

**Supplementary Table S7 The differentially methylated genes in the GSE14245 dataset**

ID	adj.P.Val	P.Value	t	B	logFC	RANGE_START	RANGE_END	RANGE_GB
cg22674699	4.79E-52	1.19E-57	2.31E+01	120.7358545	3.92E-01	176987918	176988041	NC_000002.11
cg16732616	1.60E-49	1.20E-54	2.20E+01	113.8727168	4.04E-01	50886782	50886905	NC_000001.10
cg24221648	2.96E-48	3.68E-53	2.14E+01	110.4694261	3.66E-01	79170283	79170406	NC_000013.10
cg14473102	1.11E-47	1.66E-52	2.12E+01	108.9708643	3.58E-01	176994448	176994571	NC_000002.11
cg01059818	1.69E-47	2.93E-52	2.11E+01	108.4057534	2.48E-01	26370690	26370813	NC_000017.10
cg06304097	1.01E-46	2.01E-51	2.08E+01	106.4944987	4.06E-01	133109867	133109990	NC_000010.10
cg14451382	7.18E-45	2.32E-49	2.01E+01	101.7751627	2.96E-01	1876397	1876520	NC_000005.9
cg18375860	1.71E-41	1.65E-45	1.87E+01	92.9595531	3.20E-01	237205409	237205532	NC_000001.10
cg27423760	1.71E-41	1.69E-45	1.87E+01	92.9310716	3.38E-01	51186463	51186586	NC_000016.9
cg02835462	1.71E-41	1.70E-45	1.87E+01	92.9250063	2.31E-01	46391567	46391690	NC_000001.10
cg12526197	2.27E-41	2.37E-45	1.87E+01	92.5982992	2.16E-01	230416938	230417061	NC_000001.10
cg23992403	3.16E-41	3.62E-45	1.86E+01	92.1767336	2.90E-01	226012347	226012470	NC_000001.10
cg03306374	3.45E-41	4.12E-45	1.86E+01	92.047072	4.69E-01	23847325	23847448	NC_000016.9
cg03156893	4.08E-41	5.07E-45	1.86E+01	91.841312	3.43E-01	23847675	23847798	NC_000016.9
cg05732750	9.52E-41	1.23E-44	1.84E+01	90.9598158	3.05E-01	6704045	6704168	NC_000007.13
cg18074820	1.21E-40	1.63E-44	1.84E+01	90.6822949	2.05E-01	99203739	99203862	NC_000015.9
cg11030420	3.94E-40	5.88E-44	1.82E+01	89.4040994	1.83E-01	136758308	136758431	NC_000006.11
cg17495912	7.00E-40	1.06E-43	1.81E+01	88.816848	3.45E-01	37006340	37006463	NC_000013.10
cg14759565	1.77E-39	2.86E-43	1.80E+01	87.8304741	2.43E-01	65360123	65360246	NC_000011.9
cg13438893	7.21E-39	1.25E-42	1.78E+01	86.3607392	3.39E-01	79170303	79170426	NC_000013.10
cg18952796	8.39E-39	1.50E-42	1.77E+01	86.181958	3.67E-01	98246633	98246756	NC_000007.13
cg13755795	1.29E-38	2.40E-42	1.77E+01	85.716485	3.31E-01	51185772	51185895	NC_000016.9
cg11552694	1.81E-38	3.53E-42	1.76E+01	85.3300147	3.98E-01	2752149	2752272	NC_000005.9

cg11595545	2.64E-38	5.48E-42	1.75E+01	84.8946456	4.22E-01	111217497	111217620	NC_000001.10
cg12918457	3.17E-38	6.78E-42	1.75E+01	84.6824463	3.53E-01	115630748	115630871	NC_000011.9
cg03758150	5.40E-38	1.23E-41	1.74E+01	84.086968	3.67E-01	30866192	30866315	NC_000019.9
cg01464835	9.87E-38	2.45E-41	1.73E+01	83.405803	3.49E-01	30016147	30016270	NC_000019.9
cg17954142	1.11E-37	2.80E-41	1.73E+01	83.2698631	2.13E-01	230417096	230417219	NC_000001.10
cg16675507	1.21E-37	3.18E-41	1.73E+01	83.144288	3.15E-01	155108371	155108494	NC_000005.9
cg06647382	1.37E-37	3.69E-41	1.73E+01	82.9973561	1.69E-01	48175734	48175857	NC_000017.10
cg19384289	1.69E-37	4.65E-41	1.72E+01	82.7659913	3.20E-01	176994365	176994488	NC_000002.11
cg03109827	2.19E-37	6.08E-41	1.72E+01	82.4997155	3.40E-01	133110349	133110472	NC_000010.10
cg07011231	3.75E-37	1.06E-40	1.71E+01	81.9467385	1.65E-01	73329813	73329936	NC_000002.11
cg26504274	5.83E-37	1.71E-40	1.70E+01	81.4713915	1.83E-01	2485409	2485532	NC_000011.9
cg03337430	6.76E-37	2.05E-40	1.70E+01	81.2932649	2.27E-01	226012507	226012630	NC_000001.10
cg10158541	6.76E-37	2.05E-40	1.70E+01	81.2920935	3.03E-01	37006265	37006388	NC_000013.10
cg02609724	8.00E-37	2.50E-40	1.70E+01	81.0921083	2.06E-01	139506447	139506570	NC_000005.9
cg06177254	1.23E-36	3.97E-40	1.69E+01	80.6350671	2.33E-01	77303975	77304098	NC_000011.9
cg09161419	1.46E-36	4.76E-40	1.69E+01	80.4527223	2.09E-01	119593593	119593716	NC_000011.9
cg25096740	1.47E-36	4.81E-40	1.69E+01	80.4434868	2.14E-01	20140828	20140951	NC_000001.10
cg20885063	1.75E-36	5.90E-40	1.69E+01	80.2403957	2.04E-01	17939419	17939542	NC_000017.10
cg15617814	1.80E-36	6.12E-40	1.69E+01	80.2038668	3.93E-01	131780492	131780615	NC_000011.9
cg23331421	2.42E-36	8.59E-40	1.68E+01	79.8664908	3.15E-01	30866202	30866325	NC_000019.9
cg11041817	2.51E-36	8.99E-40	1.68E+01	79.8205216	2.05E-01	46685327	46685450	NC_000017.10
cg03493668	3.52E-36	1.32E-39	1.67E+01	79.4392749	1.64E-01	77776607	77776730	NC_000011.9
cg11546137	4.26E-36	1.63E-39	1.67E+01	79.2303307	3.01E-01	176972563	176972686	NC_000002.11
cg04215359	5.07E-36	1.98E-39	1.67E+01	79.0378307	1.96E-01	153381623	153381746	NC_000002.11
cg17468616	7.15E-36	2.86E-39	1.66E+01	78.669991	2.58E-01	226013212	226013335	NC_000001.10

cg06724588	7.91E-36	3.22E-39	1.66E+01	78.5514885	2.94E-01	51185459	51185582	NC_000016.9
cg08204280	8.26E-36	3.40E-39	1.66E+01	78.4992413	3.09E-01	2751839	2751962	NC_000005.9
cg24416513	8.26E-36	3.41E-39	1.66E+01	78.4959408	4.10E-01	176994764	176994887	NC_000002.11
cg24472231	1.95E-35	8.95E-39	1.65E+01	77.5352147	3.10E-01	105471979	105472102	NC_000002.11
cg03928367	2.27E-35	1.06E-38	1.64E+01	77.367466	2.52E-01	34186995	34187118	NC_000020.10
cg11950982	2.45E-35	1.15E-38	1.64E+01	77.2851732	1.69E-01	46269126	46269249	NC_000021.8
cg27019093	2.49E-35	1.18E-38	1.64E+01	77.2588372	2.15E-01	4235082	4235205	NC_000017.10
cg14666369	2.95E-35	1.42E-38	1.64E+01	77.0761708	3.11E-01	121164371	121164494	NC_000012.11
cg27393010	3.31E-35	1.61E-38	1.64E+01	76.950595	3.38E-01	121940216	121940339	NC_000007.13
cg18716164	3.53E-35	1.74E-38	1.64E+01	76.8753153	3.40E-01	30019647	30019770	NC_000019.9
cg02371631	3.61E-35	1.78E-38	1.64E+01	76.8499172	2.48E-01	202748718	202748841	NC_000002.11
cg18466162	3.94E-35	1.97E-38	1.64E+01	76.7519356	2.57E-01	114792873	114792996	NC_000005.9
cg20302133	5.18E-35	2.66E-38	1.63E+01	76.4507597	3.70E-01	111217194	111217317	NC_000001.10
cg23619365	5.86E-35	3.07E-38	1.63E+01	76.3085298	3.09E-01	112712009	112712132	NC_000013.10
cg23130131	6.75E-35	3.61E-38	1.63E+01	76.1491143	2.67E-01	111544299	111544422	NC_000004.11
cg12040830	8.98E-35	4.95E-38	1.62E+01	75.8330271	4.17E-01	112833773	112833896	NC_000011.9
cg19674091	9.92E-35	5.50E-38	1.62E+01	75.7298024	3.08E-01	90643766	90643889	NC_000015.9
cg04711162	1.07E-34	6.05E-38	1.62E+01	75.6338337	2.92E-01	30017511	30017634	NC_000019.9
cg16046493	1.08E-34	6.10E-38	1.62E+01	75.6263696	2.48E-01	58551954	58552077	NC_000003.11
cg24079790	1.24E-34	7.08E-38	1.62E+01	75.4783847	2.39E-01	107993467	107993590	NC_000011.9
cg22153181	1.43E-34	8.34E-38	1.61E+01	75.314793	2.49E-01	172734431	172734554	NC_000004.11
cg19196335	1.53E-34	9.08E-38	1.61E+01	75.2305879	2.28E-01	27184094	27184217	NC_000007.13
cg07082358	1.99E-34	1.22E-37	1.61E+01	74.9347162	2.21E-01	102981127	102981250	NC_000007.13
cg07113642	2.02E-34	1.25E-37	1.61E+01	74.914747	3.92E-01	2781262	2781385	NC_000020.10
cg24613080	2.05E-34	1.27E-37	1.61E+01	74.9005293	2.87E-01	32484035	32484158	NC_000017.10

cg20927661	2.46E-34	1.54E-37	1.61E+01	74.7033843	3.77E-01	5837002	5837125	NC_000002.11
cg10837685	2.54E-34	1.60E-37	1.61E+01	74.6695729	2.13E-01	22968612	22968735	NC_000015.9
cg17509561	2.57E-34	1.62E-37	1.60E+01	74.6528707	2.00E-01	19419126	19419249	NC_000008.10
cg23731805	2.64E-34	1.69E-37	1.60E+01	74.6153139	1.68E-01	56479243	56479366	NC_000012.11
cg25683325	2.87E-34	1.86E-37	1.60E+01	74.5154017	3.94E-01	158151058	158151181	NC_000001.10
cg09709600	2.94E-34	1.91E-37	1.60E+01	74.4888403	1.99E-01	65359521	65359644	NC_000011.9
cg06711560	3.79E-34	2.59E-37	1.60E+01	74.1875895	2.34E-01	139746365	139746488	NC_000009.11
cg08475953	3.92E-34	2.69E-37	1.60E+01	74.1504664	3.41E-01	178004091	178004214	NC_000005.9
cg14952488	3.99E-34	2.74E-37	1.60E+01	74.1306784	2.08E-01	53821365	53821488	NC_000005.9
cg08568670	5.04E-34	3.53E-37	1.59E+01	73.8789361	1.80E-01	48593395	48593518	NC_000003.11
cg15442800	5.18E-34	3.65E-37	1.59E+01	73.845367	2.42E-01	56755990	56756113	NC_000020.10
cg03502002	5.78E-34	4.10E-37	1.59E+01	73.7315239	3.76E-01	74962133	74962256	NC_000018.9
cg26521404	7.23E-34	5.33E-37	1.59E+01	73.4695597	2.95E-01	27204981	27205104	NC_000007.13
cg18885162	1.04E-33	8.02E-37	1.58E+01	73.0634917	2.30E-01	41529269	41529392	NC_000006.11
cg09874822	1.09E-33	8.46E-37	1.58E+01	73.0103831	3.58E-01	1203997	1204120	NC_000016.9
cg16997642	1.10E-33	8.63E-37	1.58E+01	72.9904306	2.48E-01	27184159	27184282	NC_000007.13
cg10936057	1.21E-33	9.57E-37	1.58E+01	72.8882737	2.95E-01	708425	708548	NC_000010.10
cg09880291	1.24E-33	9.80E-37	1.58E+01	72.8644828	2.63E-01	27184109	27184232	NC_000007.13
cg27360326	1.26E-33	1.00E-36	1.58E+01	72.8411454	3.30E-01	53422691	53422814	NC_000013.10
cg17098850	1.28E-33	1.02E-36	1.58E+01	72.8255641	2.08E-01	22968689	22968812	NC_000015.9
cg16784745	1.45E-33	1.17E-36	1.58E+01	72.6904412	2.40E-01	54731086	54731209	NC_000012.11
cg15808943	1.60E-33	1.29E-36	1.57E+01	72.5885812	3.50E-01	176994665	176994788	NC_000002.11
cg17369513	1.63E-33	1.33E-36	1.57E+01	72.5630253	1.61E-01	98121165	98121288	NC_000005.9
cg01447112	2.02E-33	1.66E-36	1.57E+01	72.3405871	3.43E-01	6703803	6703926	NC_000007.13
cg09671258	2.14E-33	1.76E-36	1.57E+01	72.280455	3.91E-01	180202530	180202653	NC_000001.10

cg02456226	2.51E-33	2.10E-36	1.57E+01	72.1066813	3.35E-01	18429703	18429826	NC_000010.10
cg08823554	2.69E-33	2.25E-36	1.57E+01	72.0364981	3.12E-01	46269191	46269314	NC_000021.8
cg04330449	2.98E-33	2.52E-36	1.57E+01	71.9244872	3.02E-01	134871166	134871289	NC_000005.9
cg14754787	3.01E-33	2.56E-36	1.57E+01	71.9088984	2.89E-01	35299600	35299723	NC_000017.10
cg10327976	3.03E-33	2.58E-36	1.56E+01	71.8995327	1.92E-01	42843303	42843426	NC_000015.9
cg02391433	3.52E-33	3.03E-36	1.56E+01	71.7399883	1.07E-01	37574923	37575046	NC_000009.11
cg12985235	4.24E-33	3.72E-36	1.56E+01	71.5374603	2.61E-01	4345965	4346088	NC_000019.9
cg27200446	4.24E-33	3.72E-36	1.56E+01	71.536893	3.70E-01	41606439	41606562	NC_000006.11
cg25611369	4.75E-33	4.19E-36	1.56E+01	71.4186962	2.92E-01	69460638	69460761	NC_000011.9
cg06991565	5.36E-33	4.81E-36	1.56E+01	71.2817707	1.55E-01	31733799	31733922	NC_000006.11
cg25495534	5.81E-33	5.26E-36	1.55E+01	71.1924572	2.19E-01	65431222	65431345	NC_000010.10
cg05554151	6.83E-33	6.31E-36	1.55E+01	71.0116779	1.79E-01	56700796	56700919	NC_000016.9
cg06068085	7.91E-33	7.45E-36	1.55E+01	70.8469683	2.28E-01	127871927	127872050	NC_000005.9
cg06295294	8.21E-33	7.79E-36	1.55E+01	70.801718	1.70E-01	159956323	159956446	NC_000004.11
cg08526074	8.66E-33	8.26E-36	1.55E+01	70.7439125	3.58E-01	51184562	51184685	NC_000016.9
cg08235864	8.82E-33	8.44E-36	1.55E+01	70.7230078	3.08E-01	2751822	2751945	NC_000005.9
cg26013553	1.05E-32	1.01E-35	1.55E+01	70.5427589	3.21E-01	111217406	111217529	NC_000001.10
cg13267264	1.39E-32	1.36E-35	1.54E+01	70.2473646	3.72E-01	70983600	70983723	NC_000008.10
cg08533364	1.55E-32	1.55E-35	1.54E+01	70.1200986	1.38E-01	3147191	3147314	NC_000020.10
cg12281517	1.64E-32	1.65E-35	1.54E+01	70.0583382	1.94E-01	153576804	153576927	NC_000004.11
cg08315202	1.67E-32	1.69E-35	1.54E+01	70.0318981	3.31E-01	98246006	98246129	NC_000007.13
cg01789499	2.09E-32	2.16E-35	1.53E+01	69.7880294	2.21E-01	81109888	81110011	NC_000004.11
cg25331919	2.30E-32	2.39E-35	1.53E+01	69.6868411	2.24E-01	47092023	47092146	NC_000018.9
cg21436938	2.34E-32	2.46E-35	1.53E+01	69.6586432	1.79E-01	116061416	116061539	NC_000009.11
cg18961681	2.40E-32	2.54E-35	1.53E+01	69.6271005	2.91E-01	32467657	32467780	NC_000007.13

cg23291301	2.56E-32	2.72E-35	1.53E+01	69.5567489	2.90E-01	105472469	105472592	NC_000002.11
cg03585823	2.70E-32	2.89E-35	1.53E+01	69.4996004	2.30E-01	56693070	56693193	NC_000016.9
cg23642130	3.51E-32	3.81E-35	1.53E+01	69.2245893	2.98E-01	30866365	30866488	NC_000019.9
cg04222358	3.74E-32	4.09E-35	1.53E+01	69.1516749	2.60E-01	2140256	2140379	NC_000003.11
cg03287574	4.53E-32	5.06E-35	1.52E+01	68.9412257	2.83E-01	1886956	1887079	NC_000005.9
cg18348647	4.64E-32	5.22E-35	1.52E+01	68.910357	3.74E-01	37006107	37006230	NC_000013.10
cg15412087	4.64E-32	5.22E-35	1.52E+01	68.9099452	2.06E-01	120085145	120085268	NC_000011.9
cg06262497	5.24E-32	5.95E-35	1.52E+01	68.7798271	2.34E-01	3564676	3564799	NC_000001.10
cg14195103	5.38E-32	6.13E-35	1.52E+01	68.7508999	2.33E-01	73283583	73283706	NC_000017.10
cg25181651	6.52E-32	7.62E-35	1.52E+01	68.5345088	3.19E-01	1748132	1748255	NC_000002.11
cg03769116	8.46E-32	1.01E-34	1.51E+01	68.2522346	2.62E-01	34833674	34833797	NC_000019.9
cg26187962	9.14E-32	1.10E-34	1.51E+01	68.1656062	1.76E-01	226011953	226012076	NC_000001.10
cg21408624	9.46E-32	1.15E-34	1.51E+01	68.1230063	1.87E-01	50800055	50800178	NC_000007.13
cg03544320	1.14E-31	1.43E-34	1.51E+01	67.9097931	2.81E-01	5894691	5894814	NC_000004.11
cg14252236	1.16E-31	1.45E-34	1.51E+01	67.8911947	1.39E-01	143784002	143784125	NC_000002.11
cg09016242	1.16E-31	1.47E-34	1.51E+01	67.8802289	3.61E-01	51185110	51185233	NC_000016.9
cg08272731	1.22E-31	1.55E-34	1.51E+01	67.8294945	3.23E-01	75602167	75602290	NC_000001.10
cg25090514	1.29E-31	1.64E-34	1.51E+01	67.7688134	2.46E-01	2038743	2038866	NC_000005.9
cg27058257	1.29E-31	1.65E-34	1.51E+01	67.7667428	4.14E-01	30019529	30019652	NC_000019.9
cg00939495	1.37E-31	1.76E-34	1.50E+01	67.7010194	2.88E-01	9783398	9783521	NC_000004.11
cg02306798	1.44E-31	1.86E-34	1.50E+01	67.6473453	2.08E-01	14245929	14246052	NC_000005.9
cg24102242	1.49E-31	1.93E-34	1.50E+01	67.6104323	1.87E-01	3327319	3327442	NC_000006.11
cg08152546	1.62E-31	2.13E-34	1.50E+01	67.5114668	2.80E-01	112717207	112717330	NC_000013.10
cg02864757	1.64E-31	2.16E-34	1.50E+01	67.4989088	2.78E-01	51184583	51184706	NC_000016.9
cg23632875	1.74E-31	2.31E-34	1.50E+01	67.4303254	3.92E-01	133110244	133110367	NC_000010.10

cg26132774	1.80E-31	2.40E-34	1.50E+01	67.3934756	3.52E-01	79170146	79170269	NC_000013.10
cg23906738	1.83E-31	2.44E-34	1.50E+01	67.3770034	3.47E-01	36987301	36987424	NC_000014.8
cg20146541	1.89E-31	2.53E-34	1.50E+01	67.3415624	3.17E-01	248020697	248020820	NC_000001.10
cg23586440	1.90E-31	2.55E-34	1.50E+01	67.3334588	2.32E-01	31067009	31067132	NC_000020.10
cg04347874	2.03E-31	2.74E-34	1.50E+01	67.2613401	3.81E-01	36987408	36987531	NC_000014.8
cg00384539	2.07E-31	2.79E-34	1.50E+01	67.2416515	2.87E-01	70983567	70983690	NC_000008.10
cg09907509	2.36E-31	3.25E-34	1.50E+01	67.0917372	2.44E-01	37248244	37248367	NC_000013.10
cg24389585	2.38E-31	3.28E-34	1.50E+01	67.0816679	2.06E-01	27184125	27184248	NC_000007.13
cg12630983	2.48E-31	3.43E-34	1.50E+01	67.0376501	1.47E-01	127872200	127872323	NC_000005.9
cg22784954	2.64E-31	3.67E-34	1.49E+01	66.969209	3.15E-01	5140646	5140769	NC_000005.9
cg05977021	2.88E-31	4.04E-34	1.49E+01	66.8736918	1.95E-01	92242370	92242493	NC_000007.13
cg06528737	2.90E-31	4.07E-34	1.49E+01	66.866706	1.90E-01	11574303	11574426	NC_000010.10
cg15811515	2.91E-31	4.10E-34	1.49E+01	66.8606484	3.40E-01	31580989	31581112	NC_000016.9
cg25397945	2.92E-31	4.11E-34	1.49E+01	66.8566393	3.24E-01	37096148	37096271	NC_000019.9
cg06429887	3.23E-31	4.60E-34	1.49E+01	66.7447556	2.80E-01	24600500	24600623	NC_000014.8
cg14001664	3.42E-31	4.89E-34	1.49E+01	66.6843338	2.45E-01	132088801	132088924	NC_000002.11
cg18897632	3.67E-31	5.26E-34	1.49E+01	66.6121707	3.87E-01	5836231	5836354	NC_000002.11
cg25955565	3.69E-31	5.30E-34	1.49E+01	66.6044742	1.43E-01	71863756	71863879	NC_000014.8
cg06813419	3.85E-31	5.58E-34	1.49E+01	66.552857	2.08E-01	211502171	211502294	NC_000001.10
cg21253742	3.91E-31	5.68E-34	1.49E+01	66.5360427	2.27E-01	85305079	85305202	NC_000015.9
cg21082141	3.91E-31	5.69E-34	1.49E+01	66.5343329	1.80E-01	81111985	81112108	NC_000004.11
cg17241776	4.47E-31	6.58E-34	1.49E+01	66.3893787	2.83E-01	51417469	51417592	NC_000013.10
cg15653173	4.79E-31	7.08E-34	1.48E+01	66.3170108	2.90E-01	112723034	112723157	NC_000013.10
cg11679455	4.98E-31	7.39E-34	1.48E+01	66.2741736	2.38E-01	8100761	8100884	NC_000010.10
cg14954154	5.34E-31	8.01E-34	1.48E+01	66.194612	1.34E-01	90853443	90853566	NC_000014.8

cg06367286	5.60E-31	8.44E-34	1.48E+01	66.1425419	2.30E-01	2887873	2887996	NC_000007.13
cg12338417	5.72E-31	8.65E-34	1.48E+01	66.1174012	2.75E-01	32860178	32860301	NC_000003.11
cg13580196	6.74E-31	1.03E-33	1.48E+01	65.9405085	2.23E-01	85529414	85529537	NC_000015.9
cg09835225	7.44E-31	1.15E-33	1.48E+01	65.8342658	3.31E-01	18429643	18429766	NC_000010.10
cg03078269	8.39E-31	1.31E-33	1.48E+01	65.7084596	3.38E-01	54354974	54355097	NC_000012.11
cg01392544	9.52E-31	1.49E-33	1.47E+01	65.5768328	3.69E-01	18429760	18429883	NC_000010.10
cg02674925	9.70E-31	1.52E-33	1.47E+01	65.5546773	8.91E-02	233474079	233474202	NC_000001.10
cg02478448	9.96E-31	1.57E-33	1.47E+01	65.524073	3.59E-01	37006063	37006186	NC_000013.10
cg16412082	1.03E-30	1.64E-33	1.47E+01	65.48384	2.03E-01	114610635	114610758	NC_000010.10
cg10617909	1.05E-30	1.67E-33	1.47E+01	65.4648594	3.79E-01	180527697	180527820	NC_000005.9
cg01805540	1.20E-30	1.91E-33	1.47E+01	65.3288548	3.60E-01	18429749	18429872	NC_000010.10
cg13408027	1.20E-30	1.93E-33	1.47E+01	65.3218209	1.95E-01	116133216	116133339	NC_000009.11
cg27561818	1.22E-30	1.95E-33	1.47E+01	65.3066272	2.95E-01	57832760	57832883	NC_000016.9
cg24144083	1.30E-30	2.11E-33	1.47E+01	65.2304045	3.18E-01	36805814	36805937	NC_000003.11
cg26921611	1.32E-30	2.15E-33	1.47E+01	65.211497	2.05E-01	37917868	37917991	NC_000008.10
cg06923233	1.44E-30	2.36E-33	1.47E+01	65.1183356	1.25E-01	2899061	2899184	NC_000016.9
cg02012703	1.44E-30	2.37E-33	1.47E+01	65.117239	3.08E-01	30016478	30016601	NC_000019.9
cg06521544	1.62E-30	2.68E-33	1.47E+01	64.991875	1.02E-01	57114657	57114780	NC_000003.11
cg25100011	1.65E-30	2.74E-33	1.47E+01	64.9701333	1.01E-01	33146725	33146848	NC_000001.10
cg23121993	2.07E-30	3.48E-33	1.46E+01	64.7335513	3.75E-01	1883954	1884077	NC_000005.9
cg11601252	2.12E-30	3.56E-33	1.46E+01	64.7100983	3.38E-01	68122139	68122262	NC_000015.9
cg20539752	2.13E-30	3.58E-33	1.46E+01	64.7035679	2.57E-01	176994305	176994428	NC_000002.11
cg01423964	2.20E-30	3.72E-33	1.46E+01	64.6671156	3.47E-01	111217575	111217698	NC_000001.10
cg14217074	2.41E-30	4.10E-33	1.46E+01	64.5689623	1.56E-01	187528979	187529102	NC_000003.11
cg08795964	2.42E-30	4.13E-33	1.46E+01	64.5628236	2.66E-01	72468987	72469110	NC_000008.10



cg25720804	2.45E-30	4.19E-33	1.46E+01	64.5484508	2.52E-01	170736389	170736512	NC_000005.9
cg08860498	2.46E-30	4.20E-33	1.46E+01	64.5449256	1.10E-01	40838861	40838984	NC_000017.10
cg19339146	2.62E-30	4.52E-33	1.46E+01	64.4737179	2.23E-01	62397911	62398034	NC_000004.11
cg18862481	2.67E-30	4.61E-33	1.46E+01	64.4532783	2.83E-01	129693370	129693493	NC_000003.11
cg21545862	2.84E-30	4.92E-33	1.46E+01	64.3885791	3.24E-01	174159294	174159417	NC_000005.9
cg08466792	2.89E-30	5.02E-33	1.46E+01	64.3677285	3.40E-01	3603227	3603350	NC_000005.9
cg05964918	2.89E-30	5.03E-33	1.46E+01	64.3669103	2.02E-01	96953953	96954076	NC_000010.10
cg04353438	2.95E-30	5.15E-33	1.46E+01	64.3429959	2.66E-01	5621182	5621305	NC_000019.9
cg18150339	3.06E-30	5.39E-33	1.46E+01	64.2981656	1.05E-01	10374150	10374273	NC_000005.9
cg10632765	3.12E-30	5.49E-33	1.46E+01	64.2800814	2.30E-01	6534916	6535039	NC_000019.9
cg06000994	3.16E-30	5.58E-33	1.46E+01	64.2633235	2.60E-01	30866194	30866317	NC_000019.9
cg18948722	3.36E-30	5.94E-33	1.45E+01	64.2018504	3.06E-01	37006116	37006239	NC_000013.10
cg15821562	3.38E-30	5.99E-33	1.45E+01	64.193805	2.39E-01	90083275	90083398	NC_000014.8
cg25185173	3.43E-30	6.08E-33	1.45E+01	64.1774455	3.33E-01	154712580	154712703	NC_000004.11
cg19715094	3.60E-30	6.43E-33	1.45E+01	64.1231931	2.55E-01	118402540	118402663	NC_000011.9
cg07421737	3.81E-30	6.84E-33	1.45E+01	64.0616765	1.98E-01	67811641	67811764	NC_000011.9
cg25191628	3.90E-30	7.02E-33	1.45E+01	64.0350012	2.84E-01	50886949	50887072	NC_000001.10
cg18515031	3.95E-30	7.12E-33	1.45E+01	64.0211509	2.39E-01	73988469	73988592	NC_000010.10
cg10266904	4.33E-30	7.84E-33	1.45E+01	63.9255501	2.07E-01	18570097	18570220	NC_000016.9
cg24633978	4.47E-30	8.11E-33	1.45E+01	63.8914734	2.40E-01	176972581	176972704	NC_000002.11
cg04950627	4.66E-30	8.50E-33	1.45E+01	63.845306	1.10E-01	39758157	39758280	NC_000002.11
cg07252731	4.72E-30	8.62E-33	1.45E+01	63.8308863	3.31E-01	88799999	88800122	NC_000015.9
cg00025795	4.74E-30	8.67E-33	1.45E+01	63.8255948	7.55E-02	77983156	77983279	NC_000017.10
cg05579037	4.92E-30	9.05E-33	1.45E+01	63.7825201	2.22E-01	27184853	27184976	NC_000007.13
cg12164282	5.16E-30	9.54E-33	1.45E+01	63.7296981	2.77E-01	1748112	1748235	NC_000002.11

cg13796823	5.17E-30	9.58E-33	1.45E+01	63.7255807	2.94E-01	130686592	130686715	NC_000006.11
cg00492784	5.34E-30	9.90E-33	1.45E+01	63.6930208	1.05E-01	52681818	52681941	NC_000012.11
cg27618240	5.46E-30	1.02E-32	1.45E+01	63.6674467	3.45E-01	20824770	20824893	NC_000007.13
cg16876236	5.78E-30	1.08E-32	1.45E+01	63.6063696	1.92E-01	17679640	17679763	NC_000020.10
cg10163955	5.98E-30	1.12E-32	1.45E+01	63.5696684	1.54E-01	8101402	8101525	NC_000010.10
cg09772661	6.06E-30	1.14E-32	1.45E+01	63.5514311	2.94E-01	7794952	7795075	NC_000019.9
cg02547394	6.13E-30	1.16E-32	1.44E+01	63.5371885	2.36E-01	112721789	112721912	NC_000013.10
cg23071286	6.43E-30	1.22E-32	1.44E+01	63.4844873	1.99E-01	91360201	91360324	NC_000015.9
cg19712603	6.49E-30	1.23E-32	1.44E+01	63.4744469	3.06E-01	53422777	53422900	NC_000013.10
cg17317266	6.55E-30	1.25E-32	1.44E+01	63.4636189	1.79E-01	11495261	11495384	NC_000019.9
cg21185289	6.61E-30	1.27E-32	1.44E+01	63.4473662	3.43E-01	74743437	74743560	NC_000002.11
cg08039116	6.66E-30	1.28E-32	1.44E+01	63.4374916	2.27E-01	43152254	43152377	NC_000007.13
cg12230883	6.73E-30	1.30E-32	1.44E+01	63.4253271	2.34E-01	184035527	184035650	NC_000003.11
cg03045635	6.73E-30	1.30E-32	1.44E+01	63.4239172	2.54E-01	9783198	9783321	NC_000004.11
cg19870512	6.77E-30	1.31E-32	1.44E+01	63.4162802	3.57E-01	4919081	4919204	NC_000012.11
cg25019378	6.77E-30	1.31E-32	1.44E+01	63.4146127	2.35E-01	158749367	158749490	NC_000006.11
cg02776080	6.97E-30	1.35E-32	1.44E+01	63.3834056	1.30E-01	29999615	29999738	NC_000006.11
cg26524347	7.00E-30	1.36E-32	1.44E+01	63.3764095	1.88E-01	121738449	121738572	NC_000012.11
cg25307168	7.85E-30	1.53E-32	1.44E+01	63.2580497	2.71E-01	37353035	37353158	NC_000020.10
cg19919217	7.90E-30	1.54E-32	1.44E+01	63.2512326	2.03E-01	38248105	38248228	NC_000017.10
cg19764418	8.00E-30	1.57E-32	1.44E+01	63.2369086	2.32E-01	237205098	237205221	NC_000001.10
cg07143083	8.01E-30	1.57E-32	1.44E+01	63.2345345	2.41E-01	70597921	70598044	NC_000007.13
cg02711479	8.04E-30	1.58E-32	1.44E+01	63.2294312	2.49E-01	36849024	36849147	NC_000001.10
cg10960709	8.43E-30	1.67E-32	1.44E+01	63.1720847	1.87E-01	140117543	140117666	NC_000007.13
cg06469345	8.67E-30	1.73E-32	1.44E+01	63.1402005	2.22E-01	9783246	9783369	NC_000004.11

cg27501612	9.72E-30	1.94E-32	1.44E+01	63.0232625	1.42E-01	56977363	56977486	NC_000016.9
cg13572771	1.01E-29	2.02E-32	1.44E+01	62.9841242	1.71E-01	68871428	68871551	NC_000014.8
cg12085698	1.01E-29	2.04E-32	1.44E+01	62.9754153	2.36E-01	13983784	13983907	NC_000011.9
cg05057720	1.29E-29	2.65E-32	1.43E+01	62.7136815	3.28E-01	38724675	38724798	NC_000014.8
cg01381846	1.44E-29	2.97E-32	1.43E+01	62.6000635	2.96E-01	27204785	27204908	NC_000007.13
cg07314409	1.47E-29	3.04E-32	1.43E+01	62.5769356	1.46E-01	193532456	193532579	NC_000003.11
cg16326743	1.49E-29	3.08E-32	1.43E+01	62.5632831	1.23E-01	176522599	176522722	NC_000005.9
cg18757468	1.51E-29	3.13E-32	1.43E+01	62.5497252	2.66E-01	65352168	65352291	NC_000011.9
cg16354688	1.55E-29	3.22E-32	1.43E+01	62.5193346	2.48E-01	16370265	16370388	NC_000001.10
cg16550651	1.60E-29	3.34E-32	1.43E+01	62.4829745	1.68E-01	40268381	40268504	NC_000017.10
cg05835105	1.75E-29	3.68E-32	1.43E+01	62.3886291	3.31E-01	111543401	111543524	NC_000004.11
cg16827475	1.77E-29	3.72E-32	1.43E+01	62.3759057	2.87E-01	131767526	131767649	NC_000010.10
cg09524907	1.77E-29	3.73E-32	1.43E+01	62.3728572	3.40E-01	56014406	56014529	NC_000008.10
cg02423579	1.96E-29	4.15E-32	1.43E+01	62.2671752	1.90E-01	2872169	2872292	NC_000007.13
cg13699355	1.97E-29	4.18E-32	1.43E+01	62.2602244	4.17E-01	468179	468302	NC_000002.11
cg18652900	2.02E-29	4.32E-32	1.43E+01	62.2288406	3.49E-01	15580445	15580568	NC_000019.9
cg13973641	2.04E-29	4.35E-32	1.43E+01	62.2213279	1.45E-01	109691025	109691148	NC_000009.11
cg00310215	2.49E-29	5.40E-32	1.42E+01	62.0067299	3.06E-01	51185346	51185469	NC_000016.9
cg07565505	2.51E-29	5.44E-32	1.42E+01	61.9993303	3.10E-01	1887300	1887423	NC_000005.9
cg06440348	2.52E-29	5.47E-32	1.42E+01	61.9934135	1.82E-01	81111527	81111650	NC_000004.11
cg11543229	2.53E-29	5.50E-32	1.42E+01	61.9875471	1.47E-01	74382996	74383119	NC_000017.10
cg00575672	2.56E-29	5.58E-32	1.42E+01	61.9741482	2.01E-01	100644171	100644294	NC_000004.11
cg23806621	2.57E-29	5.61E-32	1.42E+01	61.9684172	2.30E-01	61638501	61638624	NC_000020.10
cg22953960	2.59E-29	5.65E-32	1.42E+01	61.9616974	1.98E-01	22766081	22766204	NC_000010.10
cg14060496	2.71E-29	5.91E-32	1.42E+01	61.9157	3.05E-01	61638518	61638641	NC_000020.10

cg20377305	2.75E-29	6.02E-32	1.42E+01	61.8979461	3.11E-01	96650668	96650791	NC_000007.13
cg25188395	2.77E-29	6.08E-32	1.42E+01	61.8881858	3.05E-01	27204052	27204175	NC_000007.13
cg17839237	2.81E-29	6.20E-32	1.42E+01	61.8681753	3.87E-01	19157193	19157316	NC_000007.13
cg22491927	2.86E-29	6.32E-32	1.42E+01	61.8497145	3.39E-01	13617091	13617214	NC_000019.9
cg20185017	2.96E-29	6.59E-32	1.42E+01	61.8085853	3.35E-01	18429661	18429784	NC_000010.10
cg09118932	3.49E-29	7.85E-32	1.42E+01	61.6340447	3.17E-01	1748337	1748460	NC_000002.11
cg06097580	3.53E-29	7.96E-32	1.42E+01	61.6207043	2.14E-01	56456934	56457057	NC_000016.9
cg15396686	3.57E-29	8.06E-32	1.42E+01	61.6081965	2.96E-01	124897048	124897171	NC_000010.10
cg26520908	3.67E-29	8.32E-32	1.42E+01	61.5766969	1.81E-01	3191876	3191999	NC_000001.10
cg20750832	3.73E-29	8.46E-32	1.42E+01	61.5598127	2.47E-01	170742345	170742468	NC_000005.9
cg17078686	3.80E-29	8.64E-32	1.42E+01	61.5388371	2.76E-01	105471965	105472088	NC_000002.11
cg07821629	3.91E-29	8.93E-32	1.42E+01	61.5062905	3.21E-01	38670840	38670963	NC_000007.13
cg00582971	4.02E-29	9.23E-32	1.42E+01	61.4728703	3.26E-01	178422128	178422251	NC_000005.9
cg00378228	4.08E-29	9.37E-32	1.42E+01	61.4577095	1.26E-01	10122153	10122276	NC_000004.11
cg05446471	4.17E-29	9.60E-32	1.41E+01	61.4341457	2.68E-01	13522740	13522863	NC_000003.11
cg10548254	4.26E-29	9.80E-32	1.41E+01	61.4131119	1.81E-01	50656772	50656895	NC_000022.10
cg05895956	4.36E-29	1.01E-31	1.41E+01	61.3875083	1.67E-01	42216981	42217104	NC_000020.10
cg10853431	4.46E-29	1.04E-31	1.41E+01	61.3588196	1.89E-01	11574300	11574423	NC_000010.10
cg00747890	4.46E-29	1.04E-31	1.41E+01	61.3585057	2.25E-01	90854534	90854657	NC_000014.8
cg16924061	4.46E-29	1.04E-31	1.41E+01	61.3584684	2.12E-01	71955528	71955651	NC_000018.9
cg18206027	4.56E-29	1.06E-31	1.41E+01	61.3369962	2.90E-01	49813486	49813609	NC_000007.13
cg07996393	4.63E-29	1.08E-31	1.41E+01	61.3195759	1.96E-01	43792951	43793074	NC_000006.11
cg19875547	4.77E-29	1.11E-31	1.41E+01	61.2853955	3.45E-01	38670804	38670927	NC_000007.13
cg21759280	5.03E-29	1.18E-31	1.41E+01	61.2251218	2.15E-01	6534936	6535059	NC_000019.9
cg16308533	5.09E-29	1.20E-31	1.41E+01	61.2127237	1.96E-01	40838983	40839106	NC_000017.10

cg06598836	5.21E-29	1.23E-31	1.41E+01	61.1863661	3.28E-01	2140699	2140822	NC_000003.11
cg17868307	5.71E-29	1.36E-31	1.41E+01	61.0886748	2.60E-01	73597649	73597772	NC_000007.13
cg23937608	6.02E-29	1.44E-31	1.41E+01	61.0342711	1.04E-01	49317231	49317354	NC_000012.11
cg15358549	6.08E-29	1.45E-31	1.41E+01	61.0237756	2.34E-01	127872074	127872197	NC_000005.9
cg10303487	6.52E-29	1.56E-31	1.41E+01	60.9517288	2.86E-01	105479058	105479181	NC_000008.10
cg15975865	6.87E-29	1.65E-31	1.41E+01	60.8925077	3.68E-01	127413831	127413954	NC_000002.11
cg14715696	7.04E-29	1.70E-31	1.41E+01	60.8675919	2.98E-01	176945122	176945245	NC_000002.11
cg16627346	7.10E-29	1.71E-31	1.41E+01	60.8581894	2.44E-01	96057706	96057829	NC_000002.11
cg01699217	7.13E-29	1.72E-31	1.41E+01	60.8516487	3.11E-01	61638488	61638611	NC_000020.10
cg02950701	7.77E-29	1.89E-31	1.41E+01	60.7607312	1.94E-01	35656925	35657048	NC_000010.10
cg12349580	8.74E-29	2.14E-31	1.40E+01	60.6362596	1.50E-01	94681045	94681168	NC_000012.11
cg15689969	9.27E-29	2.29E-31	1.40E+01	60.5714922	2.06E-01	14374397	14374520	NC_000005.9
cg09412882	9.43E-29	2.33E-31	1.40E+01	60.5522953	2.28E-01	12271701	12271824	NC_000011.9
cg19852958	1.09E-28	2.71E-31	1.40E+01	60.4014216	3.39E-01	13545760	13545883	NC_000004.11
cg12435059	1.10E-28	2.72E-31	1.40E+01	60.3979399	1.30E-01	37291314	37291437	NC_000003.11
cg07460095	1.15E-28	2.87E-31	1.40E+01	60.3464056	8.03E-02	132373398	132373521	NC_000003.11
cg19854437	1.24E-28	3.11E-31	1.40E+01	60.2641243	2.15E-01	99891629	99891752	NC_000014.8
cg02300154	1.26E-28	3.19E-31	1.40E+01	60.2383605	3.53E-01	70597058	70597181	NC_000007.13
cg09374673	1.27E-28	3.21E-31	1.40E+01	60.2332231	1.51E-01	144986488	144986611	NC_000008.10
cg15556990	1.28E-28	3.24E-31	1.40E+01	60.2255885	1.65E-01	80544479	80544602	NC_000007.13
cg17214479	1.30E-28	3.30E-31	1.40E+01	60.206437	1.97E-01	32560449	32560572	NC_000013.10
cg21370856	1.35E-28	3.46E-31	1.40E+01	60.1600405	3.29E-01	23848003	23848126	NC_000016.9
cg09238180	1.39E-28	3.57E-31	1.40E+01	60.1274241	3.29E-01	176993632	176993755	NC_000002.11
cg02745847	1.40E-28	3.59E-31	1.40E+01	60.1216396	2.36E-01	47075880	47076003	NC_000017.10
cg19806642	1.42E-28	3.66E-31	1.40E+01	60.1045748	2.77E-01	178422140	178422263	NC_000005.9

cg01820007	1.45E-28	3.73E-31	1.40E+01	60.0847143	1.64E-01	52858131	52858254	NC_000005.9
cg03449456	1.46E-28	3.76E-31	1.40E+01	60.0768035	1.75E-01	3191219	3191342	NC_000001.10
cg26115633	1.49E-28	3.84E-31	1.39E+01	60.0543275	3.22E-01	129535893	129536016	NC_000010.10
cg07272353	1.54E-28	4.00E-31	1.39E+01	60.0161201	1.69E-01	241631239	241631362	NC_000002.11
cg03935183	1.58E-28	4.10E-31	1.39E+01	59.9892351	1.60E-01	8100563	8100686	NC_000010.10
cg21093166	1.81E-28	4.73E-31	1.39E+01	59.8474203	2.40E-01	2752145	2752268	NC_000005.9
cg15834072	1.82E-28	4.76E-31	1.39E+01	59.8412935	2.44E-01	155411603	155411726	NC_000004.11
cg09813525	1.86E-28	4.87E-31	1.39E+01	59.819059	3.48E-01	53420386	53420509	NC_000013.10
cg10603275	1.88E-28	4.96E-31	1.39E+01	59.8019806	3.30E-01	239665	239788	NC_000003.11
cg25502818	1.89E-28	4.97E-31	1.39E+01	59.7988098	1.69E-01	225410509	225410632	NC_000002.11
cg11940285	2.12E-28	5.64E-31	1.39E+01	59.6730754	2.98E-01	129693385	129693508	NC_000003.11
cg04525408	2.23E-28	5.95E-31	1.39E+01	59.6207265	1.90E-01	74383274	74383397	NC_000017.10
cg17316316	2.25E-28	6.00E-31	1.39E+01	59.6115508	2.69E-01	180525108	180525231	NC_000005.9
cg03422911	2.27E-28	6.05E-31	1.39E+01	59.6033627	2.53E-01	237205295	237205418	NC_000001.10
cg02250259	2.29E-28	6.12E-31	1.39E+01	59.5922166	8.78E-02	27273366	27273489	NC_000007.13
cg12180703	2.45E-28	6.59E-31	1.39E+01	59.5178956	2.41E-01	37353037	37353160	NC_000020.10
cg24547992	2.56E-28	6.92E-31	1.39E+01	59.4702053	1.87E-01	62557944	62558067	NC_000011.9
cg09823859	2.66E-28	7.21E-31	1.39E+01	59.4296862	2.06E-01	88328294	88328417	NC_000013.10
cg09491120	2.74E-28	7.45E-31	1.39E+01	59.3966584	2.29E-01	1394986	1395109	NC_000006.11
cg16494192	2.85E-28	7.77E-31	1.38E+01	59.3546715	2.55E-01	50818652	50818775	NC_000010.10
cg03044249	2.98E-28	8.12E-31	1.38E+01	59.3114535	3.37E-01	70597065	70597188	NC_000007.13
cg23668184	3.01E-28	8.21E-31	1.38E+01	59.2999975	2.55E-01	5836713	5836836	NC_000002.11
cg05141602	3.02E-28	8.26E-31	1.38E+01	59.294298	1.35E-01	234626084	234626207	NC_000002.11
cg13609939	3.08E-28	8.43E-31	1.38E+01	59.2738061	2.32E-01	126105160	126105283	NC_000010.10
cg27462475	3.15E-28	8.64E-31	1.38E+01	59.2486362	2.24E-01	99736304	99736427	NC_000013.10

cg14063129	3.15E-28	8.65E-31	1.38E+01	59.2483537	1.57E-01	105802387	105802510	NC_000014.8
cg01898698	3.24E-28	8.92E-31	1.38E+01	59.2178714	1.85E-01	105472759	105472882	NC_000002.11
cg14037652	3.31E-28	9.14E-31	1.38E+01	59.192935	2.03E-01	93390387	93390510	NC_000010.10
cg06135139	3.33E-28	9.21E-31	1.38E+01	59.1855952	2.77E-01	61637856	61637979	NC_000020.10
cg00969405	3.67E-28	1.02E-30	1.38E+01	59.0847933	2.60E-01	27184441	27184564	NC_000007.13
cg15512534	3.69E-28	1.03E-30	1.38E+01	59.0785726	2.01E-01	205271231	205271354	NC_000001.10
cg24657817	3.70E-28	1.03E-30	1.38E+01	59.0736275	3.25E-01	42153708	42153831	NC_000004.11
cg10556005	3.70E-28	1.03E-30	1.38E+01	59.0733334	2.54E-01	233467801	233467924	NC_000001.10
cg27028923	3.75E-28	1.05E-30	1.38E+01	59.05659	2.83E-01	1765764	1765887	NC_000019.9
cg19769715	3.83E-28	1.07E-30	1.38E+01	59.0350614	2.03E-01	149636363	149636486	NC_000005.9
cg06577205	3.85E-28	1.08E-30	1.38E+01	59.0306677	2.87E-01	15500714	15500837	NC_000005.9
cg06551540	3.86E-28	1.08E-30	1.38E+01	59.0266288	1.95E-01	45617878	45618001	NC_000012.11
cg06215569	4.22E-28	1.19E-30	1.38E+01	58.9308341	3.53E-01	110611465	110611588	NC_000001.10
cg04513777	4.27E-28	1.21E-30	1.38E+01	58.9176241	2.28E-01	15493409	15493532	NC_000016.9
cg08396193	4.38E-28	1.24E-30	1.38E+01	58.8875081	2.03E-01	27193709	27193832	NC_000007.13
cg18533201	4.61E-28	1.31E-30	1.38E+01	58.8350446	1.98E-01	97157453	97157576	NC_000008.10
cg23316253	4.71E-28	1.34E-30	1.38E+01	58.8103631	2.45E-01	8076277	8076400	NC_000010.10
cg22182451	5.03E-28	1.44E-30	1.38E+01	58.7408064	1.20E-01	72486158	72486281	NC_000015.9
cg11629889	5.34E-28	1.54E-30	1.38E+01	58.6772971	1.64E-01	40839022	40839145	NC_000017.10
cg11439596	5.69E-28	1.65E-30	1.37E+01	58.6063237	3.16E-01	1931376	1931499	NC_000005.9
cg24809973	5.69E-28	1.65E-30	1.37E+01	58.6051115	2.60E-01	72468820	72468943	NC_000008.10
cg05736768	5.74E-28	1.67E-30	1.37E+01	58.5968257	2.50E-01	105479248	105479371	NC_000008.10
cg19515186	5.85E-28	1.70E-30	1.37E+01	58.5743308	1.97E-01	73478549	73478672	NC_000002.11
cg22869726	6.00E-28	1.75E-30	1.37E+01	58.5478701	3.05E-01	34398265	34398388	NC_000021.8
cg20391432	6.71E-28	1.97E-30	1.37E+01	58.4313333	1.31E-01	36667594	36667717	NC_000002.11

cg14520423	6.78E-28	1.99E-30	1.37E+01	58.4184809	1.99E-01	131681980	131682103	NC_000009.11
cg18690385	7.09E-28	2.09E-30	1.37E+01	58.3714122	2.13E-01	47078966	47079089	NC_000001.10
cg07266046	7.28E-28	2.15E-30	1.37E+01	58.3429409	2.17E-01	202804175	202804298	NC_000002.11
cg18279094	7.33E-28	2.17E-30	1.37E+01	58.3348917	2.26E-01	63790044	63790167	NC_000001.10
cg27065717	7.58E-28	2.25E-30	1.37E+01	58.2975999	2.12E-01	85608934	85609057	NC_000016.9
cg25189564	8.37E-28	2.50E-30	1.37E+01	58.1923347	3.61E-01	158938051	158938174	NC_000007.13
cg05053327	8.71E-28	2.61E-30	1.37E+01	58.1501036	1.55E-01	40837383	40837506	NC_000017.10
cg13314145	9.08E-28	2.73E-30	1.37E+01	58.1045508	3.08E-01	98246001	98246124	NC_000007.13
cg09969277	9.28E-28	2.80E-30	1.37E+01	58.0815805	2.77E-01	89922328	89922451	NC_000015.9
cg21357629	9.99E-28	3.03E-30	1.37E+01	58.0003381	3.85E-01	47063665	47063788	NC_000021.8
cg16073378	1.03E-27	3.13E-30	1.37E+01	57.9706357	2.56E-01	468413	468536	NC_000002.11
cg20782724	1.08E-27	3.30E-30	1.36E+01	57.9173611	1.73E-01	47518657	47518780	NC_000007.13
cg17376609	1.13E-27	3.46E-30	1.36E+01	57.8697977	1.86E-01	88328813	88328936	NC_000013.10
cg24925945	1.17E-27	3.59E-30	1.36E+01	57.8332171	2.01E-01	20055434	20055557	NC_000011.9
cg10224098	1.19E-27	3.63E-30	1.36E+01	57.821263	3.08E-01	44873229	44873352	NC_000001.10
cg01498700	1.20E-27	3.68E-30	1.36E+01	57.8088102	1.59E-01	75241064	75241187	NC_000016.9
cg08349400	1.20E-27	3.69E-30	1.36E+01	57.8056022	1.27E-01	53396138	53396261	NC_000006.11
cg08672919	1.25E-27	3.84E-30	1.36E+01	57.7666918	1.14E-01	169338788	169338911	NC_000006.11
cg04093645	1.26E-27	3.89E-30	1.36E+01	57.7543251	2.21E-01	127872037	127872160	NC_000005.9
cg12757676	1.31E-27	4.05E-30	1.36E+01	57.7120737	1.89E-01	100799558	100799681	NC_000002.11
cg06962177	1.37E-27	4.25E-30	1.36E+01	57.6651531	3.53E-01	63785946	63786069	NC_000001.10
cg03207666	1.38E-27	4.28E-30	1.36E+01	57.6584805	2.13E-01	27183950	27184073	NC_000007.13
cg07318128	1.38E-27	4.29E-30	1.36E+01	57.6568512	2.00E-01	46683806	46683929	NC_000017.10
cg17961200	1.40E-27	4.37E-30	1.36E+01	57.638292	2.82E-01	135937572	135937695	NC_000009.11
cg25007447	1.40E-27	4.37E-30	1.36E+01	57.6381519	1.65E-01	93521330	93521453	NC_000012.11



cg24496475	1.43E-27	4.48E-30	1.36E+01	57.6136046	2.41E-01	1400189	1400312	NC_000004.11
cg15316843	1.45E-27	4.54E-30	1.36E+01	57.5998573	3.15E-01	65282946	65283069	NC_000008.10
cg09491542	1.53E-27	4.82E-30	1.36E+01	57.5402414	1.68E-01	154835773	154835896	NC_000006.11
cg11211486	1.65E-27	5.22E-30	1.36E+01	57.4598225	1.37E-01	46033800	46033923	NC_000003.11
cg06060135	1.79E-27	5.69E-30	1.36E+01	57.3749228	3.61E-01	3596704	3596827	NC_000005.9
cg14384532	1.81E-27	5.75E-30	1.36E+01	57.3646208	2.73E-01	88800624	88800747	NC_000015.9
cg02087954	1.87E-27	5.99E-30	1.36E+01	57.324427	3.07E-01	100609534	100609657	NC_000007.13
cg14658493	1.90E-27	6.08E-30	1.36E+01	57.309701	2.49E-01	27184077	27184200	NC_000007.13
cg26595278	1.93E-27	6.18E-30	1.36E+01	57.2934321	2.95E-01	32009163	32009286	NC_000011.9
cg26504021	1.95E-27	6.25E-30	1.36E+01	57.2822009	2.57E-01	2752882	2753005	NC_000005.9
cg13300273	1.99E-27	6.38E-30	1.35E+01	57.2615529	2.80E-01	200842890	200843013	NC_000001.10
cg02574509	2.05E-27	6.58E-30	1.35E+01	57.2298412	2.97E-01	240255377	240255500	NC_000001.10
cg16783279	2.21E-27	7.14E-30	1.35E+01	57.1492358	3.15E-01	125425625	125425748	NC_000010.10
cg18247055	2.22E-27	7.18E-30	1.35E+01	57.1439731	2.21E-01	22634226	22634349	NC_000010.10
cg10433549	2.22E-27	7.20E-30	1.35E+01	57.1407651	1.54E-01	41472748	41472871	NC_000017.10
cg14587524	2.31E-27	7.53E-30	1.35E+01	57.0957961	3.36E-01	38183262	38183385	NC_000019.9
cg05137358	2.32E-27	7.58E-30	1.35E+01	57.0898964	3.29E-01	37006127	37006250	NC_000013.10
cg11750165	2.36E-27	7.73E-30	1.35E+01	57.0701312	2.29E-01	112722233	112722356	NC_000013.10
cg04475027	2.39E-27	7.85E-30	1.35E+01	57.0553597	3.18E-01	128752040	128752163	NC_000012.11
cg14051544	2.43E-27	7.99E-30	1.35E+01	57.037707	2.70E-01	170303286	170303409	NC_000003.11
cg23301563	2.45E-27	8.08E-30	1.35E+01	57.0263081	1.56E-01	101770526	101770649	NC_000002.11
cg06183338	2.46E-27	8.12E-30	1.35E+01	57.0207903	3.24E-01	178004204	178004327	NC_000005.9
cg19697232	2.47E-27	8.15E-30	1.35E+01	57.0177368	1.25E-01	16854566	16854689	NC_000005.9
cg20764887	2.47E-27	8.17E-30	1.35E+01	57.0156907	2.96E-01	178004012	178004135	NC_000005.9
cg08569979	2.60E-27	8.60E-30	1.35E+01	56.9647096	1.27E-01	41053715	41053838	NC_000013.10

cg00022235	2.60E-27	8.62E-30	1.35E+01	56.9614513	1.78E-01	11764847	11764970	NC_000016.9
cg11028624	2.62E-27	8.69E-30	1.35E+01	56.9536192	1.96E-01	13983793	13983916	NC_000011.9
cg14500070	2.62E-27	8.70E-30	1.35E+01	56.9523895	2.14E-01	141119541	141119664	NC_000003.11
cg01217876	2.73E-27	9.08E-30	1.35E+01	56.9101218	1.64E-01	74498163	74498286	NC_000017.10
cg14441976	2.75E-27	9.15E-30	1.35E+01	56.9027342	3.24E-01	128301083	128301206	NC_000005.9
cg02394395	2.82E-27	9.43E-30	1.35E+01	56.8728957	1.24E-01	94825257	94825380	NC_000010.10
cg12744820	2.82E-27	9.45E-30	1.35E+01	56.870238	2.89E-01	137814960	137815083	NC_000006.11
cg14353137	2.87E-27	9.66E-30	1.35E+01	56.8490888	2.98E-01	67873799	67873922	NC_000008.10
cg03804213	2.89E-27	9.72E-30	1.35E+01	56.8424233	2.82E-01	37248078	37248201	NC_000013.10
cg12577942	2.98E-27	1.01E-29	1.35E+01	56.8081832	2.08E-01	90168963	90169086	NC_000004.11
cg01796166	3.11E-27	1.05E-29	1.35E+01	56.7633428	2.70E-01	95239586	95239709	NC_000014.8
cg05506365	3.32E-27	1.13E-29	1.35E+01	56.6944416	2.39E-01	105472193	105472316	NC_000002.11
cg07770968	3.35E-27	1.14E-29	1.35E+01	56.6851856	3.48E-01	53852422	53852545	NC_000008.10
cg27619367	3.38E-27	1.15E-29	1.35E+01	56.674404	1.36E-01	13150556	13150679	NC_000012.11
cg00502618	3.72E-27	1.27E-29	1.35E+01	56.5764353	1.69E-01	26952697	26952820	NC_000022.10
cg23216434	3.89E-27	1.33E-29	1.34E+01	56.5300227	1.47E-01	67871362	67871485	NC_000001.10
cg05294276	3.89E-27	1.33E-29	1.34E+01	56.5284549	2.15E-01	112618918	112619041	NC_000010.10
cg17774559	3.89E-27	1.33E-29	1.34E+01	56.5275236	3.02E-01	1879698	1879821	NC_000005.9
cg01075002	3.98E-27	1.37E-29	1.34E+01	56.5028097	1.65E-01	155450882	155451005	NC_000006.11
cg14015441	4.11E-27	1.41E-29	1.34E+01	56.4711491	2.14E-01	105479318	105479441	NC_000008.10
cg27388763	4.35E-27	1.50E-29	1.34E+01	56.4111191	1.27E-01	44648385	44648508	NC_000017.10
cg21573200	4.38E-27	1.51E-29	1.34E+01	56.4020242	2.75E-01	2739602	2739725	NC_000005.9
cg21932672	4.43E-27	1.53E-29	1.34E+01	56.3890413	1.62E-01	95584445	95584568	NC_000001.10
cg14647620	4.58E-27	1.59E-29	1.34E+01	56.352271	1.47E-01	100462742	100462865	NC_000009.11
cg02194398	4.59E-27	1.60E-29	1.34E+01	56.3491359	7.93E-02	142556368	142556491	NC_000004.11

cg26392545	4.61E-27	1.60E-29	1.34E+01	56.3457415	1.58E-01	28187379	28187502	NC_000013.10
cg04557544	4.74E-27	1.65E-29	1.34E+01	56.315748	3.50E-01	12996046	12996169	NC_000016.9
cg26393977	5.08E-27	1.78E-29	1.34E+01	56.243203	1.98E-01	37612713	37612836	NC_000008.10
cg09142313	5.12E-27	1.79E-29	1.34E+01	56.2336865	3.08E-01	72677859	72677982	NC_000005.9
cg09493505	5.13E-27	1.80E-29	1.34E+01	56.2293231	3.63E-01	49813111	49813234	NC_000007.13
cg24401487	5.27E-27	1.85E-29	1.34E+01	56.2019108	1.88E-01	230416880	230417003	NC_000001.10
cg08722660	5.34E-27	1.88E-29	1.34E+01	56.1868851	1.19E-01	201099406	201099529	NC_000001.10
cg02482218	5.39E-27	1.90E-29	1.34E+01	56.1772551	2.61E-01	12995568	12995691	NC_000016.9
cg21464220	5.45E-27	1.92E-29	1.34E+01	56.1634969	2.56E-01	242242798	242242921	NC_000002.11
cg09474331	5.49E-27	1.94E-29	1.34E+01	56.1568195	3.95E-01	54926805	54926928	NC_000019.9
cg24288527	5.66E-27	2.00E-29	1.34E+01	56.1246248	2.24E-01	93390347	93390470	NC_000010.10
cg25260137	5.75E-27	2.04E-29	1.34E+01	56.1067549	2.71E-01	65282185	65282308	NC_000008.10
cg08209711	5.94E-27	2.11E-29	1.34E+01	56.0722748	1.70E-01	32825499	32825622	NC_000006.11
cg11667258	6.21E-27	2.21E-29	1.34E+01	56.026597	2.70E-01	155107529	155107652	NC_000005.9
cg03530754	6.31E-27	2.25E-29	1.34E+01	56.0087921	3.09E-01	128751460	128751583	NC_000012.11
cg01660911	6.32E-27	2.25E-29	1.34E+01	56.0068485	3.13E-01	17082772	17082895	NC_000022.10
cg07846220	6.38E-27	2.28E-29	1.34E+01	55.9961015	3.06E-01	7117680	7117803	NC_000018.9
cg17429382	6.75E-27	2.43E-29	1.34E+01	55.9332855	3.11E-01	3786246	3786369	NC_000019.9
cg13468680	6.83E-27	2.46E-29	1.34E+01	55.9185239	1.67E-01	139393050	139393173	NC_000009.11
cg12781700	7.06E-27	2.56E-29	1.34E+01	55.8815055	3.24E-01	42733729	42733852	NC_000017.10
cg02732915	7.18E-27	2.60E-29	1.33E+01	55.8643346	1.48E-01	81120670	81120793	NC_000004.11
cg04597433	7.19E-27	2.60E-29	1.33E+01	55.8625217	2.77E-01	9783206	9783329	NC_000004.11
cg12756396	7.39E-27	2.69E-29	1.33E+01	55.8323714	2.24E-01	50886969	50887092	NC_000001.10
cg26450044	7.50E-27	2.73E-29	1.33E+01	55.815759	8.83E-02	21927746	21927869	NC_000016.9
cg23128056	7.83E-27	2.86E-29	1.33E+01	55.7688117	1.02E-01	39674626	39674749	NC_000017.10

cg26523264	8.07E-27	2.95E-29	1.33E+01	55.737481	1.33E-01	8649844	8649967	NC_000019.9
cg27616541	8.26E-27	3.03E-29	1.33E+01	55.7120048	1.73E-01	40837288	40837411	NC_000017.10
cg05151154	8.36E-27	3.08E-29	1.33E+01	55.6974328	3.82E-01	51184786	51184909	NC_000016.9
cg00552235	8.37E-27	3.08E-29	1.33E+01	55.6956697	3.18E-01	100943163	100943286	NC_000007.13
cg09614415	8.39E-27	3.09E-29	1.33E+01	55.6927169	2.46E-01	129535509	129535632	NC_000010.10
cg11178863	8.47E-27	3.12E-29	1.33E+01	55.6832455	3.49E-01	13839785	13839908	NC_000001.10
cg24089600	8.51E-27	3.14E-29	1.33E+01	55.6771657	2.91E-01	110960177	110960300	NC_000013.10
cg16348962	8.57E-27	3.17E-29	1.33E+01	55.6686182	1.28E-01	70491417	70491540	NC_000016.9
cg18082337	8.75E-27	3.24E-29	1.33E+01	55.6461207	2.95E-01	147113726	147113849	NC_000003.11
cg20884887	8.77E-27	3.25E-29	1.33E+01	55.6424445	3.69E-01	27208285	27208408	NC_000007.13
cg22910769	9.01E-27	3.35E-29	1.33E+01	55.6131806	1.87E-01	72651035	72651158	NC_000010.10
cg07926618	9.12E-27	3.39E-29	1.33E+01	55.6005367	2.29E-01	17247876	17247999	NC_000001.10
cg00177388	9.15E-27	3.41E-29	1.33E+01	55.5961379	2.58E-01	72677886	72678009	NC_000005.9
cg07533148	9.66E-27	3.61E-29	1.33E+01	55.5384876	2.90E-01	248020812	248020935	NC_000001.10
cg09997062	9.79E-27	3.66E-29	1.33E+01	55.5247945	1.31E-01	39708372	39708495	NC_000017.10
cg03609960	1.04E-26	3.91E-29	1.33E+01	55.4585059	2.90E-01	99288805	99288928	NC_000012.11
cg07847863	1.04E-26	3.93E-29	1.33E+01	55.4536118	2.73E-01	53419963	53420086	NC_000013.10
cg05648614	1.07E-26	4.03E-29	1.33E+01	55.4295058	2.22E-01	5180520	5180643	NC_000003.11
cg04992127	1.09E-26	4.11E-29	1.33E+01	55.408766	2.72E-01	2751854	2751977	NC_000005.9
cg16517298	1.14E-26	4.32E-29	1.33E+01	55.3590005	1.98E-01	230413174	230413297	NC_000001.10
cg09873510	1.26E-26	4.79E-29	1.33E+01	55.2564251	8.88E-02	65016588	65016711	NC_000005.9
cg02976898	1.27E-26	4.86E-29	1.33E+01	55.2421821	1.56E-01	76742856	76742979	NC_000010.10
cg10778841	1.30E-26	4.99E-29	1.33E+01	55.215479	3.03E-01	106401319	106401442	NC_000010.10
cg13563298	1.31E-26	5.01E-29	1.33E+01	55.2117345	3.05E-01	95948059	95948182	NC_000009.11
cg14596987	1.32E-26	5.09E-29	1.33E+01	55.1957019	1.69E-01	98249189	98249312	NC_000009.11

cg12296772	1.40E-26	5.39E-29	1.32E+01	55.1390505	2.99E-01	17271067	17271190	NC_000008.10
cg26866142	1.40E-26	5.43E-29	1.32E+01	55.1319075	1.73E-01	205779678	205779801	NC_000001.10
cg02467990	1.43E-26	5.53E-29	1.32E+01	55.1136121	3.86E-01	49813102	49813225	NC_000007.13
cg18483908	1.43E-26	5.54E-29	1.32E+01	55.111664	2.82E-01	19017420	19017543	NC_000022.10
cg05343808	1.43E-26	5.55E-29	1.32E+01	55.1108856	2.14E-01	50857635	50857758	NC_000007.13
cg03442254	1.50E-26	5.85E-29	1.32E+01	55.058987	1.80E-01	1849073	1849196	NC_000001.10
cg10671668	1.52E-26	5.92E-29	1.32E+01	55.0456218	2.96E-01	4919230	4919353	NC_000012.11
cg10004079	1.53E-26	5.97E-29	1.32E+01	55.0375483	2.08E-01	26372530	26372653	NC_000017.10
cg16855929	1.53E-26	5.99E-29	1.32E+01	55.0346077	2.36E-01	231561414	231561537	NC_000001.10
cg03727333	1.54E-26	6.02E-29	1.32E+01	55.0292309	1.51E-01	52379467	52379590	NC_000010.10
cg11431723	1.56E-26	6.11E-29	1.32E+01	55.0150502	1.68E-01	149126842	149126965	NC_000003.11
cg05475485	1.57E-26	6.15E-29	1.32E+01	55.0086512	1.70E-01	67810027	67810150	NC_000011.9
cg08832906	1.59E-26	6.25E-29	1.32E+01	54.9929282	3.10E-01	139208852	139208975	NC_000007.13
cg24914884	1.60E-26	6.31E-29	1.32E+01	54.9837013	1.83E-01	64588128	64588251	NC_000002.11
cg20405017	1.60E-26	6.31E-29	1.32E+01	54.9833678	2.23E-01	50235393	50235516	NC_000017.10
cg25691167	1.64E-26	6.48E-29	1.32E+01	54.9566959	3.15E-01	19184961	19185084	NC_000007.13
cg23259001	1.64E-26	6.48E-29	1.32E+01	54.9559453	1.78E-01	105800169	105800292	NC_000014.8
cg14699728	1.66E-26	6.58E-29	1.32E+01	54.9410141	3.12E-01	66188522	66188645	NC_000011.9
cg25308508	1.69E-26	6.67E-29	1.32E+01	54.9270761	2.53E-01	3592638	3592761	NC_000005.9
cg22797031	1.86E-26	7.41E-29	1.32E+01	54.822563	3.14E-01	170630070	170630193	NC_000001.10
cg24304309	1.90E-26	7.60E-29	1.32E+01	54.7977261	1.86E-01	154577895	154578018	NC_000001.10
cg16461861	1.92E-26	7.70E-29	1.32E+01	54.7847834	1.27E-01	43180148	43180271	NC_000005.9
cg23190190	1.93E-26	7.73E-29	1.32E+01	54.780937	1.14E-01	70031725	70031848	NC_000011.9
cg06782035	1.93E-26	7.74E-29	1.32E+01	54.7793566	3.58E-01	16179135	16179258	NC_000005.9
cg17373343	1.95E-26	7.82E-29	1.32E+01	54.7700901	2.18E-01	6026554	6026677	NC_000019.9

cg25208017	1.95E-26	7.85E-29	1.32E+01	54.7657116	3.81E-01	240255486	240255609	NC_000001.10
cg07106737	2.00E-26	8.04E-29	1.32E+01	54.741678	1.34E-01	88599035	88599158	NC_000016.9
cg07195057	2.04E-26	8.25E-29	1.32E+01	54.7167291	1.16E-01	907118	907241	NC_000001.10
cg06779449	2.05E-26	8.29E-29	1.32E+01	54.7121113	3.09E-01	42544663	42544786	NC_000020.10
cg07860213	2.06E-26	8.32E-29	1.32E+01	54.7083506	2.54E-01	70982039	70982162	NC_000008.10
cg00826626	2.07E-26	8.37E-29	1.32E+01	54.7026076	1.51E-01	19360878	19361001	NC_000014.8
cg01289769	2.08E-26	8.43E-29	1.32E+01	54.695534	2.37E-01	125077434	125077557	NC_000003.11
cg07049592	2.09E-26	8.45E-29	1.32E+01	54.6923057	1.99E-01	27184450	27184573	NC_000007.13
cg04210254	2.17E-26	8.81E-29	1.32E+01	54.650635	2.13E-01	22327148	22327271	NC_000001.10
cg19074340	2.22E-26	9.05E-29	1.32E+01	54.6247226	3.96E-01	32456912	32457035	NC_000011.9
cg19352726	2.23E-26	9.07E-29	1.32E+01	54.6222023	1.95E-01	42757805	42757928	NC_000006.11
cg13056222	2.24E-26	9.13E-29	1.32E+01	54.6161036	1.76E-01	204219199	204219322	NC_000001.10
cg00352652	2.31E-26	9.42E-29	1.32E+01	54.5846543	2.19E-01	88547533	88547656	NC_000016.9
cg18384778	2.37E-26	9.73E-29	1.32E+01	54.5519403	2.83E-01	57618136	57618259	NC_000019.9
cg01826337	2.39E-26	9.80E-29	1.32E+01	54.544876	1.42E-01	1846001	1846124	NC_000001.10
cg14235574	2.47E-26	1.02E-28	1.32E+01	54.5075243	2.15E-01	112080226	112080349	NC_000009.11
cg18009496	2.51E-26	1.03E-28	1.32E+01	54.4929139	3.20E-01	1883940	1884063	NC_000005.9
cg20465933	2.53E-26	1.04E-28	1.32E+01	54.4815738	1.42E-01	152376761	152376884	NC_000004.11
cg22770911	2.63E-26	1.09E-28	1.31E+01	54.4432722	1.83E-01	8101307	8101430	NC_000010.10
cg25750507	2.68E-26	1.11E-28	1.31E+01	54.4232579	1.99E-01	46684004	46684127	NC_000017.10
cg12560987	2.68E-26	1.11E-28	1.31E+01	54.42219	2.55E-01	1287065	1287188	NC_000007.13
cg04456238	2.72E-26	1.13E-28	1.31E+01	54.4052551	2.36E-01	32450104	32450227	NC_000011.9
cg14535746	2.72E-26	1.13E-28	1.31E+01	54.4047568	1.67E-01	96652787	96652910	NC_000012.11
cg12027899	2.81E-26	1.17E-28	1.31E+01	54.3693278	1.77E-01	58385947	58386070	NC_000011.9
cg06117133	2.85E-26	1.19E-28	1.31E+01	54.3540519	1.32E-01	67966621	67966744	NC_000016.9

cg00559444	2.85E-26	1.19E-28	1.31E+01	54.353588	1.69E-01	22028743	22028866	NC_000008.10
cg01870247	2.85E-26	1.19E-28	1.31E+01	54.3497844	1.27E-01	31354127	31354250	NC_000020.10
cg05261299	2.96E-26	1.24E-28	1.31E+01	54.3114615	1.98E-01	52437299	52437422	NC_000012.11
cg05522011	3.00E-26	1.26E-28	1.31E+01	54.2987983	2.05E-01	81122726	81122849	NC_000004.11
cg11075099	3.04E-26	1.27E-28	1.31E+01	54.284252	1.74E-01	27829087	27829210	NC_000013.10
cg07068756	3.06E-26	1.29E-28	1.31E+01	54.275551	3.53E-01	41258910	41259033	NC_000004.11
cg15384598	3.18E-26	1.34E-28	1.31E+01	54.2358679	3.03E-01	24045549	24045672	NC_000014.8
cg25974626	3.28E-26	1.38E-28	1.31E+01	54.2018915	1.14E-01	32977142	32977265	NC_000007.13
cg14416371	3.28E-26	1.39E-28	1.31E+01	54.2009176	3.70E-01	43602847	43602970	NC_000011.9
cg13794530	3.33E-26	1.41E-28	1.31E+01	54.1858396	3.14E-01	158937494	158937617	NC_000007.13
cg00688962	3.38E-26	1.43E-28	1.31E+01	54.1706777	2.14E-01	21950567	21950690	NC_000004.11
cg02721665	3.47E-26	1.47E-28	1.31E+01	54.1403963	2.29E-01	125425583	125425706	NC_000010.10
cg08305436	3.62E-26	1.54E-28	1.31E+01	54.0949976	2.32E-01	22806184	22806307	NC_000019.9
cg20989443	3.65E-26	1.56E-28	1.31E+01	54.0839105	2.06E-01	230301268	230301391	NC_000001.10
cg27659787	3.93E-26	1.68E-28	1.31E+01	54.0067608	2.62E-01	111544291	111544414	NC_000004.11
cg24626752	3.97E-26	1.70E-28	1.31E+01	53.9962998	1.91E-01	88328274	88328397	NC_000013.10
cg14030258	4.08E-26	1.76E-28	1.31E+01	53.9641631	1.70E-01	29591301	29591424	NC_000001.10
cg19694519	4.17E-26	1.80E-28	1.31E+01	53.9419813	1.66E-01	22389206	22389329	NC_000008.10
cg11232245	4.21E-26	1.82E-28	1.31E+01	53.9307438	2.05E-01	101284535	101284658	NC_000010.10
cg04138185	4.29E-26	1.85E-28	1.31E+01	53.9123198	3.60E-01	84322584	84322707	NC_000015.9
cg09793121	4.36E-26	1.89E-28	1.31E+01	53.8949207	2.50E-01	34398263	34398386	NC_000021.8
cg02642962	4.80E-26	2.09E-28	1.31E+01	53.7906003	1.72E-01	124610404	124610527	NC_000010.10
cg09595050	4.82E-26	2.10E-28	1.31E+01	53.7858274	2.11E-01	81110205	81110328	NC_000004.11
cg20817131	4.97E-26	2.17E-28	1.30E+01	53.7534231	2.35E-01	27184167	27184290	NC_000007.13
cg14624314	5.10E-26	2.23E-28	1.30E+01	53.7272673	2.46E-01	145328877	145329000	NC_000005.9

cg25517810	5.13E-26	2.25E-28	1.30E+01	53.7189078	2.86E-01	105474385	105474508	NC_000002.11
cg01819995	5.25E-26	2.30E-28	1.30E+01	53.6960043	1.66E-01	30537979	30538102	NC_000020.10
cg27416372	5.34E-26	2.34E-28	1.30E+01	53.6780516	2.32E-01	147110229	147110352	NC_000003.11
cg02091605	5.37E-26	2.36E-28	1.30E+01	53.669648	2.56E-01	1776102	1776225	NC_000019.9
cg14698646	5.47E-26	2.41E-28	1.30E+01	53.6510029	2.42E-01	46684750	46684873	NC_000017.10
cg20754261	5.49E-26	2.42E-28	1.30E+01	53.6466173	2.92E-01	468330	468453	NC_000002.11
cg26050906	5.52E-26	2.44E-28	1.30E+01	53.6397203	1.53E-01	50800202	50800325	NC_000007.13
cg09388605	6.09E-26	2.70E-28	1.30E+01	53.5375158	2.64E-01	56013800	56013923	NC_000008.10
cg16052972	6.11E-26	2.71E-28	1.30E+01	53.5330983	1.35E-01	12184833	12184956	NC_000003.11
cg09521703	6.21E-26	2.76E-28	1.30E+01	53.5155911	2.11E-01	55944864	55944987	NC_000019.9
cg01485075	6.40E-26	2.86E-28	1.30E+01	53.4823359	3.47E-01	22817371	22817494	NC_000019.9
cg10366867	6.45E-26	2.88E-28	1.30E+01	53.472575	1.28E-01	88804589	88804712	NC_000016.9
cg08767286	6.56E-26	2.94E-28	1.30E+01	53.4545772	2.15E-01	237077265	237077388	NC_000002.11
cg23847712	6.62E-26	2.97E-28	1.30E+01	53.444571	2.64E-01	9783196	9783319	NC_000004.11
cg15239304	6.72E-26	3.01E-28	1.30E+01	53.4282063	1.28E-01	224810907	224811030	NC_000002.11
cg02628107	6.93E-26	3.11E-28	1.30E+01	53.3962419	1.03E-01	10279354	10279477	NC_000005.9
cg07033372	6.98E-26	3.14E-28	1.30E+01	53.3878416	2.57E-01	37353032	37353155	NC_000020.10
cg18578405	7.13E-26	3.21E-28	1.30E+01	53.3653732	2.80E-01	12996057	12996180	NC_000016.9
cg20522046	7.13E-26	3.21E-28	1.30E+01	53.3643474	1.66E-01	52024792	52024915	NC_000013.10
cg19937061	7.51E-26	3.40E-28	1.30E+01	53.3097038	2.93E-01	25320133	25320256	NC_000013.10
cg21678445	7.54E-26	3.41E-28	1.30E+01	53.3048235	3.80E-01	22930283	22930406	NC_000018.9
cg25415246	7.58E-26	3.43E-28	1.30E+01	53.299088	2.13E-01	1762710	1762833	NC_000019.9
cg05012672	7.65E-26	3.47E-28	1.30E+01	53.2880054	1.89E-01	3189830	3189953	NC_000019.9
cg22504528	7.75E-26	3.52E-28	1.30E+01	53.2745308	2.35E-01	26951369	26951492	NC_000022.10
cg09061993	7.80E-26	3.55E-28	1.30E+01	53.2668933	2.26E-01	211499620	211499743	NC_000001.10



cg01535698	7.81E-26	3.55E-28	1.30E+01	53.2652853	3.20E-01	240255136	240255259	NC_000001.10
cg16352072	7.82E-26	3.56E-28	1.30E+01	53.2627174	1.54E-01	910223	910346	NC_000001.10
cg11946583	7.82E-26	3.56E-28	1.30E+01	53.2623703	2.12E-01	75674098	75674221	NC_000007.13
cg03171770	7.86E-26	3.58E-28	1.30E+01	53.2561403	2.72E-01	43393728	43393851	NC_000010.10
cg05206884	8.00E-26	3.66E-28	1.30E+01	53.2359281	3.24E-01	33454324	33454447	NC_000022.10
cg25999442	8.04E-26	3.68E-28	1.30E+01	53.2303754	3.55E-01	34113398	34113521	NC_000019.9
cg03187713	8.31E-26	3.81E-28	1.30E+01	53.1963268	1.55E-01	51330698	51330821	NC_000007.13
cg18372607	8.36E-26	3.83E-28	1.30E+01	53.1896586	2.91E-01	31827084	31827207	NC_000011.9
cg16962557	8.41E-26	3.86E-28	1.30E+01	53.1837772	1.52E-01	153587387	153587510	NC_000004.11
cg06062984	8.52E-26	3.92E-28	1.30E+01	53.1678037	2.68E-01	22413960	22414083	NC_000003.11
cg02393617	8.52E-26	3.92E-28	1.30E+01	53.1675704	1.21E-01	20087765	20087888	NC_000011.9
cg17963548	8.65E-26	3.98E-28	1.30E+01	53.1510776	1.31E-01	224824723	224824846	NC_000002.11
cg03221715	8.69E-26	4.01E-28	1.30E+01	53.1455475	1.61E-01	129148362	129148485	NC_000003.11
cg01283246	8.70E-26	4.01E-28	1.30E+01	53.1442064	3.20E-01	135266135	135266258	NC_000005.9
cg03952724	8.77E-26	4.05E-28	1.30E+01	53.1347826	1.10E-01	30333365	30333488	NC_000008.10
cg22167515	8.82E-26	4.07E-28	1.30E+01	53.1294436	2.70E-01	91192466	91192589	NC_000001.10
cg15874092	8.82E-26	4.08E-28	1.30E+01	53.1281281	2.75E-01	59827921	59828044	NC_000020.10
cg08092050	8.83E-26	4.08E-28	1.30E+01	53.1270978	1.70E-01	78734858	78734981	NC_000015.9
cg00940260	8.93E-26	4.13E-28	1.30E+01	53.1142112	1.94E-01	47064750	47064873	NC_000001.10
cg20049415	8.93E-26	4.14E-28	1.30E+01	53.113777	2.18E-01	21377671	21377794	NC_000020.10
cg27225130	8.96E-26	4.15E-28	1.30E+01	53.1096345	1.32E-01	208218009	208218132	NC_000001.10
cg07125166	9.06E-26	4.21E-28	1.30E+01	53.097201	1.94E-01	48413613	48413736	NC_000003.11
cg24266670	9.37E-26	4.36E-28	1.29E+01	53.0610418	3.00E-01	115630629	115630752	NC_000011.9
cg02983163	9.39E-26	4.37E-28	1.29E+01	53.0588185	2.06E-01	47010461	47010584	NC_000021.8
cg08802358	9.39E-26	4.38E-28	1.29E+01	53.0580741	2.01E-01	176524797	176524920	NC_000005.9

cg16179589	9.41E-26	4.39E-28	1.29E+01	53.055086	2.34E-01	36107292	36107415	NC_000017.10
cg06271327	9.56E-26	4.46E-28	1.29E+01	53.0391459	6.72E-02	8062512	8062635	NC_000017.10
cg27649239	9.92E-26	4.64E-28	1.29E+01	53.0006023	1.99E-01	68120393	68120516	NC_000015.9
cg11399546	9.92E-26	4.64E-28	1.29E+01	53.0005375	2.38E-01	226730561	226730684	NC_000001.10
cg14465148	1.03E-25	4.80E-28	1.29E+01	52.9650706	1.30E-01	3329791	3329914	NC_000006.11
cg10293925	1.03E-25	4.81E-28	1.29E+01	52.9635053	3.20E-01	38670985	38671108	NC_000007.13
cg26862964	1.03E-25	4.83E-28	1.29E+01	52.9602485	1.62E-01	114878283	114878406	NC_000004.11
cg12201110	1.05E-25	4.96E-28	1.29E+01	52.934099	1.49E-01	95321963	95322086	NC_000005.9
cg00625351	1.06E-25	5.01E-28	1.29E+01	52.9242912	1.33E-01	34048130	34048253	NC_000003.11
cg14684068	1.06E-25	5.01E-28	1.29E+01	52.9238583	1.70E-01	63894400	63894523	NC_000011.9
cg22795586	1.07E-25	5.06E-28	1.29E+01	52.9132906	2.25E-01	170629555	170629678	NC_000001.10
cg12017745	1.09E-25	5.15E-28	1.29E+01	52.8963707	2.29E-01	65352327	65352450	NC_000011.9
cg13530474	1.09E-25	5.17E-28	1.29E+01	52.892209	1.85E-01	97339939	97340062	NC_000008.10
cg05300538	1.09E-25	5.17E-28	1.29E+01	52.8916622	9.33E-02	64898766	64898889	NC_000011.9
cg06535102	1.14E-25	5.40E-28	1.29E+01	52.8489295	1.63E-01	95101861	95101984	NC_000001.10
cg19774425	1.14E-25	5.42E-28	1.29E+01	52.8445373	1.36E-01	51327477	51327600	NC_000019.9
cg09632858	1.15E-25	5.48E-28	1.29E+01	52.8347975	1.88E-01	27219548	27219671	NC_000016.9
cg18657094	1.16E-25	5.53E-28	1.29E+01	52.8252341	2.91E-01	2140030	2140153	NC_000003.11
cg16989443	1.17E-25	5.57E-28	1.29E+01	52.8188674	1.98E-01	1849195	1849318	NC_000001.10
cg05468917	1.20E-25	5.72E-28	1.29E+01	52.7915235	1.33E-01	2882180	2882303	NC_000016.9
cg09469566	1.20E-25	5.74E-28	1.29E+01	52.788148	2.14E-01	112717244	112717367	NC_000013.10
cg24031355	1.25E-25	6.01E-28	1.29E+01	52.7429803	3.07E-01	22634439	22634562	NC_000010.10
cg10089865	1.26E-25	6.03E-28	1.29E+01	52.7389695	1.38E-01	8100286	8100409	NC_000010.10
cg00872726	1.26E-25	6.05E-28	1.29E+01	52.736686	2.33E-01	97499908	97500031	NC_000014.8
cg21885046	1.26E-25	6.06E-28	1.29E+01	52.7337596	3.08E-01	130647004	130647127	NC_000012.11

cg24792365	1.27E-25	6.09E-28	1.29E+01	52.7295842	1.01E-01	188869178	188869301	NC_000003.11
cg04136610	1.27E-25	6.10E-28	1.29E+01	52.7283066	3.40E-01	5139878	5140001	NC_000005.9
cg09907936	1.29E-25	6.21E-28	1.29E+01	52.7092165	3.35E-01	58570466	58570589	NC_000019.9
cg15382538	1.31E-25	6.32E-28	1.29E+01	52.693261	2.33E-01	72678193	72678316	NC_000005.9
cg06353485	1.33E-25	6.41E-28	1.29E+01	52.6790254	1.88E-01	3409927	3410050	NC_000004.11
cg16631083	1.33E-25	6.43E-28	1.29E+01	52.6750514	2.55E-01	33250039	33250162	NC_000021.8
cg06891164	1.34E-25	6.46E-28	1.29E+01	52.6702815	1.39E-01	105451249	105451372	NC_000014.8
cg24663256	1.43E-25	6.97E-28	1.29E+01	52.5948464	2.86E-01	21950307	21950430	NC_000004.11
cg14373380	1.44E-25	7.04E-28	1.29E+01	52.5850387	1.55E-01	16268457	16268580	NC_000001.10
cg12159189	1.48E-25	7.24E-28	1.29E+01	52.5579306	2.79E-01	17850521	17850644	NC_000022.10
cg11281005	1.48E-25	7.24E-28	1.29E+01	52.5576818	1.74E-01	113396948	113397071	NC_000013.10
cg06159486	1.48E-25	7.26E-28	1.29E+01	52.554653	2.57E-01	18429691	18429814	NC_000010.10
cg05333149	1.49E-25	7.28E-28	1.29E+01	52.5512687	1.78E-01	29660173	29660296	NC_000022.10
cg12477716	1.55E-25	7.60E-28	1.29E+01	52.5093661	3.92E-01	47073436	47073559	NC_000017.10
cg06625077	1.60E-25	7.86E-28	1.29E+01	52.476322	1.61E-01	67963638	67963761	NC_000016.9
cg03190219	1.63E-25	8.04E-28	1.29E+01	52.4528014	2.19E-01	25898688	25898811	NC_000007.13
cg14197071	1.65E-25	8.13E-28	1.29E+01	52.4417359	2.49E-01	81110459	81110582	NC_000004.11
cg20143970	1.66E-25	8.19E-28	1.29E+01	52.4345752	1.53E-01	323570	323693	NC_000006.11
cg12178147	1.70E-25	8.42E-28	1.29E+01	52.4073689	1.95E-01	109576929	109577052	NC_000012.11
cg01874697	1.70E-25	8.43E-28	1.29E+01	52.4067302	2.45E-01	106401517	106401640	NC_000010.10
cg11097433	1.73E-25	8.56E-28	1.29E+01	52.3908062	2.83E-01	108924557	108924680	NC_000010.10
cg03181248	1.76E-25	8.72E-28	1.28E+01	52.3722328	2.54E-01	175199670	175199793	NC_000002.11
cg12599168	1.77E-25	8.76E-28	1.28E+01	52.3677347	2.23E-01	142554539	142554662	NC_000007.13
cg00461236	1.77E-25	8.79E-28	1.28E+01	52.3647476	1.84E-01	86704016	86704139	NC_000016.9
cg01804278	1.81E-25	8.97E-28	1.28E+01	52.3449854	1.88E-01	63894802	63894925	NC_000011.9

cg03939132	1.81E-25	8.99E-28	1.28E+01	52.3426853	1.76E-01	19316305	19316428	NC_000001.10
cg08858649	1.83E-25	9.09E-28	1.28E+01	52.3309038	2.45E-01	30139903	30140026	NC_000006.11
cg06601579	1.86E-25	9.24E-28	1.28E+01	52.3147313	2.01E-01	142966	143089	NC_000007.13
cg21183256	1.96E-25	9.77E-28	1.28E+01	52.2590232	2.75E-01	73163868	73163991	NC_000008.10
cg11507187	1.99E-25	9.97E-28	1.28E+01	52.2393955	1.28E-01	149636432	149636555	NC_000005.9
cg21899596	1.99E-25	9.98E-28	1.28E+01	52.2388078	3.56E-01	57522493	57522616	NC_000004.11
cg23243867	2.00E-25	1.00E-27	1.28E+01	52.2352402	3.16E-01	77334045	77334168	NC_000001.10
cg11911286	2.02E-25	1.01E-27	1.28E+01	52.2251741	2.44E-01	109177239	109177362	NC_000002.11
cg01024458	2.03E-25	1.02E-27	1.28E+01	52.2155227	2.86E-01	8703816	8703939	NC_000001.10
cg10177528	2.10E-25	1.06E-27	1.28E+01	52.1808197	1.82E-01	211499638	211499761	NC_000001.10
cg14123923	2.14E-25	1.08E-27	1.28E+01	52.1605119	3.07E-01	79176572	79176695	NC_000013.10
cg26313188	2.16E-25	1.09E-27	1.28E+01	52.1499655	1.73E-01	9225416	9225539	NC_000017.10
cg19679633	2.17E-25	1.09E-27	1.28E+01	52.1478437	3.28E-01	2752278	2752401	NC_000005.9
cg07906527	2.17E-25	1.10E-27	1.28E+01	52.1439071	1.61E-01	204116483	204116606	NC_000001.10
cg00801823	2.27E-25	1.15E-27	1.28E+01	52.1012073	1.30E-01	64061354	64061477	NC_000005.9
cg26328893	2.31E-25	1.17E-27	1.28E+01	52.0778082	1.47E-01	105747540	105747663	NC_000014.8
cg25016420	2.36E-25	1.20E-27	1.28E+01	52.0559283	2.06E-01	12989053	12989176	NC_000020.10
cg21135135	2.43E-25	1.23E-27	1.28E+01	52.0277263	2.73E-01	70597687	70597810	NC_000007.13
cg10164264	2.50E-25	1.27E-27	1.28E+01	51.998698	1.79E-01	1373477	1373600	NC_000004.11
cg17643662	2.50E-25	1.27E-27	1.28E+01	51.9952949	1.55E-01	30407052	30407175	NC_000020.10
cg21054521	2.60E-25	1.33E-27	1.28E+01	51.9530524	2.51E-01	112759386	112759509	NC_000013.10
cg21538631	2.62E-25	1.34E-27	1.28E+01	51.9442496	2.44E-01	53391662	53391785	NC_000001.10
cg12006284	2.63E-25	1.35E-27	1.28E+01	51.9403932	2.14E-01	32449638	32449761	NC_000011.9
cg20062116	2.69E-25	1.38E-27	1.28E+01	51.9187635	1.73E-01	98780453	98780576	NC_000010.10
cg02123767	2.70E-25	1.38E-27	1.28E+01	51.9140252	2.41E-01	71295007	71295130	NC_000017.10

cg26389281	2.79E-25	1.44E-27	1.28E+01	51.8771873	1.31E-01	915978	916101	NC_000017.10
cg14556188	2.81E-25	1.45E-27	1.28E+01	51.867256	1.16E-01	144523541	144523664	NC_000008.10
cg12729166	2.83E-25	1.46E-27	1.28E+01	51.8603983	1.47E-01	100110390	100110513	NC_000001.10
cg07547765	2.85E-25	1.47E-27	1.28E+01	51.8552168	2.42E-01	46685448	46685571	NC_000017.10
cg10093934	2.87E-25	1.48E-27	1.28E+01	51.8445869	1.51E-01	173423557	173423680	NC_000002.11
cg10991081	2.95E-25	1.53E-27	1.28E+01	51.8154891	9.56E-02	201960135	201960258	NC_000001.10
cg14397309	2.96E-25	1.53E-27	1.28E+01	51.8112926	1.27E-01	48437909	48438032	NC_000012.11
cg11452043	3.01E-25	1.56E-27	1.28E+01	51.7938863	2.00E-01	131814000	131814123	NC_000002.11
cg00228689	3.02E-25	1.57E-27	1.28E+01	51.7906638	1.16E-01	53742112	53742235	NC_000001.10
cg20311863	3.03E-25	1.58E-27	1.28E+01	51.7838529	2.34E-01	91184126	91184249	NC_000001.10
cg23479922	3.04E-25	1.58E-27	1.28E+01	51.7824521	2.13E-01	16179633	16179756	NC_000005.9
cg08963581	3.11E-25	1.62E-27	1.28E+01	51.7586808	1.40E-01	72863301	72863424	NC_000016.9
cg22763718	3.19E-25	1.66E-27	1.28E+01	51.7330029	2.89E-01	53422780	53422903	NC_000013.10
cg22996718	3.20E-25	1.67E-27	1.28E+01	51.7293113	9.14E-02	26138213	26138336	NC_000022.10
cg18273421	3.23E-25	1.69E-27	1.28E+01	51.7138444	1.25E-01	31734554	31734677	NC_000006.11
cg04117356	3.25E-25	1.70E-27	1.28E+01	51.7074799	2.24E-01	4406024	4406147	NC_000017.10
cg24008395	3.29E-25	1.72E-27	1.28E+01	51.6958631	9.87E-02	56069567	56069690	NC_000017.10
cg00127167	3.34E-25	1.75E-27	1.27E+01	51.6807941	2.46E-01	5140029	5140152	NC_000005.9
cg03693099	3.38E-25	1.77E-27	1.27E+01	51.6677728	2.06E-01	135936901	135937024	NC_000009.11
cg00315395	3.46E-25	1.82E-27	1.27E+01	51.6432858	2.46E-01	129145951	129146074	NC_000011.9
cg22757824	3.51E-25	1.85E-27	1.27E+01	51.6260669	3.13E-01	110960186	110960309	NC_000013.10
cg12440350	3.55E-25	1.87E-27	1.27E+01	51.612936	1.41E-01	17084335	17084458	NC_000001.10
cg20673829	3.58E-25	1.89E-27	1.27E+01	51.6054472	2.91E-01	158938060	158938183	NC_000007.13
cg03291548	3.61E-25	1.91E-27	1.27E+01	51.5943198	1.52E-01	18266804	18266927	NC_000022.10
cg13458645	3.61E-25	1.91E-27	1.27E+01	51.5942367	2.79E-01	111544271	111544394	NC_000004.11

cg02927058	3.63E-25	1.92E-27	1.27E+01	51.5896417	1.75E-01	10116780	10116903	NC_000001.10
cg01093311	3.63E-25	1.92E-27	1.27E+01	51.5870593	1.42E-01	31491009	31491132	NC_000014.8
cg22304612	3.65E-25	1.93E-27	1.27E+01	51.5822882	2.67E-01	2781241	2781364	NC_000020.10
cg01856162	3.80E-25	2.02E-27	1.27E+01	51.5386669	1.89E-01	233350940	233351063	NC_000002.11
cg24804436	3.84E-25	2.04E-27	1.27E+01	51.528813	8.19E-02	42955017	42955140	NC_000006.11
cg23042510	3.89E-25	2.07E-27	1.27E+01	51.5143618	2.02E-01	131757695	131757818	NC_000010.10
cg03692651	3.91E-25	2.08E-27	1.27E+01	51.5088576	3.23E-01	22444593	22444716	NC_000019.9
cg15446391	3.97E-25	2.12E-27	1.27E+01	51.4910434	1.83E-01	32452370	32452493	NC_000011.9
cg06382344	4.02E-25	2.15E-27	1.27E+01	51.4775452	2.88E-01	162280519	162280642	NC_000002.11
cg16508480	4.08E-25	2.18E-27	1.27E+01	51.4610551	3.35E-01	5139874	5139997	NC_000005.9
cg01713086	4.10E-25	2.19E-27	1.27E+01	51.4551183	6.10E-02	28268413	28268536	NC_000008.10
cg01645753	4.16E-25	2.23E-27	1.27E+01	51.4380756	3.04E-01	83316734	83316857	NC_000015.9
cg26814276	4.24E-25	2.28E-27	1.27E+01	51.4169395	3.11E-01	172734266	172734389	NC_000004.11
cg07014673	4.28E-25	2.30E-27	1.27E+01	51.4071625	3.21E-01	237078733	237078856	NC_000002.11
cg17445490	4.32E-25	2.33E-27	1.27E+01	51.3962504	1.87E-01	21642517	21642640	NC_000001.10
cg14658067	4.46E-25	2.41E-27	1.27E+01	51.3635993	2.50E-01	1273394	1273517	NC_000007.13
cg16239296	4.52E-25	2.44E-27	1.27E+01	51.3496902	1.13E-01	83736925	83737048	NC_000015.9
cg04159077	4.55E-25	2.46E-27	1.27E+01	51.3425896	1.42E-01	81110820	81110943	NC_000010.10
cg05937737	4.65E-25	2.52E-27	1.27E+01	51.3173447	2.28E-01	170303540	170303663	NC_000003.11
cg24621437	4.69E-25	2.54E-27	1.27E+01	51.3092218	3.04E-01	108924560	108924683	NC_000010.10
cg16709232	4.74E-25	2.57E-27	1.27E+01	51.2975776	2.76E-01	72322154	72322277	NC_000017.10
cg03560996	4.77E-25	2.59E-27	1.27E+01	51.2912384	1.31E-01	31733908	31734031	NC_000006.11
cg06528306	4.81E-25	2.61E-27	1.27E+01	51.2815428	3.57E-01	53852661	53852784	NC_000008.10
cg13944175	4.87E-25	2.65E-27	1.27E+01	51.2688412	2.40E-01	52222698	52222821	NC_000019.9
cg18777119	4.90E-25	2.67E-27	1.27E+01	51.2609275	2.99E-01	30017829	30017952	NC_000019.9

cg09767822	4.90E-25	2.67E-27	1.27E+01	51.2608241	1.80E-01	20178040	20178163	NC_000011.9
cg19922137	4.94E-25	2.69E-27	1.27E+01	51.2529572	2.35E-01	210111561	210111684	NC_000001.10
cg14058551	5.07E-25	2.76E-27	1.27E+01	51.226796	1.96E-01	115313103	115313226	NC_000009.11
cg08759276	5.13E-25	2.80E-27	1.27E+01	51.2125313	1.62E-01	86644262	86644385	NC_000016.9
cg24604013	5.17E-25	2.83E-27	1.27E+01	51.202594	2.45E-01	112721325	112721448	NC_000013.10
cg11071231	5.22E-25	2.86E-27	1.27E+01	51.1936863	2.95E-01	57069907	57070030	NC_000008.10
cg19126300	5.33E-25	2.92E-27	1.27E+01	51.1710217	3.08E-01	32457162	32457285	NC_000011.9
cg21265287	5.35E-25	2.94E-27	1.27E+01	51.165017	1.09E-01	1228383	1228506	NC_000001.10
cg19761848	5.38E-25	2.95E-27	1.27E+01	51.1602407	2.77E-01	237076815	237076938	NC_000002.11
cg15054725	5.42E-25	2.98E-27	1.27E+01	51.1526634	2.97E-01	223176606	223176729	NC_000002.11
cg06932616	5.53E-25	3.05E-27	1.27E+01	51.1289175	1.31E-01	48908335	48908458	NC_000019.9
cg09627302	5.55E-25	3.06E-27	1.27E+01	51.1249992	1.35E-01	31432787	31432910	NC_000003.11
cg16175941	5.68E-25	3.14E-27	1.27E+01	51.0993599	2.50E-01	154779103	154779226	NC_000006.11
cg24101039	5.69E-25	3.14E-27	1.27E+01	51.0976547	2.55E-01	21470054	21470177	NC_000007.13
cg12480375	5.83E-25	3.23E-27	1.27E+01	51.0698188	1.40E-01	30135523	30135646	NC_000006.11
cg10453719	5.86E-25	3.25E-27	1.27E+01	51.0641762	2.42E-01	165305050	165305173	NC_000004.11
cg13075537	6.15E-25	3.42E-27	1.27E+01	51.0129326	2.68E-01	25810696	25810819	NC_000001.10
cg13914024	6.24E-25	3.48E-27	1.27E+01	50.9969114	1.76E-01	161009644	161009767	NC_000001.10
cg27356162	6.33E-25	3.54E-27	1.26E+01	50.9809573	1.49E-01	65347283	65347406	NC_000015.9
cg23658709	6.39E-25	3.57E-27	1.26E+01	50.9711375	1.70E-01	38120185	38120308	NC_000006.11
cg02415779	6.43E-25	3.60E-27	1.26E+01	50.9629114	2.68E-01	18527778	18527901	NC_000022.10
cg04534765	6.46E-25	3.62E-27	1.26E+01	50.9590607	2.93E-01	74962369	74962492	NC_000018.9
cg05447556	6.49E-25	3.64E-27	1.26E+01	50.9523585	1.16E-01	38377633	38377756	NC_000022.10
cg11958675	6.50E-25	3.65E-27	1.26E+01	50.950921	1.40E-01	35618813	35618936	NC_000010.10
cg24681438	6.51E-25	3.65E-27	1.26E+01	50.949103	1.59E-01	241627226	241627349	NC_000002.11

cg24708471	6.51E-25	3.66E-27	1.26E+01	50.9481804	3.58E-01	30719437	30719560	NC_000019.9
cg21597025	6.59E-25	3.71E-27	1.26E+01	50.9346126	1.61E-01	142837564	142837687	NC_000003.11
cg14514120	6.80E-25	3.83E-27	1.26E+01	50.9012188	1.62E-01	64801624	64801747	NC_000012.11
cg01047586	6.80E-25	3.83E-27	1.26E+01	50.9011982	3.24E-01	176933407	176933530	NC_000002.11
cg08146323	6.86E-25	3.87E-27	1.26E+01	50.8915323	2.56E-01	57183118	57183241	NC_000019.9
cg11342234	7.28E-25	4.12E-27	1.26E+01	50.8292497	1.58E-01	2710838	2710961	NC_000011.9
cg26709300	7.33E-25	4.15E-27	1.26E+01	50.8225103	2.25E-01	30106682	30106805	NC_000016.9
cg12740910	7.37E-25	4.18E-27	1.26E+01	50.815778	1.85E-01	147233887	147234010	NC_000001.10
cg16763574	7.45E-25	4.22E-27	1.26E+01	50.8045327	1.81E-01	111937052	111937175	NC_000013.10
cg03217795	7.45E-25	4.23E-27	1.26E+01	50.8031524	3.30E-01	23847556	23847679	NC_000016.9
cg00540067	7.45E-25	4.23E-27	1.26E+01	50.8028567	2.15E-01	126074344	126074467	NC_000003.11
cg10266211	7.54E-25	4.28E-27	1.26E+01	50.7903426	1.94E-01	4860082	4860205	NC_000004.11
cg27473355	7.64E-25	4.35E-27	1.26E+01	50.7744706	1.20E-01	28915234	28915357	NC_000016.9
cg16729415	7.67E-25	4.37E-27	1.26E+01	50.7710462	3.60E-01	35047203	35047326	NC_000015.9
cg02259384	7.80E-25	4.45E-27	1.26E+01	50.7529059	1.82E-01	58523373	58523496	NC_000003.11
cg17214456	7.85E-25	4.49E-27	1.26E+01	50.7445958	1.06E-01	102216984	102217107	NC_000012.11
cg02421985	7.89E-25	4.51E-27	1.26E+01	50.7393352	2.56E-01	180527547	180527670	NC_000005.9
cg05167251	8.04E-25	4.60E-27	1.26E+01	50.7188318	2.53E-01	176987465	176987588	NC_000002.11
cg14487131	8.12E-25	4.65E-27	1.26E+01	50.7090254	3.76E-01	79633737	79633860	NC_000009.11
cg11665583	8.23E-25	4.72E-27	1.26E+01	50.6947898	1.24E-01	26893201	26893324	NC_000022.10
cg11728747	8.53E-25	4.91E-27	1.26E+01	50.6549922	2.47E-01	29037910	29038033	NC_000007.13
cg05797615	8.62E-25	4.97E-27	1.26E+01	50.6428751	1.74E-01	220925515	220925638	NC_000001.10
cg21680980	8.82E-25	5.09E-27	1.26E+01	50.618556	1.28E-01	221069572	221069695	NC_000001.10
cg18127659	9.03E-25	5.22E-27	1.26E+01	50.5936343	1.38E-01	170617566	170617689	NC_000006.11
cg10811502	9.19E-25	5.32E-27	1.26E+01	50.5755304	1.54E-01	30407370	30407493	NC_000020.10



cg07963234	9.23E-25	5.34E-27	1.26E+01	50.5709487	2.64E-01	5894923	5895046	NC_000004.11
cg09591329	9.44E-25	5.48E-27	1.26E+01	50.5459396	1.67E-01	102388664	102388787	NC_000002.11
cg21641458	9.49E-25	5.51E-27	1.26E+01	50.5397031	2.18E-01	27185136	27185259	NC_000007.13
cg04698114	9.94E-25	5.79E-27	1.26E+01	50.491325	2.58E-01	51184379	51184502	NC_000016.9
cg19101893	1.00E-24	5.85E-27	1.26E+01	50.4801462	1.91E-01	43283862	43283985	NC_000001.10
cg01709312	1.01E-24	5.87E-27	1.26E+01	50.477104	2.11E-01	112630835	112630958	NC_000010.10
cg18627235	1.01E-24	5.92E-27	1.26E+01	50.4687399	2.84E-01	96342747	96342870	NC_000014.8
cg02387639	1.02E-24	6.00E-27	1.26E+01	50.4564541	1.12E-01	179384293	179384416	NC_000003.11
cg25612297	1.03E-24	6.04E-27	1.26E+01	50.4494044	1.58E-01	64046701	64046824	NC_000002.11
cg07502439	1.04E-24	6.11E-27	1.26E+01	50.4376285	2.24E-01	51185461	51185584	NC_000016.9
cg15499701	1.07E-24	6.29E-27	1.26E+01	50.4090089	9.29E-02	33208306	33208429	NC_000019.9
cg04413148	1.07E-24	6.31E-27	1.26E+01	50.4059359	1.95E-01	67965867	67965990	NC_000016.9
cg13495205	1.07E-24	6.31E-27	1.26E+01	50.4055966	3.27E-01	4714033	4714156	NC_000001.10
cg20266316	1.08E-24	6.33E-27	1.26E+01	50.4017268	2.81E-01	98247587	98247710	NC_000007.13
cg07022279	1.08E-24	6.38E-27	1.26E+01	50.39538	1.79E-01	64703637	64703760	NC_000011.9
cg04671611	1.08E-24	6.38E-27	1.26E+01	50.3952683	2.77E-01	6623787	6623910	NC_000016.9
cg26047066	1.08E-24	6.38E-27	1.26E+01	50.3949559	2.83E-01	221069136	221069259	NC_000001.10
cg21606866	1.10E-24	6.48E-27	1.26E+01	50.3797247	1.92E-01	43735174	43735297	NC_000001.10
cg19296501	1.10E-24	6.51E-27	1.26E+01	50.3751568	1.12E-01	1371045	1371168	NC_000004.11
cg03422651	1.10E-24	6.51E-27	1.26E+01	50.3742656	1.47E-01	2542324	2542447	NC_000016.9
cg26920808	1.11E-24	6.55E-27	1.26E+01	50.368019	1.75E-01	72237548	72237671	NC_000012.11
cg00421335	1.13E-24	6.68E-27	1.26E+01	50.3492238	1.63E-01	71206528	71206651	NC_000002.11
cg13264399	1.17E-24	6.93E-27	1.26E+01	50.3118248	1.65E-01	176944987	176945110	NC_000002.11
cg23348372	1.17E-24	6.94E-27	1.26E+01	50.3115553	1.93E-01	86282139	86282262	NC_000002.11
cg06610464	1.17E-24	6.96E-27	1.26E+01	50.308095	1.65E-01	40243608	40243731	NC_000020.10

cg27324804	1.18E-24	7.01E-27	1.26E+01	50.3013678	1.54E-01	101509161	101509284	NC_000007.13
cg12456714	1.20E-24	7.16E-27	1.25E+01	50.2799027	3.02E-01	16180393	16180516	NC_000005.9
cg18422423	1.21E-24	7.19E-27	1.25E+01	50.2754127	2.14E-01	51576922	51577045	NC_000003.11
cg08569799	1.21E-24	7.23E-27	1.25E+01	50.2702181	3.14E-01	1886828	1886951	NC_000005.9
cg06003834	1.22E-24	7.27E-27	1.25E+01	50.2647371	1.28E-01	66354967	66355090	NC_000005.9
cg00001747	1.22E-24	7.30E-27	1.25E+01	50.2603537	3.18E-01	105460263	105460386	NC_000002.11
cg00458564	1.24E-24	7.41E-27	1.25E+01	50.245627	1.51E-01	114847039	114847162	NC_000013.10
cg20427198	1.24E-24	7.41E-27	1.25E+01	50.2455647	2.16E-01	46969267	46969390	NC_000022.10
cg05745622	1.27E-24	7.62E-27	1.25E+01	50.2176262	9.31E-02	80510469	80510592	NC_000017.10
cg10985281	1.29E-24	7.76E-27	1.25E+01	50.1994195	1.34E-01	194573301	194573424	NC_000003.11
cg05178576	1.30E-24	7.82E-27	1.25E+01	50.1918768	2.72E-01	77468486	77468609	NC_000016.9
cg10356210	1.31E-24	7.88E-27	1.25E+01	50.1852473	1.83E-01	26946568	26946691	NC_000002.11
cg25527090	1.32E-24	7.92E-27	1.25E+01	50.1796384	2.44E-01	118894180	118894303	NC_000010.10
cg19923650	1.33E-24	7.97E-27	1.25E+01	50.1730043	2.66E-01	172659730	172659853	NC_000005.9
cg14482712	1.33E-24	7.97E-27	1.25E+01	50.172897	1.90E-01	40348303	40348426	NC_000015.9
cg25324105	1.33E-24	8.04E-27	1.25E+01	50.1648225	3.11E-01	38183259	38183382	NC_000019.9
cg25411239	1.33E-24	8.04E-27	1.25E+01	50.1643584	1.57E-01	3094859	3094982	NC_000001.10
cg20205704	1.33E-24	8.05E-27	1.25E+01	50.1636181	1.72E-01	2213196	2213319	NC_000017.10
cg20443254	1.35E-24	8.17E-27	1.25E+01	50.1492545	3.10E-01	108169020	108169143	NC_000012.11
cg27376182	1.36E-24	8.22E-27	1.25E+01	50.1428958	3.17E-01	3233068	3233191	NC_000016.9
cg03943218	1.36E-24	8.22E-27	1.25E+01	50.1426166	2.90E-01	102419600	102419723	NC_000010.10
cg14564616	1.38E-24	8.34E-27	1.25E+01	50.1286427	3.10E-01	1876337	1876460	NC_000005.9
cg03238797	1.38E-24	8.38E-27	1.25E+01	50.1238769	2.81E-01	77468893	77469016	NC_000016.9
cg17509967	1.42E-24	8.64E-27	1.25E+01	50.0938258	2.63E-01	13617094	13617217	NC_000019.9
cg26417985	1.43E-24	8.68E-27	1.25E+01	50.089072	1.81E-01	17633832	17633955	NC_000020.10

cg06688293	1.45E-24	8.82E-27	1.25E+01	50.0724153	1.64E-01	16469294	16469417	NC_000005.9
cg24556441	1.46E-24	8.91E-27	1.25E+01	50.0626536	2.75E-01	33453994	33454117	NC_000022.10
cg09978395	1.48E-24	9.04E-27	1.25E+01	50.0488268	1.81E-01	37092121	37092244	NC_000021.8
cg05037270	1.51E-24	9.20E-27	1.25E+01	50.0305933	1.90E-01	21504121	21504244	NC_000001.10
cg17541528	1.58E-24	9.67E-27	1.25E+01	49.9813277	3.18E-01	110959650	110959773	NC_000013.10
cg00718444	1.58E-24	9.68E-27	1.25E+01	49.9807041	1.90E-01	145685564	145685687	NC_000008.10
cg06425919	1.59E-24	9.75E-27	1.25E+01	49.9726649	2.51E-01	17741925	17742048	NC_000011.9
cg27578963	1.60E-24	9.78E-27	1.25E+01	49.9699349	1.32E-01	88803282	88803405	NC_000016.9
cg10966580	1.60E-24	9.83E-27	1.25E+01	49.9645698	2.36E-01	6223973	6224096	NC_000004.11
cg25486824	1.61E-24	9.89E-27	1.25E+01	49.9592766	2.02E-01	13983790	13983913	NC_000011.9
cg05305413	1.62E-24	9.93E-27	1.25E+01	49.954808	1.92E-01	22327119	22327242	NC_000001.10
cg01878308	1.63E-24	1.00E-26	1.25E+01	49.9436689	2.06E-01	86719502	86719625	NC_000002.11
cg19824388	1.64E-24	1.01E-26	1.25E+01	49.9406141	1.29E-01	50192542	50192665	NC_000019.9
cg05185738	1.71E-24	1.05E-26	1.25E+01	49.8953287	2.40E-01	70371992	70372115	NC_000015.9
cg25722041	1.72E-24	1.06E-26	1.25E+01	49.8907918	1.69E-01	8623473	8623596	NC_000001.10
cg18347642	1.82E-24	1.13E-26	1.25E+01	49.8294717	2.21E-01	21950766	21950889	NC_000004.11
cg03419646	1.82E-24	1.13E-26	1.25E+01	49.8286516	1.96E-01	47297268	47297391	NC_000017.10
cg20291049	1.83E-24	1.13E-26	1.25E+01	49.8229626	2.17E-01	105472217	105472340	NC_000002.11
cg08070327	1.84E-24	1.14E-26	1.25E+01	49.8141392	2.05E-01	27184059	27184182	NC_000007.13
cg03894103	1.88E-24	1.17E-26	1.25E+01	49.7922774	2.06E-01	44586901	44587024	NC_000002.11
cg20505375	1.88E-24	1.17E-26	1.25E+01	49.7922147	1.61E-01	143374469	143374592	NC_000008.10
cg15108047	1.88E-24	1.17E-26	1.25E+01	49.7894715	1.76E-01	19742828	19742951	NC_000020.10
cg20773956	1.90E-24	1.19E-26	1.25E+01	49.7788025	1.63E-01	155582325	155582448	NC_000001.10
cg02287325	1.91E-24	1.19E-26	1.25E+01	49.7755417	1.73E-01	75252355	75252478	NC_000016.9
cg03794214	1.94E-24	1.22E-26	1.25E+01	49.7542795	2.39E-01	42912017	42912140	NC_000022.10

cg06947913	1.95E-24	1.22E-26	1.25E+01	49.7537402	3.54E-01	50297793	50297916	NC_000012.11
cg11599526	1.95E-24	1.22E-26	1.25E+01	49.7507796	1.76E-01	150449509	150449632	NC_000005.9
cg08139729	1.96E-24	1.23E-26	1.25E+01	49.7459529	1.89E-01	41984243	41984366	NC_000001.10
cg14866863	2.00E-24	1.25E-26	1.25E+01	49.7227993	2.49E-01	58332116	58332239	NC_000014.8
cg17332245	2.00E-24	1.26E-26	1.25E+01	49.7222628	1.61E-01	20406947	20407070	NC_000006.11
cg16086620	2.01E-24	1.26E-26	1.25E+01	49.7201837	3.19E-01	93389557	93389680	NC_000014.8
cg01452847	2.03E-24	1.28E-26	1.25E+01	49.7059404	2.42E-01	46711341	46711464	NC_000017.10
cg01688536	2.05E-24	1.29E-26	1.25E+01	49.6953173	3.29E-01	35296968	35297091	NC_000007.13
cg23891360	2.09E-24	1.32E-26	1.25E+01	49.6746439	2.92E-01	130388234	130388357	NC_000012.11
cg27376707	2.09E-24	1.32E-26	1.25E+01	49.6712237	2.62E-01	6533187	6533310	NC_000016.9
cg07793163	2.12E-24	1.34E-26	1.25E+01	49.6569913	2.01E-01	12680897	12681020	NC_000012.11
cg05526731	2.14E-24	1.36E-26	1.25E+01	49.6460021	2.11E-01	185263	185386	NC_000017.10
cg04834608	2.19E-24	1.39E-26	1.25E+01	49.620145	2.44E-01	3706634	3706757	NC_000016.9
cg23180938	2.20E-24	1.39E-26	1.25E+01	49.6176923	3.18E-01	115152485	115152608	NC_000005.9
cg05099508	2.23E-24	1.41E-26	1.25E+01	49.6036443	3.00E-01	22634432	22634555	NC_000010.10
cg21277995	2.29E-24	1.45E-26	1.24E+01	49.5761957	3.77E-01	393239	393362	NC_000006.11
cg25317585	2.29E-24	1.46E-26	1.24E+01	49.5728966	3.47E-01	102568886	102569009	NC_000013.10
cg24454144	2.30E-24	1.46E-26	1.24E+01	49.5692152	3.10E-01	37353126	37353249	NC_000020.10
cg01200640	2.30E-24	1.46E-26	1.24E+01	49.569125	2.83E-01	687384	687507	NC_000008.10
cg07337025	2.31E-24	1.47E-26	1.24E+01	49.5620226	1.61E-01	135996211	135996334	NC_000003.11
cg02623991	2.37E-24	1.51E-26	1.24E+01	49.5362999	3.21E-01	54926431	54926554	NC_000019.9
cg15415452	2.44E-24	1.56E-26	1.24E+01	49.5065077	2.97E-01	112759355	112759478	NC_000013.10
cg27015161	2.47E-24	1.58E-26	1.24E+01	49.4925632	1.70E-01	24816070	24816193	NC_000002.11
cg12252039	2.49E-24	1.59E-26	1.24E+01	49.4847701	1.78E-01	51087971	51088094	NC_000007.13
cg25181284	2.49E-24	1.60E-26	1.24E+01	49.4836308	7.54E-02	50497037	50497160	NC_000012.11

cg05141333	2.53E-24	1.62E-26	1.24E+01	49.4677309	2.17E-01	145048363	145048486	NC_000008.10
cg26503073	2.54E-24	1.63E-26	1.24E+01	49.4616706	2.44E-01	6704074	6704197	NC_000007.13
cg00058923	2.58E-24	1.66E-26	1.24E+01	49.4442622	1.89E-01	161069167	161069290	NC_000001.10
cg15556502	2.58E-24	1.66E-26	1.24E+01	49.4435708	3.09E-01	43602845	43602968	NC_000011.9
cg26296488	2.59E-24	1.67E-26	1.24E+01	49.4440336	3.54E-01	9783192	9783315	NC_000004.11
cg00316151	2.61E-24	1.68E-26	1.24E+01	49.4315376	1.57E-01	14576504	14576627	NC_000016.9
cg20899584	2.62E-24	1.68E-26	1.24E+01	49.4295565	6.90E-02	33396983	33397106	NC_000011.9
cg00154727	2.63E-24	1.70E-26	1.24E+01	49.4236014	1.96E-01	50863804	50863927	NC_000007.13
cg14724925	2.67E-24	1.73E-26	1.24E+01	49.405839	1.57E-01	134675438	134675561	NC_000010.10
cg12405139	2.70E-24	1.75E-26	1.24E+01	49.3942094	2.18E-01	8106035	8106158	NC_000010.10
cg00177451	2.70E-24	1.75E-26	1.24E+01	49.3940057	3.63E-01	51186266	51186389	NC_000016.9
cg16803678	2.71E-24	1.75E-26	1.24E+01	49.3915815	1.47E-01	133941748	133941871	NC_000003.11
cg22954449	2.73E-24	1.76E-26	1.24E+01	49.3840137	3.65E-01	5140001	5140124	NC_000005.9
cg23839136	2.74E-24	1.77E-26	1.24E+01	49.381304	2.58E-01	70597599	70597722	NC_000007.13
cg01500945	2.74E-24	1.77E-26	1.24E+01	49.3788041	3.09E-01	51185672	51185795	NC_000016.9
cg02200717	2.80E-24	1.81E-26	1.24E+01	49.3579282	2.44E-01	21511676	21511799	NC_000014.8
cg20718350	2.80E-24	1.81E-26	1.24E+01	49.3575566	3.36E-01	103352294	103352417	NC_000012.11
cg04904318	2.80E-24	1.82E-26	1.24E+01	49.3553075	2.42E-01	46607828	46607951	NC_000017.10
cg03409338	2.82E-24	1.83E-26	1.24E+01	49.3485526	1.25E-01	591353	591476	NC_000016.9
cg26247373	2.85E-24	1.85E-26	1.24E+01	49.3370554	1.31E-01	57655696	57655819	NC_000012.11
cg26844246	2.90E-24	1.89E-26	1.24E+01	49.3170375	1.87E-01	170736277	170736400	NC_000005.9
cg16908948	2.92E-24	1.90E-26	1.24E+01	49.3093399	1.76E-01	45500256	45500379	NC_000010.10
cg25946538	2.93E-24	1.91E-26	1.24E+01	49.3067071	1.45E-01	2482531	2482654	NC_000011.9
cg11224582	2.97E-24	1.93E-26	1.24E+01	49.2921555	3.04E-01	4919138	4919261	NC_000012.11
cg16123202	2.98E-24	1.94E-26	1.24E+01	49.2876553	2.29E-01	1287145	1287268	NC_000007.13

cg12859429	3.04E-24	1.99E-26	1.24E+01	49.2666352	1.79E-01	20046011	20046134	NC_000011.9
cg06876872	3.04E-24	1.99E-26	1.24E+01	49.2649795	1.81E-01	202110290	202110413	NC_000001.10
cg05221264	3.04E-24	1.99E-26	1.24E+01	49.2647448	1.58E-01	15783513	15783636	NC_000001.10
cg08572278	3.04E-24	1.99E-26	1.24E+01	49.2631017	1.07E-01	62467955	62468078	NC_000004.11
cg09499844	3.05E-24	2.00E-26	1.24E+01	49.2592192	1.92E-01	129045722	129045845	NC_000008.10
cg02652344	3.13E-24	2.06E-26	1.24E+01	49.2319546	2.69E-01	123553595	123553718	NC_000009.11
cg04100397	3.15E-24	2.07E-26	1.24E+01	49.2259332	8.89E-02	110875551	110875674	NC_000002.11
cg08566455	3.22E-24	2.12E-26	1.24E+01	49.2010158	2.54E-01	130971164	130971287	NC_000002.11
cg22992279	3.25E-24	2.14E-26	1.24E+01	49.1912578	2.25E-01	26414901	26415024	NC_000004.11
cg24607283	3.27E-24	2.16E-26	1.24E+01	49.1846439	1.69E-01	11302249	11302372	NC_000003.11
cg01618923	3.41E-24	2.26E-26	1.24E+01	49.1378305	2.01E-01	49883335	49883458	NC_000013.10
cg25916711	3.42E-24	2.27E-26	1.24E+01	49.1349558	2.28E-01	172660080	172660203	NC_000005.9
cg19539519	3.44E-24	2.28E-26	1.24E+01	49.1289306	1.50E-01	26553687	26553810	NC_000017.10
cg22978087	3.49E-24	2.32E-26	1.24E+01	49.1132362	2.93E-01	24814126	24814249	NC_000008.10
cg03603866	3.53E-24	2.34E-26	1.24E+01	49.1011505	1.17E-01	107027625	107027748	NC_000013.10
cg20988960	3.56E-24	2.37E-26	1.24E+01	49.0924547	1.67E-01	3191815	3191938	NC_000001.10
cg03964958	3.63E-24	2.42E-26	1.24E+01	49.0688985	2.54E-01	176964720	176964843	NC_000002.11
cg22489321	3.64E-24	2.43E-26	1.24E+01	49.0664135	2.23E-01	100643388	100643511	NC_000013.10
cg23290344	3.65E-24	2.43E-26	1.24E+01	49.0638886	2.55E-01	24771466	24771589	NC_000008.10
cg22125805	3.66E-24	2.44E-26	1.24E+01	49.0608031	2.86E-01	119212248	119212371	NC_000012.11
cg27003782	3.74E-24	2.50E-26	1.24E+01	49.037045	2.47E-01	125651391	125651514	NC_000010.10
cg17236169	3.80E-24	2.54E-26	1.24E+01	49.0214374	2.02E-01	64480683	64480806	NC_000011.9
cg19506628	3.83E-24	2.56E-26	1.24E+01	49.012114	1.15E-01	653442	653565	NC_000005.9
cg12347480	3.90E-24	2.62E-26	1.24E+01	48.9924448	1.31E-01	27497024	27497147	NC_000017.10
cg14532519	4.03E-24	2.71E-26	1.24E+01	48.958259	1.26E-01	42612642	42612765	NC_000022.10

cg13974192	4.05E-24	2.72E-26	1.24E+01	48.9537283	2.54E-01	53775410	53775533	NC_000013.10
cg09641127	4.09E-24	2.75E-26	1.24E+01	48.9428342	2.54E-01	10193895	10194018	NC_000002.11
cg06392169	4.10E-24	2.76E-26	1.24E+01	48.9409092	3.42E-01	391936	392059	NC_000006.11
cg25390165	4.14E-24	2.78E-26	1.24E+01	48.9310999	1.97E-01	27184188	27184311	NC_000007.13
cg14723977	4.21E-24	2.83E-26	1.24E+01	48.9134481	1.13E-01	15532806	15532929	NC_000019.9
cg16670307	4.21E-24	2.83E-26	1.24E+01	48.9127214	1.92E-01	131720640	131720763	NC_000011.9
cg17107017	4.21E-24	2.84E-26	1.24E+01	48.9111731	2.03E-01	116925613	116925736	NC_000001.10
cg06163274	4.21E-24	2.84E-26	1.24E+01	48.9109327	2.13E-01	52627619	52627742	NC_000018.9
cg15405084	4.29E-24	2.90E-26	1.23E+01	48.8907322	1.09E-01	187864009	187864132	NC_000004.11
cg15788059	4.33E-24	2.92E-26	1.23E+01	48.8825552	2.07E-01	26961237	26961360	NC_000022.10
cg01893212	4.33E-24	2.93E-26	1.23E+01	48.8813928	3.81E-01	49813088	49813211	NC_000007.13
cg09860921	4.36E-24	2.95E-26	1.23E+01	48.8741676	1.39E-01	45116241	45116364	NC_000001.10
cg15629893	4.36E-24	2.95E-26	1.23E+01	48.8740096	1.68E-01	22327131	22327254	NC_000001.10
cg26682580	4.38E-24	2.97E-26	1.23E+01	48.8673694	2.77E-01	128752058	128752181	NC_000012.11
cg21680729	4.39E-24	2.97E-26	1.23E+01	48.8651032	1.49E-01	17426422	17426545	NC_000017.10
cg15684162	4.42E-24	3.00E-26	1.23E+01	48.8566854	1.60E-01	61712639	61712762	NC_000017.10
cg17302155	4.44E-24	3.01E-26	1.23E+01	48.8523656	3.02E-01	100061111	100061234	NC_000006.11
cg02366961	4.48E-24	3.04E-26	1.23E+01	48.8430335	1.49E-01	19095211	19095334	NC_000011.9
cg09426834	4.57E-24	3.11E-26	1.23E+01	48.8212571	3.26E-01	946648	946771	NC_000002.11
cg22759823	4.57E-24	3.11E-26	1.23E+01	48.8211376	3.25E-01	57610870	57610993	NC_000019.9
cg18516557	4.65E-24	3.16E-26	1.23E+01	48.8035298	2.13E-01	177004015	177004138	NC_000002.11
cg15332951	4.65E-24	3.17E-26	1.23E+01	48.8023633	2.05E-01	21194739	21194862	NC_000017.10
cg23054189	4.70E-24	3.20E-26	1.23E+01	48.7907699	3.04E-01	248020692	248020815	NC_000001.10
cg02172150	4.76E-24	3.24E-26	1.23E+01	48.7787887	2.71E-01	70597774	70597897	NC_000007.13
cg12393318	4.85E-24	3.32E-26	1.23E+01	48.7562629	2.41E-01	87981068	87981191	NC_000005.9

cg12799689	4.85E-24	3.32E-26	1.23E+01	48.7558748	3.26E-01	67067893	67068016	NC_000018.9
cg05148385	4.85E-24	3.32E-26	1.23E+01	48.7543407	9.51E-02	213950646	213950769	NC_000002.11
cg09194815	5.00E-24	3.43E-26	1.23E+01	48.7224617	2.05E-01	100845274	100845397	NC_000013.10
cg06646174	5.05E-24	3.47E-26	1.23E+01	48.7130492	1.51E-01	116948652	116948775	NC_000011.9
cg13532185	5.09E-24	3.50E-26	1.23E+01	48.7036726	1.57E-01	130078849	130078972	NC_000011.9
cg00947023	5.19E-24	3.57E-26	1.23E+01	48.6841429	1.71E-01	11953402	11953525	NC_000017.10
cg24150172	5.22E-24	3.59E-26	1.23E+01	48.6780053	3.33E-01	55372111	55372234	NC_000008.10
cg07536910	5.25E-24	3.62E-26	1.23E+01	48.6702144	2.61E-01	176948105	176948228	NC_000002.11
cg15048991	5.25E-24	3.62E-26	1.23E+01	48.6697597	3.32E-01	5139866	5139989	NC_000005.9
cg16619425	5.38E-24	3.71E-26	1.23E+01	48.6452063	2.96E-01	59828528	59828651	NC_000020.10
cg03984502	5.63E-24	3.90E-26	1.23E+01	48.5957768	1.23E-01	151805661	151805784	NC_000001.10
cg26207909	5.63E-24	3.90E-26	1.23E+01	48.5950922	2.34E-01	103986467	103986590	NC_000014.8
cg11473001	5.71E-24	3.96E-26	1.23E+01	48.5794237	1.92E-01	131780499	131780622	NC_000011.9
cg17902007	5.86E-24	4.07E-26	1.23E+01	48.5529064	1.63E-01	101184847	101184970	NC_000013.10
cg00132509	5.92E-24	4.12E-26	1.23E+01	48.5414022	2.36E-01	3329936	3330059	NC_000006.11
cg09936426	5.97E-24	4.16E-26	1.23E+01	48.5325593	2.38E-01	13839913	13840036	NC_000001.10
cg03462380	6.09E-24	4.24E-26	1.23E+01	48.5128384	2.60E-01	27112902	27113025	NC_000015.9
cg05534710	6.15E-24	4.28E-26	1.23E+01	48.5025645	2.93E-01	3595728	3595851	NC_000005.9
cg03190911	6.18E-24	4.31E-26	1.23E+01	48.4964083	1.35E-01	33273011	33273134	NC_000006.11
cg06999084	6.28E-24	4.39E-26	1.23E+01	48.4791141	1.35E-01	88873729	88873852	NC_000016.9
cg00781795	6.29E-24	4.39E-26	1.23E+01	48.4772482	1.48E-01	55815677	55815800	NC_000018.9
cg04812556	6.38E-24	4.46E-26	1.23E+01	48.4614991	2.92E-01	9112715	9112838	NC_000011.9
cg26947626	6.39E-24	4.47E-26	1.23E+01	48.460684	2.84E-01	72469430	72469553	NC_000008.10
cg16236960	6.41E-24	4.49E-26	1.23E+01	48.4557597	1.92E-01	135011937	135012060	NC_000002.11
cg17860133	6.43E-24	4.51E-26	1.23E+01	48.4522043	1.84E-01	117468345	117468468	NC_000012.11



cg27234067	6.48E-24	4.54E-26	1.23E+01	48.4435912	2.01E-01	32460799	32460922	NC_000011.9
cg22962425	6.56E-24	4.60E-26	1.23E+01	48.4312235	1.09E-01	58891595	58891718	NC_000014.8
cg15833565	6.61E-24	4.64E-26	1.23E+01	48.4227423	1.70E-01	44741190	44741313	NC_000001.10
cg20866932	6.63E-24	4.66E-26	1.23E+01	48.418661	1.79E-01	150034315	150034438	NC_000007.13
cg00190206	6.65E-24	4.68E-26	1.23E+01	48.4152644	1.71E-01	176999353	176999476	NC_000002.11
cg05807722	6.71E-24	4.72E-26	1.23E+01	48.4064341	1.44E-01	67697020	67697143	NC_000016.9
cg06186808	6.71E-24	4.72E-26	1.23E+01	48.405183	1.45E-01	24600901	24601024	NC_000014.8
cg10595952	6.83E-24	4.81E-26	1.23E+01	48.3867586	2.56E-01	2097052	2097175	NC_000005.9
cg11823511	6.86E-24	4.83E-26	1.23E+01	48.3821159	2.61E-01	91183697	91183820	NC_000001.10
cg23644589	6.88E-24	4.85E-26	1.23E+01	48.3788916	1.61E-01	228404256	228404379	NC_000001.10
cg21223771	6.90E-24	4.87E-26	1.23E+01	48.3748087	2.27E-01	95945201	95945324	NC_000009.11
cg25821781	6.93E-24	4.90E-26	1.23E+01	48.3692208	1.75E-01	2325143	2325266	NC_000017.10
cg20979852	6.95E-24	4.92E-26	1.23E+01	48.3657817	3.12E-01	140770683	140770806	NC_000003.11
cg22959260	7.16E-24	5.06E-26	1.23E+01	48.3363389	1.97E-01	40382862	40382985	NC_000015.9
cg01382137	7.19E-24	5.09E-26	1.23E+01	48.3305652	3.11E-01	53423078	53423201	NC_000013.10
cg12485556	7.23E-24	5.12E-26	1.23E+01	48.3246338	1.69E-01	105774617	105774740	NC_000006.11
cg04184836	7.27E-24	5.15E-26	1.23E+01	48.3193381	3.89E-01	83316640	83316763	NC_000015.9
cg10500503	7.35E-24	5.21E-26	1.23E+01	48.3074371	1.96E-01	57011246	57011369	NC_000001.10
cg20312205	7.45E-24	5.29E-26	1.23E+01	48.2936667	2.88E-01	84456308	84456431	NC_000013.10
cg06338150	7.50E-24	5.33E-26	1.23E+01	48.2852729	1.45E-01	139392895	139393018	NC_000009.11
cg16137772	7.52E-24	5.35E-26	1.23E+01	48.2813767	2.00E-01	43937721	43937844	NC_000020.10
cg07969308	7.62E-24	5.42E-26	1.23E+01	48.2681285	9.77E-02	460746	460869	NC_000016.9
cg14446951	7.62E-24	5.43E-26	1.23E+01	48.2670393	1.10E-01	36605829	36605952	NC_000002.11
cg25623768	7.62E-24	5.43E-26	1.23E+01	48.2663605	3.03E-01	45241008	45241131	NC_000002.11
cg00762738	7.68E-24	5.48E-26	1.23E+01	48.2582773	1.95E-01	205780033	205780156	NC_000001.10

cg06410537	7.70E-24	5.50E-26	1.23E+01	48.2542603	1.90E-01	170736572	170736695	NC_000005.9
cg26990587	7.72E-24	5.52E-26	1.23E+01	48.251047	2.57E-01	100253901	100254024	NC_000007.13
cg17105834	7.77E-24	5.55E-26	1.23E+01	48.2443355	3.10E-01	177133566	177133689	NC_000001.10
cg07870999	7.83E-24	5.61E-26	1.23E+01	48.2352116	2.36E-01	155260895	155261018	NC_000007.13
cg05778278	7.86E-24	5.63E-26	1.23E+01	48.2312866	1.41E-01	54505303	54505426	NC_000008.10
cg23244488	7.88E-24	5.65E-26	1.23E+01	48.2279952	2.77E-01	19146032	19146155	NC_000007.13
cg25958283	7.91E-24	5.67E-26	1.23E+01	48.2246388	3.39E-01	11752089	11752212	NC_000018.9
cg03304610	7.95E-24	5.70E-26	1.23E+01	48.2185738	3.23E-01	172734276	172734399	NC_000004.11
cg22620221	8.01E-24	5.74E-26	1.22E+01	48.2109492	2.58E-01	153584416	153584539	NC_000007.13
cg08268892	8.05E-24	5.77E-26	1.22E+01	48.2059115	9.91E-02	157131429	157131552	NC_000006.11
cg16638580	8.07E-24	5.79E-26	1.22E+01	48.2026516	1.24E-01	39890911	39891034	NC_000019.9
cg23106559	8.14E-24	5.85E-26	1.22E+01	48.1929798	1.44E-01	58167483	58167606	NC_000012.11
cg05888894	8.23E-24	5.92E-26	1.22E+01	48.1815765	2.21E-01	119107030	119107153	NC_000008.10
cg22457637	8.27E-24	5.95E-26	1.22E+01	48.1767453	1.66E-01	142142872	142142995	NC_000008.10
cg15638709	8.36E-24	6.02E-26	1.22E+01	48.164083	2.58E-01	110226387	110226510	NC_000010.10
cg23934404	8.48E-24	6.11E-26	1.22E+01	48.1493791	3.12E-01	112758491	112758614	NC_000013.10
cg22789318	8.71E-24	6.28E-26	1.22E+01	48.1219864	1.59E-01	981643	981766	NC_000017.10
cg25247290	8.77E-24	6.33E-26	1.22E+01	48.1138524	2.40E-01	32461212	32461335	NC_000011.9
cg02155398	8.81E-24	6.36E-26	1.22E+01	48.1089657	2.76E-01	45160490	45160613	NC_000002.11
cg14657517	8.89E-24	6.43E-26	1.22E+01	48.0981159	2.87E-01	32456910	32457033	NC_000011.9
cg04489066	8.89E-24	6.44E-26	1.22E+01	48.097961	1.99E-01	42211509	42211632	NC_000015.9
cg22754569	8.92E-24	6.46E-26	1.22E+01	48.0947458	1.72E-01	59564444	59564567	NC_000008.10
cg07271473	9.13E-24	6.62E-26	1.22E+01	48.0691906	1.43E-01	40124792	40124915	NC_000021.8
cg04227922	9.21E-24	6.69E-26	1.22E+01	48.059979	2.26E-01	119615496	119615619	NC_000002.11
cg08747377	9.21E-24	6.69E-26	1.22E+01	48.0588682	3.43E-01	82660670	82660793	NC_000016.9

cg21039708	9.26E-24	6.74E-26	1.22E+01	48.0527116	3.44E-01	57278729	57278852	NC_000014.8
cg25732961	9.32E-24	6.78E-26	1.22E+01	48.045796	2.17E-01	7755877	7756000	NC_000017.10
cg15929797	9.35E-24	6.81E-26	1.22E+01	48.0418505	2.32E-01	172660796	172660919	NC_000005.9
cg18887759	9.43E-24	6.88E-26	1.22E+01	48.0320423	1.72E-01	50324282	50324405	NC_000019.9
cg19760241	9.59E-24	7.01E-26	1.22E+01	48.0135437	2.35E-01	35300010	35300133	NC_000017.10
cg06750832	9.59E-24	7.01E-26	1.22E+01	48.0134164	3.19E-01	111217691	111217814	NC_000001.10
cg13912196	9.78E-24	7.15E-26	1.22E+01	47.9932883	2.14E-01	70372127	70372250	NC_000015.9
cg24968692	9.96E-24	7.30E-26	1.22E+01	47.9731725	1.45E-01	131032645	131032768	NC_000007.13
cg18092028	9.98E-24	7.31E-26	1.22E+01	47.9709529	2.95E-01	59827212	59827335	NC_000020.10
cg03867465	1.02E-23	7.48E-26	1.22E+01	47.9483352	1.93E-01	183062301	183062424	NC_000004.11
cg13829550	1.02E-23	7.51E-26	1.22E+01	47.9441512	2.64E-01	74893112	74893235	NC_000014.8
cg04917226	1.03E-23	7.56E-26	1.22E+01	47.938457	2.74E-01	19157839	19157962	NC_000007.13
cg27230984	1.04E-23	7.61E-26	1.22E+01	47.9317776	1.43E-01	916362	916485	NC_000017.10
cg12325536	1.05E-23	7.76E-26	1.22E+01	47.9118009	1.97E-01	87968658	87968781	NC_000005.9
cg21625737	1.06E-23	7.81E-26	1.22E+01	47.9056626	1.99E-01	1011049	1011172	NC_000011.9
cg11344566	1.08E-23	7.94E-26	1.22E+01	47.8895805	1.73E-01	124782885	124783008	NC_000002.11
cg07926691	1.08E-23	7.95E-26	1.22E+01	47.8886318	3.06E-01	38670987	38671110	NC_000007.13
cg15132565	1.08E-23	7.96E-26	1.22E+01	47.8872081	3.17E-01	72740154	72740277	NC_000005.9
cg00295794	1.08E-23	7.97E-26	1.22E+01	47.8858431	2.87E-01	100641409	100641532	NC_000013.10
cg04865220	1.09E-23	8.06E-26	1.22E+01	47.8741234	2.00E-01	73886532	73886655	NC_000015.9
cg23322933	1.09E-23	8.09E-26	1.22E+01	47.8706417	2.68E-01	61109207	61109330	NC_000014.8
cg23858040	1.10E-23	8.13E-26	1.22E+01	47.8653828	3.85E-01	11059577	11059700	NC_000010.10
cg17832688	1.11E-23	8.19E-26	1.22E+01	47.8585172	9.59E-02	44017421	44017544	NC_000001.10
cg18316735	1.11E-23	8.23E-26	1.22E+01	47.8542307	1.30E-01	204339486	204339609	NC_000001.10
cg19508622	1.11E-23	8.24E-26	1.22E+01	47.8527833	2.45E-01	129103558	129103681	NC_000008.10

cg25339054	1.13E-23	8.37E-26	1.22E+01	47.8368978	3.00E-01	50673808	50673931	NC_000005.9
cg03444587	1.14E-23	8.47E-26	1.22E+01	47.8253826	1.67E-01	2054271	2054394	NC_000016.9
cg13265572	1.15E-23	8.54E-26	1.22E+01	47.8172057	1.58E-01	182694617	182694740	NC_000003.11
cg00905220	1.16E-23	8.59E-26	1.22E+01	47.8111458	1.70E-01	982154	982277	NC_000017.10
cg21631754	1.17E-23	8.73E-26	1.22E+01	47.7946637	1.91E-01	45737485	45737608	NC_000019.9
cg09531492	1.18E-23	8.75E-26	1.22E+01	47.7925758	1.57E-01	50632560	50632683	NC_000022.10
cg14696396	1.18E-23	8.81E-26	1.22E+01	47.7855696	2.96E-01	83776446	83776569	NC_000015.9
cg23723818	1.18E-23	8.82E-26	1.22E+01	47.7843085	1.29E-01	57015477	57015600	NC_000001.10
cg05903444	1.18E-23	8.83E-26	1.22E+01	47.7841276	1.85E-01	2751041	2751164	NC_000005.9
cg17391928	1.19E-23	8.88E-26	1.22E+01	47.7777727	2.54E-01	128301230	128301353	NC_000005.9
cg25539045	1.19E-23	8.90E-26	1.22E+01	47.7755135	3.22E-01	129535186	129535309	NC_000010.10
cg20054111	1.21E-23	9.02E-26	1.22E+01	47.7629532	1.76E-01	140829046	140829169	NC_000004.11
cg19256368	1.21E-23	9.03E-26	1.22E+01	47.7613167	1.96E-01	83619037	83619160	NC_000015.9
cg05452645	1.22E-23	9.15E-26	1.22E+01	47.7488572	1.98E-01	81117647	81117770	NC_000004.11
cg10312981	1.25E-23	9.36E-26	1.22E+01	47.7254327	1.52E-01	87577304	87577427	NC_000016.9
cg12048508	1.28E-23	9.59E-26	1.22E+01	47.7014641	8.98E-02	65418238	65418361	NC_000012.11
cg20441606	1.28E-23	9.60E-26	1.22E+01	47.700887	1.53E-01	79084557	79084680	NC_000017.10
cg09138865	1.29E-23	9.67E-26	1.22E+01	47.6939124	1.72E-01	88427435	88427558	NC_000010.10
cg08186575	1.30E-23	9.74E-26	1.22E+01	47.6858286	1.26E-01	4371730	4371853	NC_000019.9
cg05295006	1.30E-23	9.76E-26	1.22E+01	47.6842065	2.45E-01	172734347	172734470	NC_000004.11
cg03900143	1.31E-23	9.88E-26	1.22E+01	47.6717195	2.73E-01	147111660	147111783	NC_000003.11
cg16697214	1.32E-23	9.90E-26	1.22E+01	47.670191	3.03E-01	50343361	50343484	NC_000007.13
cg05376374	1.32E-23	9.90E-26	1.22E+01	47.669867	3.16E-01	43602920	43603043	NC_000011.9
cg12483476	1.32E-23	9.95E-26	1.22E+01	47.664655	2.65E-01	178421711	178421834	NC_000005.9
cg10370850	1.32E-23	9.98E-26	1.22E+01	47.6618655	1.15E-01	70027093	70027216	NC_000011.9

cg26476852	1.35E-23	1.02E-25	1.22E+01	47.6404922	2.45E-01	27204728	27204851	NC_000007.13
cg24687655	1.37E-23	1.03E-25	1.22E+01	47.6269554	1.58E-01	110398293	110398416	NC_000013.10
cg04543008	1.37E-23	1.04E-25	1.22E+01	47.6250775	2.98E-01	71955332	71955455	NC_000011.9
cg02128191	1.37E-23	1.04E-25	1.22E+01	47.6230683	7.72E-02	669285	669408	NC_000010.10
cg18770350	1.43E-23	1.08E-25	1.22E+01	47.5802265	3.15E-01	236849966	236850089	NC_000001.10
cg12122146	1.48E-23	1.13E-25	1.22E+01	47.5421367	3.23E-01	130388216	130388339	NC_000012.11
cg05463136	1.48E-23	1.13E-25	1.22E+01	47.5401038	1.01E-01	16286371	16286494	NC_000003.11
cg19736009	1.49E-23	1.13E-25	1.22E+01	47.5381119	1.67E-01	73994187	73994310	NC_000010.10
cg02672378	1.49E-23	1.14E-25	1.22E+01	47.5338939	1.58E-01	41506029	41506152	NC_000006.11
cg02091786	1.50E-23	1.14E-25	1.22E+01	47.5296212	1.17E-01	62415525	62415648	NC_000011.9
cg14073722	1.53E-23	1.16E-25	1.21E+01	47.5093767	2.82E-01	50235737	50235860	NC_000017.10
cg19497031	1.53E-23	1.17E-25	1.21E+01	47.5069217	2.72E-01	79176272	79176395	NC_000013.10
cg26813646	1.55E-23	1.19E-25	1.21E+01	47.491136	2.25E-01	50817651	50817774	NC_000010.10
cg20277356	1.56E-23	1.19E-25	1.21E+01	47.4845101	1.65E-01	123353800	123353923	NC_000010.10
cg11173579	1.62E-23	1.25E-25	1.21E+01	47.4412632	2.62E-01	33247885	33248008	NC_000021.8
cg18486102	1.64E-23	1.26E-25	1.21E+01	47.4338352	3.61E-01	50297777	50297900	NC_000012.11
cg25746778	1.68E-23	1.30E-25	1.21E+01	47.4032336	2.44E-01	131758331	131758454	NC_000010.10
cg22729543	1.77E-23	1.37E-25	1.21E+01	47.3475068	2.28E-01	98991418	98991541	NC_000007.13
cg00637144	1.78E-23	1.37E-25	1.21E+01	47.3453989	1.70E-01	52360268	52360391	NC_000013.10
cg02219383	1.78E-23	1.38E-25	1.21E+01	47.3417164	1.37E-01	43385111	43385234	NC_000003.11
cg27317541	1.83E-23	1.42E-25	1.21E+01	47.3142966	9.18E-02	17454056	17454179	NC_000017.10
cg04180086	1.85E-23	1.43E-25	1.21E+01	47.3019588	2.52E-01	1878499	1878622	NC_000005.9
cg11953609	1.86E-23	1.44E-25	1.21E+01	47.2965503	1.17E-01	170629048	170629171	NC_000001.10
cg02457680	1.86E-23	1.44E-25	1.21E+01	47.2960128	2.19E-01	154475139	154475262	NC_000001.10
cg03873105	1.86E-23	1.45E-25	1.21E+01	47.2942578	1.53E-01	76096456	76096579	NC_000011.9

cg16664405	1.90E-23	1.48E-25	1.21E+01	47.2719568	2.66E-01	111216962	111217085	NC_000010.10
cg08498138	1.91E-23	1.48E-25	1.21E+01	47.2682684	1.21E-01	14576651	14576774	NC_000016.9
cg03568039	1.92E-23	1.50E-25	1.21E+01	47.2605546	1.53E-01	52561293	52561416	NC_000020.10
cg26794346	1.92E-23	1.50E-25	1.21E+01	47.2586284	1.09E-01	16472305	16472428	NC_000006.11
cg19640789	1.93E-23	1.51E-25	1.21E+01	47.252484	7.22E-02	8650112	8650235	NC_000019.9
cg05757474	1.95E-23	1.52E-25	1.21E+01	47.2438125	2.05E-01	63894504	63894627	NC_000011.9
cg13985639	1.96E-23	1.53E-25	1.21E+01	47.2364589	2.28E-01	99344969	99345092	NC_000010.10
cg00145904	1.98E-23	1.55E-25	1.21E+01	47.2278115	1.27E-01	10697703	10697826	NC_000001.10
cg06974135	2.04E-23	1.60E-25	1.21E+01	47.1954395	9.50E-02	58824741	58824864	NC_000005.9
cg11512704	2.07E-23	1.62E-25	1.21E+01	47.181923	1.81E-01	2057358	2057481	NC_000012.11
cg13358636	2.07E-23	1.62E-25	1.21E+01	47.1800935	2.57E-01	124782263	124782386	NC_000002.11
cg04206025	2.10E-23	1.65E-25	1.21E+01	47.1635917	1.98E-01	16975443	16975566	NC_000001.10
cg25015733	2.13E-23	1.68E-25	1.21E+01	47.1475595	2.62E-01	99342986	99343109	NC_000002.11
cg24888814	2.16E-23	1.70E-25	1.21E+01	47.1327329	1.35E-01	54723931	54724054	NC_000012.11
cg17863912	2.18E-23	1.71E-25	1.21E+01	47.1250253	2.25E-01	176994362	176994485	NC_000002.11
cg07018577	2.20E-23	1.73E-25	1.21E+01	47.1144019	2.26E-01	180831396	180831519	NC_000001.10
cg23029851	2.20E-23	1.74E-25	1.21E+01	47.1120418	1.84E-01	293878	294001	NC_000011.9
cg03361789	2.28E-23	1.80E-25	1.21E+01	47.076324	1.38E-01	74005651	74005774	NC_000017.10
cg17217443	2.28E-23	1.81E-25	1.21E+01	47.0730661	1.08E-01	36511291	36511414	NC_000017.10
cg26674966	2.28E-23	1.81E-25	1.21E+01	47.0724919	1.99E-01	22929993	22930116	NC_000015.9
cg26667091	2.28E-23	1.81E-25	1.21E+01	47.0723311	1.73E-01	65352232	65352355	NC_000011.9
cg17160666	2.30E-23	1.82E-25	1.21E+01	47.0665701	1.89E-01	8545003	8545126	NC_000010.10
cg05753794	2.31E-23	1.83E-25	1.21E+01	47.0578301	1.52E-01	150781341	150781464	NC_000007.13
cg00767886	2.33E-23	1.84E-25	1.21E+01	47.0524232	1.55E-01	42193112	42193235	NC_000015.9
cg16146718	2.33E-23	1.85E-25	1.21E+01	47.0511389	1.91E-01	145537915	145538038	NC_000008.10

cg18229521	2.33E-23	1.85E-25	1.21E+01	47.049392	2.98E-01	92790285	92790408	NC_000014.8
cg15007156	2.34E-23	1.86E-25	1.21E+01	47.0444073	2.57E-01	14925135	14925258	NC_000001.10
cg18354248	2.34E-23	1.86E-25	1.21E+01	47.0437712	1.68E-01	93390311	93390434	NC_000010.10
cg08036188	2.39E-23	1.89E-25	1.21E+01	47.0256521	9.17E-02	46522560	46522683	NC_000017.10
cg08460580	2.40E-23	1.90E-25	1.21E+01	47.020356	9.39E-02	689187	689310	NC_000006.11
cg08182501	2.44E-23	1.94E-25	1.21E+01	47.0021468	1.64E-01	177003406	177003529	NC_000002.11
cg01939477	2.44E-23	1.94E-25	1.21E+01	47.0019154	3.36E-01	43602879	43603002	NC_000011.9
cg12764034	2.46E-23	1.95E-25	1.21E+01	46.9943146	2.20E-01	75602846	75602969	NC_000001.10
cg19329160	2.48E-23	1.98E-25	1.21E+01	46.9835596	2.38E-01	79182095	79182218	NC_000013.10
cg07922933	2.50E-23	2.00E-25	1.21E+01	46.9737034	1.95E-01	228548842	228548965	NC_000001.10
cg20735050	2.51E-23	2.00E-25	1.21E+01	46.9690571	2.45E-01	94521117	94521240	NC_000011.9
cg27276079	2.52E-23	2.01E-25	1.21E+01	46.9659693	1.93E-01	42211520	42211643	NC_000015.9
cg09980058	2.53E-23	2.02E-25	1.21E+01	46.9635239	2.46E-01	18898325	18898448	NC_000019.9
cg19288904	2.53E-23	2.02E-25	1.21E+01	46.9623538	3.00E-01	98836248	98836371	NC_000015.9
cg10516993	2.55E-23	2.04E-25	1.21E+01	46.9514058	2.56E-01	158147446	158147569	NC_000001.10
cg21908235	2.64E-23	2.11E-25	1.21E+01	46.9189588	2.83E-01	146551744	146551867	NC_000001.10
cg03599078	2.67E-23	2.13E-25	1.21E+01	46.9065726	1.95E-01	8078314	8078437	NC_000010.10
cg14078335	2.68E-23	2.15E-25	1.21E+01	46.8999232	2.48E-01	71760291	71760414	NC_000011.9
cg15989068	2.79E-23	2.24E-25	1.21E+01	46.857323	1.93E-01	5837057	5837180	NC_000002.11
cg18988498	2.80E-23	2.25E-25	1.21E+01	46.8542374	1.86E-01	31824262	31824385	NC_000011.9
cg06818435	2.84E-23	2.28E-25	1.21E+01	46.8404936	1.55E-01	33279680	33279803	NC_000001.10
cg03858756	2.87E-23	2.31E-25	1.20E+01	46.8272682	2.95E-01	176994637	176994760	NC_000002.11
cg15139644	2.90E-23	2.34E-25	1.20E+01	46.8159945	2.80E-01	35065386	35065509	NC_000018.9
cg22541735	2.91E-23	2.35E-25	1.20E+01	46.8121235	3.23E-01	176988203	176988326	NC_000002.11
cg24760961	2.93E-23	2.36E-25	1.20E+01	46.8075616	1.41E-01	130782216	130782339	NC_000011.9

cg20066716	2.93E-23	2.36E-25	1.20E+01	46.8070156	2.92E-01	49815181	49815304	NC_000007.13
cg05627639	2.95E-23	2.38E-25	1.20E+01	46.7970737	3.21E-01	34113449	34113572	NC_000019.9
cg19259125	2.97E-23	2.40E-25	1.20E+01	46.7884755	1.65E-01	113396924	113397047	NC_000013.10
cg02022519	2.98E-23	2.41E-25	1.20E+01	46.7872504	1.27E-01	115830067	115830190	NC_000011.9
cg26134895	2.98E-23	2.41E-25	1.20E+01	46.7851959	3.75E-01	15500270	15500393	NC_000005.9
cg03730428	2.99E-23	2.42E-25	1.20E+01	46.781706	2.23E-01	32009004	32009127	NC_000011.9
cg19206040	3.00E-23	2.43E-25	1.20E+01	46.776472	2.99E-01	37500441	37500564	NC_000001.10
cg07917052	3.00E-23	2.43E-25	1.20E+01	46.776311	1.10E-01	51110982	51111105	NC_000013.10
cg13234587	3.02E-23	2.45E-25	1.20E+01	46.7689493	7.03E-02	189148133	189148256	NC_000003.11
cg04064644	3.07E-23	2.49E-25	1.20E+01	46.7523281	2.33E-01	1876719	1876842	NC_000005.9
cg24135615	3.07E-23	2.49E-25	1.20E+01	46.7521187	1.26E-01	37042201	37042324	NC_000017.10
cg07007754	3.09E-23	2.51E-25	1.20E+01	46.7470354	2.05E-01	114847329	114847452	NC_000013.10
cg04423294	3.09E-23	2.51E-25	1.20E+01	46.7453486	1.44E-01	188479059	188479182	NC_000003.11
cg07898582	3.13E-23	2.54E-25	1.20E+01	46.7324872	1.79E-01	2953930	2954053	NC_000007.13
cg01366419	3.15E-23	2.56E-25	1.20E+01	46.7260393	2.46E-01	70597091	70597214	NC_000007.13
cg25116216	3.16E-23	2.57E-25	1.20E+01	46.7228988	3.19E-01	10101581	10101704	NC_000017.10
cg00619126	3.19E-23	2.60E-25	1.20E+01	46.7101638	2.43E-01	105459775	105459898	NC_000002.11
cg18380175	3.20E-23	2.61E-25	1.20E+01	46.7067712	2.58E-01	77334070	77334193	NC_000001.10
cg00911881	3.21E-23	2.62E-25	1.20E+01	46.7049661	1.52E-01	11605722	11605845	NC_000008.10
cg03993087	3.21E-23	2.62E-25	1.20E+01	46.7023469	1.44E-01	80499721	80499844	NC_000010.10
cg00377332	3.25E-23	2.65E-25	1.20E+01	46.6903718	1.92E-01	45761250	45761373	NC_000003.11
cg05185021	3.25E-23	2.65E-25	1.20E+01	46.6903131	2.14E-01	2324794	2324917	NC_000017.10
cg09685182	3.26E-23	2.66E-25	1.20E+01	46.6871819	2.18E-01	130236037	130236160	NC_000003.11
cg04999691	3.26E-23	2.67E-25	1.20E+01	46.6862726	1.62E-01	150027050	150027173	NC_000007.13
cg01130127	3.27E-23	2.68E-25	1.20E+01	46.6816191	3.16E-01	51228821	51228944	NC_000019.9



cg27460824	3.28E-23	2.68E-25	1.20E+01	46.6800384	2.03E-01	24750164	24750287	NC_000013.10
cg11657808	3.29E-23	2.70E-25	1.20E+01	46.6750659	3.07E-01	237205950	237206073	NC_000001.10
cg10179300	3.30E-23	2.70E-25	1.20E+01	46.6737882	1.61E-01	14147618	14147741	NC_000005.9
cg04991747	3.43E-23	2.82E-25	1.20E+01	46.6304043	1.56E-01	230207211	230207334	NC_000001.10
cg26650638	3.48E-23	2.85E-25	1.20E+01	46.6180395	3.13E-01	86320857	86320980	NC_000016.9
cg05501996	3.52E-23	2.89E-25	1.20E+01	46.6044058	2.25E-01	50673730	50673853	NC_000005.9
cg04234070	3.53E-23	2.91E-25	1.20E+01	46.6001498	1.38E-01	95275575	95275698	NC_000008.10
cg02753742	3.53E-23	2.91E-25	1.20E+01	46.5994056	1.06E-01	159956264	159956387	NC_000004.11
cg26122980	3.61E-23	2.98E-25	1.20E+01	46.5766321	3.51E-01	38671001	38671124	NC_000007.13
cg22564695	3.65E-23	3.01E-25	1.20E+01	46.5652165	1.45E-01	13080436	13080559	NC_000019.9
cg20872937	3.68E-23	3.04E-25	1.20E+01	46.5556055	3.23E-01	74961968	74962091	NC_000018.9
cg19047707	3.68E-23	3.04E-25	1.20E+01	46.5555517	2.46E-01	233351525	233351648	NC_000002.11
cg12923203	3.69E-23	3.05E-25	1.20E+01	46.5519123	1.64E-01	90771952	90772075	NC_000015.9
cg26804891	3.72E-23	3.08E-25	1.20E+01	46.5432216	1.42E-01	2055242	2055365	NC_000016.9
cg08961621	3.79E-23	3.14E-25	1.20E+01	46.5222615	1.67E-01	39644244	39644367	NC_000021.8
cg20162240	3.80E-23	3.15E-25	1.20E+01	46.5192291	1.43E-01	129733373	129733496	NC_000010.10
cg03574723	3.87E-23	3.22E-25	1.20E+01	46.499523	2.18E-01	125425994	125426117	NC_000010.10
cg10042132	3.91E-23	3.25E-25	1.20E+01	46.4895506	7.95E-02	81938575	81938698	NC_000014.8
cg18348836	3.96E-23	3.29E-25	1.20E+01	46.4756587	2.85E-01	60282400	60282523	NC_000001.10
cg01281157	4.01E-23	3.34E-25	1.20E+01	46.4624718	2.77E-01	178422260	178422383	NC_000005.9
cg27593537	4.05E-23	3.37E-25	1.20E+01	46.4543885	1.37E-01	102810606	102810729	NC_000010.10
cg18411108	4.11E-23	3.42E-25	1.20E+01	46.4379857	2.72E-01	63955727	63955850	NC_000003.11
cg14160480	4.15E-23	3.46E-25	1.20E+01	46.4263297	2.17E-01	15697398	15697521	NC_000001.10
cg18556676	4.15E-23	3.46E-25	1.20E+01	46.4259759	2.21E-01	22095111	22095234	NC_000012.11
cg20569034	4.17E-23	3.48E-25	1.20E+01	46.4206019	2.01E-01	58121550	58121673	NC_000012.11

cg14297867	4.18E-23	3.49E-25	1.20E+01	46.417726	1.63E-01	27526172	27526295	NC_000009.11
cg12475759	4.20E-23	3.50E-25	1.20E+01	46.4143895	2.56E-01	4714672	4714795	NC_000001.10
cg19589652	4.22E-23	3.52E-25	1.20E+01	46.4087282	1.75E-01	56000809	56000932	NC_000019.9
cg19400113	4.22E-23	3.53E-25	1.20E+01	46.407887	1.33E-01	189546778	189546901	NC_000003.11
cg10250663	4.22E-23	3.53E-25	1.20E+01	46.4076211	3.09E-01	55358458	55358581	NC_000016.9
cg13074532	4.30E-23	3.60E-25	1.20E+01	46.3873155	9.30E-02	120156359	120156482	NC_000012.11
cg06641279	4.35E-23	3.64E-25	1.20E+01	46.3762155	1.31E-01	22307561	22307684	NC_000001.10
cg19513834	4.36E-23	3.65E-25	1.20E+01	46.3737621	3.42E-01	105470561	105470684	NC_000002.11
cg05426006	4.36E-23	3.66E-25	1.20E+01	46.3720955	2.41E-01	45781603	45781726	NC_000013.10
cg09634469	4.38E-23	3.67E-25	1.20E+01	46.367738	1.80E-01	21128411	21128534	NC_000022.10
cg03807298	4.50E-23	3.78E-25	1.20E+01	46.3397639	3.80E-01	174159039	174159162	NC_000005.9
cg21550372	4.54E-23	3.82E-25	1.20E+01	46.3297318	1.58E-01	100908908	100909031	NC_000014.8
cg25024074	4.56E-23	3.84E-25	1.20E+01	46.3235581	3.18E-01	182322501	182322624	NC_000002.11
cg05708656	4.59E-23	3.86E-25	1.20E+01	46.3184057	1.74E-01	71792305	71792428	NC_000016.9
cg04880278	4.60E-23	3.87E-25	1.20E+01	46.3157254	1.37E-01	11597172	11597295	NC_000008.10
cg07882671	4.64E-23	3.91E-25	1.20E+01	46.3056837	3.85E-01	1883005	1883128	NC_000005.9
cg22812005	4.68E-23	3.95E-25	1.20E+01	46.2956094	1.30E-01	244216231	244216354	NC_000001.10
cg21802055	4.70E-23	3.97E-25	1.20E+01	46.2914459	2.64E-01	4868794	4868917	NC_000004.11
cg04475936	4.77E-23	4.03E-25	1.20E+01	46.2743049	1.64E-01	2112184	2112307	NC_000005.9
cg23204968	4.78E-23	4.04E-25	1.20E+01	46.2735468	2.21E-01	27183816	27183939	NC_000007.13
cg27631389	4.78E-23	4.04E-25	1.20E+01	46.2721444	1.81E-01	12263892	12264015	NC_000011.9
cg07723431	4.83E-23	4.08E-25	1.20E+01	46.2624453	9.10E-02	2044540	2044663	NC_000019.9
cg16583088	4.92E-23	4.16E-25	1.20E+01	46.2431007	2.01E-01	197395440	197395563	NC_000003.11
cg02505749	4.96E-23	4.20E-25	1.20E+01	46.2339105	2.80E-01	140715735	140715858	NC_000008.10
cg02700891	5.01E-23	4.25E-25	1.20E+01	46.2229488	2.92E-01	129693586	129693709	NC_000003.11

cg27172557	5.07E-23	4.32E-25	1.20E+01	46.2073472	1.92E-01	91012362	91012485	NC_000014.8
cg05500840	5.15E-23	4.39E-25	1.20E+01	46.1915691	2.26E-01	176972068	176972191	NC_000002.11
cg05999324	5.16E-23	4.40E-25	1.20E+01	46.1879517	2.02E-01	112655570	112655693	NC_000010.10
cg00274203	5.17E-23	4.41E-25	1.20E+01	46.1870543	1.88E-01	56661537	56661660	NC_000012.11
cg06965409	5.17E-23	4.41E-25	1.20E+01	46.1858647	7.61E-02	1611973	1612096	NC_000016.9
cg08485158	5.17E-23	4.42E-25	1.20E+01	46.1846369	1.85E-01	35766021	35766144	NC_000006.11
cg04585435	5.17E-23	4.42E-25	1.20E+01	46.184536	1.78E-01	4211943	4212066	NC_000017.10
cg06585708	5.26E-23	4.49E-25	1.20E+01	46.1678394	2.30E-01	3602413	3602536	NC_000005.9
cg03112869	5.29E-23	4.52E-25	1.20E+01	46.1612787	1.87E-01	48413769	48413892	NC_000003.11
cg14517454	5.34E-23	4.58E-25	1.20E+01	46.1490432	8.90E-02	26671918	26672041	NC_000001.10
cg22490780	5.35E-23	4.58E-25	1.20E+01	46.1479839	2.43E-01	16867064	16867187	NC_000005.9
cg08806408	5.39E-23	4.62E-25	1.20E+01	46.1405106	2.92E-01	51185001	51185124	NC_000016.9
cg20810478	5.39E-23	4.62E-25	1.19E+01	46.1386808	2.74E-01	248020632	248020755	NC_000001.10
cg25076197	5.45E-23	4.68E-25	1.19E+01	46.1269606	1.03E-01	104681440	104681563	NC_000007.13
cg10659886	5.53E-23	4.75E-25	1.19E+01	46.1119514	1.89E-01	58629719	58629842	NC_000019.9
cg04021697	5.53E-23	4.76E-25	1.19E+01	46.1110684	3.09E-01	3567303	3567426	NC_000001.10
cg14507560	5.55E-23	4.77E-25	1.19E+01	46.108235	3.49E-01	1882885	1883008	NC_000005.9
cg01992684	5.57E-23	4.79E-25	1.19E+01	46.1044925	1.22E-01	154147579	154147702	NC_000005.9
cg02345417	5.57E-23	4.79E-25	1.19E+01	46.1043092	1.78E-01	111631732	111631855	NC_000011.9
cg10564464	5.70E-23	4.91E-25	1.19E+01	46.0800284	1.78E-01	134963133	134963256	NC_000002.11
cg23358612	5.73E-23	4.93E-25	1.19E+01	46.0751694	2.36E-01	1275258	1275381	NC_000007.13
cg18022344	5.86E-23	5.05E-25	1.19E+01	46.050902	1.63E-01	21665238	21665361	NC_000016.9
cg24398479	5.89E-23	5.09E-25	1.19E+01	46.0442298	2.73E-01	27192061	27192184	NC_000007.13
cg02857643	5.90E-23	5.09E-25	1.19E+01	46.0435033	1.30E-01	48696108	48696231	NC_000017.10
cg18326021	5.94E-23	5.13E-25	1.19E+01	46.036166	2.59E-01	106401479	106401602	NC_000010.10

cg19211295	6.03E-23	5.21E-25	1.19E+01	46.0204231	1.36E-01	6328369	6328492	NC_000004.11
cg00483562	6.24E-23	5.40E-25	1.19E+01	45.9846817	2.86E-01	1931781	1931904	NC_000005.9
cg02334126	6.28E-23	5.44E-25	1.19E+01	45.9768675	1.36E-01	121017209	121017332	NC_000012.11
cg02135861	6.29E-23	5.45E-25	1.19E+01	45.9754177	1.88E-01	2752139	2752262	NC_000005.9
cg13536060	6.35E-23	5.50E-25	1.19E+01	45.9666779	1.63E-01	51189671	51189794	NC_000019.9
cg01126567	6.40E-23	5.55E-25	1.19E+01	45.9581626	2.63E-01	20085047	20085170	NC_000016.9
cg09017434	6.41E-23	5.56E-25	1.19E+01	45.9561295	1.83E-01	16179660	16179783	NC_000005.9
cg26010655	6.43E-23	5.58E-25	1.19E+01	45.9529937	1.69E-01	181911749	181911872	NC_000003.11
cg26978776	6.44E-23	5.59E-25	1.19E+01	45.9508704	1.83E-01	124605370	124605493	NC_000010.10
cg20815339	6.50E-23	5.65E-25	1.19E+01	45.9399087	1.43E-01	7435357	7435480	NC_000004.11
cg06653699	6.55E-23	5.70E-25	1.19E+01	45.9316294	2.82E-01	51185082	51185205	NC_000016.9
cg08238265	6.56E-23	5.70E-25	1.19E+01	45.9310988	1.91E-01	64682912	64683035	NC_000014.8
cg23994802	6.59E-23	5.73E-25	1.19E+01	45.926347	1.23E-01	241621882	241622005	NC_000002.11
cg26333652	6.64E-23	5.78E-25	1.19E+01	45.9178763	1.82E-01	2750758	2750881	NC_000005.9
cg16110314	6.67E-23	5.81E-25	1.19E+01	45.9125038	1.99E-01	246203683	246203806	NC_000001.10
cg15520279	6.75E-23	5.88E-25	1.19E+01	45.9004719	2.39E-01	176995088	176995211	NC_000002.11
cg05267269	6.79E-23	5.92E-25	1.19E+01	45.8935447	1.57E-01	101461653	101461776	NC_000002.11
cg11878045	6.81E-23	5.94E-25	1.19E+01	45.8902971	1.61E-01	2482536	2482659	NC_000011.9
cg26675654	6.89E-23	6.02E-25	1.19E+01	45.8763619	2.18E-01	1269693	1269816	NC_000007.13
cg12426612	6.89E-23	6.02E-25	1.19E+01	45.8760145	2.06E-01	25905125	25905248	NC_000017.10
cg26693553	6.96E-23	6.08E-25	1.19E+01	45.8663804	7.03E-02	3147056	3147179	NC_000010.10
cg15427886	6.98E-23	6.10E-25	1.19E+01	45.8633609	2.41E-01	55379663	55379786	NC_000008.10
cg24691891	7.02E-23	6.14E-25	1.19E+01	45.8568505	2.25E-01	33829934	33830057	NC_000001.10
cg11159090	7.08E-23	6.21E-25	1.19E+01	45.8464278	7.06E-02	72633627	72633750	NC_000005.9
cg13214504	7.15E-23	6.27E-25	1.19E+01	45.8360436	1.62E-01	240251238	240251361	NC_000002.11

cg12714007	7.23E-23	6.34E-25	1.19E+01	45.8247447	1.87E-01	119233234	119233357	NC_000011.9
cg12973941	7.35E-23	6.46E-25	1.19E+01	45.8074285	2.57E-01	13545639	13545762	NC_000004.11
cg23624016	7.36E-23	6.47E-25	1.19E+01	45.8049692	2.06E-01	43968501	43968624	NC_000007.13
cg08497311	7.39E-23	6.50E-25	1.19E+01	45.8000256	1.46E-01	88806610	88806733	NC_000016.9
cg07915921	7.39E-23	6.50E-25	1.19E+01	45.8000202	2.95E-01	54321502	54321625	NC_000012.11
cg17548735	7.46E-23	6.56E-25	1.19E+01	45.7912369	2.43E-01	41020969	41021092	NC_000006.11
cg11651237	7.51E-23	6.62E-25	1.19E+01	45.7830482	2.31E-01	27216529	27216652	NC_000015.9
cg17741689	7.52E-23	6.62E-25	1.19E+01	45.781927	2.60E-01	4714574	4714697	NC_000001.10
cg00582524	7.80E-23	6.88E-25	1.19E+01	45.7434524	2.31E-01	51184392	51184515	NC_000016.9
cg08290240	8.06E-23	7.13E-25	1.19E+01	45.7092976	2.87E-01	59827195	59827318	NC_000020.10
cg06679720	8.08E-23	7.15E-25	1.19E+01	45.7060097	2.46E-01	51417686	51417809	NC_000013.10
cg04560767	8.29E-23	7.34E-25	1.19E+01	45.6800557	8.31E-02	19107491	19107614	NC_000022.10
cg27269917	8.30E-23	7.35E-25	1.19E+01	45.678339	2.05E-01	18853737	18853860	NC_000017.10
cg19814981	8.32E-23	7.38E-25	1.19E+01	45.6747264	2.34E-01	3592435	3592558	NC_000005.9
cg20800509	8.34E-23	7.40E-25	1.19E+01	45.6723998	3.60E-01	104513083	104513206	NC_000008.10
cg21371645	8.48E-23	7.52E-25	1.19E+01	45.6553603	1.20E-01	7147256	7147379	NC_000017.10
cg18973238	8.50E-23	7.55E-25	1.19E+01	45.6517098	1.66E-01	64169293	64169416	NC_000001.10
cg21433558	8.54E-23	7.59E-25	1.19E+01	45.6466398	1.78E-01	40837037	40837160	NC_000017.10
cg09663584	8.65E-23	7.69E-25	1.19E+01	45.6342023	1.03E-01	77347405	77347528	NC_000015.9
cg26820209	8.68E-23	7.72E-25	1.19E+01	45.629613	2.03E-01	22303326	22303449	NC_000001.10
cg16976499	8.72E-23	7.76E-25	1.19E+01	45.6244199	1.55E-01	76330505	76330628	NC_000006.11
cg18456140	8.78E-23	7.82E-25	1.19E+01	45.6168669	2.16E-01	67810268	67810391	NC_000011.9
cg11823159	8.91E-23	7.94E-25	1.19E+01	45.601366	1.52E-01	128611859	128611982	NC_000002.11
cg12921171	8.98E-23	8.02E-25	1.19E+01	45.5918508	1.47E-01	63204710	63204833	NC_000015.9
cg26194092	9.09E-23	8.13E-25	1.19E+01	45.5782364	1.69E-01	15819330	15819453	NC_000001.10

cg10631097	9.26E-23	8.30E-25	1.19E+01	45.5579405	1.60E-01	10144309	10144432	NC_000002.11
cg24604988	9.43E-23	8.46E-25	1.19E+01	45.5393841	2.15E-01	32421988	32422111	NC_000020.10
cg17987112	9.46E-23	8.49E-25	1.19E+01	45.5357735	3.50E-01	174158654	174158777	NC_000005.9
cg10013501	9.47E-23	8.49E-25	1.19E+01	45.5351595	1.57E-01	25257813	25257936	NC_000001.10
cg00786909	9.52E-23	8.54E-25	1.19E+01	45.5295171	1.95E-01	227163427	227163550	NC_000001.10
cg17113147	9.55E-23	8.57E-25	1.19E+01	45.5257385	1.91E-01	753545	753668	NC_000017.10
cg06962944	9.59E-23	8.62E-25	1.19E+01	45.5200783	3.17E-01	42544728	42544851	NC_000020.10
cg24456002	9.66E-23	8.69E-25	1.19E+01	45.5122451	2.18E-01	96911165	96911288	NC_000015.9
cg10158997	9.67E-23	8.70E-25	1.19E+01	45.5112607	1.59E-01	31734106	31734229	NC_000006.11
cg24186506	9.85E-23	8.87E-25	1.19E+01	45.4921166	1.66E-01	125780810	125780933	NC_000010.10
cg12111714	9.89E-23	8.91E-25	1.19E+01	45.4871247	2.24E-01	26043472	26043595	NC_000013.10
cg14854850	1.00E-22	9.03E-25	1.19E+01	45.474041	1.08E-01	48237752	48237875	NC_000012.11
cg05783449	1.03E-22	9.29E-25	1.18E+01	45.4458825	1.79E-01	64868710	64868833	NC_000002.11
cg24109980	1.04E-22	9.44E-25	1.18E+01	45.430381	2.94E-01	50818707	50818830	NC_000010.10
cg07918545	1.05E-22	9.46E-25	1.18E+01	45.4273562	3.15E-01	129535669	129535792	NC_000010.10
cg03531687	1.06E-22	9.56E-25	1.18E+01	45.4176008	1.15E-01	25638551	25638674	NC_000003.11
cg01851378	1.07E-22	9.70E-25	1.18E+01	45.403032	2.66E-01	51186925	51187048	NC_000016.9
cg22997113	1.07E-22	9.74E-25	1.18E+01	45.3987092	2.24E-01	27170241	27170364	NC_000007.13
cg16538471	1.07E-22	9.74E-25	1.18E+01	45.3987086	1.21E-01	20153546	20153669	NC_000007.13
cg17432857	1.09E-22	9.89E-25	1.18E+01	45.3839732	2.42E-01	27184438	27184561	NC_000007.13
cg19255084	1.10E-22	9.97E-25	1.18E+01	45.3761857	9.95E-02	113412723	113412846	NC_000003.11
cg24794906	1.10E-22	9.97E-25	1.18E+01	45.3752609	1.05E-01	37836827	37836950	NC_000021.8
cg07442479	1.12E-22	1.02E-24	1.18E+01	45.3513489	2.11E-01	37839769	37839892	NC_000005.9
cg16126178	1.13E-22	1.03E-24	1.18E+01	45.3432782	1.36E-01	105239857	105239980	NC_000014.8
cg24847829	1.16E-22	1.05E-24	1.18E+01	45.3197468	3.26E-01	136834464	136834587	NC_000005.9

cg05115106	1.16E-22	1.06E-24	1.18E+01	45.3178332	6.28E-02	75250344	75250467	NC_000017.10
cg05528516	1.16E-22	1.06E-24	1.18E+01	45.3148829	9.99E-02	1070040	1070163	NC_000001.10
cg07838483	1.18E-22	1.08E-24	1.18E+01	45.2957494	2.13E-01	30202712	30202835	NC_000019.9
cg06214745	1.20E-22	1.10E-24	1.18E+01	45.2823974	1.07E-01	1051817	1051940	NC_000017.10
cg11843333	1.20E-22	1.10E-24	1.18E+01	45.2823934	1.34E-01	15719138	15719261	NC_000004.11
cg15937832	1.21E-22	1.11E-24	1.18E+01	45.2678132	7.05E-02	26368795	26368918	NC_000008.10
cg17716724	1.25E-22	1.14E-24	1.18E+01	45.2416244	9.92E-02	200118677	200118800	NC_000001.10
cg21216220	1.25E-22	1.14E-24	1.18E+01	45.238746	1.37E-01	35732945	35733068	NC_000017.10
cg03611809	1.25E-22	1.14E-24	1.18E+01	45.2385915	1.69E-01	43709209	43709332	NC_000001.10
cg22288657	1.26E-22	1.16E-24	1.18E+01	45.2280564	1.58E-01	688002	688125	NC_000017.10
cg21929943	1.27E-22	1.16E-24	1.18E+01	45.2211083	2.62E-01	152622815	152622938	NC_000007.13
cg09086835	1.27E-22	1.17E-24	1.18E+01	45.2206891	1.85E-01	89922345	89922468	NC_000015.9
cg22424284	1.28E-22	1.17E-24	1.18E+01	45.2130381	2.58E-01	118166402	118166525	NC_000001.10
cg02430183	1.28E-22	1.18E-24	1.18E+01	45.2111098	2.12E-01	95947766	95947889	NC_000009.11
cg18763223	1.28E-22	1.18E-24	1.18E+01	45.2109054	1.09E-01	74334701	74334824	NC_000015.9
cg00982535	1.29E-22	1.19E-24	1.18E+01	45.2007295	1.88E-01	118166013	118166136	NC_000001.10
cg14058329	1.31E-22	1.20E-24	1.18E+01	45.1886717	2.03E-01	27183946	27184069	NC_000007.13
cg14014225	1.31E-22	1.20E-24	1.18E+01	45.1885856	1.44E-01	38479236	38479359	NC_000022.10
cg19593767	1.33E-22	1.22E-24	1.18E+01	45.1736915	2.30E-01	42544666	42544789	NC_000020.10
cg05335030	1.33E-22	1.22E-24	1.18E+01	45.172064	1.72E-01	50632819	50632942	NC_000022.10
cg23811117	1.33E-22	1.23E-24	1.18E+01	45.1706263	8.61E-02	158155310	158155433	NC_000002.11
cg12981843	1.36E-22	1.26E-24	1.18E+01	45.1465496	1.40E-01	779218	779341	NC_000016.9
cg10386483	1.36E-22	1.26E-24	1.18E+01	45.143096	3.04E-01	35047189	35047312	NC_000015.9
cg16749093	1.40E-22	1.30E-24	1.18E+01	45.1148287	1.65E-01	65352605	65352728	NC_000011.9
cg09923593	1.40E-22	1.30E-24	1.18E+01	45.1104057	1.51E-01	65287548	65287671	NC_000002.11

cg23942526	1.42E-22	1.32E-24	1.18E+01	45.0996231	1.62E-01	27882598	27882721	NC_000007.13
cg01614020	1.44E-22	1.33E-24	1.18E+01	45.0866445	3.20E-01	24814137	24814260	NC_000008.10
cg03283421	1.44E-22	1.34E-24	1.18E+01	45.0842301	2.46E-01	124610984	124611107	NC_000010.10
cg21908828	1.45E-22	1.34E-24	1.18E+01	45.0790121	1.37E-01	154386136	154386259	NC_000004.11
cg05578673	1.47E-22	1.37E-24	1.18E+01	45.0608695	2.15E-01	90307339	90307462	NC_000001.10
cg23065561	1.48E-22	1.37E-24	1.18E+01	45.0571452	1.83E-01	53522876	53522999	NC_000004.11
cg13938785	1.48E-22	1.38E-24	1.18E+01	45.0556237	2.22E-01	140471399	140471522	NC_000009.11
cg26997966	1.50E-22	1.40E-24	1.18E+01	45.0397409	1.25E-01	117155868	117155991	NC_000011.9
cg19219655	1.54E-22	1.43E-24	1.18E+01	45.0142036	1.27E-01	10187086	10187209	NC_000002.11
cg16523655	1.54E-22	1.44E-24	1.18E+01	45.0118567	1.26E-01	30103301	30103424	NC_000006.11
cg10155522	1.54E-22	1.44E-24	1.18E+01	45.0103481	2.07E-01	94868555	94868678	NC_000011.9
cg05369857	1.55E-22	1.45E-24	1.18E+01	45.0040952	2.90E-01	101923702	101923825	NC_000014.8
cg14697605	1.55E-22	1.45E-24	1.18E+01	45.0030829	1.01E-01	22240140	22240263	NC_000008.10
cg14882265	1.56E-22	1.45E-24	1.18E+01	45.0007984	2.01E-01	27184375	27184498	NC_000007.13
cg18405631	1.56E-22	1.46E-24	1.18E+01	45.0001315	1.28E-01	171155686	171155809	NC_000003.11
cg18524262	1.56E-22	1.46E-24	1.18E+01	44.9990664	1.95E-01	55862111	55862234	NC_000018.9
cg20482698	1.57E-22	1.47E-24	1.18E+01	44.9933291	2.71E-01	236849994	236850117	NC_000001.10
cg21865150	1.58E-22	1.48E-24	1.18E+01	44.9817499	2.79E-01	46804239	46804362	NC_000017.10
cg07532965	1.59E-22	1.49E-24	1.18E+01	44.9790414	1.58E-01	24667149	24667272	NC_000014.8
cg13784195	1.59E-22	1.49E-24	1.18E+01	44.9780041	2.06E-01	27104564	27104687	NC_000021.8
cg18256498	1.59E-22	1.49E-24	1.18E+01	44.9758491	1.61E-01	173125575	173125698	NC_000005.9
cg25113237	1.59E-22	1.49E-24	1.18E+01	44.9742513	3.34E-01	2756113	2756236	NC_000005.9
cg13053408	1.62E-22	1.52E-24	1.18E+01	44.9580524	1.07E-01	10146330	10146453	NC_000003.11
cg04494197	1.62E-22	1.52E-24	1.18E+01	44.9572702	1.93E-01	1011415	1011538	NC_000011.9
cg07985164	1.62E-22	1.52E-24	1.18E+01	44.9555358	1.72E-01	93196523	93196646	NC_000015.9



cg07099331	1.64E-22	1.54E-24	1.18E+01	44.9446961	2.50E-01	102419617	102419740	NC_000010.10
cg08572611	1.65E-22	1.55E-24	1.18E+01	44.9356165	2.60E-01	100253914	100254037	NC_000007.13
cg03893271	1.65E-22	1.55E-24	1.18E+01	44.9354116	2.72E-01	70597458	70597581	NC_000007.13
cg14013695	1.67E-22	1.58E-24	1.18E+01	44.9204854	2.39E-01	27184176	27184299	NC_000007.13
cg16457842	1.71E-22	1.61E-24	1.18E+01	44.8967015	1.57E-01	84417445	84417568	NC_000006.11
cg24980653	1.72E-22	1.63E-24	1.18E+01	44.8885779	3.23E-01	1399235	1399358	NC_000004.11
cg05162256	1.72E-22	1.63E-24	1.18E+01	44.8877502	1.30E-01	53522945	53523068	NC_000004.11
cg07060551	1.74E-22	1.65E-24	1.18E+01	44.875085	1.81E-01	51198381	51198504	NC_000019.9
cg05938267	1.75E-22	1.66E-24	1.18E+01	44.8714962	7.75E-02	77228897	77229020	NC_000016.9
cg21198455	1.77E-22	1.68E-24	1.18E+01	44.8577229	1.91E-01	131679993	131680116	NC_000009.11
cg04457114	1.84E-22	1.74E-24	1.18E+01	44.8207422	2.02E-01	174159705	174159828	NC_000005.9
cg24200426	1.84E-22	1.75E-24	1.18E+01	44.8187173	1.08E-01	50184585	50184708	NC_000019.9
cg27353143	1.84E-22	1.75E-24	1.18E+01	44.8162719	2.07E-01	38308057	38308180	NC_000019.9
cg18501001	1.86E-22	1.77E-24	1.18E+01	44.8044852	1.82E-01	76497386	76497509	NC_000017.10
cg26400421	1.87E-22	1.78E-24	1.18E+01	44.7982391	1.38E-01	33334443	33334566	NC_000011.9
cg03507412	1.88E-22	1.79E-24	1.18E+01	44.792833	6.14E-02	6491411	6491534	NC_000011.9
cg19263228	1.90E-22	1.81E-24	1.18E+01	44.7827733	1.48E-01	3191660	3191783	NC_000001.10
cg00646347	1.91E-22	1.82E-24	1.18E+01	44.7777616	1.93E-01	135044856	135044979	NC_000010.10
cg14834653	1.96E-22	1.87E-24	1.17E+01	44.7504692	1.56E-01	123353791	123353914	NC_000010.10
cg16679302	1.98E-22	1.90E-24	1.17E+01	44.737076	1.14E-01	85622276	85622399	NC_000016.9
cg23342718	2.01E-22	1.93E-24	1.17E+01	44.7217627	2.77E-01	115135576	115135699	NC_000012.11
cg15868425	2.02E-22	1.94E-24	1.17E+01	44.7155576	1.77E-01	105643522	105643645	NC_000014.8
cg24902995	2.06E-22	1.97E-24	1.17E+01	44.6982058	1.91E-01	922165	922288	NC_000007.13
cg19333201	2.11E-22	2.03E-24	1.17E+01	44.6705936	1.57E-01	53137547	53137670	NC_000010.10
cg07790615	2.11E-22	2.03E-24	1.17E+01	44.6701741	3.27E-01	237205174	237205297	NC_000001.10

cg04295172	2.12E-22	2.04E-24	1.17E+01	44.6667362	1.38E-01	108365051	108365174	NC_000011.9
cg09467345	2.17E-22	2.09E-24	1.17E+01	44.6416059	1.49E-01	30407202	30407325	NC_000020.10
cg11075451	2.20E-22	2.12E-24	1.17E+01	44.6252425	1.49E-01	89600119	89600242	NC_000001.10
cg03744763	2.21E-22	2.13E-24	1.17E+01	44.6226696	2.14E-01	27184737	27184860	NC_000007.13
cg02582387	2.22E-22	2.15E-24	1.17E+01	44.6136157	2.68E-01	20879813	20879936	NC_000001.10
cg23850283	2.22E-22	2.15E-24	1.17E+01	44.6132696	1.86E-01	114261369	114261492	NC_000002.11
cg12786452	2.23E-22	2.15E-24	1.17E+01	44.6127067	1.69E-01	62309293	62309416	NC_000017.10
cg24856726	2.25E-22	2.17E-24	1.17E+01	44.6027054	2.94E-01	108169333	108169456	NC_000012.11
cg03650119	2.25E-22	2.17E-24	1.17E+01	44.6020229	1.98E-01	228346014	228346137	NC_000001.10
cg25403721	2.25E-22	2.18E-24	1.17E+01	44.6005461	2.63E-01	114885372	114885495	NC_000012.11
cg02930721	2.25E-22	2.18E-24	1.17E+01	44.6003419	1.81E-01	89375113	89375236	NC_000016.9
cg23415434	2.26E-22	2.19E-24	1.17E+01	44.595847	2.14E-01	131798869	131798992	NC_000002.11
cg22236375	2.26E-22	2.19E-24	1.17E+01	44.5946509	8.01E-02	100089996	100090119	NC_000002.11
cg12801067	2.27E-22	2.20E-24	1.17E+01	44.5896848	1.20E-01	89380779	89380902	NC_000012.11
cg04252204	2.29E-22	2.21E-24	1.17E+01	44.583097	1.51E-01	80401500	80401623	NC_000017.10
cg07160746	2.29E-22	2.22E-24	1.17E+01	44.5788778	2.03E-01	43726765	43726888	NC_000020.10
cg01088387	2.29E-22	2.22E-24	1.17E+01	44.5787522	8.51E-02	78215445	78215568	NC_000011.9
cg16404157	2.31E-22	2.24E-24	1.17E+01	44.5736006	2.56E-01	38724648	38724771	NC_000014.8
cg03840594	2.37E-22	2.30E-24	1.17E+01	44.5449817	1.47E-01	99283553	99283676	NC_000006.11
cg27606499	2.37E-22	2.31E-24	1.17E+01	44.5421799	2.47E-01	147111120	147111243	NC_000003.11
cg18920088	2.38E-22	2.31E-24	1.17E+01	44.5408885	2.10E-01	151346409	151346532	NC_000006.11
cg18987410	2.38E-22	2.31E-24	1.17E+01	44.5397605	2.43E-01	124791197	124791320	NC_000011.9
cg06488443	2.40E-22	2.34E-24	1.17E+01	44.5284964	1.67E-01	162280341	162280464	NC_000002.11
cg06009783	2.42E-22	2.35E-24	1.17E+01	44.5228081	1.71E-01	64588440	64588563	NC_000002.11
cg24709001	2.46E-22	2.39E-24	1.17E+01	44.5069817	1.29E-01	3235319	3235442	NC_000004.11

cg10536898	2.47E-22	2.40E-24	1.17E+01	44.5017751	2.04E-01	50673227	50673350	NC_000005.9
cg05966235	2.48E-22	2.42E-24	1.17E+01	44.4963883	1.60E-01	28915196	28915319	NC_000016.9
cg06158650	2.50E-22	2.44E-24	1.17E+01	44.4881979	2.57E-01	119522637	119522760	NC_000001.10
cg09574499	2.50E-22	2.44E-24	1.17E+01	44.4863932	2.04E-01	27168962	27169085	NC_000007.13
cg08313939	2.50E-22	2.44E-24	1.17E+01	44.4857642	2.43E-01	37353117	37353240	NC_000020.10
cg26693451	2.51E-22	2.44E-24	1.17E+01	44.4847795	8.59E-02	78163892	78164015	NC_000017.10
cg04510788	2.51E-22	2.45E-24	1.17E+01	44.481536	2.05E-01	37498900	37499023	NC_000001.10
cg21300373	2.51E-22	2.45E-24	1.17E+01	44.4808037	2.09E-01	165304540	165304663	NC_000004.11
cg18267047	2.53E-22	2.47E-24	1.17E+01	44.4743569	1.69E-01	30121774	30121897	NC_000006.11
cg04170948	2.55E-22	2.49E-24	1.17E+01	44.4667526	1.48E-01	56979519	56979642	NC_000016.9
cg13284646	2.59E-22	2.54E-24	1.17E+01	44.4484314	1.49E-01	32505474	32505597	NC_000017.10
cg24937685	2.63E-22	2.57E-24	1.17E+01	44.4350672	1.57E-01	129806002	129806125	NC_000011.9
cg20227326	2.65E-22	2.60E-24	1.17E+01	44.4255615	1.42E-01	25227128	25227251	NC_000008.10
cg13306921	2.67E-22	2.62E-24	1.17E+01	44.4179614	1.59E-01	54863529	54863652	NC_000001.10
cg14565725	2.71E-22	2.65E-24	1.17E+01	44.4030517	1.96E-01	119532044	119532167	NC_000001.10
cg04904331	2.72E-22	2.67E-24	1.17E+01	44.3974927	3.62E-01	49813033	49813156	NC_000007.13
cg11932644	2.73E-22	2.68E-24	1.17E+01	44.3932561	1.80E-01	129230657	129230780	NC_000004.11
cg01281038	2.74E-22	2.69E-24	1.17E+01	44.3917156	1.58E-01	67966256	67966379	NC_000016.9
cg09302895	2.74E-22	2.69E-24	1.17E+01	44.3908012	1.99E-01	237077311	237077434	NC_000002.11
cg21875330	2.78E-22	2.73E-24	1.17E+01	44.3740644	1.92E-01	37127874	37127997	NC_000014.8
cg14636164	2.79E-22	2.74E-24	1.17E+01	44.372203	1.09E-01	127121878	127122001	NC_000009.11
cg20704654	2.79E-22	2.74E-24	1.17E+01	44.3708989	2.06E-01	30072118	30072241	NC_000020.10
cg12863545	2.79E-22	2.75E-24	1.17E+01	44.368754	3.22E-01	8869136	8869259	NC_000017.10
cg27578811	2.81E-22	2.76E-24	1.17E+01	44.3628069	2.22E-01	83316223	83316346	NC_000015.9
cg20309677	2.81E-22	2.77E-24	1.17E+01	44.3606481	1.50E-01	116925753	116925876	NC_000001.10

cg17873048	2.86E-22	2.82E-24	1.17E+01	44.3439959	2.50E-01	46697700	46697823	NC_000017.10
cg22508930	2.89E-22	2.85E-24	1.17E+01	44.3317735	1.41E-01	69016159	69016282	NC_000012.11
cg01237333	2.91E-22	2.88E-24	1.17E+01	44.3226763	1.51E-01	113530	113653	NC_000009.11
cg17116895	2.93E-22	2.89E-24	1.17E+01	44.3171538	8.18E-02	112133054	112133177	NC_000006.11
cg14096889	2.94E-22	2.91E-24	1.17E+01	44.3125145	2.46E-01	84322591	84322714	NC_000015.9
cg01983105	2.95E-22	2.92E-24	1.17E+01	44.309416	1.78E-01	103421224	103421347	NC_000004.11
cg22911054	2.95E-22	2.92E-24	1.17E+01	44.3075049	2.36E-01	68603379	68603502	NC_000011.9
cg13678973	2.95E-22	2.92E-24	1.17E+01	44.3071108	2.85E-01	50513870	50513993	NC_000001.10
cg12754421	2.99E-22	2.96E-24	1.17E+01	44.2940258	2.68E-01	105480790	105480913	NC_000011.9
cg00676269	2.99E-22	2.96E-24	1.17E+01	44.2935041	1.35E-01	46429970	46430093	NC_000022.10
cg02742906	2.99E-22	2.96E-24	1.17E+01	44.2933142	2.86E-01	112758625	112758748	NC_000013.10
cg25447202	3.01E-22	2.98E-24	1.17E+01	44.2867522	9.89E-02	3409885	3410008	NC_000004.11
cg13857947	3.01E-22	2.99E-24	1.17E+01	44.2864565	1.80E-01	240318818	240318941	NC_000002.11
cg24693478	3.01E-22	2.99E-24	1.17E+01	44.2862118	1.08E-01	208218000	208218123	NC_000001.10
cg27343663	3.02E-22	3.00E-24	1.17E+01	44.2819715	6.00E-02	79082811	79082934	NC_000017.10
cg14888296	3.02E-22	3.00E-24	1.17E+01	44.2804617	1.66E-01	48413707	48413830	NC_000003.11
cg25104105	3.03E-22	3.01E-24	1.17E+01	44.2786136	3.23E-01	14925198	14925321	NC_000001.10
cg18940047	3.05E-22	3.04E-24	1.17E+01	44.2699658	2.19E-01	153749736	153749859	NC_000007.13
cg00790847	3.09E-22	3.08E-24	1.17E+01	44.2553081	1.49E-01	40497575	40497698	NC_000012.11
cg16021909	3.10E-22	3.09E-24	1.17E+01	44.2506295	2.63E-01	248021091	248021214	NC_000001.10
cg14048837	3.12E-22	3.11E-24	1.17E+01	44.2449663	1.98E-01	109658527	109658650	NC_000009.11
cg18597315	3.16E-22	3.15E-24	1.17E+01	44.232378	1.78E-01	40549191	40549314	NC_000015.9
cg25575115	3.19E-22	3.19E-24	1.17E+01	44.2209887	1.01E-01	101175912	101176035	NC_000013.10
cg19912142	3.20E-22	3.20E-24	1.17E+01	44.2183837	2.87E-01	119494671	119494794	NC_000010.10
cg23572908	3.20E-22	3.20E-24	1.17E+01	44.2170605	3.42E-01	158937969	158938092	NC_000007.13

cg08965374	3.22E-22	3.22E-24	1.17E+01	44.2124418	1.26E-01	124370088	124370211	NC_000005.9
cg27151303	3.25E-22	3.25E-24	1.17E+01	44.2008048	2.26E-01	27184821	27184944	NC_000007.13
cg05058846	3.26E-22	3.26E-24	1.17E+01	44.1978045	1.40E-01	79270707	79270830	NC_000010.10
cg04213746	3.27E-22	3.28E-24	1.17E+01	44.1929877	2.30E-01	8106003	8106126	NC_000010.10
cg27391357	3.31E-22	3.32E-24	1.17E+01	44.1810851	1.92E-01	107017800	107017923	NC_000004.11
cg10952925	3.31E-22	3.32E-24	1.17E+01	44.1807577	1.97E-01	22327803	22327926	NC_000001.10
cg08842021	3.31E-22	3.32E-24	1.17E+01	44.1807364	9.44E-02	45481731	45481854	NC_000006.11
cg10613332	3.32E-22	3.33E-24	1.17E+01	44.1777093	1.33E-01	13368845	13368968	NC_000019.9
cg27201802	3.33E-22	3.34E-24	1.17E+01	44.173601	1.49E-01	30138225	30138348	NC_000006.11
cg02451516	3.34E-22	3.35E-24	1.17E+01	44.1715417	1.63E-01	74657147	74657270	NC_000016.9
cg24049451	3.36E-22	3.37E-24	1.17E+01	44.1657228	1.01E-01	37826163	37826286	NC_000017.10
cg00760272	3.36E-22	3.38E-24	1.17E+01	44.1632963	6.96E-02	44067042	44067165	NC_000002.11
cg06180630	3.37E-22	3.39E-24	1.17E+01	44.1599376	8.72E-02	3401607	3401730	NC_000001.10
cg09578475	3.40E-22	3.42E-24	1.17E+01	44.1513193	2.86E-01	9473688	9473811	NC_000019.9
cg26514080	3.41E-22	3.44E-24	1.17E+01	44.146924	1.14E-01	33239538	33239661	NC_000001.10
cg18946437	3.43E-22	3.46E-24	1.17E+01	44.1409009	1.61E-01	25335346	25335469	NC_000022.10
cg24892571	3.45E-22	3.48E-24	1.17E+01	44.1353957	5.68E-02	66284828	66284951	NC_000012.11
cg06504162	3.49E-22	3.52E-24	1.17E+01	44.1233615	1.77E-01	11559800	11559923	NC_000011.9
cg17433998	3.52E-22	3.55E-24	1.17E+01	44.1142243	1.83E-01	130025478	130025601	NC_000007.13
cg06616014	3.52E-22	3.56E-24	1.17E+01	44.1128167	1.95E-01	48413738	48413861	NC_000003.11
cg18786873	3.56E-22	3.59E-24	1.17E+01	44.1034913	2.76E-01	110610899	110611022	NC_000001.10
cg04082793	3.56E-22	3.60E-24	1.17E+01	44.1018637	1.15E-01	11513849	11513972	NC_000004.11
cg27378890	3.57E-22	3.60E-24	1.17E+01	44.1000716	1.31E-01	10834591	10834714	NC_000016.9
cg12999453	3.59E-22	3.62E-24	1.17E+01	44.0944666	1.86E-01	59482319	59482442	NC_000017.10
cg00912625	3.60E-22	3.63E-24	1.17E+01	44.0909748	2.70E-01	2140977	2141100	NC_000003.11

cg19719409	3.60E-22	3.65E-24	1.17E+01	44.0879599	1.50E-01	27130324	27130447	NC_000007.13
cg12964697	3.61E-22	3.65E-24	1.17E+01	44.0858975	1.69E-01	2140231	2140354	NC_000007.13
cg26277754	3.62E-22	3.67E-24	1.17E+01	44.0811925	2.17E-01	50673033	50673156	NC_000005.9
cg17806437	3.62E-22	3.67E-24	1.17E+01	44.0811129	2.13E-01	42211581	42211704	NC_000015.9
cg10666081	3.64E-22	3.69E-24	1.17E+01	44.0757615	1.01E-01	105985002	105985125	NC_000002.11
cg00334063	3.64E-22	3.69E-24	1.17E+01	44.0754509	2.46E-01	147106010	147106133	NC_000003.11
cg13707793	3.66E-22	3.71E-24	1.16E+01	44.070745	2.34E-01	139045301	139045424	NC_000005.9
cg25710107	3.66E-22	3.71E-24	1.16E+01	44.0696009	2.18E-01	101187390	101187513	NC_000013.10
cg03264601	3.69E-22	3.74E-24	1.16E+01	44.0617231	3.06E-01	55500670	55500793	NC_000020.10
cg14045872	3.70E-22	3.76E-24	1.16E+01	44.0564732	2.97E-01	49813065	49813188	NC_000007.13
cg26328180	3.71E-22	3.77E-24	1.16E+01	44.0536794	1.34E-01	91874214	91874337	NC_000002.11
cg27243166	3.74E-22	3.80E-24	1.16E+01	44.0471149	1.59E-01	64479496	64479619	NC_000011.9
cg16472542	3.79E-22	3.85E-24	1.16E+01	44.0328378	1.10E-01	20020575	20020698	NC_000022.10
cg24123634	3.83E-22	3.90E-24	1.16E+01	44.020403	1.20E-01	52008360	52008483	NC_000010.10
cg14113442	3.83E-22	3.91E-24	1.16E+01	44.0190567	7.01E-02	44078112	44078235	NC_000021.8
cg23246769	3.87E-22	3.95E-24	1.16E+01	44.0081421	1.50E-01	124461296	124461419	NC_000012.11
cg19267252	3.88E-22	3.96E-24	1.16E+01	44.0063084	2.46E-01	105459317	105459440	NC_000002.11
cg22175781	3.89E-22	3.97E-24	1.16E+01	44.0044892	1.09E-01	101175948	101176071	NC_000013.10
cg24536114	3.89E-22	3.97E-24	1.16E+01	44.0030295	1.22E-01	89448405	89448528	NC_000001.10
cg15966151	3.95E-22	4.03E-24	1.16E+01	43.987231	1.78E-01	27238472	27238595	NC_000001.10
cg03735012	3.95E-22	4.04E-24	1.16E+01	43.9868493	2.64E-01	55964092	55964215	NC_000019.9
cg24948406	3.98E-22	4.07E-24	1.16E+01	43.9783272	2.10E-01	46608268	46608391	NC_000017.10
cg15705563	4.01E-22	4.10E-24	1.16E+01	43.9720642	1.09E-01	33273014	33273137	NC_000006.11
cg01192746	4.04E-22	4.13E-24	1.16E+01	43.9640572	2.09E-01	179717478	179717601	NC_000005.9
cg05184377	4.06E-22	4.16E-24	1.16E+01	43.9574932	1.73E-01	50976646	50976769	NC_000010.10

cg21049762	4.07E-22	4.16E-24	1.16E+01	43.9560259	1.68E-01	67805456	67805579	NC_000011.9
cg04860563	4.11E-22	4.21E-24	1.16E+01	43.9443458	1.10E-01	189524470	189524593	NC_000003.11
cg01835580	4.14E-22	4.25E-24	1.16E+01	43.9361909	2.06E-01	21511501	21511624	NC_000014.8
cg26770907	4.17E-22	4.27E-24	1.16E+01	43.9298447	1.95E-01	48844808	48844931	NC_000016.9
cg18829521	4.18E-22	4.30E-24	1.16E+01	43.925126	1.09E-01	24496598	24496721	NC_000010.10
cg21836358	4.20E-22	4.32E-24	1.16E+01	43.9198346	2.41E-01	63790202	63790325	NC_000001.10
cg04127342	4.28E-22	4.41E-24	1.16E+01	43.8999545	2.58E-01	57358130	57358253	NC_000008.10
cg18259189	4.29E-22	4.41E-24	1.16E+01	43.8987407	5.59E-02	70020941	70021064	NC_000011.9
cg07562888	4.29E-22	4.42E-24	1.16E+01	43.8967526	2.19E-01	80883720	80883843	NC_000010.10
cg03311556	4.33E-22	4.46E-24	1.16E+01	43.887562	1.90E-01	81108070	81108193	NC_000004.11
cg22795470	4.33E-22	4.46E-24	1.16E+01	43.8868783	2.42E-01	43152542	43152665	NC_000007.13
cg21510284	4.35E-22	4.48E-24	1.16E+01	43.8835164	1.68E-01	103854927	103855050	NC_000014.8
cg15805451	4.42E-22	4.57E-24	1.16E+01	43.8644071	1.68E-01	51135775	51135898	NC_000007.13
cg06582663	4.45E-22	4.60E-24	1.16E+01	43.8571366	1.95E-01	79043264	79043387	NC_000017.10
cg07800670	4.49E-22	4.64E-24	1.16E+01	43.8482706	1.32E-01	56765087	56765210	NC_000006.11
cg01242602	4.49E-22	4.64E-24	1.16E+01	43.8477454	6.40E-02	99871510	99871633	NC_000006.11
cg12595013	4.51E-22	4.67E-24	1.16E+01	43.8429728	1.96E-01	147128123	147128246	NC_000003.11
cg01581084	4.52E-22	4.68E-24	1.16E+01	43.8402374	2.55E-01	99961874	99961997	NC_000008.10
cg20230732	4.59E-22	4.76E-24	1.16E+01	43.8240351	1.50E-01	128721448	128721571	NC_000003.11
cg05520712	4.61E-22	4.77E-24	1.16E+01	43.8205934	1.11E-01	53079912	53080035	NC_000005.9
cg17934871	4.67E-22	4.84E-24	1.16E+01	43.8064247	2.70E-01	37248423	37248546	NC_000013.10
cg12685548	4.69E-22	4.87E-24	1.16E+01	43.800722	1.56E-01	180644451	180644574	NC_000003.11
cg23244289	4.70E-22	4.87E-24	1.16E+01	43.7996204	2.85E-01	79331135	79331258	NC_000005.9
cg15067606	4.70E-22	4.88E-24	1.16E+01	43.7993275	1.36E-01	113458144	113458267	NC_000003.11
cg18731024	4.80E-22	4.98E-24	1.16E+01	43.7775419	2.29E-01	2998264	2998387	NC_000005.9

cg08643997	4.80E-22	4.99E-24	1.16E+01	43.7771959	1.09E-01	224136349	224136472	NC_000001.10
cg01354473	4.81E-22	5.00E-24	1.16E+01	43.7743167	1.87E-01	27204803	27204926	NC_000007.13
cg14836602	4.82E-22	5.01E-24	1.16E+01	43.7715787	2.64E-01	3592718	3592841	NC_000005.9
cg10216615	4.86E-22	5.06E-24	1.16E+01	43.7626012	2.78E-01	37353158	37353281	NC_000020.10
cg04150488	4.88E-22	5.08E-24	1.16E+01	43.7575263	1.25E-01	58799794	58799917	NC_000012.11
cg22702772	4.88E-22	5.09E-24	1.16E+01	43.75676	2.98E-01	48699012	48699135	NC_000003.11
cg01814898	4.92E-22	5.14E-24	1.16E+01	43.7474727	2.20E-01	110530427	110530550	NC_000001.10
cg24415208	4.93E-22	5.14E-24	1.16E+01	43.747145	2.88E-01	54466441	54466564	NC_000019.9
cg16768018	4.97E-22	5.18E-24	1.16E+01	43.7385651	2.46E-01	147108843	147108966	NC_000003.11
cg11389172	4.98E-22	5.19E-24	1.16E+01	43.7362901	2.97E-01	50818299	50818422	NC_000010.10
cg23666536	5.01E-22	5.24E-24	1.16E+01	43.7280997	1.41E-01	114240177	114240300	NC_000001.10
cg27501362	5.05E-22	5.28E-24	1.16E+01	43.7208106	1.38E-01	24796628	24796751	NC_000022.10
cg09124223	5.05E-22	5.28E-24	1.16E+01	43.7207823	2.28E-01	153749738	153749861	NC_000007.13
cg01939453	5.09E-22	5.32E-24	1.16E+01	43.7120933	2.68E-01	166077483	166077606	NC_000006.11
cg27241576	5.10E-22	5.34E-24	1.16E+01	43.7088443	7.12E-02	81663253	81663376	NC_000016.9
cg07792478	5.11E-22	5.36E-24	1.16E+01	43.7061263	3.07E-01	65290484	65290607	NC_000008.10
cg23495279	5.12E-22	5.37E-24	1.16E+01	43.7042003	2.56E-01	4849827	4849950	NC_000008.10
cg15373592	5.14E-22	5.39E-24	1.16E+01	43.6998924	2.26E-01	56405167	56405290	NC_000006.11
cg15443067	5.14E-22	5.39E-24	1.16E+01	43.6992501	5.67E-02	564731	564854	NC_000012.11
cg05260031	5.15E-22	5.40E-24	1.16E+01	43.6973678	2.02E-01	145677584	145677707	NC_000008.10
cg13751267	5.17E-22	5.42E-24	1.16E+01	43.6939195	1.26E-01	178416402	178416525	NC_000002.11
cg02473540	5.17E-22	5.42E-24	1.16E+01	43.6937755	2.34E-01	58570454	58570577	NC_000019.9
cg07823492	5.18E-22	5.44E-24	1.16E+01	43.6910558	2.41E-01	46608099	46608222	NC_000017.10
cg03790250	5.21E-22	5.47E-24	1.16E+01	43.6850273	2.38E-01	20256326	20256449	NC_000004.11
cg18065874	5.23E-22	5.49E-24	1.16E+01	43.6807528	1.47E-01	37244283	37244406	NC_000008.10



cg17972789	5.23E-22	5.50E-24	1.16E+01	43.6800175	2.25E-01	70372105	70372228	NC_000015.9
cg14362113	5.26E-22	5.53E-24	1.16E+01	43.6736036	1.64E-01	22956527	22956650	NC_000006.11
cg17326855	5.28E-22	5.56E-24	1.16E+01	43.669615	1.96E-01	118435653	118435776	NC_000001.10
cg11106836	5.31E-22	5.59E-24	1.16E+01	43.6637748	1.37E-01	117852822	117852945	NC_000011.9
cg04183158	5.37E-22	5.66E-24	1.16E+01	43.6515928	1.98E-01	1010983	1011106	NC_000011.9
cg15228928	5.38E-22	5.66E-24	1.16E+01	43.6506864	3.05E-01	112727521	112727644	NC_000013.10
cg26069037	5.44E-22	5.73E-24	1.16E+01	43.6389998	1.04E-01	38479240	38479363	NC_000022.10
cg25424419	5.44E-22	5.73E-24	1.16E+01	43.6389861	1.70E-01	26284491	26284614	NC_000017.10
cg01962750	5.46E-22	5.76E-24	1.16E+01	43.6335034	1.29E-01	8298983	8299106	NC_000002.11
cg04290346	5.47E-22	5.77E-24	1.16E+01	43.63177	3.00E-01	20177852	20177975	NC_000011.9
cg22879689	5.49E-22	5.79E-24	1.16E+01	43.6284275	1.59E-01	925143	925266	NC_000007.13
cg16065021	5.49E-22	5.79E-24	1.16E+01	43.6283995	2.44E-01	127940654	127940777	NC_000012.11
cg06122635	5.53E-22	5.84E-24	1.16E+01	43.6199852	3.01E-01	105461368	105461491	NC_000002.11
cg14841514	5.63E-22	5.96E-24	1.16E+01	43.6005144	1.51E-01	80866619	80866742	NC_000010.10
cg25139636	5.64E-22	5.96E-24	1.16E+01	43.5990168	1.30E-01	69084888	69085011	NC_000015.9
cg26807475	5.69E-22	6.02E-24	1.16E+01	43.5897082	1.08E-01	16671081	16671204	NC_000005.9
cg22918700	5.70E-22	6.04E-24	1.16E+01	43.5868697	1.25E-01	24600067	24600190	NC_000014.8
cg21350575	5.74E-22	6.08E-24	1.16E+01	43.5797718	3.12E-01	19617439	19617562	NC_000021.8
cg06616729	5.76E-22	6.11E-24	1.16E+01	43.575925	3.13E-01	55379248	55379371	NC_000008.10
cg04784672	5.78E-22	6.12E-24	1.16E+01	43.5733794	2.83E-01	42077674	42077797	NC_000014.8
cg02914667	5.83E-22	6.19E-24	1.16E+01	43.5629114	1.62E-01	63894453	63894576	NC_000011.9
cg11328149	5.97E-22	6.34E-24	1.16E+01	43.5386628	7.79E-02	31689459	31689582	NC_000006.11
cg23901212	6.00E-22	6.38E-24	1.16E+01	43.5326154	1.42E-01	228632807	228632930	NC_000002.11
cg06503286	6.09E-22	6.47E-24	1.16E+01	43.5178609	1.64E-01	241626691	241626814	NC_000002.11
cg23220071	6.11E-22	6.50E-24	1.16E+01	43.5133109	1.45E-01	227061009	227061132	NC_000001.10

cg27173965	6.12E-22	6.51E-24	1.16E+01	43.5125537	1.79E-01	68841715	68841838	NC_000001.10
cg10295552	6.21E-22	6.61E-24	1.16E+01	43.4971106	2.12E-01	35464574	35464697	NC_000017.10
cg12127472	6.26E-22	6.67E-24	1.16E+01	43.4876886	2.58E-01	42733724	42733847	NC_000017.10
cg15591616	6.29E-22	6.71E-24	1.16E+01	43.4825073	1.61E-01	8024678	8024801	NC_000001.10
cg24101492	6.29E-22	6.72E-24	1.16E+01	43.4811407	2.74E-01	96343119	96343242	NC_000014.8
cg05839533	6.40E-22	6.84E-24	1.16E+01	43.4631022	1.11E-01	39642907	39643030	NC_000017.10
cg22851691	6.57E-22	7.02E-24	1.16E+01	43.4368763	2.81E-01	46711446	46711569	NC_000017.10
cg20803857	6.57E-22	7.03E-24	1.16E+01	43.4357492	2.87E-01	107502615	107502738	NC_000002.11
cg24721899	6.72E-22	7.19E-24	1.16E+01	43.4128514	2.28E-01	13543985	13544108	NC_000004.11
cg22008075	6.74E-22	7.22E-24	1.16E+01	43.4097055	1.77E-01	118215567	118215690	NC_000001.10
cg17509220	6.77E-22	7.26E-24	1.16E+01	43.4043832	2.78E-01	13617012	13617135	NC_000019.9
cg08812189	6.78E-22	7.27E-24	1.16E+01	43.4026208	2.89E-01	147110367	147110490	NC_000003.11
cg07830644	6.79E-22	7.29E-24	1.16E+01	43.4002276	1.32E-01	172409790	172409913	NC_000005.9
cg12551813	6.81E-22	7.31E-24	1.16E+01	43.3975147	1.03E-01	200781121	200781244	NC_000001.10
cg04908960	6.82E-22	7.32E-24	1.16E+01	43.3952129	2.45E-01	30425679	30425802	NC_000016.9
cg14676407	6.83E-22	7.33E-24	1.16E+01	43.3937875	1.93E-01	125651370	125651493	NC_000010.10
cg01477835	6.86E-22	7.37E-24	1.16E+01	43.3890856	1.87E-01	87989696	87989819	NC_000004.11
cg02347113	6.98E-22	7.50E-24	1.15E+01	43.3712393	1.66E-01	101752032	101752155	NC_000002.11
cg18197377	6.98E-22	7.50E-24	1.15E+01	43.3709446	2.60E-01	115134688	115134811	NC_000012.11
cg14029170	7.06E-22	7.59E-24	1.15E+01	43.359243	1.55E-01	53388842	53388965	NC_000006.11
cg09524455	7.09E-22	7.62E-24	1.15E+01	43.3554197	2.65E-01	2751872	2751995	NC_000005.9
cg07710971	7.25E-22	7.82E-24	1.15E+01	43.3305134	1.62E-01	46920836	46920959	NC_000016.9
cg04788956	7.26E-22	7.82E-24	1.15E+01	43.3299286	1.37E-01	67696138	67696261	NC_000016.9
cg11036833	7.36E-22	7.93E-24	1.15E+01	43.3159584	2.55E-01	115152494	115152617	NC_000005.9
cg17193062	7.53E-22	8.13E-24	1.15E+01	43.2915816	9.91E-02	32545455	32545578	NC_000003.11

cg01385836	7.67E-22	8.29E-24	1.15E+01	43.2724247	1.41E-01	190644623	190644746	NC_000002.11
cg22501243	7.68E-22	8.30E-24	1.15E+01	43.2705202	8.27E-02	122611269	122611392	NC_000012.11
cg08447992	7.76E-22	8.40E-24	1.15E+01	43.2589728	1.72E-01	93389086	93389209	NC_000010.10
cg10877130	7.76E-22	8.40E-24	1.15E+01	43.2589108	9.15E-02	69285772	69285895	NC_000011.9
cg07453407	7.94E-22	8.60E-24	1.15E+01	43.2359432	2.30E-01	46404031	46404154	NC_000019.9
cg15034345	7.94E-22	8.60E-24	1.15E+01	43.235213	3.36E-01	5836111	5836234	NC_000002.11
cg27287438	8.04E-22	8.72E-24	1.15E+01	43.2218538	1.75E-01	1066396	1066519	NC_000007.13
cg21289124	8.12E-22	8.81E-24	1.15E+01	43.2118158	1.37E-01	26951249	26951372	NC_000022.10
cg02237470	8.12E-22	8.82E-24	1.15E+01	43.211052	2.98E-01	53852443	53852566	NC_000008.10
cg06818851	8.24E-22	8.96E-24	1.15E+01	43.1949332	1.03E-01	907708	907831	NC_000001.10
cg12717584	8.42E-22	9.16E-24	1.15E+01	43.1732859	1.20E-01	23122112	23122235	NC_000001.10
cg06824581	8.51E-22	9.27E-24	1.15E+01	43.1616439	8.55E-02	20515978	20516101	NC_000001.10
cg00457495	8.52E-22	9.27E-24	1.15E+01	43.1608879	1.33E-01	49883384	49883507	NC_000022.10
cg05901579	8.59E-22	9.36E-24	1.15E+01	43.1512186	3.54E-01	88800567	88800690	NC_000015.9
cg24800630	8.65E-22	9.43E-24	1.15E+01	43.1438753	9.99E-02	156747654	156747777	NC_000006.11
cg06507244	8.71E-22	9.49E-24	1.15E+01	43.1376048	1.81E-01	127569494	127569617	NC_000010.10
cg14669274	8.76E-22	9.55E-24	1.15E+01	43.1312229	3.12E-01	143592375	143592498	NC_000008.10
cg03963198	8.80E-22	9.61E-24	1.15E+01	43.1256704	2.60E-01	1882871	1882994	NC_000005.9
cg05222243	8.82E-22	9.63E-24	1.15E+01	43.1232491	1.42E-01	71672822	71672945	NC_000010.10
cg15092343	8.87E-22	9.69E-24	1.15E+01	43.1175801	2.91E-01	4860061	4860184	NC_000004.11
cg25492363	9.09E-22	9.93E-24	1.15E+01	43.0925018	2.18E-01	57319872	57319995	NC_000011.9
cg20340508	9.09E-22	9.93E-24	1.15E+01	43.0924432	3.57E-01	34442377	34442500	NC_000021.8
cg05526341	9.10E-22	9.96E-24	1.15E+01	43.0903378	1.28E-01	66489362	66489485	NC_000003.11
cg16738453	9.11E-22	9.97E-24	1.15E+01	43.0888985	2.13E-01	57029014	57029137	NC_000001.10
cg17608570	9.13E-22	1.00E-23	1.15E+01	43.0864243	1.81E-01	130228545	130228668	NC_000010.10

cg24430140	9.18E-22	1.01E-23	1.15E+01	43.08092	2.56E-01	57276642	57276765	NC_000019.9
cg08513123	9.27E-22	1.02E-23	1.15E+01	43.0707601	1.51E-01	30121930	30122053	NC_000006.11
cg02004979	9.28E-22	1.02E-23	1.15E+01	43.0693821	2.49E-01	141043480	141043603	NC_000003.11
cg09013267	9.35E-22	1.03E-23	1.15E+01	43.0605522	8.62E-02	176762943	176763066	NC_000005.9
cg17239236	9.47E-22	1.04E-23	1.15E+01	43.0475757	3.70E-01	71802184	71802307	NC_000007.13
cg05221057	9.47E-22	1.04E-23	1.15E+01	43.0471868	2.80E-01	112711587	112711710	NC_000013.10
cg20793665	9.53E-22	1.05E-23	1.15E+01	43.0410043	1.84E-01	232549224	232549347	NC_000002.11
cg13445796	9.60E-22	1.06E-23	1.15E+01	43.0326865	2.99E-01	20181725	20181848	NC_000011.9
cg02731193	9.62E-22	1.06E-23	1.15E+01	43.0307432	1.11E-01	53407186	53407309	NC_000006.11
cg16510099	9.71E-22	1.07E-23	1.15E+01	43.0199459	1.43E-01	63851177	63851300	NC_000011.9
cg17050632	9.79E-22	1.08E-23	1.15E+01	43.0125031	1.17E-01	141577526	141577649	NC_000008.10
cg21472165	9.79E-22	1.08E-23	1.15E+01	43.0118371	1.37E-01	82749904	82750027	NC_000006.11
cg14289542	9.80E-22	1.08E-23	1.15E+01	43.0105152	2.26E-01	112726662	112726785	NC_000013.10
cg22887845	9.82E-22	1.08E-23	1.15E+01	43.0081462	2.42E-01	41544539	41544662	NC_000006.11
cg17592667	9.82E-22	1.08E-23	1.15E+01	43.0077429	1.91E-01	1848649	1848772	NC_000001.10
cg13512268	9.93E-22	1.10E-23	1.15E+01	42.9945472	2.22E-01	27183973	27184096	NC_000007.13
cg16856049	9.97E-22	1.10E-23	1.15E+01	42.9905447	2.39E-01	115134709	115134832	NC_000012.11
cg02242894	1.00E-21	1.11E-23	1.15E+01	42.9832235	5.78E-02	31494799	31494922	NC_000016.9
cg22312354	1.01E-21	1.12E-23	1.15E+01	42.9746898	1.80E-01	56158714	56158837	NC_000019.9
cg23444251	1.02E-21	1.12E-23	1.15E+01	42.9697527	1.52E-01	123353298	123353421	NC_000010.10
cg08347047	1.02E-21	1.13E-23	1.15E+01	42.9689398	2.39E-01	21680426	21680549	NC_000012.11
cg17555373	1.02E-21	1.13E-23	1.15E+01	42.9687015	1.95E-01	53775108	53775231	NC_000013.10
cg09619146	1.02E-21	1.13E-23	1.15E+01	42.966836	1.98E-01	125651034	125651157	NC_000010.10
cg07557903	1.02E-21	1.13E-23	1.15E+01	42.9665776	1.78E-01	144600645	144600768	NC_000008.10
cg08067346	1.02E-21	1.13E-23	1.15E+01	42.9646634	2.44E-01	25011481	25011604	NC_000016.9

cg07179981	1.02E-21	1.13E-23	1.15E+01	42.9630247	2.02E-01	922051	922174	NC_000007.13
cg08641514	1.02E-21	1.13E-23	1.15E+01	42.9620652	2.36E-01	25987606	25987729	NC_000007.13
cg08448701	1.03E-21	1.14E-23	1.15E+01	42.9576567	2.69E-01	21686282	21686405	NC_000020.10
cg01350077	1.04E-21	1.16E-23	1.15E+01	42.9419983	2.95E-01	41606317	41606440	NC_000006.11
cg26319015	1.04E-21	1.16E-23	1.15E+01	42.941631	1.43E-01	5647145	5647268	NC_000007.13
cg06373870	1.04E-21	1.16E-23	1.15E+01	42.94007	1.96E-01	81117853	81117976	NC_000004.11
cg10481072	1.05E-21	1.17E-23	1.15E+01	42.9342179	1.54E-01	92459517	92459640	NC_000007.13
cg13461482	1.08E-21	1.20E-23	1.15E+01	42.9069472	1.54E-01	67809271	67809394	NC_000011.9
cg05661282	1.09E-21	1.21E-23	1.15E+01	42.8999351	3.20E-01	58220370	58220493	NC_000019.9
cg11867552	1.10E-21	1.23E-23	1.15E+01	42.8839364	1.73E-01	50801000	50801123	NC_000007.13
cg10420161	1.11E-21	1.24E-23	1.15E+01	42.8750252	1.49E-01	102899983	102900106	NC_000010.10
cg17525406	1.12E-21	1.24E-23	1.15E+01	42.8684602	2.71E-01	4715520	4715643	NC_000001.10
cg09923953	1.12E-21	1.25E-23	1.15E+01	42.8659028	2.06E-01	51525638	51525761	NC_000019.9
cg09754845	1.12E-21	1.25E-23	1.15E+01	42.862153	2.75E-01	1408818	1408941	NC_000007.13
cg18343437	1.13E-21	1.26E-23	1.15E+01	42.8599472	2.45E-01	142528415	142528538	NC_000008.10
cg04812726	1.13E-21	1.26E-23	1.15E+01	42.8594637	1.64E-01	171875049	171875172	NC_000005.9
cg26775079	1.13E-21	1.26E-23	1.15E+01	42.858678	1.70E-01	56158830	56158953	NC_000019.9
cg16930572	1.13E-21	1.27E-23	1.15E+01	42.8524153	1.49E-01	16761118	16761241	NC_000012.11
cg14043702	1.14E-21	1.27E-23	1.15E+01	42.8488809	1.77E-01	101136251	101136374	NC_000001.10
cg05336395	1.14E-21	1.27E-23	1.15E+01	42.8457629	1.71E-01	53421688	53421811	NC_000013.10
cg03469054	1.15E-21	1.28E-23	1.15E+01	42.8411085	2.56E-01	130387861	130387984	NC_000012.11
cg22682201	1.17E-21	1.30E-23	1.15E+01	42.8219775	2.04E-01	41020847	41020970	NC_000006.11
cg13569987	1.17E-21	1.31E-23	1.15E+01	42.8145815	1.62E-01	26975979	26976102	NC_000017.10
cg04813119	1.19E-21	1.34E-23	1.15E+01	42.7972421	1.72E-01	75181254	75181377	NC_000017.10
cg14503395	1.22E-21	1.37E-23	1.15E+01	42.7765945	2.01E-01	126128745	126128868	NC_000009.11

cg12776966	1.23E-21	1.38E-23	1.15E+01	42.7689851	2.65E-01	30021276	30021399	NC_000019.9
cg21485062	1.23E-21	1.38E-23	1.15E+01	42.7664072	1.27E-01	42949773	42949896	NC_000007.13
cg05869585	1.24E-21	1.39E-23	1.15E+01	42.758379	1.26E-01	8890233	8890356	NC_000016.9
cg06906472	1.25E-21	1.40E-23	1.15E+01	42.752389	2.78E-01	107502801	107502924	NC_000002.11
cg08006727	1.25E-21	1.40E-23	1.15E+01	42.7496377	1.61E-01	116061614	116061737	NC_000009.11
cg20391793	1.27E-21	1.42E-23	1.15E+01	42.7354318	7.85E-02	106135414	106135537	NC_000002.11
cg06707356	1.28E-21	1.44E-23	1.15E+01	42.7268784	1.48E-01	11832612	11832735	NC_000016.9
cg11401159	1.28E-21	1.44E-23	1.15E+01	42.7264163	1.83E-01	6759129	6759252	NC_000005.9
cg27493243	1.28E-21	1.44E-23	1.15E+01	42.7259798	1.24E-01	233366070	233366193	NC_000002.11
cg09975561	1.28E-21	1.44E-23	1.15E+01	42.7214568	9.71E-02	71187554	71187677	NC_000016.9
cg22282131	1.28E-21	1.44E-23	1.15E+01	42.7210282	1.38E-01	127439670	127439793	NC_000007.13
cg15273575	1.29E-21	1.46E-23	1.15E+01	42.7132442	1.71E-01	145090803	145090926	NC_000006.11
cg11307865	1.29E-21	1.46E-23	1.15E+01	42.7114339	8.29E-02	27587175	27587298	NC_000012.11
cg02135728	1.29E-21	1.46E-23	1.15E+01	42.7112757	1.45E-01	97486613	97486736	NC_000003.11
cg17438849	1.30E-21	1.46E-23	1.15E+01	42.7091264	2.93E-01	43152468	43152591	NC_000007.13
cg11793269	1.30E-21	1.47E-23	1.15E+01	42.7052112	2.49E-01	2752545	2752668	NC_000005.9
cg07268058	1.30E-21	1.47E-23	1.15E+01	42.7047886	2.49E-01	76630260	76630383	NC_000015.9
cg21694591	1.31E-21	1.48E-23	1.14E+01	42.6961359	1.62E-01	118165133	118165256	NC_000001.10
cg03881775	1.32E-21	1.49E-23	1.14E+01	42.6877953	1.86E-01	147111135	147111258	NC_000003.11
cg24403845	1.33E-21	1.50E-23	1.14E+01	42.6829137	3.56E-01	108924366	108924489	NC_000010.10
cg14928149	1.33E-21	1.50E-23	1.14E+01	42.6819335	1.64E-01	155485385	155485508	NC_000007.13
cg12374721	1.33E-21	1.51E-23	1.14E+01	42.6781199	3.02E-01	46799640	46799763	NC_000017.10
cg10201616	1.34E-21	1.52E-23	1.14E+01	42.6733245	2.32E-01	11198556	11198679	NC_000019.9
cg07631435	1.37E-21	1.55E-23	1.14E+01	42.6503651	1.99E-01	114043903	114044026	NC_000011.9
cg18926450	1.38E-21	1.56E-23	1.14E+01	42.6416691	2.23E-01	110368234	110368357	NC_000012.11

cg04205744	1.39E-21	1.57E-23	1.14E+01	42.6350611	2.05E-01	86606367	86606490	NC_000016.9
cg17221945	1.40E-21	1.59E-23	1.14E+01	42.6283968	1.67E-01	39953603	39953726	NC_000001.10
cg07081061	1.40E-21	1.59E-23	1.14E+01	42.6276712	1.23E-01	3350901	3351024	NC_000006.11
cg10358533	1.41E-21	1.60E-23	1.14E+01	42.6181938	2.97E-01	34114209	34114332	NC_000019.9
cg24004943	1.41E-21	1.61E-23	1.14E+01	42.6148644	1.64E-01	127569905	127570028	NC_000010.10
cg24937747	1.42E-21	1.62E-23	1.14E+01	42.609749	2.34E-01	1882902	1883025	NC_000005.9
cg25923577	1.42E-21	1.62E-23	1.14E+01	42.6094462	3.83E-01	61276447	61276570	NC_000011.9
cg12989041	1.42E-21	1.62E-23	1.14E+01	42.6050303	1.64E-01	159049761	159049884	NC_000006.11
cg02906874	1.44E-21	1.64E-23	1.14E+01	42.5939475	1.65E-01	125767965	125768088	NC_000010.10
cg01802258	1.45E-21	1.66E-23	1.14E+01	42.5839151	3.26E-01	92790097	92790220	NC_000014.8
cg22609785	1.45E-21	1.66E-23	1.14E+01	42.5836161	1.69E-01	80416672	80416795	NC_000010.10
cg08751950	1.45E-21	1.66E-23	1.14E+01	42.5834139	2.04E-01	2416396	2416519	NC_000007.13
cg19791143	1.47E-21	1.68E-23	1.14E+01	42.5701396	3.95E-02	29778848	29778971	NC_000008.10
cg07316978	1.48E-21	1.69E-23	1.14E+01	42.5644237	1.41E-01	157529107	157529230	NC_000006.11
cg16396488	1.48E-21	1.70E-23	1.14E+01	42.5612137	2.03E-01	120766223	120766346	NC_000012.11
cg22526226	1.51E-21	1.73E-23	1.14E+01	42.5438885	9.95E-02	46169000	46169123	NC_000012.11
cg03368099	1.51E-21	1.73E-23	1.14E+01	42.543564	1.90E-01	27184521	27184644	NC_000007.13
cg27552378	1.55E-21	1.78E-23	1.14E+01	42.5142494	1.93E-01	3702776	3702899	NC_000016.9
cg21664351	1.55E-21	1.78E-23	1.14E+01	42.5121866	2.01E-01	19841423	19841546	NC_000011.9
cg01530101	1.56E-21	1.78E-23	1.14E+01	42.5112508	1.72E-01	2891098	2891221	NC_000011.9
cg03101522	1.56E-21	1.79E-23	1.14E+01	42.505155	1.29E-01	127897503	127897626	NC_000006.11
cg02126424	1.58E-21	1.81E-23	1.14E+01	42.4961931	1.91E-01	67965099	67965222	NC_000016.9
cg26059468	1.58E-21	1.82E-23	1.14E+01	42.4909154	2.74E-01	55370579	55370702	NC_000008.10
cg21393713	1.60E-21	1.84E-23	1.14E+01	42.4811287	3.42E-01	69064801	69064924	NC_000007.13
cg06365177	1.61E-21	1.86E-23	1.14E+01	42.470572	1.57E-01	30798589	30798712	NC_000020.10

cg03532926	1.62E-21	1.86E-23	1.14E+01	42.4700535	2.40E-01	153584839	153584962	NC_000007.13
cg05011468	1.63E-21	1.87E-23	1.14E+01	42.4632135	1.22E-01	96997582	96997705	NC_000002.11
cg01204060	1.65E-21	1.90E-23	1.14E+01	42.4495815	1.25E-01	4227342	4227465	NC_000020.10
cg14378259	1.65E-21	1.90E-23	1.14E+01	42.4494065	6.71E-02	37765272	37765395	NC_000022.10
cg14215786	1.66E-21	1.92E-23	1.14E+01	42.4378754	1.48E-01	100857629	100857752	NC_000014.8
cg17012160	1.68E-21	1.94E-23	1.14E+01	42.4263937	2.12E-01	240255691	240255814	NC_000001.10
cg04322298	1.69E-21	1.95E-23	1.14E+01	42.4202817	1.30E-01	190635899	190636022	NC_000002.11
cg04849541	1.70E-21	1.96E-23	1.14E+01	42.4170359	3.24E-01	1931620	1931743	NC_000005.9
cg16244648	1.72E-21	1.99E-23	1.14E+01	42.4031962	9.65E-02	141555043	141555166	NC_000005.9
cg14184817	1.72E-21	1.99E-23	1.14E+01	42.4028885	1.94E-01	45737483	45737606	NC_000019.9
cg10521808	1.72E-21	1.99E-23	1.14E+01	42.4018757	5.98E-02	7313750	7313873	NC_000001.10
cg04332526	1.72E-21	2.00E-23	1.14E+01	42.3996247	2.00E-01	3707039	3707162	NC_000016.9
cg09067029	1.72E-21	2.00E-23	1.14E+01	42.3992345	1.53E-01	186954259	186954382	NC_000001.10
cg12307484	1.74E-21	2.01E-23	1.14E+01	42.3917253	2.41E-01	19158721	19158844	NC_000007.13
cg13987572	1.74E-21	2.02E-23	1.14E+01	42.3865267	1.36E-01	140477134	140477257	NC_000009.11
cg04908382	1.75E-21	2.03E-23	1.14E+01	42.3843905	1.03E-01	105415856	105415979	NC_000014.8
cg19412007	1.75E-21	2.03E-23	1.14E+01	42.383246	9.40E-02	32825056	32825179	NC_000006.11
cg07206256	1.75E-21	2.03E-23	1.14E+01	42.3817086	8.81E-02	194573323	194573446	NC_000003.11
cg09971314	1.75E-21	2.04E-23	1.14E+01	42.379555	2.83E-01	28415023	28415146	NC_000006.11
cg06302806	1.75E-21	2.04E-23	1.14E+01	42.3794845	1.74E-01	43939970	43940093	NC_000020.10
cg17133446	1.77E-21	2.06E-23	1.14E+01	42.368263	1.87E-01	26961427	26961550	NC_000022.10
cg19505194	1.79E-21	2.08E-23	1.14E+01	42.3597255	1.64E-01	15801943	15802066	NC_000001.10
cg27088639	1.85E-21	2.15E-23	1.14E+01	42.3253514	1.37E-01	64682573	64682696	NC_000014.8
cg13435326	1.85E-21	2.15E-23	1.14E+01	42.3246869	1.82E-01	178907655	178907778	NC_000003.11
cg13434308	1.85E-21	2.15E-23	1.14E+01	42.3236924	2.27E-01	29936486	29936609	NC_000012.11



cg05064936	1.85E-21	2.16E-23	1.14E+01	42.3232031	1.60E-01	45764416	45764539	NC_000017.10
cg03184368	1.86E-21	2.17E-23	1.14E+01	42.3162103	1.89E-01	40555722	40555845	NC_000004.11
cg05364072	1.86E-21	2.17E-23	1.14E+01	42.3160165	1.68E-01	36643981	36644104	NC_000001.10
cg10126205	1.87E-21	2.17E-23	1.14E+01	42.3147136	2.89E-01	19158664	19158787	NC_000007.13
cg26206456	1.88E-21	2.19E-23	1.14E+01	42.3062732	2.09E-01	992484	992607	NC_000008.10
cg06868026	1.89E-21	2.21E-23	1.14E+01	42.3005043	2.04E-01	46787813	46787936	NC_000021.8
cg03700449	1.89E-21	2.21E-23	1.14E+01	42.2995476	2.77E-01	103352326	103352449	NC_000012.11
cg11416620	1.90E-21	2.22E-23	1.14E+01	42.2953499	1.34E-01	129072147	129072270	NC_000002.11
cg11081251	1.91E-21	2.23E-23	1.14E+01	42.2892636	1.32E-01	65375977	65376100	NC_000015.9
cg14958141	1.91E-21	2.23E-23	1.14E+01	42.2884551	1.73E-01	38394114	38394237	NC_000019.9
cg21174375	1.92E-21	2.25E-23	1.14E+01	42.282	2.23E-01	64681225	64681348	NC_000014.8
cg17352462	1.93E-21	2.25E-23	1.14E+01	42.2799441	8.16E-02	134364082	134364205	NC_000010.10
cg24046689	1.94E-21	2.27E-23	1.14E+01	42.2716676	1.77E-01	922235	922358	NC_000007.13
cg01429449	1.94E-21	2.28E-23	1.14E+01	42.2695441	1.96E-01	176936397	176936520	NC_000002.11
cg07524000	1.95E-21	2.28E-23	1.14E+01	42.2673194	1.67E-01	816020	816143	NC_000016.9
cg19142026	1.97E-21	2.30E-23	1.14E+01	42.2572171	2.90E-01	27170394	27170517	NC_000007.13
cg03256198	1.97E-21	2.30E-23	1.14E+01	42.2569265	2.32E-01	230283231	230283354	NC_000001.10
cg13839457	1.97E-21	2.31E-23	1.14E+01	42.2565397	3.47E-01	115630889	115631012	NC_000011.9
cg11294513	1.97E-21	2.31E-23	1.14E+01	42.2539387	2.97E-01	58220295	58220418	NC_000019.9
cg22867629	2.01E-21	2.36E-23	1.14E+01	42.2319247	1.31E-01	96699068	96699191	NC_000014.8
cg07120346	2.02E-21	2.37E-23	1.14E+01	42.2310099	2.68E-01	58141890	58142013	NC_000006.11
cg04990472	2.02E-21	2.37E-23	1.14E+01	42.2270607	1.62E-01	69950043	69950166	NC_000014.8
cg17130486	2.04E-21	2.39E-23	1.14E+01	42.2197867	1.60E-01	52437360	52437483	NC_000012.11
cg21880222	2.04E-21	2.39E-23	1.14E+01	42.2190398	1.66E-01	103327770	103327893	NC_000002.11
cg26923490	2.06E-21	2.42E-23	1.14E+01	42.2093362	2.45E-01	49575475	49575598	NC_000019.9

cg24013351	2.07E-21	2.43E-23	1.14E+01	42.2023173	1.02E-01	37670820	37670943	NC_000014.8
cg24319902	2.08E-21	2.45E-23	1.14E+01	42.1948849	2.21E-01	41166990	41167113	NC_000008.10
cg04140596	2.12E-21	2.49E-23	1.14E+01	42.179562	1.74E-01	228404239	228404362	NC_000001.10
cg04819959	2.12E-21	2.49E-23	1.14E+01	42.1787161	1.54E-01	130135065	130135188	NC_000007.13
cg03654783	2.14E-21	2.52E-23	1.14E+01	42.1683748	1.41E-01	156634034	156634157	NC_000001.10
cg09917805	2.14E-21	2.52E-23	1.14E+01	42.1679028	1.48E-01	4763596	4763719	NC_000004.11
cg02133510	2.14E-21	2.53E-23	1.14E+01	42.1660567	1.05E-01	32044959	32045082	NC_000006.11
cg05863502	2.17E-21	2.56E-23	1.14E+01	42.1540821	2.29E-01	140771990	140772113	NC_000009.11
cg19131667	2.17E-21	2.56E-23	1.14E+01	42.1536032	1.98E-01	17236940	17237063	NC_000003.11
cg12015737	2.17E-21	2.56E-23	1.14E+01	42.1520356	2.45E-01	27184030	27184153	NC_000007.13
cg06675190	2.17E-21	2.57E-23	1.14E+01	42.1487244	2.29E-01	89346205	89346328	NC_000015.9
cg00862117	2.20E-21	2.60E-23	1.14E+01	42.136074	1.89E-01	176111	176234	NC_000012.11
cg10169070	2.23E-21	2.64E-23	1.14E+01	42.120718	1.36E-01	114098428	114098551	NC_000006.11
cg20148575	2.24E-21	2.65E-23	1.14E+01	42.1190629	3.79E-01	132182671	132182794	NC_000002.11
cg13962186	2.27E-21	2.69E-23	1.14E+01	42.1028923	2.41E-01	79633650	79633773	NC_000009.11
cg01417692	2.28E-21	2.70E-23	1.14E+01	42.0993724	2.22E-01	47078581	47078704	NC_000001.10
cg23024254	2.29E-21	2.71E-23	1.14E+01	42.0945988	7.00E-02	33433579	33433702	NC_000001.10
cg14416248	2.29E-21	2.72E-23	1.14E+01	42.0934287	1.62E-01	3170095	3170218	NC_000004.11
cg13786429	2.30E-21	2.73E-23	1.14E+01	42.0889079	1.07E-01	35210094	35210217	NC_000021.8
cg14415914	2.31E-21	2.73E-23	1.14E+01	42.0876413	1.28E-01	36537273	36537396	NC_000022.10
cg04629133	2.32E-21	2.75E-23	1.14E+01	42.0829589	1.71E-01	30791409	30791532	NC_000020.10
cg14024461	2.37E-21	2.81E-23	1.14E+01	42.0605548	2.25E-01	228646047	228646170	NC_000001.10
cg18002447	2.38E-21	2.83E-23	1.14E+01	42.0535378	1.84E-01	59482956	59483079	NC_000017.10
cg08662665	2.41E-21	2.87E-23	1.14E+01	42.0405788	1.78E-01	30865823	30865946	NC_000019.9
cg16405026	2.41E-21	2.87E-23	1.14E+01	42.0402804	3.29E-01	145281942	145282065	NC_000002.11

cg24364723	2.42E-21	2.87E-23	1.14E+01	42.0381554	1.04E-01	22838414	22838537	NC_000001.10
cg06763054	2.43E-21	2.88E-23	1.14E+01	42.0342796	1.71E-01	17270834	17270957	NC_000008.10
cg12763813	2.43E-21	2.90E-23	1.14E+01	42.0303253	8.91E-02	123278445	123278568	NC_000010.10
cg06925438	2.47E-21	2.94E-23	1.14E+01	42.0156654	1.48E-01	480121	480244	NC_000005.9
cg04819499	2.47E-21	2.94E-23	1.13E+01	42.0136653	2.49E-01	43045014	43045137	NC_000017.10
cg09268963	2.47E-21	2.95E-23	1.13E+01	42.0134105	2.19E-01	64692302	64692425	NC_000014.8
cg18944047	2.48E-21	2.95E-23	1.13E+01	42.0107621	2.57E-01	72322143	72322266	NC_000017.10
cg22108469	2.51E-21	2.99E-23	1.13E+01	41.9985167	2.88E-01	174158984	174159107	NC_000005.9
cg11199046	2.52E-21	3.00E-23	1.13E+01	41.9943094	1.90E-01	115136308	115136431	NC_000012.11
cg11888359	2.53E-21	3.02E-23	1.13E+01	41.9901406	1.78E-01	4936127	4936250	NC_000019.9
cg27635470	2.55E-21	3.04E-23	1.13E+01	41.98105	1.97E-01	75241125	75241248	NC_000016.9
cg18596689	2.60E-21	3.10E-23	1.13E+01	41.9619714	1.80E-01	35766051	35766174	NC_000006.11
cg17038626	2.62E-21	3.14E-23	1.13E+01	41.9508917	2.52E-01	2435931	2436054	NC_000012.11
cg09762115	2.63E-21	3.14E-23	1.13E+01	41.9492071	1.86E-01	86095308	86095431	NC_000002.11
cg07787771	2.63E-21	3.15E-23	1.13E+01	41.9481531	1.81E-01	104341826	104341949	NC_000010.10
cg17087479	2.64E-21	3.16E-23	1.13E+01	41.9441501	3.17E-01	214156255	214156378	NC_000001.10
cg02973693	2.66E-21	3.19E-23	1.13E+01	41.9344141	1.79E-01	73085092	73085215	NC_000016.9
cg18579862	2.67E-21	3.20E-23	1.13E+01	41.932355	3.46E-01	58095595	58095718	NC_000019.9
cg23855818	2.67E-21	3.20E-23	1.13E+01	41.9318151	1.89E-01	105323396	105323519	NC_000012.11
cg13767223	2.67E-21	3.20E-23	1.13E+01	41.9316713	6.12E-02	96009863	96009986	NC_000009.11
cg19456540	2.68E-21	3.22E-23	1.13E+01	41.9261295	2.89E-01	60976285	60976408	NC_000014.8
cg23895963	2.72E-21	3.27E-23	1.13E+01	41.9105618	1.54E-01	117471115	117471238	NC_000012.11
cg14062050	2.73E-21	3.28E-23	1.13E+01	41.906441	2.99E-01	1886994	1887117	NC_000005.9
cg08249988	2.75E-21	3.30E-23	1.13E+01	41.8992508	3.13E-01	19322818	19322941	NC_000019.9
cg11611505	2.75E-21	3.31E-23	1.13E+01	41.8979795	9.86E-02	3373478	3373601	NC_000010.10

cg14156751	2.77E-21	3.32E-23	1.13E+01	41.8931019	1.99E-01	50976571	50976694	NC_000010.10
cg08720517	2.77E-21	3.34E-23	1.13E+01	41.8899004	2.60E-01	138729919	138730042	NC_000005.9
cg13100190	2.83E-21	3.41E-23	1.13E+01	41.8671246	2.10E-01	114053961	114054084	NC_000006.11
cg25069596	2.84E-21	3.42E-23	1.13E+01	41.8656024	1.35E-01	916509	916632	NC_000017.10
cg11659652	2.86E-21	3.45E-23	1.13E+01	41.8577481	1.61E-01	129797840	129797963	NC_000010.10
cg06419180	2.90E-21	3.49E-23	1.13E+01	41.8434952	1.37E-01	19262414	19262537	NC_000008.10
cg20575761	2.92E-21	3.52E-23	1.13E+01	41.8368809	2.04E-01	57275166	57275289	NC_000014.8
cg01068023	2.93E-21	3.54E-23	1.13E+01	41.8299028	1.37E-01	761370	761493	NC_000001.10
cg18734095	2.96E-21	3.57E-23	1.13E+01	41.821204	1.59E-01	50062005	50062128	NC_000019.9
cg23651826	3.02E-21	3.65E-23	1.13E+01	41.799502	2.45E-01	115630531	115630654	NC_000011.9
cg16002355	3.03E-21	3.67E-23	1.13E+01	41.7958532	3.20E-01	111544387	111544510	NC_000004.11
cg12799677	3.07E-21	3.72E-23	1.13E+01	41.7810726	1.14E-01	165631596	165631719	NC_000001.10
cg01990572	3.10E-21	3.76E-23	1.13E+01	41.7719915	1.05E-01	8555659	8555782	NC_000010.10
cg17504999	3.14E-21	3.80E-23	1.13E+01	41.7594203	2.39E-01	134072723	134072846	NC_000004.11
cg05260714	3.23E-21	3.93E-23	1.13E+01	41.7282472	1.62E-01	25344500	25344623	NC_000022.10
cg16792230	3.25E-21	3.95E-23	1.13E+01	41.7225403	1.69E-01	27629665	27629788	NC_000016.9
cg00903932	3.26E-21	3.97E-23	1.13E+01	41.7175427	1.74E-01	101258727	101258850	NC_000001.10
cg27480241	3.31E-21	4.03E-23	1.13E+01	41.7027936	1.63E-01	179310165	179310288	NC_000002.11
cg15534461	3.31E-21	4.03E-23	1.13E+01	41.7010829	2.11E-01	118575033	118575156	NC_000012.11
cg16700920	3.31E-21	4.04E-23	1.13E+01	41.7008067	1.73E-01	133810060	133810183	NC_000010.10
cg13824665	3.33E-21	4.05E-23	1.13E+01	41.6967318	1.05E-01	76183993	76184116	NC_000014.8
cg27288226	3.35E-21	4.08E-23	1.13E+01	41.68905	2.43E-01	57618436	57618559	NC_000019.9
cg13227624	3.36E-21	4.09E-23	1.13E+01	41.6869362	8.26E-02	104352735	104352858	NC_000010.10
cg26681523	3.36E-21	4.09E-23	1.13E+01	41.6863923	1.59E-01	22854408	22854531	NC_000001.10
cg26337821	3.39E-21	4.14E-23	1.13E+01	41.6754869	1.55E-01	123364675	123364798	NC_000007.13

cg00157668	3.40E-21	4.15E-23	1.13E+01	41.6726737	2.09E-01	109674526	109674649	NC_000010.10
cg18066946	3.40E-21	4.16E-23	1.13E+01	41.6703633	1.19E-01	126803477	126803600	NC_000010.10
cg26034658	3.41E-21	4.17E-23	1.13E+01	41.6688111	1.92E-01	65836743	65836866	NC_000011.9
cg26120073	3.42E-21	4.18E-23	1.13E+01	41.6658719	1.74E-01	91841955	91842078	NC_000014.8
cg11293312	3.44E-21	4.21E-23	1.13E+01	41.6585957	1.61E-01	49252020	49252143	NC_000019.9
cg03653317	3.50E-21	4.29E-23	1.13E+01	41.6399976	1.98E-01	118165598	118165721	NC_000001.10
cg19238875	3.50E-21	4.29E-23	1.13E+01	41.6392044	1.37E-01	61612218	61612341	NC_000003.11
cg09624466	3.51E-21	4.30E-23	1.13E+01	41.63767	2.88E-01	57278710	57278833	NC_000014.8
cg10300684	3.51E-21	4.30E-23	1.13E+01	41.6376353	2.99E-01	29236323	29236446	NC_000014.8
cg16181903	3.51E-21	4.30E-23	1.13E+01	41.6368591	1.22E-01	134828123	134828246	NC_000010.10
cg02468316	3.52E-21	4.32E-23	1.13E+01	41.6326058	1.35E-01	50801032	50801155	NC_000007.13
cg25019707	3.53E-21	4.33E-23	1.13E+01	41.6306914	1.02E-01	69994152	69994275	NC_000011.9
cg20002958	3.55E-21	4.36E-23	1.13E+01	41.6245352	1.82E-01	221282600	221282723	NC_000002.11
cg26295057	3.56E-21	4.37E-23	1.13E+01	41.621367	3.55E-01	37839829	37839952	NC_000005.9
cg11464895	3.58E-21	4.40E-23	1.13E+01	41.6150933	2.16E-01	135044789	135044912	NC_000010.10
cg02149136	3.59E-21	4.41E-23	1.13E+01	41.6121892	1.17E-01	85995039	85995162	NC_000011.9
cg21410980	3.61E-21	4.44E-23	1.13E+01	41.6066306	1.38E-01	40121831	40121954	NC_000004.11
cg26003814	3.61E-21	4.45E-23	1.13E+01	41.604597	8.21E-02	16444599	16444722	NC_000001.10
cg12845177	3.62E-21	4.46E-23	1.13E+01	41.6020789	1.89E-01	8650523	8650646	NC_000019.9
cg25635000	3.64E-21	4.48E-23	1.13E+01	41.5969655	1.75E-01	26952678	26952801	NC_000022.10
cg00474798	3.65E-21	4.50E-23	1.13E+01	41.592479	1.64E-01	84684489	84684612	NC_000002.11
cg10402471	3.67E-21	4.52E-23	1.13E+01	41.5885865	7.72E-02	200377740	200377863	NC_000001.10
cg07712904	3.69E-21	4.55E-23	1.13E+01	41.580995	1.51E-01	40389891	40390014	NC_000015.9
cg08210637	3.70E-21	4.56E-23	1.13E+01	41.578381	2.31E-01	58160654	58160777	NC_000016.9
cg10656845	3.71E-21	4.57E-23	1.13E+01	41.577172	1.80E-01	44159780	44159903	NC_000007.13

cg04785284	3.72E-21	4.60E-23	1.13E+01	41.5715012	6.70E-02	86702451	86702574	NC_000016.9
cg19864468	3.73E-21	4.60E-23	1.13E+01	41.570061	1.98E-01	113346566	113346689	NC_000002.11
cg18270675	3.74E-21	4.62E-23	1.13E+01	41.5658371	1.55E-01	85422118	85422241	NC_000011.9
cg08516516	3.75E-21	4.63E-23	1.13E+01	41.564139	2.81E-01	115152492	115152615	NC_000005.9
cg05941108	3.77E-21	4.66E-23	1.13E+01	41.5573782	2.86E-01	1884212	1884335	NC_000005.9
cg13245817	3.79E-21	4.69E-23	1.13E+01	41.5524814	6.96E-02	47481224	47481347	NC_000007.13
cg05339076	3.82E-21	4.73E-23	1.13E+01	41.5441101	1.80E-01	47513051	47513174	NC_000022.10
cg26053840	3.85E-21	4.76E-23	1.13E+01	41.5358625	2.08E-01	38644662	38644785	NC_000006.11
cg22966391	3.90E-21	4.82E-23	1.13E+01	41.5233436	1.66E-01	2416675	2416798	NC_000007.13
cg21179088	3.92E-21	4.86E-23	1.13E+01	41.5156004	2.81E-01	54612333	54612456	NC_000007.13
cg14570652	3.96E-21	4.90E-23	1.13E+01	41.5072687	2.00E-01	139393736	139393859	NC_000009.11
cg04454951	4.02E-21	4.99E-23	1.13E+01	41.49089	3.26E-01	49813031	49813154	NC_000007.13
cg20748132	4.04E-21	5.01E-23	1.13E+01	41.4856238	2.16E-01	125217707	125217830	NC_000012.11
cg13398440	4.04E-21	5.02E-23	1.13E+01	41.4838044	1.95E-01	178688308	178688431	NC_000005.9
cg25664813	4.11E-21	5.11E-23	1.13E+01	41.4665126	2.45E-01	1123123	1123246	NC_000005.9
cg25966682	4.15E-21	5.17E-23	1.13E+01	41.455437	1.02E-01	57577597	57577720	NC_000012.11
cg14091497	4.16E-21	5.17E-23	1.13E+01	41.4540124	8.83E-02	139430748	139430871	NC_000009.11
cg02198895	4.17E-21	5.20E-23	1.13E+01	41.4499168	1.31E-01	110759424	110759547	NC_000013.10
cg10179363	4.23E-21	5.26E-23	1.13E+01	41.4367276	1.47E-01	90352112	90352235	NC_000015.9
cg13912599	4.26E-21	5.30E-23	1.13E+01	41.429876	1.02E-01	150959380	150959503	NC_000001.10
cg13175830	4.29E-21	5.34E-23	1.13E+01	41.4223592	1.71E-01	123353956	123354079	NC_000010.10
cg15944367	4.30E-21	5.36E-23	1.13E+01	41.4188167	1.65E-01	36897829	36897952	NC_000017.10
cg09487611	4.31E-21	5.37E-23	1.13E+01	41.4164496	2.50E-01	5019311	5019434	NC_000012.11
cg22286978	4.33E-21	5.40E-23	1.13E+01	41.410717	3.33E-01	58858806	58858929	NC_000019.9
cg16939364	4.38E-21	5.47E-23	1.13E+01	41.3983037	2.19E-01	56015750	56015873	NC_000008.10

cg17403609	4.40E-21	5.49E-23	1.13E+01	41.3944032	2.20E-01	180075862	180075985	NC_000005.9
cg21158528	4.48E-21	5.60E-23	1.13E+01	41.3748955	2.15E-01	211501629	211501752	NC_000001.10
cg09053680	4.50E-21	5.62E-23	1.13E+01	41.371633	3.55E-01	135044114	135044237	NC_000010.10
cg16107331	4.50E-21	5.62E-23	1.13E+01	41.3712164	7.82E-02	73623052	73623175	NC_000015.9
cg19570244	4.51E-21	5.64E-23	1.13E+01	41.3675659	3.23E-01	32457158	32457281	NC_000011.9
cg06659380	4.55E-21	5.69E-23	1.13E+01	41.3590437	1.61E-01	52162604	52162727	NC_000013.10
cg19625388	4.55E-21	5.70E-23	1.13E+01	41.3586773	1.11E-01	113977418	113977541	NC_000013.10
cg23332582	4.57E-21	5.73E-23	1.13E+01	41.3533569	3.16E-01	140770308	140770431	NC_000003.11
cg13544006	4.63E-21	5.80E-23	1.13E+01	41.3408658	3.16E-01	34189411	34189534	NC_000020.10
cg26594445	4.63E-21	5.80E-23	1.13E+01	41.3406925	1.14E-01	64888605	64888728	NC_000011.9
cg11308643	4.71E-21	5.91E-23	1.12E+01	41.3222069	2.22E-01	105480788	105480911	NC_000011.9
cg08508724	4.73E-21	5.94E-23	1.12E+01	41.3168541	7.45E-02	30122045	30122168	NC_000006.11
cg04051396	4.76E-21	5.99E-23	1.12E+01	41.308643	2.09E-01	93130178	93130301	NC_000012.11
cg02030452	4.83E-21	6.08E-23	1.12E+01	41.294082	1.68E-01	65589615	65589738	NC_000011.9
cg17181598	4.84E-21	6.09E-23	1.12E+01	41.2924448	2.15E-01	118165662	118165785	NC_000001.10
cg10812717	4.86E-21	6.11E-23	1.12E+01	41.2883055	9.49E-02	158183846	158183969	NC_000002.11
cg20398486	4.87E-21	6.13E-23	1.12E+01	41.2858271	2.64E-01	176944442	176944565	NC_000002.11
cg18149207	4.87E-21	6.13E-23	1.12E+01	41.2855318	1.91E-01	151805634	151805757	NC_000001.10
cg22526990	4.87E-21	6.14E-23	1.12E+01	41.2844659	1.90E-01	33788511	33788634	NC_000019.9
cg14694622	4.90E-21	6.18E-23	1.12E+01	41.278255	1.40E-01	171836486	171836609	NC_000003.11
cg00385596	4.90E-21	6.18E-23	1.12E+01	41.278162	1.36E-01	76088726	76088849	NC_000011.9
cg05185038	4.91E-21	6.20E-23	1.12E+01	41.2750295	1.56E-01	105945685	105945808	NC_000014.8
cg09395612	4.93E-21	6.21E-23	1.12E+01	41.2723125	1.98E-01	86018936	86019059	NC_000016.9
cg00539976	4.94E-21	6.23E-23	1.12E+01	41.2691225	1.80E-01	1878508	1878631	NC_000005.9
cg04217218	4.97E-21	6.27E-23	1.12E+01	41.2630286	1.57E-01	14693888	14694011	NC_000009.11

cg21426003	4.97E-21	6.27E-23	1.12E+01	41.2626418	2.79E-01	237076811	237076934	NC_000002.11
cg18036653	4.98E-21	6.29E-23	1.12E+01	41.2597421	1.33E-01	39484787	39484910	NC_000017.10
cg25906620	5.08E-21	6.43E-23	1.12E+01	41.2387782	1.81E-01	11985726	11985849	NC_000018.9
cg14101442	5.11E-21	6.46E-23	1.12E+01	41.2329728	9.54E-02	130742236	130742359	NC_000011.9
cg16012489	5.12E-21	6.49E-23	1.12E+01	41.229192	1.33E-01	11489852	11489975	NC_000008.10
cg21151122	5.13E-21	6.50E-23	1.12E+01	41.2267445	1.06E-01	241568880	241569003	NC_000002.11
cg09427374	5.19E-21	6.58E-23	1.12E+01	41.2159331	1.91E-01	86095320	86095443	NC_000002.11
cg10659805	5.27E-21	6.69E-23	1.12E+01	41.1983531	2.65E-01	96631680	96631803	NC_000007.13
cg03276408	5.27E-21	6.69E-23	1.12E+01	41.1982942	2.77E-01	112712475	112712598	NC_000013.10
cg04682580	5.31E-21	6.74E-23	1.12E+01	41.1919455	1.30E-01	53016396	53016519	NC_000001.10
cg20129213	5.35E-21	6.79E-23	1.12E+01	41.184113	3.66E-01	104512317	104512440	NC_000008.10
cg14035202	5.36E-21	6.82E-23	1.12E+01	41.1801354	1.10E-01	136338301	136338424	NC_000009.11
cg15985191	5.36E-21	6.82E-23	1.12E+01	41.1800866	2.29E-01	18429357	18429480	NC_000010.10
cg16790374	5.43E-21	6.91E-23	1.12E+01	41.166168	1.88E-01	57212793	57212916	NC_000008.10
cg01454947	5.44E-21	6.93E-23	1.12E+01	41.1644389	2.18E-01	99223011	99223134	NC_000002.11
cg01023808	5.54E-21	7.06E-23	1.12E+01	41.1452337	1.84E-01	97857492	97857615	NC_000007.13
cg26802026	5.55E-21	7.07E-23	1.12E+01	41.1440381	2.47E-01	127872329	127872452	NC_000005.9
cg07806674	5.56E-21	7.08E-23	1.12E+01	41.1421605	1.73E-01	27994978	27995101	NC_000001.10
cg23536473	5.57E-21	7.10E-23	1.12E+01	41.140135	2.83E-01	19184555	19184678	NC_000007.13
cg07728793	5.59E-21	7.13E-23	1.12E+01	41.1353365	5.02E-02	238771724	238771847	NC_000002.11
cg05098381	5.59E-21	7.14E-23	1.12E+01	41.134881	1.81E-01	71301786	71301909	NC_000003.11
cg07213616	5.59E-21	7.14E-23	1.12E+01	41.1343857	1.06E-01	60725347	60725470	NC_000005.9
cg24372485	5.62E-21	7.18E-23	1.12E+01	41.1292538	1.61E-01	2078331	2078454	NC_000019.9
cg15446073	5.63E-21	7.19E-23	1.12E+01	41.1273418	9.11E-02	62339136	62339259	NC_000011.9
cg08918120	5.63E-21	7.20E-23	1.12E+01	41.12656	6.57E-02	88294021	88294144	NC_000016.9



cg07850418	5.67E-21	7.24E-23	1.12E+01	41.1201974	2.53E-01	147110378	147110501	NC_000003.11
cg05413282	5.71E-21	7.30E-23	1.12E+01	41.1118353	2.41E-01	33796088	33796211	NC_000009.11
cg26452868	5.81E-21	7.44E-23	1.12E+01	41.0933436	3.12E-01	57387715	57387838	NC_000010.10
cg18172877	5.82E-21	7.45E-23	1.12E+01	41.0915421	2.33E-01	1878672	1878795	NC_000005.9
cg07177011	5.83E-21	7.47E-23	1.12E+01	41.0889591	1.89E-01	1849305	1849428	NC_000001.10
cg02657828	5.85E-21	7.50E-23	1.12E+01	41.0848159	1.55E-01	86703935	86704058	NC_000016.9
cg07103493	5.86E-21	7.51E-23	1.12E+01	41.084124	2.15E-01	128301232	128301355	NC_000005.9
cg12505170	5.89E-21	7.56E-23	1.12E+01	41.0781543	2.88E-01	72595685	72595808	NC_000005.9
cg04336624	5.90E-21	7.57E-23	1.12E+01	41.0755774	8.83E-02	29167281	29167404	NC_000016.9
cg00733324	5.91E-21	7.58E-23	1.12E+01	41.0748239	1.69E-01	67845244	67845367	NC_000014.8
cg22568703	5.91E-21	7.58E-23	1.12E+01	41.0746229	9.65E-02	129733117	129733240	NC_000010.10
cg04704053	5.91E-21	7.59E-23	1.12E+01	41.0737374	2.58E-01	15090275	15090398	NC_000019.9
cg07147449	5.92E-21	7.60E-23	1.12E+01	41.0725506	2.96E-01	115136072	115136195	NC_000012.11
cg09492893	5.97E-21	7.67E-23	1.12E+01	41.0635522	8.96E-02	149939853	149939976	NC_000005.9
cg07382920	6.05E-21	7.78E-23	1.12E+01	41.049572	2.15E-01	3567646	3567769	NC_000001.10
cg03659519	6.06E-21	7.79E-23	1.12E+01	41.0473973	2.63E-01	74961966	74962089	NC_000018.9
cg24840099	6.06E-21	7.79E-23	1.12E+01	41.0473254	1.97E-01	4864430	4864553	NC_000004.11
cg05371578	6.06E-21	7.80E-23	1.12E+01	41.046968	1.80E-01	147128157	147128280	NC_000003.11
cg16027761	6.08E-21	7.82E-23	1.12E+01	41.0436377	3.07E-01	53422871	53422994	NC_000013.10
cg24258347	6.10E-21	7.84E-23	1.12E+01	41.0410801	2.33E-01	13983851	13983974	NC_000011.9
cg16752592	6.10E-21	7.85E-23	1.12E+01	41.0399936	2.20E-01	145537709	145537832	NC_000008.10
cg01033419	6.12E-21	7.88E-23	1.12E+01	41.0368212	1.74E-01	56387378	56387501	NC_000006.11
cg00410895	6.14E-21	7.90E-23	1.12E+01	41.0334405	1.87E-01	43283884	43284007	NC_000001.10
cg21104155	6.21E-21	8.01E-23	1.12E+01	41.0207491	1.55E-01	68040530	68040653	NC_000014.8
cg08172947	6.23E-21	8.04E-23	1.12E+01	41.0168542	2.16E-01	41868550	41868673	NC_000022.10

cg06712089	6.24E-21	8.05E-23	1.12E+01	41.015728	5.03E-02	139128651	139128774	NC_000009.11
cg20449685	6.27E-21	8.09E-23	1.12E+01	41.0103267	2.34E-01	58545728	58545851	NC_000019.9
cg24695614	6.29E-21	8.12E-23	1.12E+01	41.0065906	5.43E-02	3143611	3143734	NC_000010.10
cg10739556	6.33E-21	8.17E-23	1.12E+01	40.9999549	2.79E-01	27192056	27192179	NC_000007.13
cg11215976	6.33E-21	8.18E-23	1.12E+01	40.9995273	2.54E-01	236849942	236850065	NC_000001.10
cg26517714	6.34E-21	8.18E-23	1.12E+01	40.998778	2.42E-01	170736245	170736368	NC_000005.9
cg01642521	6.35E-21	8.20E-23	1.12E+01	40.9963387	3.22E-01	20618250	20618373	NC_000011.9
cg16597537	6.42E-21	8.30E-23	1.12E+01	40.985029	9.07E-02	20252617	20252740	NC_000022.10
cg04273148	6.47E-21	8.38E-23	1.12E+01	40.9758603	2.22E-01	57808038	57808161	NC_000016.9
cg00748072	6.49E-21	8.40E-23	1.12E+01	40.9733722	1.70E-01	174862824	174862947	NC_000002.11
cg22674789	6.51E-21	8.43E-23	1.12E+01	40.9693481	1.66E-01	81740565	81740688	NC_000010.10
cg24368408	6.56E-21	8.50E-23	1.12E+01	40.9609782	1.53E-01	27361313	27361436	NC_000002.11
cg14958635	6.68E-21	8.66E-23	1.12E+01	40.9425734	2.22E-01	134870977	134871100	NC_000005.9
cg26454350	6.68E-21	8.66E-23	1.12E+01	40.942487	9.27E-02	27493204	27493327	NC_000017.10
cg26876703	6.72E-21	8.71E-23	1.12E+01	40.9365389	1.99E-01	48540366	48540489	NC_000017.10
cg02285003	6.72E-21	8.72E-23	1.12E+01	40.9362785	1.09E-01	32296777	32296900	NC_000005.9
cg12377139	6.72E-21	8.72E-23	1.12E+01	40.9359922	1.82E-01	22634218	22634341	NC_000010.10
cg03345668	6.76E-21	8.77E-23	1.12E+01	40.9297986	1.52E-01	47081524	47081647	NC_000001.10
cg15409013	6.80E-21	8.83E-23	1.12E+01	40.9237657	2.86E-01	5139855	5139978	NC_000005.9
cg10172887	6.81E-21	8.85E-23	1.12E+01	40.9213991	1.85E-01	170578592	170578715	NC_000006.11
cg26252958	6.81E-21	8.85E-23	1.12E+01	40.921151	1.99E-01	105847870	105847993	NC_000006.11
cg00741333	6.85E-21	8.90E-23	1.12E+01	40.9157406	1.81E-01	43197675	43197798	NC_000006.11
cg08044097	6.85E-21	8.90E-23	1.12E+01	40.9156246	2.41E-01	55371013	55371136	NC_000008.10
cg24224020	6.85E-21	8.90E-23	1.12E+01	40.9152051	2.57E-01	111544443	111544566	NC_000004.11
cg12797017	6.94E-21	9.03E-23	1.12E+01	40.9006285	1.16E-01	89059249	89059372	NC_000014.8

cg08813062	7.01E-21	9.13E-23	1.12E+01	40.8904815	1.91E-01	175199576	175199699	NC_000002.11
cg15043723	7.03E-21	9.16E-23	1.12E+01	40.8865836	1.73E-01	8106006	8106129	NC_000010.10
cg18347903	7.05E-21	9.19E-23	1.12E+01	40.8841853	8.76E-02	427580	427703	NC_000002.11
cg02621287	7.07E-21	9.22E-23	1.12E+01	40.880968	2.46E-01	11653278	11653401	NC_000012.11
cg18722841	7.10E-21	9.26E-23	1.12E+01	40.8765497	2.76E-01	71954982	71955105	NC_000011.9
cg09804711	7.13E-21	9.30E-23	1.12E+01	40.8715065	1.25E-01	61403556	61403679	NC_000020.10
cg01878345	7.13E-21	9.31E-23	1.12E+01	40.8708834	2.70E-01	105471960	105472083	NC_000002.11
cg25379036	7.13E-21	9.32E-23	1.12E+01	40.8702899	1.25E-01	125544500	125544623	NC_000006.11
cg19651694	7.13E-21	9.32E-23	1.12E+01	40.8702871	2.24E-01	71955164	71955287	NC_000011.9
cg15107670	7.17E-21	9.37E-23	1.12E+01	40.8648985	2.42E-01	32456759	32456882	NC_000011.9
cg25409308	7.17E-21	9.37E-23	1.12E+01	40.8646193	1.33E-01	111602911	111603034	NC_000011.9
cg18450832	7.18E-21	9.38E-23	1.12E+01	40.8632371	1.19E-01	37250092	37250215	NC_000005.9
cg07573209	7.20E-21	9.41E-23	1.12E+01	40.8604385	2.92E-01	76630095	76630218	NC_000015.9
cg07149609	7.21E-21	9.43E-23	1.12E+01	40.8584404	2.51E-01	170630734	170630857	NC_000001.10
cg11345432	7.26E-21	9.50E-23	1.12E+01	40.8510005	1.20E-01	125767838	125767961	NC_000010.10
cg03109914	7.27E-21	9.51E-23	1.12E+01	40.8501871	1.48E-01	823348	823471	NC_000011.9
cg09656848	7.56E-21	9.90E-23	1.12E+01	40.8102377	3.25E-01	61276678	61276801	NC_000011.9
cg07700514	7.56E-21	9.91E-23	1.12E+01	40.8090386	3.77E-01	56228467	56228590	NC_000016.9
cg15070710	7.58E-21	9.94E-23	1.12E+01	40.8061267	2.15E-01	19532345	19532468	NC_000001.10
cg02478836	7.80E-21	1.02E-22	1.12E+01	40.775859	1.30E-01	47510037	47510160	NC_000022.10
cg01285862	7.89E-21	1.04E-22	1.12E+01	40.7647678	1.63E-01	153414365	153414488	NC_000005.9
cg08623156	7.90E-21	1.04E-22	1.12E+01	40.7622953	1.08E-01	113577046	113577169	NC_000012.11
cg16246661	7.91E-21	1.04E-22	1.12E+01	40.7609393	2.04E-01	230272611	230272734	NC_000001.10
cg25444386	7.97E-21	1.05E-22	1.12E+01	40.7528664	2.75E-01	55990944	55991067	NC_000004.11
cg02660165	8.04E-21	1.06E-22	1.12E+01	40.7438114	1.37E-01	160391109	160391232	NC_000001.10

cg24498500	8.06E-21	1.06E-22	1.12E+01	40.7411313	1.77E-01	118166247	118166370	NC_000001.10
cg09915729	8.08E-21	1.06E-22	1.12E+01	40.7383123	2.07E-01	121513707	121513830	NC_000010.10
cg04402007	8.23E-21	1.09E-22	1.12E+01	40.7178105	2.69E-01	35093901	35094024	NC_000008.10
cg20987924	8.25E-21	1.09E-22	1.12E+01	40.7152583	2.45E-01	60296981	60297104	NC_000015.9
cg25555505	8.25E-21	1.09E-22	1.12E+01	40.7150514	1.26E-01	4791054	4791177	NC_000007.13
cg22455914	8.32E-21	1.10E-22	1.12E+01	40.706861	3.92E-01	7116977	7117100	NC_000018.9
cg16407471	8.34E-21	1.10E-22	1.12E+01	40.7029287	2.93E-01	43602914	43603037	NC_000011.9
cg05787035	8.38E-21	1.11E-22	1.12E+01	40.6982522	1.28E-01	202171635	202171758	NC_000001.10
cg14893932	8.39E-21	1.11E-22	1.12E+01	40.6975674	1.28E-01	66584493	66584616	NC_000015.9
cg20115910	8.60E-21	1.14E-22	1.12E+01	40.6720229	9.38E-02	49934906	49935029	NC_000012.11
cg26756625	8.62E-21	1.14E-22	1.12E+01	40.6695156	2.14E-01	126779875	126779998	NC_000009.11
cg08810842	8.62E-21	1.14E-22	1.12E+01	40.6692617	2.39E-01	22548546	22548669	NC_000008.10
cg02172312	8.62E-21	1.14E-22	1.12E+01	40.6682884	2.45E-01	62069337	62069460	NC_000016.9
cg20664238	8.65E-21	1.15E-22	1.12E+01	40.66531	2.82E-01	88798877	88799000	NC_000015.9
cg10909506	8.74E-21	1.16E-22	1.12E+01	40.6543414	1.59E-01	38081995	38082118	NC_000017.10
cg01226231	8.75E-21	1.16E-22	1.12E+01	40.6530973	1.12E-01	139935196	139935319	NC_000005.9
cg20707409	8.81E-21	1.17E-22	1.11E+01	40.6454619	1.58E-01	124605957	124606080	NC_000010.10
cg07135701	8.87E-21	1.18E-22	1.11E+01	40.6391863	1.15E-01	23519441	23519564	NC_000016.9
cg05774699	8.87E-21	1.18E-22	1.11E+01	40.6381621	2.06E-01	27184316	27184439	NC_000007.13
cg17924901	8.91E-21	1.18E-22	1.11E+01	40.633395	1.49E-01	3475233	3475356	NC_000004.11
cg15639951	8.94E-21	1.19E-22	1.11E+01	40.6300311	1.73E-01	43367609	43367732	NC_000017.10
cg08065231	8.97E-21	1.19E-22	1.11E+01	40.626679	2.98E-01	9473684	9473807	NC_000019.9
cg17141972	9.05E-21	1.20E-22	1.11E+01	40.6171706	1.60E-01	77547510	77547633	NC_000006.11
cg13465477	9.13E-21	1.21E-22	1.11E+01	40.6075323	2.40E-01	133534961	133535084	NC_000009.11
cg15031661	9.18E-21	1.22E-22	1.11E+01	40.6012331	2.88E-01	240256603	240256726	NC_000001.10

cg17927493	9.21E-21	1.22E-22	1.11E+01	40.5987869	1.64E-01	81997731	81997854	NC_000014.8
cg22762091	9.23E-21	1.23E-22	1.11E+01	40.5955828	1.97E-01	132052843	132052966	NC_000008.10
cg15585794	9.27E-21	1.23E-22	1.11E+01	40.5918543	2.85E-01	131780329	131780452	NC_000011.9
cg09868598	9.29E-21	1.24E-22	1.11E+01	40.5890126	2.18E-01	50674015	50674138	NC_000005.9
cg18493314	9.30E-21	1.24E-22	1.11E+01	40.5882477	1.44E-01	21899075	21899198	NC_000014.8
cg22620090	9.34E-21	1.24E-22	1.11E+01	40.5826185	2.96E-01	105400993	105401116	NC_000006.11
cg23881278	9.35E-21	1.25E-22	1.11E+01	40.5813992	2.86E-01	113346299	113346422	NC_000011.9
cg26675485	9.47E-21	1.26E-22	1.11E+01	40.5679666	1.57E-01	67968879	67969002	NC_000016.9
cg13151751	9.51E-21	1.27E-22	1.11E+01	40.5637661	1.20E-01	89993815	89993938	NC_000001.10
cg03243768	9.51E-21	1.27E-22	1.11E+01	40.5631117	2.10E-01	9115107	9115230	NC_000011.9
cg20100801	9.57E-21	1.28E-22	1.11E+01	40.5561937	1.84E-01	95987654	95987777	NC_000012.11
cg25475443	9.57E-21	1.28E-22	1.11E+01	40.5559717	9.20E-02	125806388	125806511	NC_000010.10
cg16626318	9.72E-21	1.30E-22	1.11E+01	40.5395832	1.01E-01	37288164	37288287	NC_000003.11
cg23476745	9.81E-21	1.31E-22	1.11E+01	40.5304522	1.24E-01	79076552	79076675	NC_000017.10
cg08042322	9.82E-21	1.31E-22	1.11E+01	40.5298429	1.65E-01	104233595	104233718	NC_000012.11
cg03957649	9.94E-21	1.33E-22	1.11E+01	40.5165203	8.96E-02	30121853	30121976	NC_000006.11
cg24705818	9.98E-21	1.34E-22	1.11E+01	40.5123559	1.68E-01	18964128	18964251	NC_000010.10
cg07575617	1.00E-20	1.34E-22	1.11E+01	40.5074772	1.09E-01	218460685	218460808	NC_000001.10
cg08165221	1.00E-20	1.34E-22	1.11E+01	40.5073023	2.17E-01	5833017	5833140	NC_000002.11
cg20168230	1.01E-20	1.35E-22	1.11E+01	40.5011693	2.05E-01	37499649	37499772	NC_000001.10
cg03013699	1.01E-20	1.36E-22	1.11E+01	40.4979949	5.76E-02	50772477	50772600	NC_000007.13
cg09004195	1.02E-20	1.37E-22	1.11E+01	40.4903947	1.04E-01	222323493	222323616	NC_000002.11
cg18863595	1.02E-20	1.37E-22	1.11E+01	40.4868464	2.63E-01	6902845	6902968	NC_000003.11
cg07707505	1.02E-20	1.37E-22	1.11E+01	40.4867475	1.68E-01	12185435	12185558	NC_000001.10
cg22295334	1.03E-20	1.38E-22	1.11E+01	40.4817507	1.22E-01	135835943	135836066	NC_000008.10

cg02148562	1.03E-20	1.38E-22	1.11E+01	40.4805936	2.19E-01	128766988	128767111	NC_000008.10
cg16142306	1.04E-20	1.39E-22	1.11E+01	40.4712466	2.24E-01	41258935	41259058	NC_000004.11
cg25342872	1.04E-20	1.40E-22	1.11E+01	40.4633682	1.32E-01	79175132	79175255	NC_000017.10
cg01570424	1.05E-20	1.41E-22	1.11E+01	40.4600183	3.29E-01	2038922	2039045	NC_000005.9
cg08487909	1.05E-20	1.41E-22	1.11E+01	40.4576359	1.22E-01	30904981	30905104	NC_000006.11
cg19596468	1.05E-20	1.41E-22	1.11E+01	40.4571881	1.78E-01	4864110	4864233	NC_000004.11
cg00298405	1.05E-20	1.41E-22	1.11E+01	40.455413	1.21E-01	46835192	46835315	NC_000022.10
cg10888790	1.05E-20	1.42E-22	1.11E+01	40.4512216	1.60E-01	131766874	131766997	NC_000010.10
cg27277463	1.06E-20	1.42E-22	1.11E+01	40.44907	3.22E-01	62585031	62585154	NC_000012.11
cg17538572	1.06E-20	1.43E-22	1.11E+01	40.4462906	3.17E-01	94834763	94834886	NC_000010.10
cg26524638	1.06E-20	1.43E-22	1.11E+01	40.4461865	1.33E-01	2481449	2481572	NC_000011.9
cg07600374	1.06E-20	1.43E-22	1.11E+01	40.4415188	1.19E-01	134278787	134278910	NC_000006.11
cg12656740	1.07E-20	1.44E-22	1.11E+01	40.4391877	1.10E-01	205422437	205422560	NC_000001.10
cg08013557	1.07E-20	1.44E-22	1.11E+01	40.4353415	2.38E-01	147115043	147115166	NC_000003.11
cg08094235	1.07E-20	1.45E-22	1.11E+01	40.4339502	1.49E-01	3463558	3463681	NC_000002.11
cg12177001	1.08E-20	1.46E-22	1.11E+01	40.4244026	1.22E-01	94576148	94576271	NC_000014.8
cg18507379	1.09E-20	1.47E-22	1.11E+01	40.4188191	2.99E-01	140787507	140787630	NC_000005.9
cg08829841	1.09E-20	1.47E-22	1.11E+01	40.4184102	2.16E-01	129535348	129535471	NC_000010.10
cg13067139	1.09E-20	1.47E-22	1.11E+01	40.4182822	8.90E-02	155221277	155221400	NC_000001.10
cg24342610	1.09E-20	1.48E-22	1.11E+01	40.4123145	1.19E-01	50331002	50331125	NC_000003.11
cg08080923	1.10E-20	1.49E-22	1.11E+01	40.4056263	1.33E-01	47763943	47764066	NC_000019.9
cg08893692	1.10E-20	1.49E-22	1.11E+01	40.4039482	2.80E-01	72595741	72595864	NC_000005.9
cg22795216	1.10E-20	1.49E-22	1.11E+01	40.4030687	1.87E-01	47078649	47078772	NC_000001.10
cg07737063	1.10E-20	1.50E-22	1.11E+01	40.4000521	2.23E-01	1486341	1486464	NC_000011.9
cg08296263	1.11E-20	1.51E-22	1.11E+01	40.391815	1.51E-01	28938433	28938556	NC_000008.10

cg08158952	1.12E-20	1.51E-22	1.11E+01	40.3882531	2.87E-01	57183016	57183139	NC_000019.9
cg01691522	1.12E-20	1.52E-22	1.11E+01	40.38483	1.20E-01	42998521	42998644	NC_000005.9
cg02852421	1.12E-20	1.52E-22	1.11E+01	40.3844186	2.53E-01	70372614	70372737	NC_000015.9
cg02119792	1.12E-20	1.52E-22	1.11E+01	40.3832292	3.00E-01	47010818	47010941	NC_000021.8
cg05543520	1.12E-20	1.52E-22	1.11E+01	40.3831329	2.20E-01	66500703	66500826	NC_000003.11
cg04562755	1.12E-20	1.52E-22	1.11E+01	40.3823968	1.67E-01	64090011	64090134	NC_000001.10
cg06431953	1.12E-20	1.52E-22	1.11E+01	40.3814788	1.65E-01	112630726	112630849	NC_000010.10
cg18794282	1.13E-20	1.54E-22	1.11E+01	40.3720011	1.44E-01	48253633	48253756	NC_000008.10
cg08627010	1.13E-20	1.54E-22	1.11E+01	40.3705716	1.67E-01	125651697	125651820	NC_000010.10
cg08776356	1.14E-20	1.55E-22	1.11E+01	40.3669146	2.66E-01	51186260	51186383	NC_000016.9
cg17176911	1.15E-20	1.56E-22	1.11E+01	40.3564782	1.58E-01	150261107	150261230	NC_000003.11
cg06762395	1.18E-20	1.60E-22	1.11E+01	40.3328114	1.23E-01	75263297	75263420	NC_000016.9
cg18725867	1.18E-20	1.60E-22	1.11E+01	40.332026	2.84E-01	37834958	37835081	NC_000005.9
cg25033990	1.19E-20	1.61E-22	1.11E+01	40.3240736	2.22E-01	32484014	32484137	NC_000017.10
cg00495201	1.19E-20	1.62E-22	1.11E+01	40.3229315	1.99E-01	137825623	137825746	NC_000005.9
cg06741803	1.19E-20	1.62E-22	1.11E+01	40.3187004	1.43E-01	46807522	46807645	NC_000001.10
cg13808641	1.20E-20	1.63E-22	1.11E+01	40.3124836	9.81E-02	96006533	96006656	NC_000009.11
cg25059165	1.20E-20	1.63E-22	1.11E+01	40.3124249	1.05E-01	33171467	33171590	NC_000006.11
cg05239811	1.20E-20	1.63E-22	1.11E+01	40.3118879	1.49E-01	31734147	31734270	NC_000006.11
cg22112000	1.20E-20	1.64E-22	1.11E+01	40.3084406	1.56E-01	5647182	5647305	NC_000007.13
cg22978326	1.21E-20	1.66E-22	1.11E+01	40.2970065	1.39E-01	171761287	171761410	NC_000003.11
cg07828377	1.24E-20	1.70E-22	1.11E+01	40.2730558	1.16E-01	109496	109619	NC_000017.10
cg26956874	1.24E-20	1.70E-22	1.11E+01	40.2722549	2.66E-01	237206643	237206766	NC_000001.10
cg05977017	1.25E-20	1.71E-22	1.11E+01	40.2691315	1.11E-01	126856298	126856421	NC_000005.9
cg15467759	1.25E-20	1.71E-22	1.11E+01	40.2668511	7.55E-02	149900327	149900450	NC_000005.9

cg17800654	1.25E-20	1.71E-22	1.11E+01	40.26489	2.39E-01	50888590	50888713	NC_000001.10
cg05560435	1.26E-20	1.72E-22	1.11E+01	40.2618986	2.66E-01	172671526	172671649	NC_000005.9
cg09850764	1.26E-20	1.73E-22	1.11E+01	40.2580896	1.49E-01	1406322	1406445	NC_000016.9
cg21584979	1.26E-20	1.73E-22	1.11E+01	40.254212	1.77E-01	235878176	235878299	NC_000002.11
cg26509731	1.27E-20	1.74E-22	1.11E+01	40.2513166	2.06E-01	80578590	80578713	NC_000006.11
cg26284985	1.29E-20	1.77E-22	1.11E+01	40.2353159	1.48E-01	110426718	110426841	NC_000006.11
cg05237641	1.30E-20	1.79E-22	1.11E+01	40.22088	1.75E-01	128077307	128077430	NC_000010.10
cg24872782	1.31E-20	1.79E-22	1.11E+01	40.2203168	2.87E-01	15500249	15500372	NC_000005.9
cg17397631	1.31E-20	1.80E-22	1.11E+01	40.2175411	2.78E-01	779880	780003	NC_000004.11
cg18755296	1.31E-20	1.81E-22	1.11E+01	40.2128967	2.77E-01	53852446	53852569	NC_000008.10
cg09321400	1.32E-20	1.81E-22	1.11E+01	40.2102075	2.73E-01	55690443	55690566	NC_000016.9
cg04224064	1.32E-20	1.82E-22	1.11E+01	40.2049732	2.37E-01	36992233	36992356	NC_000014.8
cg17035132	1.33E-20	1.83E-22	1.11E+01	40.200572	1.33E-01	2504160	2504283	NC_000011.9
cg20319604	1.33E-20	1.83E-22	1.11E+01	40.1996602	1.69E-01	44428936	44429059	NC_000002.11
cg27062795	1.38E-20	1.90E-22	1.11E+01	40.1621188	2.74E-01	56879613	56879736	NC_000019.9
cg04958794	1.38E-20	1.91E-22	1.11E+01	40.1586328	2.60E-01	97685274	97685397	NC_000014.8
cg15459774	1.39E-20	1.91E-22	1.11E+01	40.1560494	1.45E-01	8331529	8331652	NC_000010.10
cg15111065	1.40E-20	1.93E-22	1.11E+01	40.1475219	1.92E-01	129491725	129491848	NC_000007.13
cg10550033	1.42E-20	1.96E-22	1.11E+01	40.1323737	1.89E-01	59983940	59984063	NC_000013.10
cg05223720	1.42E-20	1.97E-22	1.11E+01	40.1290465	3.05E-01	71801793	71801916	NC_000007.13
cg16767916	1.43E-20	1.97E-22	1.11E+01	40.1247424	1.72E-01	105473128	105473251	NC_000002.11
cg01310768	1.44E-20	1.99E-22	1.11E+01	40.1177594	1.71E-01	89823130	89823253	NC_000005.9
cg00446413	1.44E-20	1.99E-22	1.11E+01	40.1145176	2.03E-01	153749206	153749329	NC_000007.13
cg17226356	1.44E-20	2.00E-22	1.11E+01	40.1133754	1.12E-01	48600317	48600440	NC_000003.11
cg08289056	1.45E-20	2.01E-22	1.11E+01	40.1057421	1.59E-01	6233666	6233789	NC_000010.10



cg02825211	1.46E-20	2.02E-22	1.11E+01	40.104195	1.88E-01	8808663	8808786	NC_000019.9
cg08351085	1.46E-20	2.02E-22	1.11E+01	40.1031493	1.59E-01	113980035	113980158	NC_000013.10
cg03044684	1.47E-20	2.04E-22	1.11E+01	40.0935966	2.66E-01	33248032	33248155	NC_000021.8
cg22821931	1.47E-20	2.04E-22	1.11E+01	40.0914134	1.55E-01	50800837	50800960	NC_000007.13
cg23665381	1.49E-20	2.07E-22	1.11E+01	40.079915	2.60E-01	5710098	5710221	NC_000004.11
cg02807786	1.50E-20	2.07E-22	1.11E+01	40.0754494	1.36E-01	125141606	125141729	NC_000012.11
cg15079455	1.52E-20	2.10E-22	1.11E+01	40.0621498	1.12E-01	127989828	127989951	NC_000003.11
cg11696200	1.54E-20	2.14E-22	1.11E+01	40.0432065	2.50E-01	33768013	33768136	NC_000013.10
cg06146977	1.59E-20	2.21E-22	1.11E+01	40.0144473	1.75E-01	43469464	43469587	NC_000013.10
cg15854333	1.59E-20	2.21E-22	1.11E+01	40.0138063	8.91E-02	33171765	33171888	NC_000006.11
cg08065657	1.65E-20	2.31E-22	1.11E+01	39.970653	2.27E-01	52223099	52223222	NC_000019.9
cg27031484	1.66E-20	2.31E-22	1.11E+01	39.9685675	1.78E-01	129502834	129502957	NC_000007.13
cg01295203	1.66E-20	2.32E-22	1.10E+01	39.9641195	2.28E-01	70984199	70984322	NC_000008.10
cg24656388	1.71E-20	2.38E-22	1.10E+01	39.9373903	1.43E-01	8085918	8086041	NC_000006.11
cg25799348	1.73E-20	2.42E-22	1.10E+01	39.9236644	1.26E-01	4729417	4729540	NC_000007.13
cg24345261	1.74E-20	2.44E-22	1.10E+01	39.9156524	7.85E-02	154196770	154196893	NC_000004.11
cg24733475	1.75E-20	2.45E-22	1.10E+01	39.9108575	7.11E-02	64694047	64694170	NC_000014.8
cg10477621	1.75E-20	2.46E-22	1.10E+01	39.9074417	2.22E-01	19184950	19185073	NC_000007.13
cg00431835	1.77E-20	2.47E-22	1.10E+01	39.9003493	1.76E-01	86796158	86796281	NC_000016.9
cg24469464	1.77E-20	2.48E-22	1.10E+01	39.8992625	2.03E-01	4860157	4860280	NC_000004.11
cg09753632	1.79E-20	2.52E-22	1.10E+01	39.8829454	8.34E-02	95413861	95413984	NC_000005.9
cg03059131	1.81E-20	2.53E-22	1.10E+01	39.8769145	3.10E-01	60296996	60297119	NC_000015.9
cg00128386	1.81E-20	2.53E-22	1.10E+01	39.8766157	1.80E-01	85665539	85665662	NC_000016.9
cg01610605	1.82E-20	2.55E-22	1.10E+01	39.8701597	2.11E-01	6069399	6069522	NC_000016.9
cg05083202	1.82E-20	2.56E-22	1.10E+01	39.8668155	1.69E-01	40146149	40146272	NC_000021.8

cg24032666	1.83E-20	2.57E-22	1.10E+01	39.8635085	2.89E-01	24814035	24814158	NC_000008.10
cg24284973	1.83E-20	2.57E-22	1.10E+01	39.8627918	2.74E-01	131780357	131780480	NC_000011.9
cg01693350	1.83E-20	2.58E-22	1.10E+01	39.8598677	1.81E-01	32452187	32452310	NC_000011.9
cg12894814	1.85E-20	2.61E-22	1.10E+01	39.8470852	1.66E-01	22232412	22232535	NC_000007.13
cg11829371	1.85E-20	2.61E-22	1.10E+01	39.8468739	1.04E-01	981724	981847	NC_000017.10
cg00418282	1.89E-20	2.66E-22	1.10E+01	39.8290654	2.73E-01	2740132	2740255	NC_000005.9
cg24297348	1.91E-20	2.69E-22	1.10E+01	39.8159256	8.74E-02	112706316	112706439	NC_000003.11
cg27532754	1.93E-20	2.72E-22	1.10E+01	39.8062371	1.72E-01	134905361	134905484	NC_000010.10
cg15310162	1.93E-20	2.73E-22	1.10E+01	39.8043927	2.20E-01	37852822	37852945	NC_000021.8
cg08575330	1.93E-20	2.73E-22	1.10E+01	39.8042258	2.79E-01	175199828	175199951	NC_000002.11
cg18180407	1.95E-20	2.75E-22	1.10E+01	39.7947007	2.06E-01	55047736	55047859	NC_000001.10
cg15040499	1.95E-20	2.76E-22	1.10E+01	39.7908469	1.48E-01	35861263	35861386	NC_000017.10
cg08407408	1.96E-20	2.77E-22	1.10E+01	39.7896535	1.77E-01	123007555	123007678	NC_000012.11
cg00812833	1.97E-20	2.79E-22	1.10E+01	39.7801456	2.82E-01	242687412	242687535	NC_000001.10
cg16428857	1.98E-20	2.80E-22	1.10E+01	39.7773507	1.18E-01	33248616	33248739	NC_000006.11
cg01150683	2.02E-20	2.86E-22	1.10E+01	39.7581658	1.91E-01	111216646	111216769	NC_000010.10
cg04775304	2.03E-20	2.88E-22	1.10E+01	39.7516126	7.32E-02	75266396	75266519	NC_000016.9
cg26710891	2.04E-20	2.88E-22	1.10E+01	39.7486763	1.84E-01	2324923	2325046	NC_000017.10
cg02743222	2.04E-20	2.88E-22	1.10E+01	39.7486751	2.15E-01	170736335	170736458	NC_000005.9
cg06482428	2.04E-20	2.89E-22	1.10E+01	39.748103	2.12E-01	21950173	21950296	NC_000004.11
cg20883194	2.04E-20	2.89E-22	1.10E+01	39.7455716	1.48E-01	45801769	45801892	NC_000012.11
cg20170533	2.05E-20	2.91E-22	1.10E+01	39.7408128	2.22E-01	51417846	51417969	NC_000013.10
cg26769186	2.06E-20	2.93E-22	1.10E+01	39.7337578	8.46E-02	196010417	196010540	NC_000003.11
cg10153349	2.10E-20	2.98E-22	1.10E+01	39.7170908	1.74E-01	13983893	13984016	NC_000011.9
cg15928093	2.13E-20	3.02E-22	1.10E+01	39.7025997	2.59E-01	130647213	130647336	NC_000012.11

cg18795809	2.14E-20	3.04E-22	1.10E+01	39.6978721	3.10E-01	10458531	10458654	NC_000004.11
cg18255813	2.14E-20	3.04E-22	1.10E+01	39.6970848	2.42E-01	7195966	7196089	NC_000006.11
cg07471614	2.15E-20	3.07E-22	1.10E+01	39.688029	2.08E-01	125855152	125855275	NC_000008.10
cg16823083	2.16E-20	3.07E-22	1.10E+01	39.6871186	2.08E-01	3567412	3567535	NC_000001.10
cg12974388	2.16E-20	3.07E-22	1.10E+01	39.6853543	2.86E-01	237072998	237073121	NC_000002.11
cg23495748	2.17E-20	3.10E-22	1.10E+01	39.6783979	3.04E-01	175223636	175223759	NC_000005.9
cg18129971	2.19E-20	3.13E-22	1.10E+01	39.6687028	1.04E-01	9884912	9885035	NC_000018.9
cg13138089	2.19E-20	3.13E-22	1.10E+01	39.6683133	1.32E-01	233251770	233251893	NC_000002.11
cg12212311	2.20E-20	3.14E-22	1.10E+01	39.6643238	2.51E-01	77558916	77559039	NC_000018.9
cg06223767	2.22E-20	3.16E-22	1.10E+01	39.6571221	3.14E-01	393616	393739	NC_000006.11
cg20634442	2.23E-20	3.19E-22	1.10E+01	39.6493346	2.33E-01	75524696	75524819	NC_000017.10
cg07281879	2.24E-20	3.19E-22	1.10E+01	39.6485955	1.89E-01	32459626	32459749	NC_000011.9
cg04304509	2.25E-20	3.21E-22	1.10E+01	39.6430506	1.48E-01	230215193	230215316	NC_000001.10
cg19755314	2.26E-20	3.22E-22	1.10E+01	39.63764	1.90E-01	143220	143343	NC_000007.13
cg10530883	2.28E-20	3.26E-22	1.10E+01	39.6278884	2.37E-01	3596207	3596330	NC_000005.9
cg19267861	2.31E-20	3.30E-22	1.10E+01	39.6145859	2.23E-01	61809724	61809847	NC_000020.10
cg24370974	2.32E-20	3.32E-22	1.10E+01	39.6095121	1.64E-01	31721356	31721479	NC_000006.11
cg26509915	2.33E-20	3.34E-22	1.10E+01	39.6039268	1.14E-01	69285633	69285756	NC_000011.9
cg16475811	2.34E-20	3.35E-22	1.10E+01	39.6013003	1.39E-01	69308726	69308849	NC_000011.9
cg19936016	2.34E-20	3.35E-22	1.10E+01	39.5997938	1.60E-01	1206045	1206168	NC_000004.11
cg11667086	2.34E-20	3.35E-22	1.10E+01	39.599768	1.90E-01	31848554	31848677	NC_000011.9
cg06360427	2.34E-20	3.35E-22	1.10E+01	39.5989158	2.23E-01	74962672	74962795	NC_000018.9
cg13686789	2.35E-20	3.37E-22	1.10E+01	39.5934196	1.04E-01	72655401	72655524	NC_000009.11
cg16332256	2.36E-20	3.38E-22	1.10E+01	39.5923217	2.93E-01	9534388	9534511	NC_000004.11
cg03926852	2.36E-20	3.38E-22	1.10E+01	39.5915816	9.43E-02	31681562	31681685	NC_000006.11

cg06593118	2.39E-20	3.42E-22	1.10E+01	39.5793042	2.28E-01	117711896	117712019	NC_000011.9
cg11254700	2.42E-20	3.48E-22	1.10E+01	39.5618735	2.81E-01	53561386	53561509	NC_000019.9
cg00922781	2.43E-20	3.49E-22	1.10E+01	39.5582001	2.02E-01	128077080	128077203	NC_000010.10
cg01851970	2.44E-20	3.50E-22	1.10E+01	39.5562164	9.62E-02	73579244	73579367	NC_000005.9
cg13023623	2.44E-20	3.51E-22	1.10E+01	39.5536253	2.28E-01	57276257	57276380	NC_000014.8
cg25953239	2.45E-20	3.53E-22	1.10E+01	39.5487268	2.41E-01	176982342	176982465	NC_000002.11
cg27428744	2.46E-20	3.54E-22	1.10E+01	39.5461001	1.68E-01	65508251	65508374	NC_000016.9
cg17529832	2.48E-20	3.56E-22	1.10E+01	39.5387289	2.78E-01	105461096	105461219	NC_000002.11
cg19949955	2.48E-20	3.57E-22	1.10E+01	39.5354836	2.31E-01	33402443	33402566	NC_000014.8
cg11776930	2.49E-20	3.59E-22	1.10E+01	39.5313123	1.43E-01	88427400	88427523	NC_000010.10
cg15362957	2.50E-20	3.60E-22	1.10E+01	39.5285183	1.55E-01	97684772	97684895	NC_000014.8
cg18856388	2.53E-20	3.64E-22	1.10E+01	39.5167535	3.08E-01	1875886	1876009	NC_000005.9
cg12751432	2.53E-20	3.65E-22	1.10E+01	39.5156921	3.06E-01	56015066	56015189	NC_000008.10
cg03680996	2.54E-20	3.65E-22	1.10E+01	39.5139258	1.62E-01	10725534	10725657	NC_000006.11
cg23151413	2.60E-20	3.75E-22	1.10E+01	39.4887846	1.88E-01	79350405	79350528	NC_000002.11
cg23169059	2.63E-20	3.79E-22	1.10E+01	39.477334	8.76E-02	167761204	167761327	NC_000006.11
cg22865128	2.64E-20	3.82E-22	1.10E+01	39.4699762	1.56E-01	241627555	241627678	NC_000002.11
cg26492368	2.65E-20	3.82E-22	1.10E+01	39.4690007	2.09E-01	22634733	22634856	NC_000010.10
cg22860848	2.66E-20	3.84E-22	1.10E+01	39.4653576	1.31E-01	241631345	241631468	NC_000002.11
cg14991487	2.66E-20	3.85E-22	1.10E+01	39.4619661	2.60E-01	176987404	176987527	NC_000002.11
cg13277254	2.66E-20	3.85E-22	1.10E+01	39.4618966	1.46E-01	171333801	171333924	NC_000005.9
cg06613775	2.67E-20	3.86E-22	1.10E+01	39.4585291	1.58E-01	88897441	88897564	NC_000012.11
cg20979061	2.68E-20	3.87E-22	1.10E+01	39.4570732	1.57E-01	49939949	49940072	NC_000019.9
cg19653979	2.76E-20	4.00E-22	1.10E+01	39.4245551	8.48E-02	11881462	11881585	NC_000002.11
cg27642784	2.81E-20	4.07E-22	1.10E+01	39.4059955	1.91E-01	157813670	157813793	NC_000003.11

cg06518628	2.81E-20	4.08E-22	1.10E+01	39.4044685	2.48E-01	104513704	104513827	NC_000008.10
cg10696504	2.85E-20	4.13E-22	1.10E+01	39.3916161	1.31E-01	25201541	25201664	NC_000013.10
cg13478737	2.95E-20	4.29E-22	1.10E+01	39.353695	1.46E-01	133807443	133807566	NC_000009.11
cg07401230	2.99E-20	4.35E-22	1.10E+01	39.3407607	3.18E-01	9763877	9764000	NC_000008.10
cg14038391	3.00E-20	4.37E-22	1.10E+01	39.3353977	2.87E-01	102900130	102900253	NC_000010.10
cg03229780	3.01E-20	4.38E-22	1.10E+01	39.3339784	2.70E-01	108238372	108238495	NC_000012.11
cg01815671	3.05E-20	4.44E-22	1.10E+01	39.3212229	2.77E-01	126113663	126113786	NC_000003.11
cg26246807	3.07E-20	4.47E-22	1.10E+01	39.3144161	3.44E-01	58095659	58095782	NC_000019.9
cg19528797	3.07E-20	4.47E-22	1.10E+01	39.3140913	1.74E-01	117468110	117468233	NC_000012.11
cg19326874	3.07E-20	4.47E-22	1.10E+01	39.3129065	1.50E-01	37903243	37903366	NC_000004.11
cg15985184	3.07E-20	4.48E-22	1.10E+01	39.3119226	2.37E-01	51830311	51830434	NC_000019.9
cg16975225	3.13E-20	4.56E-22	1.10E+01	39.2937281	1.60E-01	52437342	52437465	NC_000012.11
cg07527426	3.14E-20	4.58E-22	1.10E+01	39.2901612	8.42E-02	44125473	44125596	NC_000006.11
cg07575466	3.14E-20	4.59E-22	1.10E+01	39.2881957	1.56E-01	40769708	40769831	NC_000001.10
cg04437648	3.16E-20	4.61E-22	1.09E+01	39.2836604	9.55E-02	234627450	234627573	NC_000002.11
cg08621473	3.16E-20	4.61E-22	1.09E+01	39.2833151	2.34E-01	23734512	23734635	NC_000013.10
cg06356454	3.17E-20	4.62E-22	1.09E+01	39.2799571	1.67E-01	241631498	241631621	NC_000002.11
cg21298249	3.18E-20	4.65E-22	1.09E+01	39.2751897	1.49E-01	77734286	77734409	NC_000015.9
cg15047344	3.19E-20	4.66E-22	1.09E+01	39.2730942	1.16E-01	42997034	42997157	NC_000006.11
cg19909349	3.19E-20	4.66E-22	1.09E+01	39.2726604	2.94E-01	7118092	7118215	NC_000018.9
cg11814826	3.20E-20	4.68E-22	1.09E+01	39.2683915	9.74E-02	26666694	26666817	NC_000017.10
cg21049487	3.23E-20	4.73E-22	1.09E+01	39.2578315	1.50E-01	104328065	104328188	NC_000012.11
cg17594242	3.24E-20	4.74E-22	1.09E+01	39.2546656	1.34E-01	115654782	115654905	NC_000001.10
cg26034341	3.26E-20	4.78E-22	1.09E+01	39.2467297	2.15E-01	477314	477437	NC_000017.10
cg08333333	3.28E-20	4.81E-22	1.09E+01	39.2415343	2.12E-01	57182844	57182967	NC_000019.9

cg24555562	3.30E-20	4.83E-22	1.09E+01	39.2360918	1.57E-01	242827096	242827219	NC_000002.11
cg00503690	3.31E-20	4.85E-22	1.09E+01	39.2317008	1.15E-01	66431055	66431178	NC_000003.11
cg03124514	3.31E-20	4.86E-22	1.09E+01	39.2313076	1.38E-01	42943857	42943980	NC_000005.9
cg10534873	3.32E-20	4.87E-22	1.09E+01	39.2294932	1.84E-01	56591902	56592025	NC_000014.8
cg13723983	3.32E-20	4.87E-22	1.09E+01	39.2292697	1.08E-01	132383362	132383485	NC_000009.11
cg12012932	3.32E-20	4.87E-22	1.09E+01	39.22788	2.78E-01	30484033	30484156	NC_000015.9
cg13057167	3.36E-20	4.93E-22	1.09E+01	39.2168773	8.77E-02	103750565	103750688	NC_000014.8
cg06407390	3.36E-20	4.93E-22	1.09E+01	39.2164784	1.49E-01	134723491	134723614	NC_000010.10
cg24824686	3.36E-20	4.94E-22	1.09E+01	39.2150374	1.66E-01	129797777	129797900	NC_000010.10
cg05977002	3.37E-20	4.95E-22	1.09E+01	39.2122447	2.04E-01	92908051	92908174	NC_000005.9
cg01856023	3.38E-20	4.96E-22	1.09E+01	39.209537	1.34E-01	81969883	81970006	NC_000016.9
cg09048251	3.40E-20	5.00E-22	1.09E+01	39.2030432	2.18E-01	77253974	77254097	NC_000005.9
cg14364472	3.42E-20	5.02E-22	1.09E+01	39.1976101	2.15E-01	139394549	139394672	NC_000009.11
cg04653800	3.43E-20	5.04E-22	1.09E+01	39.1938951	2.16E-01	7910535	7910658	NC_000002.11
cg23089825	3.47E-20	5.11E-22	1.09E+01	39.1807409	2.73E-01	170630558	170630681	NC_000001.10
cg06548118	3.48E-20	5.13E-22	1.09E+01	39.1775634	1.53E-01	38812043	38812166	NC_000002.11
cg12559685	3.49E-20	5.14E-22	1.09E+01	39.1755462	8.48E-02	40839469	40839592	NC_000017.10
cg15107132	3.50E-20	5.15E-22	1.09E+01	39.1737505	1.35E-01	63991130	63991253	NC_000011.9
cg07065111	3.50E-20	5.15E-22	1.09E+01	39.1727977	2.50E-01	5831213	5831336	NC_000002.11
cg19672997	3.52E-20	5.19E-22	1.09E+01	39.1652005	2.02E-01	48144369	48144492	NC_000014.8
cg05181041	3.53E-20	5.20E-22	1.09E+01	39.163857	2.75E-01	128076941	128077064	NC_000010.10
cg17766651	3.53E-20	5.20E-22	1.09E+01	39.1628218	2.00E-01	76303552	76303675	NC_000012.11
cg17132535	3.55E-20	5.24E-22	1.09E+01	39.1564755	1.76E-01	47133191	47133314	NC_000002.11
cg17429000	3.60E-20	5.31E-22	1.09E+01	39.1426381	2.30E-01	76936636	76936759	NC_000005.9
cg01783070	3.61E-20	5.32E-22	1.09E+01	39.1399818	2.93E-01	21686293	21686416	NC_000020.10

cg18088415	3.61E-20	5.33E-22	1.09E+01	39.1396927	1.72E-01	31770979	31771102	NC_000006.11
cg05374412	3.61E-20	5.33E-22	1.09E+01	39.1395723	3.00E-01	82660727	82660850	NC_000016.9
cg07317062	3.61E-20	5.34E-22	1.09E+01	39.1376706	2.45E-01	27170388	27170511	NC_000007.13
cg25221239	3.63E-20	5.37E-22	1.09E+01	39.1323851	2.11E-01	131764419	131764542	NC_000010.10
cg09800974	3.64E-20	5.37E-22	1.09E+01	39.1310162	2.21E-01	178688272	178688395	NC_000005.9
cg06120492	3.64E-20	5.38E-22	1.09E+01	39.1306005	1.20E-01	38529102	38529225	NC_000003.11
cg27391267	3.65E-20	5.40E-22	1.09E+01	39.1262455	1.93E-01	58545333	58545456	NC_000019.9
cg04319844	3.66E-20	5.41E-22	1.09E+01	39.123957	9.60E-02	41519026	41519149	NC_000008.10
cg07266350	3.71E-20	5.49E-22	1.09E+01	39.109526	2.38E-01	49460521	49460644	NC_000003.11
cg13876553	3.72E-20	5.51E-22	1.09E+01	39.106588	1.94E-01	426894	427017	NC_000009.11
cg08701621	3.72E-20	5.51E-22	1.09E+01	39.1061298	3.33E-01	58570419	58570542	NC_000019.9
cg22562383	3.73E-20	5.52E-22	1.09E+01	39.1046271	2.41E-01	1123154	1123277	NC_000005.9
cg11510891	3.73E-20	5.53E-22	1.09E+01	39.1025641	1.51E-01	41053747	41053870	NC_000013.10
cg14780068	3.76E-20	5.57E-22	1.09E+01	39.0961262	1.48E-01	201751846	201751969	NC_000001.10
cg07111441	3.76E-20	5.57E-22	1.09E+01	39.0948258	9.54E-02	47130423	47130546	NC_000001.10
cg21997746	3.76E-20	5.58E-22	1.09E+01	39.0937806	2.07E-01	22718216	22718339	NC_000006.11
cg09422450	3.78E-20	5.61E-22	1.09E+01	39.088288	2.18E-01	79623618	79623741	NC_000016.9
cg01729827	3.79E-20	5.62E-22	1.09E+01	39.086207	2.50E-01	54579084	54579207	NC_000020.10
cg09505233	3.80E-20	5.64E-22	1.09E+01	39.0825633	1.61E-01	133810087	133810210	NC_000010.10
cg14072515	3.89E-20	5.77E-22	1.09E+01	39.0605028	3.17E-01	125732604	125732727	NC_000010.10
cg00695558	3.96E-20	5.88E-22	1.09E+01	39.0415826	1.19E-01	42992137	42992260	NC_000008.10
cg02879159	3.96E-20	5.89E-22	1.09E+01	39.0396391	1.55E-01	30135449	30135572	NC_000006.11
cg24301352	3.96E-20	5.89E-22	1.09E+01	39.0395132	1.74E-01	3189957	3190080	NC_000019.9
cg14267754	4.00E-20	5.96E-22	1.09E+01	39.0288182	2.48E-01	99424203	99424326	NC_000007.13
cg05044994	4.02E-20	5.98E-22	1.09E+01	39.024804	1.13E-01	187896605	187896728	NC_000003.11

cg23231692	4.03E-20	6.00E-22	1.09E+01	39.0218604	9.29E-02	636167	636290	NC_000011.9
cg14944647	4.03E-20	6.00E-22	1.09E+01	39.0207251	2.54E-01	43602857	43602980	NC_000011.9
cg20721467	4.04E-20	6.02E-22	1.09E+01	39.018999	1.74E-01	76597927	76598050	NC_000010.10
cg25023379	4.04E-20	6.03E-22	1.09E+01	39.0169746	1.17E-01	70138712	70138835	NC_000014.8
cg02633363	4.07E-20	6.07E-22	1.09E+01	39.0097437	1.35E-01	149906179	149906302	NC_000005.9
cg05184456	4.08E-20	6.09E-22	1.09E+01	39.0066273	1.85E-01	145557639	145557762	NC_000008.10
cg02213971	4.11E-20	6.13E-22	1.09E+01	38.9995937	1.53E-01	69994230	69994353	NC_000011.9
cg13257146	4.12E-20	6.15E-22	1.09E+01	38.9974403	5.89E-02	42076143	42076266	NC_000003.11
cg09887059	4.16E-20	6.22E-22	1.09E+01	38.985994	2.58E-01	113916664	113916787	NC_000012.11
cg21178568	4.16E-20	6.22E-22	1.09E+01	38.9849828	1.06E-01	97390853	97390976	NC_000009.11
cg23877720	4.17E-20	6.24E-22	1.09E+01	38.9818876	2.38E-01	49815117	49815240	NC_000007.13
cg24425021	4.18E-20	6.26E-22	1.09E+01	38.9800876	2.69E-01	79177520	79177643	NC_000013.10
cg08146945	4.19E-20	6.28E-22	1.09E+01	38.9766683	1.76E-01	86538307	86538430	NC_000016.9
cg20597139	4.20E-20	6.29E-22	1.09E+01	38.9748905	8.41E-02	64451491	64451614	NC_000015.9
cg05916700	4.20E-20	6.29E-22	1.09E+01	38.9739426	1.39E-01	93130344	93130467	NC_000012.11
cg15672437	4.21E-20	6.31E-22	1.09E+01	38.971952	3.02E-01	113764555	113764678	NC_000013.10
cg24190603	4.21E-20	6.31E-22	1.09E+01	38.9712418	2.95E-01	84418433	84418556	NC_000006.11
cg07489048	4.24E-20	6.36E-22	1.09E+01	38.9641387	1.86E-01	29236898	29237021	NC_000014.8
cg06147743	4.25E-20	6.37E-22	1.09E+01	38.9613922	8.58E-02	42835588	42835711	NC_000020.10
cg23209575	4.26E-20	6.39E-22	1.09E+01	38.9585035	1.64E-01	77436344	77436467	NC_000017.10
cg12363472	4.27E-20	6.41E-22	1.09E+01	38.9554135	1.80E-01	166218867	166218990	NC_000006.11
cg17780246	4.31E-20	6.48E-22	1.09E+01	38.9454749	1.84E-01	54481467	54481590	NC_000019.9
cg12411994	4.31E-20	6.48E-22	1.09E+01	38.9451058	5.31E-02	150017070	150017193	NC_000007.13
cg13545633	4.32E-20	6.49E-22	1.09E+01	38.9435202	1.18E-01	75524350	75524473	NC_000017.10
cg01860957	4.32E-20	6.49E-22	1.09E+01	38.9435148	8.46E-02	78163790	78163913	NC_000017.10



cg04011497	4.32E-20	6.50E-22	1.09E+01	38.9420431	1.74E-01	78338052	78338175	NC_000017.10
cg25354617	4.33E-20	6.51E-22	1.09E+01	38.9402484	1.95E-01	3241813	3241936	NC_000004.11
cg12904880	4.39E-20	6.60E-22	1.09E+01	38.9269167	2.36E-01	30139832	30139955	NC_000006.11
cg18343862	4.39E-20	6.61E-22	1.09E+01	38.9248661	9.21E-02	10590003	10590126	NC_000011.9
cg25967031	4.48E-20	6.75E-22	1.09E+01	38.9038855	2.24E-01	27171203	27171326	NC_000007.13
cg10298052	4.48E-20	6.76E-22	1.09E+01	38.903243	2.16E-01	57391055	57391178	NC_000010.10
cg01472043	4.49E-20	6.77E-22	1.09E+01	38.9012643	1.45E-01	11868183	11868306	NC_000010.10
cg04619046	4.50E-20	6.79E-22	1.09E+01	38.8992274	1.77E-01	64541730	64541853	NC_000011.9
cg25219728	4.54E-20	6.85E-22	1.09E+01	38.8896282	1.37E-01	75895858	75895981	NC_000004.11
cg12072964	4.55E-20	6.86E-22	1.09E+01	38.8885953	3.22E-01	7117321	7117444	NC_000018.9
cg01323381	4.58E-20	6.91E-22	1.09E+01	38.8816555	2.54E-01	27184264	27184387	NC_000007.13
cg10144751	4.63E-20	6.99E-22	1.09E+01	38.870217	1.23E-01	1618846	1618969	NC_000016.9
cg04607024	4.66E-20	7.05E-22	1.09E+01	38.8615748	1.27E-01	67696204	67696327	NC_000016.9
cg24575234	4.68E-20	7.07E-22	1.09E+01	38.8580675	2.36E-01	136553884	136554007	NC_000007.13
cg06024951	4.69E-20	7.10E-22	1.09E+01	38.8547813	1.00E-01	74670386	74670509	NC_000015.9
cg06305026	4.71E-20	7.12E-22	1.09E+01	38.8518313	5.91E-02	155432132	155432255	NC_000006.11
cg09191036	4.71E-20	7.12E-22	1.09E+01	38.8512678	1.81E-01	9783363	9783486	NC_000004.11
cg16863382	4.72E-20	7.14E-22	1.09E+01	38.8488697	1.76E-01	75252695	75252818	NC_000016.9
cg13364311	4.75E-20	7.19E-22	1.09E+01	38.8423934	1.43E-01	222333289	222333412	NC_000002.11
cg22828305	4.78E-20	7.24E-22	1.09E+01	38.8347906	1.14E-01	124722991	124723114	NC_000003.11
cg14668632	4.78E-20	7.25E-22	1.09E+01	38.83413	1.19E-01	2872130	2872253	NC_000007.13
cg26212135	4.79E-20	7.25E-22	1.09E+01	38.833639	1.15E-01	3456947	3457070	NC_000010.10
cg27260891	4.83E-20	7.33E-22	1.09E+01	38.8225727	1.15E-01	70028721	70028844	NC_000011.9
cg10307632	4.86E-20	7.37E-22	1.09E+01	38.8179093	1.16E-01	206621802	206621925	NC_000002.11
cg01410878	4.88E-20	7.40E-22	1.09E+01	38.8135492	2.68E-01	32908285	32908408	NC_000017.10

cg24499462	4.88E-20	7.40E-22	1.09E+01	38.8133652	8.56E-02	37095576	37095699	NC_000015.9
cg26894523	4.89E-20	7.42E-22	1.09E+01	38.8110285	1.99E-01	107725	107848	NC_000004.11
cg09963962	4.90E-20	7.44E-22	1.09E+01	38.8077153	5.90E-02	64812414	64812537	NC_000011.9
cg20763327	4.93E-20	7.48E-22	1.09E+01	38.8027161	1.59E-01	16667384	16667507	NC_000005.9
cg18480906	5.00E-20	7.59E-22	1.09E+01	38.7879796	9.44E-02	14014169	14014292	NC_000005.9
cg13912117	5.02E-20	7.63E-22	1.09E+01	38.7830913	2.95E-01	132054555	132054678	NC_000008.10
cg21676440	5.04E-20	7.67E-22	1.09E+01	38.7782421	2.49E-01	134493324	134493447	NC_000006.11
cg11220663	5.05E-20	7.68E-22	1.09E+01	38.7764123	2.33E-01	70994863	70994986	NC_000002.11
cg12824952	5.10E-20	7.76E-22	1.09E+01	38.7656892	1.08E-01	74042596	74042719	NC_000011.9
cg00111823	5.23E-20	7.96E-22	1.09E+01	38.7409774	1.07E-01	38479215	38479338	NC_000022.10
cg08141862	5.28E-20	8.06E-22	1.09E+01	38.7291481	1.23E-01	177458423	177458546	NC_000003.11
cg08217024	5.33E-20	8.13E-22	1.09E+01	38.7203417	3.13E-01	48145108	48145231	NC_000014.8
cg00163006	5.41E-20	8.26E-22	1.09E+01	38.7045903	1.17E-01	4417124	4417247	NC_000017.10
cg20496928	5.41E-20	8.26E-22	1.09E+01	38.7037997	9.66E-02	80179899	80180022	NC_000017.10
cg11381539	5.44E-20	8.31E-22	1.09E+01	38.6981615	2.69E-01	71801535	71801658	NC_000007.13
cg17423650	5.46E-20	8.35E-22	1.09E+01	38.6938563	1.12E-01	185218725	185218848	NC_000001.10
cg16475423	5.53E-20	8.45E-22	1.09E+01	38.6818572	1.04E-01	145106459	145106582	NC_000002.11
cg17374034	5.55E-20	8.48E-22	1.09E+01	38.6781024	5.63E-02	39000613	39000736	NC_000015.9
cg06813782	5.57E-20	8.53E-22	1.09E+01	38.6726925	1.51E-01	31046836	31046959	NC_000020.10
cg17509681	5.58E-20	8.54E-22	1.09E+01	38.6717293	1.68E-01	37930596	37930719	NC_000008.10
cg18403551	5.61E-20	8.58E-22	1.09E+01	38.6660451	2.99E-01	140770306	140770429	NC_000003.11
cg01331275	5.61E-20	8.59E-22	1.09E+01	38.6651878	1.98E-01	9908576	9908699	NC_000002.11
cg22702328	5.66E-20	8.68E-22	1.09E+01	38.6555645	2.29E-01	50235965	50236088	NC_000017.10
cg04492228	5.66E-20	8.68E-22	1.09E+01	38.655301	2.02E-01	8101513	8101636	NC_000010.10
cg02392025	5.69E-20	8.71E-22	1.09E+01	38.6510789	1.44E-01	56658502	56658625	NC_000019.9

cg23398109	5.79E-20	8.88E-22	1.09E+01	38.6322159	1.57E-01	26658767	26658890	NC_000017.10
cg04415798	5.81E-20	8.92E-22	1.09E+01	38.6279026	2.71E-01	37128586	37128709	NC_000014.8
cg21946698	5.81E-20	8.92E-22	1.09E+01	38.6277479	1.94E-01	326615	326738	NC_000016.9
cg14875171	5.84E-20	8.96E-22	1.09E+01	38.6232687	2.27E-01	50574196	50574319	NC_000002.11
cg25056332	5.91E-20	9.08E-22	1.08E+01	38.6099449	1.39E-01	64682466	64682589	NC_000014.8
cg25520960	5.93E-20	9.12E-22	1.08E+01	38.6058232	1.36E-01	219863984	219864107	NC_000002.11
cg06454760	5.97E-20	9.18E-22	1.08E+01	38.5993837	3.10E-01	58570427	58570550	NC_000019.9
cg23457506	5.98E-20	9.20E-22	1.08E+01	38.5974015	1.19E-01	30687453	30687576	NC_000002.11
cg11994674	5.98E-20	9.20E-22	1.08E+01	38.597279	2.42E-01	47547767	47547890	NC_000017.10
cg27528510	5.99E-20	9.21E-22	1.08E+01	38.5957935	2.68E-01	101006058	101006181	NC_000007.13
cg21790570	6.03E-20	9.29E-22	1.08E+01	38.5881974	6.05E-02	38133323	38133446	NC_000017.10
cg08330031	6.03E-20	9.30E-22	1.08E+01	38.5869374	2.15E-01	104623503	104623626	NC_000010.10
cg06462796	6.04E-20	9.30E-22	1.08E+01	38.5861852	1.54E-01	79634861	79634984	NC_000009.11
cg15365218	6.04E-20	9.32E-22	1.08E+01	38.584963	8.09E-02	33396859	33396982	NC_000011.9
cg23092421	6.05E-20	9.33E-22	1.08E+01	38.5836728	2.00E-01	49253689	49253812	NC_000019.9
cg20852557	6.06E-20	9.35E-22	1.08E+01	38.5814027	1.69E-01	184035519	184035642	NC_000003.11
cg00287312	6.08E-20	9.38E-22	1.08E+01	38.5785498	3.27E-01	53420425	53420548	NC_000013.10
cg03357798	6.11E-20	9.43E-22	1.08E+01	38.5726452	2.77E-01	69243285	69243408	NC_000008.10
cg04279973	6.11E-20	9.43E-22	1.08E+01	38.5724764	2.59E-01	23846968	23847091	NC_000016.9
cg22550847	6.14E-20	9.49E-22	1.08E+01	38.5665065	1.03E-01	79240082	79240205	NC_000004.11
cg07584981	6.17E-20	9.54E-22	1.08E+01	38.5616424	1.39E-01	38172854	38172977	NC_000017.10
cg01927745	6.19E-20	9.57E-22	1.08E+01	38.5580636	1.73E-01	72677723	72677846	NC_000005.9
cg26109568	6.20E-20	9.59E-22	1.08E+01	38.5562279	1.81E-01	105697685	105697808	NC_000002.11
cg24852548	6.22E-20	9.62E-22	1.08E+01	38.5528803	3.49E-01	57522632	57522755	NC_000004.11
cg05494604	6.23E-20	9.64E-22	1.08E+01	38.5505257	3.05E-01	23733862	23733985	NC_000013.10

cg00210133	6.24E-20	9.66E-22	1.08E+01	38.5493859	1.53E-01	50632714	50632837	NC_000022.10
cg19885761	6.27E-20	9.71E-22	1.08E+01	38.5440294	2.49E-01	175223646	175223769	NC_000005.9
cg12733154	6.30E-20	9.75E-22	1.08E+01	38.5397684	1.52E-01	69801321	69801444	NC_000011.9
cg21553980	6.34E-20	9.82E-22	1.08E+01	38.5328446	1.58E-01	109444	109567	NC_000017.10
cg27528817	6.34E-20	9.83E-22	1.08E+01	38.5320293	1.43E-01	72860419	72860542	NC_000003.11
cg03224572	6.39E-20	9.90E-22	1.08E+01	38.5242413	2.58E-01	97172012	97172135	NC_000008.10
cg06991300	6.41E-20	9.94E-22	1.08E+01	38.520644	2.44E-01	122301724	122301847	NC_000004.11
cg09916030	6.41E-20	9.95E-22	1.08E+01	38.5199347	5.86E-02	37949197	37949320	NC_000021.8
cg01003961	6.42E-20	9.97E-22	1.08E+01	38.5180277	1.67E-01	20824706	20824829	NC_000007.13
cg18225577	6.43E-20	9.97E-22	1.08E+01	38.5176374	1.81E-01	49713901	49714024	NC_000019.9
cg06785999	6.43E-20	9.98E-22	1.08E+01	38.5161081	2.94E-01	60975964	60976087	NC_000014.8
cg08087868	6.51E-20	1.01E-21	1.08E+01	38.5033147	1.86E-01	51188129	51188252	NC_000016.9
cg03704308	6.56E-20	1.02E-21	1.08E+01	38.4966053	2.86E-01	42533414	42533537	NC_000007.13
cg23121787	6.61E-20	1.03E-21	1.08E+01	38.4876818	1.92E-01	42211437	42211560	NC_000015.9
cg18473234	6.61E-20	1.03E-21	1.08E+01	38.4872197	1.19E-01	5097819	5097942	NC_000019.9
cg15618758	6.61E-20	1.03E-21	1.08E+01	38.4871764	1.63E-01	157168834	157168957	NC_000006.11
cg01540023	6.62E-20	1.03E-21	1.08E+01	38.485547	7.34E-02	98950565	98950688	NC_000013.10
cg17087899	6.73E-20	1.05E-21	1.08E+01	38.4686041	1.45E-01	151038698	151038821	NC_000007.13
cg03786842	6.81E-20	1.06E-21	1.08E+01	38.4555055	1.34E-01	127569751	127569874	NC_000010.10
cg09554406	6.83E-20	1.06E-21	1.08E+01	38.4531136	1.54E-01	49714044	49714167	NC_000019.9
cg06241792	6.86E-20	1.07E-21	1.08E+01	38.4492544	3.13E-01	21680669	21680792	NC_000012.11
cg16992627	6.90E-20	1.08E-21	1.08E+01	38.4419527	9.74E-02	32081610	32081733	NC_000006.11
cg16719582	6.91E-20	1.08E-21	1.08E+01	38.4402293	1.20E-01	133090971	133091094	NC_000012.11
cg20847228	6.93E-20	1.08E-21	1.08E+01	38.4366656	1.82E-01	50297087	50297210	NC_000003.11
cg09748975	6.95E-20	1.08E-21	1.08E+01	38.4350104	1.77E-01	4864532	4864655	NC_000004.11

cg04550052	6.96E-20	1.09E-21	1.08E+01	38.4320384	2.28E-01	51184355	51184478	NC_000016.9
cg04200485	7.00E-20	1.09E-21	1.08E+01	38.426255	1.26E-01	95900374	95900497	NC_000011.9
cg08146483	7.02E-20	1.10E-21	1.08E+01	38.4230691	2.74E-01	75602412	75602535	NC_000001.10
cg12982322	7.02E-20	1.10E-21	1.08E+01	38.4230531	1.74E-01	32449821	32449944	NC_000011.9
cg07302069	7.03E-20	1.10E-21	1.08E+01	38.4213232	3.71E-01	27196286	27196409	NC_000007.13
cg13791971	7.03E-20	1.10E-21	1.08E+01	38.420942	2.01E-01	97945584	97945707	NC_000009.11
cg10152131	7.04E-20	1.10E-21	1.08E+01	38.4205027	3.00E-01	51111677	51111800	NC_000019.9
cg06719900	7.06E-20	1.10E-21	1.08E+01	38.4161464	2.12E-01	109292894	109293017	NC_000011.9
cg14791193	7.08E-20	1.11E-21	1.08E+01	38.4139933	1.41E-01	16702476	16702599	NC_000001.10
cg05026135	7.10E-20	1.11E-21	1.08E+01	38.41087	2.73E-01	30713427	30713550	NC_000019.9
cg00021933	7.14E-20	1.12E-21	1.08E+01	38.4049145	1.16E-01	86082316	86082439	NC_000001.10
cg06727067	7.24E-20	1.13E-21	1.08E+01	38.3898008	1.85E-01	92582155	92582278	NC_000005.9
cg20310894	7.35E-20	1.15E-21	1.08E+01	38.3741148	1.22E-01	100125898	100126021	NC_000014.8
cg21578219	7.40E-20	1.16E-21	1.08E+01	38.367556	2.55E-01	18434542	18434665	NC_000001.10
cg16005494	7.48E-20	1.17E-21	1.08E+01	38.3554589	1.89E-01	70597713	70597836	NC_000007.13
cg03591376	7.52E-20	1.18E-21	1.08E+01	38.3492248	8.21E-02	45998201	45998324	NC_000019.9
cg22250605	7.57E-20	1.19E-21	1.08E+01	38.3422086	1.49E-01	189804187	189804310	NC_000003.11
cg13057576	7.57E-20	1.19E-21	1.08E+01	38.3420795	2.07E-01	64692154	64692277	NC_000014.8
cg12552402	7.65E-20	1.20E-21	1.08E+01	38.331885	1.37E-01	72083379	72083502	NC_000012.11
cg00573165	7.68E-20	1.21E-21	1.08E+01	38.327147	1.28E-01	20250849	20250972	NC_000001.10
cg04905644	7.68E-20	1.21E-21	1.08E+01	38.3271117	1.99E-01	28938493	28938616	NC_000008.10
cg18374393	7.71E-20	1.21E-21	1.08E+01	38.3231412	1.82E-01	105737848	105737971	NC_000014.8
cg11326311	7.73E-20	1.22E-21	1.08E+01	38.3199872	1.61E-01	58400854	58400977	NC_000011.9
cg12091642	7.75E-20	1.22E-21	1.08E+01	38.3177965	3.08E-01	61104566	61104689	NC_000014.8
cg05142982	7.81E-20	1.23E-21	1.08E+01	38.3097354	3.12E-01	495736	495859	NC_000008.10

cg18098286	7.81E-20	1.23E-21	1.08E+01	38.3088159	8.53E-02	234544271	234544394	NC_000002.11
cg23154526	7.83E-20	1.23E-21	1.08E+01	38.3065775	2.40E-01	60297323	60297446	NC_000015.9
cg14098847	8.02E-20	1.27E-21	1.08E+01	38.2810028	2.47E-01	101923218	101923341	NC_000014.8
cg00874589	8.04E-20	1.27E-21	1.08E+01	38.2784885	1.08E-01	112405614	112405737	NC_000003.11
cg27445278	8.09E-20	1.28E-21	1.08E+01	38.2723044	1.48E-01	26961465	26961588	NC_000022.10
cg06193628	8.09E-20	1.28E-21	1.08E+01	38.2718185	1.93E-01	228526145	228526268	NC_000002.11
cg23484951	8.09E-20	1.28E-21	1.08E+01	38.271295	2.24E-01	144241407	144241530	NC_000008.10
cg02230017	8.12E-20	1.28E-21	1.08E+01	38.2674966	2.89E-01	6069019	6069142	NC_000016.9
cg00851532	8.15E-20	1.29E-21	1.08E+01	38.2642061	1.93E-01	64680245	64680368	NC_000014.8
cg21287017	8.17E-20	1.29E-21	1.08E+01	38.2611507	8.53E-02	9498109	9498232	NC_000020.10
cg05404010	8.23E-20	1.30E-21	1.08E+01	38.2528407	2.55E-01	51186211	51186334	NC_000016.9
cg15437741	8.27E-20	1.31E-21	1.08E+01	38.2482249	1.58E-01	80194576	80194699	NC_000017.10
cg26552361	8.32E-20	1.32E-21	1.08E+01	38.2411988	9.31E-02	172293806	172293929	NC_000005.9
cg11049828	8.33E-20	1.32E-21	1.08E+01	38.239912	6.18E-02	69290831	69290954	NC_000011.9
cg11300341	8.47E-20	1.34E-21	1.08E+01	38.2226195	1.48E-01	17689562	17689685	NC_000017.10
cg03058660	8.48E-20	1.34E-21	1.08E+01	38.2206856	2.24E-01	48919198	48919321	NC_000019.9
cg14603098	8.50E-20	1.35E-21	1.08E+01	38.2184134	2.97E-01	32484259	32484382	NC_000017.10
cg16670554	8.53E-20	1.35E-21	1.08E+01	38.2150902	2.19E-01	68118985	68119108	NC_000015.9
cg18919209	8.54E-20	1.35E-21	1.08E+01	38.2138034	1.14E-01	96012039	96012162	NC_000011.9
cg10168149	8.65E-20	1.37E-21	1.08E+01	38.2000859	2.62E-01	200335558	200335681	NC_000002.11
cg21154627	8.69E-20	1.38E-21	1.08E+01	38.194589	2.56E-01	170303190	170303313	NC_000003.11
cg25136495	8.74E-20	1.39E-21	1.08E+01	38.1887318	2.28E-01	6729718	6729841	NC_000012.11
cg03426602	8.78E-20	1.39E-21	1.08E+01	38.1847725	1.79E-01	227312417	227312540	NC_000002.11
cg16417374	8.85E-20	1.41E-21	1.08E+01	38.1762427	1.89E-01	26098310	26098433	NC_000001.10
cg27111250	8.90E-20	1.42E-21	1.08E+01	38.1695454	2.14E-01	81111177	81111300	NC_000004.11

cg14874750	8.93E-20	1.42E-21	1.08E+01	38.1660796	3.05E-01	101006063	101006186	NC_000007.13
cg09686443	8.96E-20	1.42E-21	1.08E+01	38.163237	2.40E-01	126113658	126113781	NC_000003.11
cg20629316	8.96E-20	1.43E-21	1.08E+01	38.163052	2.44E-01	64413782	64413905	NC_000001.10
cg06178310	8.97E-20	1.43E-21	1.08E+01	38.1613182	5.41E-02	190105653	190105776	NC_000003.11
cg05749855	8.97E-20	1.43E-21	1.08E+01	38.1607649	2.21E-01	89472771	89472894	NC_000016.9
cg02187214	8.97E-20	1.43E-21	1.08E+01	38.1606774	1.85E-01	86599468	86599591	NC_000016.9
cg06051411	9.06E-20	1.44E-21	1.08E+01	38.1516336	2.06E-01	73044991	73045114	NC_000017.10
cg14667871	9.11E-20	1.45E-21	1.08E+01	38.1452436	2.54E-01	15500833	15500956	NC_000005.9
cg11847933	9.12E-20	1.45E-21	1.08E+01	38.1436046	1.60E-01	227130394	227130517	NC_000001.10
cg03209854	9.15E-20	1.46E-21	1.08E+01	38.140256	2.36E-01	5140003	5140126	NC_000005.9
cg05030680	9.16E-20	1.46E-21	1.08E+01	38.1394659	2.63E-01	111542366	111542489	NC_000004.11
cg16508028	9.17E-20	1.46E-21	1.08E+01	38.1380837	1.60E-01	145678763	145678886	NC_000008.10
cg00761700	9.19E-20	1.47E-21	1.08E+01	38.1349957	1.63E-01	95727673	95727796	NC_000014.8
cg22686881	9.25E-20	1.48E-21	1.08E+01	38.1288077	1.79E-01	170737255	170737378	NC_000005.9
cg08167286	9.25E-20	1.48E-21	1.08E+01	38.1284095	8.58E-02	31779529	31779652	NC_000006.11
cg17436134	9.25E-20	1.48E-21	1.08E+01	38.1280607	2.68E-01	119536288	119536411	NC_000001.10
cg03413355	9.30E-20	1.48E-21	1.08E+01	38.1232367	1.50E-01	56537579	56537702	NC_000015.9
cg19443257	9.31E-20	1.49E-21	1.08E+01	38.1214364	3.23E-01	140770549	140770672	NC_000003.11
cg16787600	9.45E-20	1.51E-21	1.08E+01	38.1062559	3.17E-01	106400880	106401003	NC_000010.10
cg23356505	9.49E-20	1.52E-21	1.08E+01	38.1014387	9.84E-02	144613012	144613135	NC_000006.11
cg00379720	9.51E-20	1.52E-21	1.08E+01	38.0989523	2.27E-01	23185968	23186091	NC_000019.9
cg03929977	9.60E-20	1.54E-21	1.08E+01	38.0893436	2.57E-01	5019017	5019140	NC_000012.11
cg22791678	9.60E-20	1.54E-21	1.08E+01	38.0887516	1.99E-01	41552580	41552703	NC_000006.11
cg25762262	9.62E-20	1.54E-21	1.08E+01	38.0869783	1.18E-01	194056482	194056605	NC_000003.11
cg23208176	9.67E-20	1.55E-21	1.08E+01	38.0809474	2.82E-01	1876168	1876291	NC_000005.9

cg01259220	9.72E-20	1.56E-21	1.08E+01	38.0764036	1.61E-01	914964	915087	NC_000007.13
cg17040483	9.84E-20	1.58E-21	1.08E+01	38.0624994	1.92E-01	131221478	131221601	NC_000007.13
cg06162185	9.88E-20	1.58E-21	1.08E+01	38.0589121	1.70E-01	8546551	8546674	NC_000010.10
cg12727138	9.97E-20	1.60E-21	1.08E+01	38.0495674	1.88E-01	162102947	162103070	NC_000002.11
cg23901592	9.97E-20	1.60E-21	1.08E+01	38.0491049	1.97E-01	90126322	90126445	NC_000014.8
cg26931862	9.98E-20	1.60E-21	1.08E+01	38.0478912	1.95E-01	54349169	54349292	NC_000012.11
cg18063733	1.00E-19	1.61E-21	1.08E+01	38.0441902	2.92E-01	50265443	50265566	NC_000005.9
cg03385262	1.00E-19	1.61E-21	1.08E+01	38.0419661	1.17E-01	128890086	128890209	NC_000004.11
cg25684999	1.00E-19	1.61E-21	1.08E+01	38.0405035	2.55E-01	23480803	23480926	NC_000010.10
cg20333001	1.01E-19	1.63E-21	1.08E+01	38.0306507	1.62E-01	242212896	242213019	NC_000002.11
cg21647227	1.02E-19	1.64E-21	1.08E+01	38.0266167	2.22E-01	119527111	119527234	NC_000001.10
cg17789809	1.03E-19	1.66E-21	1.08E+01	38.0094326	2.00E-01	181343322	181343445	NC_000003.11
cg00688802	1.04E-19	1.66E-21	1.08E+01	38.008849	1.18E-01	227861715	227861838	NC_000002.11
cg15652169	1.04E-19	1.67E-21	1.08E+01	38.0056447	1.05E-01	141864511	141864634	NC_000005.9
cg27017251	1.05E-19	1.68E-21	1.08E+01	37.9979156	1.24E-01	22334553	22334676	NC_000022.10
cg02703822	1.07E-19	1.72E-21	1.08E+01	37.9780899	1.54E-01	81680007	81680130	NC_000008.10
cg00818229	1.07E-19	1.73E-21	1.08E+01	37.9729622	8.12E-02	40815902	40816025	NC_000022.10
cg12072376	1.08E-19	1.73E-21	1.08E+01	37.9684139	1.17E-01	76000521	76000644	NC_000017.10
cg11643022	1.08E-19	1.74E-21	1.08E+01	37.9627897	4.69E-02	141589945	141590068	NC_000005.9
cg14282050	1.09E-19	1.76E-21	1.08E+01	37.9546738	1.74E-01	20353615	20353738	NC_000009.11
cg27595860	1.10E-19	1.77E-21	1.08E+01	37.9466685	1.98E-01	145557636	145557759	NC_000008.10
cg01440556	1.10E-19	1.77E-21	1.08E+01	37.9460293	1.12E-01	242165309	242165432	NC_000002.11
cg13637871	1.10E-19	1.78E-21	1.08E+01	37.9423131	1.60E-01	130924728	130924851	NC_000009.11
cg23883696	1.13E-19	1.82E-21	1.07E+01	37.9213341	2.12E-01	70534298	70534421	NC_000018.9
cg02432280	1.13E-19	1.83E-21	1.07E+01	37.9147954	3.09E-01	152622368	152622491	NC_000007.13



cg10373086	1.14E-19	1.84E-21	1.07E+01	37.9083605	1.85E-01	111544286	111544409	NC_000004.11
cg07169046	1.14E-19	1.84E-21	1.07E+01	37.9071136	1.42E-01	39120381	39120504	NC_000015.9
cg01603847	1.14E-19	1.85E-21	1.07E+01	37.9057069	2.96E-01	6449461	6449584	NC_000005.9
cg22586653	1.14E-19	1.85E-21	1.07E+01	37.9043098	2.44E-01	115136098	115136221	NC_000012.11
cg04428163	1.15E-19	1.87E-21	1.07E+01	37.8951153	1.51E-01	1294021	1294144	NC_000020.10
cg23736843	1.15E-19	1.87E-21	1.07E+01	37.8948749	2.75E-01	113541915	113542038	NC_000012.11
cg26015019	1.16E-19	1.87E-21	1.07E+01	37.8920082	1.25E-01	11631138	11631261	NC_000003.11
cg00800512	1.16E-19	1.88E-21	1.07E+01	37.8875244	2.49E-01	58095518	58095641	NC_000019.9
cg01869554	1.16E-19	1.88E-21	1.07E+01	37.8862291	1.18E-01	90772557	90772680	NC_000015.9
cg24129977	1.17E-19	1.89E-21	1.07E+01	37.8807923	2.57E-01	1748872	1748995	NC_000002.11
cg06246941	1.18E-19	1.92E-21	1.07E+01	37.8688753	2.00E-01	45671708	45671831	NC_000015.9
cg26687072	1.19E-19	1.93E-21	1.07E+01	37.8618449	1.86E-01	46608345	46608468	NC_000017.10
cg02587316	1.19E-19	1.93E-21	1.07E+01	37.860338	3.10E-01	37096321	37096444	NC_000019.9
cg04577162	1.21E-19	1.96E-21	1.07E+01	37.8484036	1.81E-01	73667397	73667520	NC_000007.13
cg12824796	1.21E-19	1.96E-21	1.07E+01	37.8457841	2.84E-01	131768928	131769051	NC_000010.10
cg04276723	1.21E-19	1.97E-21	1.07E+01	37.8442356	2.10E-01	38670597	38670720	NC_000007.13
cg07187971	1.22E-19	1.98E-21	1.07E+01	37.8375765	1.54E-01	60481018	60481141	NC_000018.9
cg27009703	1.23E-19	2.00E-21	1.07E+01	37.8258969	1.52E-01	27204894	27205017	NC_000007.13
cg08295111	1.23E-19	2.00E-21	1.07E+01	37.8254969	1.58E-01	133866097	133866220	NC_000005.9
cg04389897	1.23E-19	2.01E-21	1.07E+01	37.8236199	3.22E-01	10398601	10398724	NC_000006.11
cg19094872	1.24E-19	2.02E-21	1.07E+01	37.8170574	1.66E-01	242065898	242066021	NC_000002.11
cg04923773	1.24E-19	2.02E-21	1.07E+01	37.8158214	7.58E-02	96161502	96161625	NC_000012.11
cg09618102	1.25E-19	2.03E-21	1.07E+01	37.8103899	2.69E-01	1747364	1747487	NC_000002.11
cg14023291	1.25E-19	2.03E-21	1.07E+01	37.8097166	1.68E-01	124615180	124615303	NC_000009.11
cg24334259	1.26E-19	2.04E-21	1.07E+01	37.8053365	1.01E-01	138311416	138311539	NC_000003.11

cg23007540	1.26E-19	2.06E-21	1.07E+01	37.7992377	1.71E-01	142179688	142179811	NC_000008.10
cg14730445	1.26E-19	2.06E-21	1.07E+01	37.7989128	2.55E-01	101603581	101603704	NC_000012.11
cg17575394	1.27E-19	2.06E-21	1.07E+01	37.7955201	1.12E-01	49248930	49249053	NC_000012.11
cg07780543	1.27E-19	2.07E-21	1.07E+01	37.7932457	2.30E-01	22094750	22094873	NC_000012.11
cg17007640	1.27E-19	2.07E-21	1.07E+01	37.7930154	1.95E-01	29243504	29243627	NC_000014.8
cg09647110	1.27E-19	2.07E-21	1.07E+01	37.7908967	1.55E-01	44772303	44772426	NC_000002.11
cg27254482	1.27E-19	2.08E-21	1.07E+01	37.7894295	2.26E-01	34398085	34398208	NC_000021.8
cg22466784	1.28E-19	2.09E-21	1.07E+01	37.7825957	1.21E-01	540176	540299	NC_000007.13
cg01405040	1.29E-19	2.10E-21	1.07E+01	37.7767368	2.56E-01	176964137	176964260	NC_000002.11
cg06870213	1.29E-19	2.11E-21	1.07E+01	37.7759751	2.06E-01	55444335	55444458	NC_000006.11
cg02799090	1.29E-19	2.11E-21	1.07E+01	37.7734497	1.54E-01	130508166	130508289	NC_000010.10
cg15817769	1.29E-19	2.11E-21	1.07E+01	37.7731228	2.03E-01	230272542	230272665	NC_000001.10
cg12159995	1.30E-19	2.11E-21	1.07E+01	37.7719736	1.79E-01	70398671	70398794	NC_000011.9
cg06746009	1.30E-19	2.13E-21	1.07E+01	37.7659315	2.05E-01	101896452	101896575	NC_000007.13
cg06496010	1.31E-19	2.13E-21	1.07E+01	37.7635396	1.18E-01	97201196	97201319	NC_000002.11
cg24727311	1.31E-19	2.14E-21	1.07E+01	37.7607472	2.76E-01	13424269	13424392	NC_000008.10
cg17526573	1.31E-19	2.14E-21	1.07E+01	37.7599909	3.10E-01	50574708	50574831	NC_000002.11
cg01532168	1.31E-19	2.14E-21	1.07E+01	37.7598141	2.47E-01	140715557	140715680	NC_000008.10
cg02347074	1.31E-19	2.15E-21	1.07E+01	37.7548995	1.98E-01	223155925	223156048	NC_000002.11
cg02812891	1.34E-19	2.19E-21	1.07E+01	37.7368198	1.52E-01	233251773	233251896	NC_000002.11
cg22724228	1.34E-19	2.20E-21	1.07E+01	37.7320043	1.14E-01	154826964	154827087	NC_000006.11
cg21517947	1.34E-19	2.20E-21	1.07E+01	37.7317333	2.93E-01	41167107	41167230	NC_000008.10
cg11539055	1.35E-19	2.21E-21	1.07E+01	37.7289339	1.07E-01	80886264	80886387	NC_000004.11
cg05375744	1.35E-19	2.21E-21	1.07E+01	37.7273791	1.36E-01	54634871	54634994	NC_000019.9
cg03063639	1.36E-19	2.22E-21	1.07E+01	37.7222922	3.36E-01	83776422	83776545	NC_000015.9

cg18324707	1.36E-19	2.23E-21	1.07E+01	37.7191574	2.57E-01	137531801	137531924	NC_000007.13
cg09897064	1.38E-19	2.26E-21	1.07E+01	37.7051206	1.02E-01	56188065	56188188	NC_000020.10
cg16144331	1.38E-19	2.27E-21	1.07E+01	37.7031788	1.19E-01	142251375	142251498	NC_000008.10
cg09051560	1.40E-19	2.29E-21	1.07E+01	37.6916925	6.61E-02	35118158	35118281	NC_000006.11
cg23003783	1.41E-19	2.32E-21	1.07E+01	37.6803994	2.13E-01	178422071	178422194	NC_000005.9
cg17663418	1.41E-19	2.32E-21	1.07E+01	37.679628	1.90E-01	184013877	184014000	NC_000003.11
cg07704235	1.46E-19	2.40E-21	1.07E+01	37.6461857	9.32E-02	46501202	46501325	NC_000018.9
cg00282426	1.46E-19	2.41E-21	1.07E+01	37.6435141	1.87E-01	136843224	136843347	NC_000009.11
cg17353412	1.46E-19	2.41E-21	1.07E+01	37.6413312	1.94E-01	27141774	27141897	NC_000007.13
cg17499719	1.47E-19	2.41E-21	1.07E+01	37.6401947	1.32E-01	17588410	17588533	NC_000020.10
cg05446629	1.47E-19	2.43E-21	1.07E+01	37.635232	2.88E-01	134281742	134281865	NC_000011.9
cg18767920	1.47E-19	2.43E-21	1.07E+01	37.6340064	1.49E-01	33048493	33048616	NC_000018.9
cg21097881	1.48E-19	2.43E-21	1.07E+01	37.6319767	3.31E-01	24323939	24324062	NC_000007.13
cg02596427	1.48E-19	2.44E-21	1.07E+01	37.6298087	9.42E-02	47295058	47295181	NC_000002.11
cg23663774	1.49E-19	2.45E-21	1.07E+01	37.6245354	3.11E-01	111555440	111555563	NC_000004.11
cg12001304	1.50E-19	2.48E-21	1.07E+01	37.6152871	2.94E-01	229045020	229045143	NC_000002.11
cg19826115	1.52E-19	2.50E-21	1.07E+01	37.6043037	8.37E-02	143673332	143673455	NC_000002.11
cg10550245	1.52E-19	2.51E-21	1.07E+01	37.6017576	1.58E-01	48141749	48141872	NC_000007.13
cg06159352	1.52E-19	2.52E-21	1.07E+01	37.5983032	3.53E-01	37487613	37487736	NC_000007.13
cg00562553	1.53E-19	2.52E-21	1.07E+01	37.5959166	1.81E-01	27169740	27169863	NC_000007.13
cg20672930	1.53E-19	2.53E-21	1.07E+01	37.5923363	1.39E-01	259396	259519	NC_000012.11
cg19054524	1.53E-19	2.53E-21	1.07E+01	37.5919758	2.47E-01	21686273	21686396	NC_000020.10
cg23783862	1.54E-19	2.55E-21	1.07E+01	37.5855972	1.58E-01	82658145	82658268	NC_000008.10
cg21548038	1.54E-19	2.55E-21	1.07E+01	37.5849706	5.03E-02	50517157	50517280	NC_000014.8
cg11251614	1.54E-19	2.55E-21	1.07E+01	37.5849301	1.03E-01	36839846	36839969	NC_000006.11

cg24061141	1.55E-19	2.56E-21	1.07E+01	37.5832225	2.44E-01	35293869	35293992	NC_000007.13
cg25001102	1.56E-19	2.57E-21	1.07E+01	37.5763654	2.20E-01	221068935	221069058	NC_000001.10
cg03335246	1.56E-19	2.58E-21	1.07E+01	37.57379	1.90E-01	4860431	4860554	NC_000004.11
cg27050153	1.56E-19	2.59E-21	1.07E+01	37.5695537	1.95E-01	102030110	102030233	NC_000014.8
cg13173552	1.57E-19	2.61E-21	1.07E+01	37.5642237	1.44E-01	16091599	16091722	NC_000001.10
cg14317001	1.58E-19	2.61E-21	1.07E+01	37.5621995	6.44E-02	144462776	144462899	NC_000008.10
cg02500960	1.58E-19	2.62E-21	1.07E+01	37.5580743	1.40E-01	8122233	8122356	NC_000004.11
cg17498296	1.58E-19	2.62E-21	1.07E+01	37.5575418	3.12E-01	124907540	124907663	NC_000010.10
cg05874561	1.58E-19	2.63E-21	1.07E+01	37.5565563	3.05E-01	154709828	154709951	NC_000004.11
cg13085403	1.59E-19	2.63E-21	1.07E+01	37.5545893	1.97E-01	232901128	232901251	NC_000001.10
cg10799492	1.61E-19	2.67E-21	1.07E+01	37.5398714	9.01E-02	42591850	42591973	NC_000008.10
cg02675546	1.61E-19	2.68E-21	1.07E+01	37.5365333	1.60E-01	29292730	29292853	NC_000008.10
cg02383130	1.62E-19	2.68E-21	1.07E+01	37.534831	3.02E-01	38670957	38671080	NC_000007.13
cg02197303	1.62E-19	2.68E-21	1.07E+01	37.5346244	1.43E-01	3240621	3240744	NC_000004.11
cg22846776	1.62E-19	2.69E-21	1.07E+01	37.5331483	1.72E-01	2324861	2324984	NC_000017.10
cg06597095	1.63E-19	2.70E-21	1.07E+01	37.5281722	1.44E-01	43480361	43480484	NC_000005.9
cg12627299	1.63E-19	2.72E-21	1.07E+01	37.5228558	1.32E-01	66444235	66444358	NC_000011.9
cg18275316	1.64E-19	2.74E-21	1.07E+01	37.5158107	1.89E-01	3607063	3607186	NC_000005.9
cg04430996	1.65E-19	2.75E-21	1.07E+01	37.510573	7.45E-02	591437	591560	NC_000016.9
cg13694927	1.65E-19	2.75E-21	1.07E+01	37.5105318	1.80E-01	27184712	27184835	NC_000007.13
cg02809746	1.65E-19	2.75E-21	1.07E+01	37.5101223	2.48E-01	49312033	49312156	NC_000016.9
cg03112087	1.65E-19	2.75E-21	1.07E+01	37.5100645	3.23E-01	142053720	142053843	NC_000004.11
cg20826024	1.66E-19	2.76E-21	1.07E+01	37.5079341	1.08E-01	31529154	31529277	NC_000006.11
cg09797337	1.66E-19	2.76E-21	1.07E+01	37.507259	2.19E-01	112709538	112709661	NC_000013.10
cg00845900	1.68E-19	2.80E-21	1.07E+01	37.4945318	1.50E-01	129931729	129931852	NC_000007.13

cg19505136	1.68E-19	2.80E-21	1.07E+01	37.4943592	2.50E-01	239506	239629	NC_000003.11
cg11183632	1.68E-19	2.81E-21	1.07E+01	37.4906092	2.68E-01	21503152	21503275	NC_000020.10
cg19304150	1.69E-19	2.83E-21	1.07E+01	37.48297	2.28E-01	114696350	114696473	NC_000001.10
cg24401026	1.69E-19	2.83E-21	1.07E+01	37.4823289	1.47E-01	136732287	136732410	NC_000006.11
cg19777853	1.70E-19	2.85E-21	1.07E+01	37.477015	8.43E-02	26643109	26643232	NC_000001.10
cg14938313	1.71E-19	2.85E-21	1.07E+01	37.4742746	9.66E-02	70028676	70028799	NC_000011.9
cg03146949	1.71E-19	2.86E-21	1.07E+01	37.470843	2.92E-01	56879662	56879785	NC_000019.9
cg21610839	1.72E-19	2.88E-21	1.07E+01	37.4665949	1.63E-01	23861312	23861435	NC_000003.11
cg25339566	1.72E-19	2.88E-21	1.07E+01	37.4655001	2.56E-01	67218165	67218288	NC_000001.10
cg01693830	1.73E-19	2.89E-21	1.07E+01	37.462072	1.48E-01	127790462	127790585	NC_000003.11
cg16850173	1.73E-19	2.90E-21	1.07E+01	37.457472	2.75E-01	140033611	140033734	NC_000009.11
cg11626496	1.74E-19	2.91E-21	1.07E+01	37.4552597	2.31E-01	25320388	25320511	NC_000013.10
cg15603568	1.74E-19	2.92E-21	1.07E+01	37.4518868	3.25E-01	105481283	105481406	NC_000011.9
cg01243371	1.75E-19	2.92E-21	1.07E+01	37.4503069	2.20E-01	86547386	86547509	NC_000016.9
cg08594218	1.76E-19	2.94E-21	1.07E+01	37.4449798	2.96E-01	46803008	46803131	NC_000017.10
cg18105665	1.77E-19	2.97E-21	1.07E+01	37.4353026	1.84E-01	93257417	93257540	NC_000014.8
cg04865659	1.77E-19	2.97E-21	1.07E+01	37.4352196	1.08E-01	90771840	90771963	NC_000015.9
cg17713613	1.77E-19	2.97E-21	1.07E+01	37.4339527	1.93E-01	21541765	21541888	NC_000019.9
cg05686497	1.78E-19	2.98E-21	1.07E+01	37.4309371	2.63E-01	127874587	127874710	NC_000005.9
cg02276973	1.79E-19	3.00E-21	1.07E+01	37.4239274	1.20E-01	90610486	90610609	NC_000015.9
cg13092806	1.82E-19	3.05E-21	1.07E+01	37.4095555	3.11E-01	177043255	177043378	NC_000002.11
cg13555335	1.82E-19	3.05E-21	1.07E+01	37.4091362	5.62E-02	140583757	140583880	NC_000009.11
cg27655671	1.82E-19	3.05E-21	1.07E+01	37.4074578	1.59E-01	38207741	38207864	NC_000006.11
cg08430009	1.82E-19	3.06E-21	1.07E+01	37.405251	2.95E-01	19138124	19138247	NC_000022.10
cg11334771	1.83E-19	3.06E-21	1.07E+01	37.4039386	2.63E-01	71955337	71955460	NC_000011.9

cg16509851	1.83E-19	3.06E-21	1.07E+01	37.4033106	2.14E-01	174430614	174430737	NC_000004.11
cg00073837	1.83E-19	3.07E-21	1.07E+01	37.40241	2.16E-01	223177008	223177131	NC_000002.11
cg00608779	1.83E-19	3.07E-21	1.07E+01	37.4015797	1.31E-01	132436490	132436613	NC_000009.11
cg21231400	1.83E-19	3.07E-21	1.07E+01	37.400808	2.23E-01	155108085	155108208	NC_000005.9
cg25522738	1.83E-19	3.08E-21	1.07E+01	37.3980939	1.68E-01	2416486	2416609	NC_000007.13
cg26814650	1.84E-19	3.09E-21	1.07E+01	37.3965171	1.47E-01	1269399	1269522	NC_000001.10
cg11662315	1.84E-19	3.10E-21	1.07E+01	37.3934274	5.46E-02	43717310	43717433	NC_000021.8
cg09825670	1.85E-19	3.10E-21	1.07E+01	37.3906917	1.50E-01	1611999	1612122	NC_000001.10
cg20195319	1.87E-19	3.14E-21	1.07E+01	37.3794212	8.96E-02	47568297	47568420	NC_000007.13
cg15549927	1.87E-19	3.15E-21	1.07E+01	37.3761384	1.73E-01	153749756	153749879	NC_000007.13
cg27165867	1.87E-19	3.15E-21	1.07E+01	37.3750912	6.08E-02	105738592	105738715	NC_000014.8
cg04254769	1.91E-19	3.21E-21	1.07E+01	37.357464	1.60E-01	141674673	141674796	NC_000005.9
cg10187707	1.91E-19	3.22E-21	1.07E+01	37.3553754	8.00E-02	49626842	49626965	NC_000020.10
cg27260772	1.91E-19	3.22E-21	1.07E+01	37.3529624	3.13E-01	50791202	50791325	NC_000006.11
cg26423824	1.92E-19	3.25E-21	1.07E+01	37.3463149	9.93E-02	25898825	25898948	NC_000017.10
cg12646649	1.93E-19	3.26E-21	1.07E+01	37.3408	2.83E-01	102987257	102987380	NC_000010.10
cg25923609	1.96E-19	3.31E-21	1.07E+01	37.3279999	2.92E-01	3607092	3607215	NC_000005.9
cg22294804	1.96E-19	3.31E-21	1.07E+01	37.3254984	1.05E-01	26484149	26484272	NC_000008.10
cg24219974	1.98E-19	3.36E-21	1.07E+01	37.3135354	1.66E-01	14729722	14729845	NC_000006.11
cg09013789	2.00E-19	3.38E-21	1.07E+01	37.3053243	8.04E-02	138776683	138776806	NC_000007.13
cg24637364	2.02E-19	3.42E-21	1.07E+01	37.2952666	2.62E-01	66259084	66259207	NC_000001.10
cg02215776	2.02E-19	3.43E-21	1.07E+01	37.2918667	1.05E-01	3116792	3116915	NC_000010.10
cg26549595	2.04E-19	3.45E-21	1.07E+01	37.2857757	1.58E-01	145048235	145048358	NC_000008.10
cg13251292	2.06E-19	3.50E-21	1.07E+01	37.2724216	1.21E-01	94790112	94790235	NC_000014.8
cg15880211	2.06E-19	3.50E-21	1.07E+01	37.2720764	1.64E-01	50250494	50250617	NC_000022.10

cg11073558	2.06E-19	3.50E-21	1.07E+01	37.2706512	2.46E-01	97171901	97172024	NC_000008.10
cg13615983	2.06E-19	3.50E-21	1.07E+01	37.2705906	1.27E-01	139746152	139746275	NC_000009.11
cg01561200	2.07E-19	3.52E-21	1.07E+01	37.2655134	1.43E-01	93176520	93176643	NC_000001.10
cg20302957	2.09E-19	3.55E-21	1.06E+01	37.2580576	1.02E-01	58870494	58870617	NC_000011.9
cg24248680	2.10E-19	3.56E-21	1.06E+01	37.2538355	1.75E-01	124610364	124610487	NC_000010.10
cg27058882	2.12E-19	3.60E-21	1.06E+01	37.2449999	1.30E-01	27187966	27188089	NC_000017.10
cg17647091	2.12E-19	3.60E-21	1.06E+01	37.2429313	1.46E-01	54474036	54474159	NC_000012.11
cg10538440	2.13E-19	3.63E-21	1.06E+01	37.2354393	1.31E-01	38117682	38117805	NC_000021.8
cg15711902	2.14E-19	3.63E-21	1.06E+01	37.2346327	3.01E-01	170630457	170630580	NC_000001.10
cg06659727	2.14E-19	3.64E-21	1.06E+01	37.2330144	2.08E-01	110959428	110959551	NC_000013.10
cg01845451	2.14E-19	3.65E-21	1.06E+01	37.2305519	1.47E-01	67805250	67805373	NC_000011.9
cg19064258	2.15E-19	3.66E-21	1.06E+01	37.2280921	2.32E-01	22826117	22826240	NC_000016.9
cg24239808	2.15E-19	3.66E-21	1.06E+01	37.2278287	6.71E-02	15641908	15642031	NC_000003.11
cg24053163	2.15E-19	3.66E-21	1.06E+01	37.2264285	1.83E-01	92503425	92503548	NC_000014.8
cg19098763	2.16E-19	3.68E-21	1.06E+01	37.2213253	2.80E-01	50513661	50513784	NC_000001.10
cg00955686	2.17E-19	3.69E-21	1.06E+01	37.2191448	5.79E-02	36620450	36620573	NC_000001.10
cg08189989	2.17E-19	3.70E-21	1.06E+01	37.2166785	2.83E-01	105459164	105459287	NC_000002.11
cg14848450	2.18E-19	3.71E-21	1.06E+01	37.2148022	2.28E-01	28590760	28590883	NC_000010.10
cg14987002	2.18E-19	3.72E-21	1.06E+01	37.2119151	9.03E-02	151496830	151496953	NC_000004.11
cg19379102	2.18E-19	3.72E-21	1.06E+01	37.2103701	1.09E-01	37576698	37576821	NC_000022.10
cg01009664	2.19E-19	3.73E-21	1.06E+01	37.2096028	2.79E-01	129693613	129693736	NC_000003.11
cg27219961	2.19E-19	3.74E-21	1.06E+01	37.2070511	8.04E-02	1692107	1692230	NC_000008.10
cg09236176	2.19E-19	3.74E-21	1.06E+01	37.2066853	2.89E-01	77179455	77179578	NC_000017.10
cg16707405	2.20E-19	3.75E-21	1.06E+01	37.2040623	2.65E-01	115152413	115152536	NC_000005.9
cg15885337	2.20E-19	3.75E-21	1.06E+01	37.2031709	2.81E-01	132813819	132813942	NC_000011.9

cg04228709	2.21E-19	3.76E-21	1.06E+01	37.1995486	1.35E-01	155537930	155538053	NC_000006.11
cg11965370	2.22E-19	3.78E-21	1.06E+01	37.194188	2.35E-01	131780946	131781069	NC_000011.9
cg02572033	2.23E-19	3.81E-21	1.06E+01	37.1871075	1.60E-01	217444	217567	NC_000017.10
cg15073906	2.24E-19	3.83E-21	1.06E+01	37.1814831	2.26E-01	178887722	178887845	NC_000001.10
cg22961814	2.26E-19	3.86E-21	1.06E+01	37.1747076	9.95E-02	112670508	112670631	NC_000010.10
cg06306260	2.26E-19	3.87E-21	1.06E+01	37.1732074	1.75E-01	99330962	99331085	NC_000007.13
cg02279670	2.31E-19	3.94E-21	1.06E+01	37.1530771	3.09E-01	79177195	79177318	NC_000013.10
cg17391741	2.31E-19	3.95E-21	1.06E+01	37.1515938	1.69E-01	141071381	141071504	NC_000005.9
cg12355110	2.31E-19	3.96E-21	1.06E+01	37.150367	1.96E-01	57617754	57617877	NC_000019.9
cg21516162	2.31E-19	3.96E-21	1.06E+01	37.1491001	1.97E-01	2953889	2954012	NC_000007.13
cg10185489	2.32E-19	3.98E-21	1.06E+01	37.1448248	9.48E-02	31079555	31079678	NC_000006.11
cg21660452	2.35E-19	4.02E-21	1.06E+01	37.134404	1.80E-01	64397807	64397930	NC_000011.9
cg12306195	2.35E-19	4.02E-21	1.06E+01	37.1333978	2.12E-01	5892350	5892473	NC_000004.11
cg16767801	2.35E-19	4.02E-21	1.06E+01	37.1329694	2.40E-01	21686548	21686671	NC_000020.10
cg20148389	2.35E-19	4.03E-21	1.06E+01	37.1310747	5.60E-02	41053543	41053666	NC_000013.10
cg14477205	2.36E-19	4.04E-21	1.06E+01	37.1281108	1.39E-01	20817076	20817199	NC_000001.10
cg05923687	2.41E-19	4.14E-21	1.06E+01	37.1047095	2.30E-01	63795711	63795834	NC_000001.10
cg19350360	2.43E-19	4.17E-21	1.06E+01	37.0967872	2.21E-01	100913948	100914071	NC_000015.9
cg09997532	2.43E-19	4.17E-21	1.06E+01	37.0966808	7.33E-02	11403999	11404122	NC_000004.11
cg14024321	2.43E-19	4.18E-21	1.06E+01	37.0954886	8.95E-02	95286432	95286555	NC_000009.11
cg23876072	2.43E-19	4.18E-21	1.06E+01	37.0944944	1.35E-01	69931921	69932044	NC_000011.9
cg14784253	2.46E-19	4.23E-21	1.06E+01	37.084473	1.34E-01	30473983	30474106	NC_000007.13
cg07198552	2.46E-19	4.24E-21	1.06E+01	37.0820669	2.30E-01	59828977	59829100	NC_000020.10
cg01419831	2.47E-19	4.25E-21	1.06E+01	37.0800647	3.10E-01	162283705	162283828	NC_000002.11
cg10681992	2.47E-19	4.25E-21	1.06E+01	37.0788125	1.01E-01	6964527	6964650	NC_000004.11



cg25144207	2.47E-19	4.26E-21	1.06E+01	37.0767874	1.73E-01	4864302	4864425	NC_000004.11
cg01615424	2.49E-19	4.29E-21	1.06E+01	37.0707631	2.48E-01	32639059	32639182	NC_000015.9
cg01718742	2.50E-19	4.31E-21	1.06E+01	37.0649158	2.27E-01	62070184	62070307	NC_000016.9
cg07645809	2.55E-19	4.39E-21	1.06E+01	37.0469483	7.21E-02	168677970	168678093	NC_000006.11
cg25575937	2.55E-19	4.40E-21	1.06E+01	37.0437025	1.59E-01	48414383	48414506	NC_000003.11
cg08053523	2.56E-19	4.41E-21	1.06E+01	37.0419432	1.25E-01	220026863	220026986	NC_000002.11
cg08629895	2.57E-19	4.44E-21	1.06E+01	37.0356357	1.34E-01	41787856	41787979	NC_000017.10
cg04433909	2.58E-19	4.45E-21	1.06E+01	37.0339452	1.06E-01	38368572	38368695	NC_000015.9
cg16656078	2.62E-19	4.53E-21	1.06E+01	37.0147653	1.85E-01	95278638	95278761	NC_000005.9
cg01246835	2.63E-19	4.55E-21	1.06E+01	37.0106904	2.27E-01	6703708	6703831	NC_000007.13
cg08091192	2.64E-19	4.56E-21	1.06E+01	37.008695	2.50E-01	147114986	147115109	NC_000003.11
cg05667838	2.64E-19	4.57E-21	1.06E+01	37.0079336	8.85E-02	31015282	31015405	NC_000007.13
cg26809635	2.66E-19	4.61E-21	1.06E+01	36.9989652	3.47E-01	54355087	54355210	NC_000012.11
cg26460092	2.69E-19	4.66E-21	1.06E+01	36.9874041	3.34E-01	83776420	83776543	NC_000015.9
cg03966669	2.69E-19	4.67E-21	1.06E+01	36.9865163	1.56E-01	4763799	4763922	NC_000016.9
cg25203481	2.70E-19	4.67E-21	1.06E+01	36.9860948	1.78E-01	2891082	2891205	NC_000011.9
cg01184975	2.70E-19	4.68E-21	1.06E+01	36.9840161	2.77E-01	114852091	114852214	NC_000012.11
cg15827843	2.70E-19	4.68E-21	1.06E+01	36.9829581	1.66E-01	1123765	1123888	NC_000005.9
cg17117243	2.71E-19	4.70E-21	1.06E+01	36.9795198	1.36E-01	109341365	109341488	NC_000006.11
cg11014373	2.76E-19	4.79E-21	1.06E+01	36.961117	3.12E-01	105479054	105479177	NC_000002.11
cg14043816	2.78E-19	4.83E-21	1.06E+01	36.9528781	1.60E-01	229166684	229166807	NC_000001.10
cg21385480	2.79E-19	4.84E-21	1.06E+01	36.9499397	1.76E-01	66454763	66454886	NC_000003.11
cg24202221	2.79E-19	4.85E-21	1.06E+01	36.9488858	1.33E-01	38694132	38694255	NC_000002.11
cg21681320	2.80E-19	4.86E-21	1.06E+01	36.9455662	1.80E-01	3011044	3011167	NC_000001.10
cg05311626	2.83E-19	4.93E-21	1.06E+01	36.9327637	1.17E-01	1320114	1320237	NC_000011.9

cg00473624	2.85E-19	4.96E-21	1.06E+01	36.9251811	2.34E-01	62139710	62139833	NC_000011.9
cg07914084	2.86E-19	4.97E-21	1.06E+01	36.9228631	3.23E-01	237205999	237206122	NC_000001.10
cg15841063	2.87E-19	5.00E-21	1.06E+01	36.9183045	2.56E-01	63789500	63789623	NC_000001.10
cg09268125	2.92E-19	5.08E-21	1.06E+01	36.901718	1.45E-01	67695975	67696098	NC_000016.9
cg24561661	2.93E-19	5.11E-21	1.06E+01	36.8971021	2.59E-01	176972812	176972935	NC_000002.11
cg10689404	2.94E-19	5.12E-21	1.06E+01	36.8941696	1.82E-01	35300645	35300768	NC_000017.10
cg15045356	2.95E-19	5.14E-21	1.06E+01	36.8901734	8.65E-02	11969590	11969713	NC_000011.9
cg24923694	2.95E-19	5.15E-21	1.06E+01	36.8887231	1.99E-01	25905747	25905870	NC_000008.10
cg20981086	2.96E-19	5.15E-21	1.06E+01	36.8882985	2.34E-01	101923256	101923379	NC_000014.8
cg00324719	2.96E-19	5.15E-21	1.06E+01	36.8875302	1.36E-01	1155602	1155725	NC_000008.10
cg08862035	2.96E-19	5.16E-21	1.06E+01	36.8871634	2.49E-01	2617432	2617555	NC_000002.11
cg14904079	2.97E-19	5.18E-21	1.06E+01	36.8819925	1.48E-01	103514655	103514778	NC_000013.10
cg17611647	2.99E-19	5.22E-21	1.06E+01	36.8756836	1.07E-01	75260857	75260980	NC_000017.10
cg06392753	2.99E-19	5.22E-21	1.06E+01	36.8744374	2.43E-01	102783282	102783405	NC_000002.11
cg14345012	3.04E-19	5.30E-21	1.06E+01	36.8593134	1.47E-01	26189240	26189363	NC_000020.10
cg16759221	3.04E-19	5.31E-21	1.06E+01	36.858211	1.64E-01	45003025	45003148	NC_000017.10
cg07220650	3.05E-19	5.33E-21	1.06E+01	36.8546557	1.29E-01	2336575	2336698	NC_000001.10
cg15393937	3.10E-19	5.42E-21	1.06E+01	36.8375161	2.26E-01	2161383	2161506	NC_000011.9
cg13982529	3.11E-19	5.44E-21	1.06E+01	36.8339612	2.47E-01	87974398	87974521	NC_000005.9
cg14252519	3.16E-19	5.52E-21	1.06E+01	36.818936	3.24E-01	137533851	137533974	NC_000009.11
cg20546778	3.17E-19	5.55E-21	1.06E+01	36.8134643	2.13E-01	75263599	75263722	NC_000008.10
cg14470895	3.18E-19	5.56E-21	1.06E+01	36.8116146	2.68E-01	115152431	115152554	NC_000005.9
cg17787134	3.19E-19	5.59E-21	1.06E+01	36.8070613	2.67E-01	47073522	47073645	NC_000017.10
cg22562942	3.20E-19	5.61E-21	1.06E+01	36.8027316	1.87E-01	24772309	24772432	NC_000008.10
cg25506432	3.22E-19	5.65E-21	1.06E+01	36.7973179	1.61E-01	27184065	27184188	NC_000007.13

cg00182639	3.22E-19	5.66E-21	1.06E+01	36.7952782	1.74E-01	114841671	114841794	NC_000012.11
cg03354113	3.23E-19	5.66E-21	1.06E+01	36.7949132	3.34E-01	79396793	79396916	NC_000010.10
cg05152503	3.23E-19	5.67E-21	1.06E+01	36.7939055	1.43E-01	30407098	30407221	NC_000020.10
cg17194668	3.27E-19	5.74E-21	1.06E+01	36.7815678	1.48E-01	85186517	85186640	NC_000015.9
cg15122439	3.27E-19	5.74E-21	1.06E+01	36.7805347	2.30E-01	200469026	200469149	NC_000002.11
cg12377641	3.27E-19	5.76E-21	1.06E+01	36.7781595	1.50E-01	11868179	11868302	NC_000010.10
cg00252733	3.28E-19	5.76E-21	1.06E+01	36.7777779	7.59E-02	102727239	102727362	NC_000010.10
cg13293266	3.28E-19	5.77E-21	1.06E+01	36.7755532	8.94E-02	118591684	118591807	NC_000002.11
cg16940012	3.34E-19	5.87E-21	1.06E+01	36.758451	2.52E-01	174159564	174159687	NC_000005.9
cg12647587	3.37E-19	5.94E-21	1.06E+01	36.7474789	1.48E-01	96954252	96954375	NC_000010.10
cg02767771	3.40E-19	5.98E-21	1.06E+01	36.7401274	2.96E-01	135043492	135043615	NC_000010.10
cg14568830	3.40E-19	5.99E-21	1.06E+01	36.738309	2.29E-01	23463243	23463366	NC_000010.10
cg13803688	3.41E-19	6.01E-21	1.06E+01	36.7359275	1.70E-01	110610452	110610575	NC_000001.10
cg16630482	3.44E-19	6.06E-21	1.06E+01	36.7274287	2.79E-01	133657751	133657874	NC_000011.9
cg11834658	3.44E-19	6.06E-21	1.06E+01	36.7270112	1.44E-01	21611224	21611347	NC_000001.10
cg17192315	3.47E-19	6.12E-21	1.06E+01	36.7179924	1.13E-01	61375622	61375745	NC_000018.9
cg01262036	3.49E-19	6.16E-21	1.06E+01	36.7109489	7.06E-02	105513535	105513658	NC_000014.8
cg18630667	3.49E-19	6.16E-21	1.06E+01	36.7108012	3.07E-01	37096323	37096446	NC_000019.9
cg08612137	3.50E-19	6.18E-21	1.06E+01	36.708032	2.54E-01	42533206	42533329	NC_000007.13
cg10719970	3.52E-19	6.23E-21	1.06E+01	36.700325	1.63E-01	41529932	41530055	NC_000006.11
cg04326540	3.54E-19	6.25E-21	1.06E+01	36.6963551	1.53E-01	105747951	105748074	NC_000014.8
cg04415176	3.55E-19	6.27E-21	1.06E+01	36.6930799	2.57E-01	176957842	176957965	NC_000002.11
cg04022561	3.55E-19	6.28E-21	1.06E+01	36.6924207	2.29E-01	50673245	50673368	NC_000005.9
cg00806490	3.57E-19	6.31E-21	1.06E+01	36.6870491	2.27E-01	82660873	82660996	NC_000016.9
cg11878331	3.58E-19	6.34E-21	1.06E+01	36.6829814	2.65E-01	72469507	72469630	NC_000008.10

cg07849944	3.62E-19	6.41E-21	1.06E+01	36.6709868	2.46E-01	6623738	6623861	NC_000016.9
cg26332560	3.64E-19	6.44E-21	1.06E+01	36.6665789	2.23E-01	132052887	132053010	NC_000008.10
cg19045729	3.70E-19	6.55E-21	1.06E+01	36.6496776	1.02E-01	104252630	104252753	NC_000010.10
cg25677548	3.70E-19	6.57E-21	1.06E+01	36.6472234	8.25E-02	41247912	41248035	NC_000015.9
cg08143349	3.72E-19	6.60E-21	1.06E+01	36.6423195	1.16E-01	27180888	27181011	NC_000007.13
cg23758305	3.72E-19	6.61E-21	1.06E+01	36.6408353	2.51E-01	70982867	70982990	NC_000008.10
cg19689151	3.72E-19	6.61E-21	1.06E+01	36.6407493	1.66E-01	105778041	105778164	NC_000014.8
cg20019985	3.73E-19	6.62E-21	1.06E+01	36.6390737	1.85E-01	32008961	32009084	NC_000011.9
cg07537750	3.74E-19	6.63E-21	1.06E+01	36.6374487	1.50E-01	64703510	64703633	NC_000011.9
cg01705052	3.75E-19	6.66E-21	1.06E+01	36.634091	3.07E-01	12996234	12996357	NC_000016.9
cg23312743	3.75E-19	6.67E-21	1.06E+01	36.632628	1.03E-01	64877311	64877434	NC_000011.9
cg02474076	3.78E-19	6.72E-21	1.06E+01	36.624882	1.30E-01	127223255	127223378	NC_000007.13
cg22747746	3.80E-19	6.75E-21	1.06E+01	36.6198468	2.34E-01	23564193	23564316	NC_000008.10
cg04718883	3.81E-19	6.77E-21	1.06E+01	36.6172677	1.08E-01	151346358	151346481	NC_000006.11
cg04020999	3.81E-19	6.77E-21	1.06E+01	36.6172324	1.02E-01	110352548	110352671	NC_000012.11
cg24013378	3.81E-19	6.77E-21	1.06E+01	36.6166911	7.45E-02	69480958	69481081	NC_000011.9
cg22001496	3.82E-19	6.79E-21	1.06E+01	36.6138658	3.25E-01	69243486	69243609	NC_000008.10
cg03696599	3.83E-19	6.83E-21	1.06E+01	36.6090284	2.02E-01	124782261	124782384	NC_000002.11
cg10055580	3.84E-19	6.84E-21	1.06E+01	36.60688	1.85E-01	46707781	46707904	NC_000017.10
cg01743841	3.85E-19	6.85E-21	1.06E+01	36.6049867	2.92E-01	61992494	61992617	NC_000020.10
cg26554592	3.88E-19	6.92E-21	1.06E+01	36.5953035	2.68E-01	108924398	108924521	NC_000010.10
cg02201132	3.89E-19	6.93E-21	1.06E+01	36.5946809	1.52E-01	242212884	242213007	NC_000002.11
cg05962092	3.94E-19	7.03E-21	1.05E+01	36.5799697	1.69E-01	49575664	49575787	NC_000019.9
cg26353287	3.94E-19	7.04E-21	1.05E+01	36.5786295	1.94E-01	42954090	42954213	NC_000005.9
cg13752649	3.94E-19	7.04E-21	1.05E+01	36.578446	1.38E-01	46608559	46608682	NC_000017.10

cg22818319	3.95E-19	7.05E-21	1.05E+01	36.5773241	1.53E-01	118372162	118372285	NC_000010.10
cg02510924	4.02E-19	7.19E-21	1.05E+01	36.5580456	6.06E-02	127802658	127802781	NC_000003.11
cg08712082	4.08E-19	7.30E-21	1.05E+01	36.5422675	1.66E-01	30673506	30673629	NC_000007.13
cg00816224	4.09E-19	7.32E-21	1.05E+01	36.5395649	2.12E-01	17083482	17083605	NC_000022.10
cg27317647	4.16E-19	7.44E-21	1.05E+01	36.5234082	1.70E-01	145562760	145562883	NC_000008.10
cg04674315	4.17E-19	7.46E-21	1.05E+01	36.5207823	1.79E-01	25897907	25898030	NC_000007.13
cg13301003	4.19E-19	7.50E-21	1.05E+01	36.5158346	1.93E-01	32449254	32449377	NC_000011.9
cg26477488	4.22E-19	7.56E-21	1.05E+01	36.507507	2.86E-01	153858936	153859059	NC_000005.9
cg06928993	4.23E-19	7.58E-21	1.05E+01	36.5045629	2.22E-01	49313421	49313544	NC_000019.9
cg00549566	4.28E-19	7.67E-21	1.05E+01	36.4927376	3.46E-01	37488253	37488376	NC_000007.13
cg07319253	4.29E-19	7.70E-21	1.05E+01	36.4898905	1.70E-01	17249877	17250000	NC_000001.10
cg27237300	4.29E-19	7.71E-21	1.05E+01	36.4880014	2.77E-01	34442292	34442415	NC_000021.8
cg26767593	4.31E-19	7.74E-21	1.05E+01	36.484046	1.63E-01	30015647	30015770	NC_000008.10
cg14486338	4.35E-19	7.82E-21	1.05E+01	36.4743731	1.92E-01	99440279	99440402	NC_000008.10
cg11501438	4.36E-19	7.83E-21	1.05E+01	36.473443	2.32E-01	20755949	20756072	NC_000017.10
cg17489908	4.36E-19	7.83E-21	1.05E+01	36.4728354	2.01E-01	8101566	8101689	NC_000010.10
cg18734428	4.38E-19	7.86E-21	1.05E+01	36.4685655	2.59E-01	84322277	84322400	NC_000015.9
cg06243400	4.40E-19	7.91E-21	1.05E+01	36.4632751	2.22E-01	19157813	19157936	NC_000007.13
cg02400787	4.46E-19	8.03E-21	1.05E+01	36.448273	5.98E-02	6399178	6399301	NC_000012.11
cg08383929	4.48E-19	8.06E-21	1.05E+01	36.443852	1.17E-01	180646754	180646877	NC_000005.9
cg11574745	4.50E-19	8.10E-21	1.05E+01	36.4387362	1.86E-01	5087031	5087154	NC_000006.11
cg23705060	4.51E-19	8.12E-21	1.05E+01	36.4367311	1.34E-01	132443404	132443527	NC_000012.11
cg10564112	4.56E-19	8.21E-21	1.05E+01	36.4260959	1.04E-01	91842149	91842272	NC_000014.8
cg04270085	4.59E-19	8.27E-21	1.05E+01	36.4180591	1.28E-01	12223636	12223759	NC_000002.11
cg22142922	4.60E-19	8.30E-21	1.05E+01	36.4155216	1.68E-01	69969430	69969553	NC_000011.9

cg04541474	4.61E-19	8.32E-21	1.05E+01	36.41304	3.03E-01	44873592	44873715	NC_000001.10
cg11462939	4.63E-19	8.35E-21	1.05E+01	36.4092608	6.70E-02	99606117	99606240	NC_000013.10
cg20501882	4.69E-19	8.47E-21	1.05E+01	36.3949754	1.60E-01	107542178	107542301	NC_000007.13
cg09557313	4.71E-19	8.49E-21	1.05E+01	36.3920213	2.54E-01	53313174	53313297	NC_000013.10
cg21236845	4.76E-19	8.60E-21	1.05E+01	36.3796737	2.34E-01	98115329	98115452	NC_000005.9
cg16591875	4.87E-19	8.81E-21	1.05E+01	36.3556126	1.28E-01	23932864	23932987	NC_000015.9
cg18298050	4.87E-19	8.81E-21	1.05E+01	36.3555091	1.25E-01	26829938	26830061	NC_000022.10
cg01449136	4.87E-19	8.81E-21	1.05E+01	36.355355	2.20E-01	61109317	61109440	NC_000014.8
cg04853843	4.88E-19	8.82E-21	1.05E+01	36.3542423	2.30E-01	55358461	55358584	NC_000016.9
cg19016714	4.90E-19	8.86E-21	1.05E+01	36.3501087	5.54E-02	80806029	80806152	NC_000010.10
cg25904659	4.90E-19	8.87E-21	1.05E+01	36.3490223	1.54E-01	916272	916395	NC_000017.10
cg13613439	4.94E-19	8.94E-21	1.05E+01	36.3416208	9.00E-02	131683312	131683435	NC_000009.11
cg05038396	4.95E-19	8.97E-21	1.05E+01	36.3376479	1.39E-01	86363010	86363133	NC_000002.11
cg10241684	4.96E-19	8.98E-21	1.05E+01	36.3367439	7.76E-02	14998547	14998670	NC_000003.11
cg01730970	4.99E-19	9.04E-21	1.05E+01	36.3308318	2.36E-01	27687074	27687197	NC_000001.10
cg17245290	4.99E-19	9.05E-21	1.05E+01	36.3293852	1.26E-01	35504020	35504143	NC_000010.10
cg20064693	5.03E-19	9.13E-21	1.05E+01	36.3202637	6.60E-02	228601611	228601734	NC_000001.10
cg26485937	5.04E-19	9.14E-21	1.05E+01	36.3191684	1.78E-01	140802432	140802555	NC_000005.9
cg08045301	5.04E-19	9.15E-21	1.05E+01	36.3181997	2.38E-01	71887487	71887610	NC_000016.9
cg00953825	5.06E-19	9.18E-21	1.05E+01	36.3148176	7.20E-02	60757134	60757257	NC_000017.10
cg06942814	5.08E-19	9.23E-21	1.05E+01	36.3098219	1.41E-01	27170819	27170942	NC_000007.13
cg16111364	5.09E-19	9.25E-21	1.05E+01	36.3079943	1.07E-01	122891696	122891819	NC_000012.11
cg00063369	5.10E-19	9.26E-21	1.05E+01	36.3069839	1.40E-01	213811478	213811601	NC_000002.11
cg25157999	5.13E-19	9.31E-21	1.05E+01	36.3009667	1.03E-01	657046	657169	NC_000012.11
cg13516768	5.14E-19	9.34E-21	1.05E+01	36.2979741	1.00E-01	61599125	61599248	NC_000020.10

cg12667031	5.16E-19	9.38E-21	1.05E+01	36.2936925	7.64E-02	169878852	169878975	NC_000001.10
cg02595832	5.16E-19	9.38E-21	1.05E+01	36.2932033	2.89E-01	129535786	129535909	NC_000010.10
cg05917460	5.18E-19	9.41E-21	1.05E+01	36.2901698	3.05E-01	37126902	37127025	NC_000014.8
cg26768816	5.21E-19	9.47E-21	1.05E+01	36.2841038	2.99E-02	30302793	30302916	NC_000019.9
cg24613957	5.24E-19	9.53E-21	1.05E+01	36.2776905	1.19E-01	20250684	20250807	NC_000001.10
cg24904818	5.26E-19	9.57E-21	1.05E+01	36.2734183	9.12E-02	49713323	49713446	NC_000019.9
cg04865180	5.32E-19	9.69E-21	1.05E+01	36.2614478	2.83E-01	23734385	23734508	NC_000013.10
cg09737668	5.36E-19	9.77E-21	1.05E+01	36.2535848	9.05E-02	159923525	159923648	NC_000001.10
cg19722706	5.39E-19	9.82E-21	1.05E+01	36.2484199	1.28E-01	83732977	83733100	NC_000015.9
cg03813164	5.39E-19	9.82E-21	1.05E+01	36.2478996	3.45E-01	11059725	11059848	NC_000010.10
cg26150514	5.42E-19	9.87E-21	1.05E+01	36.2428629	1.69E-01	96907209	96907332	NC_000015.9
cg11147786	5.43E-19	9.91E-21	1.05E+01	36.2393916	1.79E-01	19157739	19157862	NC_000007.13
cg11379081	5.46E-19	9.96E-21	1.05E+01	36.2343453	1.98E-01	209405050	209405173	NC_000001.10
cg18878432	5.50E-19	1.00E-20	1.05E+01	36.2263449	2.08E-01	46683409	46683532	NC_000017.10
cg08733739	5.61E-19	1.02E-20	1.05E+01	36.2061705	7.75E-02	13438879	13439002	NC_000006.11
cg07821427	5.61E-19	1.03E-20	1.05E+01	36.2053079	3.35E-01	77822419	77822542	NC_000016.9
cg03704667	5.63E-19	1.03E-20	1.05E+01	36.2026268	1.34E-01	69152610	69152733	NC_000016.9
cg01341355	5.64E-19	1.03E-20	1.05E+01	36.1993695	1.34E-01	31505493	31505616	NC_000006.11
cg07592513	5.66E-19	1.04E-20	1.05E+01	36.195713	1.20E-01	49994239	49994362	NC_000019.9
cg12853539	5.68E-19	1.04E-20	1.05E+01	36.1925586	1.37E-01	125623465	125623588	NC_000006.11
cg09979356	5.70E-19	1.04E-20	1.05E+01	36.1889658	9.83E-02	23725375	23725498	NC_000016.9
cg22289434	5.70E-19	1.04E-20	1.05E+01	36.1876105	2.44E-01	34188940	34189063	NC_000020.10
cg16521917	5.78E-19	1.06E-20	1.05E+01	36.1735726	2.38E-01	145813946	145814069	NC_000007.13
cg02583418	5.86E-19	1.07E-20	1.05E+01	36.1591547	2.27E-01	105473340	105473463	NC_000002.11
cg26998044	5.91E-19	1.08E-20	1.05E+01	36.1513796	3.13E-01	8869155	8869278	NC_000017.10

cg07017374	5.98E-19	1.10E-20	1.05E+01	36.1393199	3.47E-01	28674451	28674574	NC_000013.10
cg20423781	5.99E-19	1.10E-20	1.05E+01	36.1379052	1.53E-01	31031734	31031857	NC_000002.11
cg17075865	6.00E-19	1.10E-20	1.05E+01	36.1363945	8.89E-02	121287467	121287590	NC_000010.10
cg23836168	6.08E-19	1.12E-20	1.05E+01	36.1219406	8.12E-02	77084618	77084741	NC_000017.10
cg15443767	6.09E-19	1.12E-20	1.05E+01	36.1197561	1.11E-01	157943975	157944098	NC_000002.11
cg16197088	6.16E-19	1.13E-20	1.05E+01	36.1074466	1.69E-01	823500	823623	NC_000011.9
cg16733813	6.17E-19	1.13E-20	1.05E+01	36.1061189	1.29E-01	228295568	228295691	NC_000001.10
cg02825373	6.17E-19	1.13E-20	1.05E+01	36.1053017	2.90E-01	55501101	55501224	NC_000020.10
cg27543385	6.20E-19	1.14E-20	1.05E+01	36.1004157	1.71E-01	71800219	71800342	NC_000017.10
cg00248856	6.23E-19	1.15E-20	1.05E+01	36.0950671	1.11E-01	69464272	69464395	NC_000011.9
cg03058444	6.25E-19	1.15E-20	1.05E+01	36.0919662	1.53E-01	1873540	1873663	NC_000006.11
cg08676975	6.26E-19	1.15E-20	1.05E+01	36.0903599	2.98E-01	37005582	37005705	NC_000013.10
cg10297617	6.26E-19	1.15E-20	1.05E+01	36.0893994	1.89E-01	91610405	91610528	NC_000014.8
cg25383605	6.26E-19	1.15E-20	1.05E+01	36.0889833	1.19E-01	155538047	155538170	NC_000006.11
cg20959189	6.28E-19	1.16E-20	1.05E+01	36.0858732	1.42E-01	141122632	141122755	NC_000003.11
cg05663453	6.32E-19	1.16E-20	1.05E+01	36.0792249	1.61E-01	22782452	22782575	NC_000001.10
cg12198813	6.35E-19	1.17E-20	1.05E+01	36.0750033	1.67E-01	2891077	2891200	NC_000011.9
cg05940984	6.36E-19	1.17E-20	1.05E+01	36.0722727	2.45E-01	32448678	32448801	NC_000011.9
cg04221877	6.39E-19	1.18E-20	1.05E+01	36.0673472	1.57E-01	25257515	25257638	NC_000001.10
cg07016605	6.40E-19	1.18E-20	1.05E+01	36.0655177	1.55E-01	80194706	80194829	NC_000017.10
cg24880892	6.42E-19	1.18E-20	1.05E+01	36.0631255	5.89E-02	39034493	39034616	NC_000017.10
cg22372285	6.42E-19	1.18E-20	1.05E+01	36.062841	1.13E-01	125951005	125951128	NC_000011.9
cg26268287	6.42E-19	1.19E-20	1.05E+01	36.0617404	9.02E-02	114957848	114957971	NC_000005.9
cg23040011	6.45E-19	1.19E-20	1.05E+01	36.0572505	1.46E-01	56594902	56595025	NC_000014.8
cg16334617	6.46E-19	1.19E-20	1.05E+01	36.0551941	6.76E-02	126306823	126306946	NC_000011.9



cg22940988	6.47E-19	1.20E-20	1.05E+01	36.0533158	7.10E-02	67538446	67538569	NC_000015.9
cg08819431	6.48E-19	1.20E-20	1.05E+01	36.0514601	2.13E-01	139067293	139067416	NC_000005.9
cg14981055	6.49E-19	1.20E-20	1.05E+01	36.0493622	1.14E-01	56658336	56658459	NC_000019.9
cg26692294	6.51E-19	1.20E-20	1.05E+01	36.0470297	2.78E-01	6449001	6449124	NC_000005.9
cg05762309	6.58E-19	1.22E-20	1.05E+01	36.0355806	8.41E-02	30121843	30121966	NC_000006.11
cg27648808	6.63E-19	1.23E-20	1.05E+01	36.0285681	6.60E-02	168439973	168440096	NC_000005.9
cg02455820	6.64E-19	1.23E-20	1.05E+01	36.0266967	2.72E-01	51147769	51147892	NC_000016.9
cg27515369	6.64E-19	1.23E-20	1.05E+01	36.0265036	3.72E-01	140770599	140770722	NC_000003.11
cg10741025	6.65E-19	1.23E-20	1.05E+01	36.0238977	2.64E-01	37132665	37132788	NC_000014.8
cg10869641	6.66E-19	1.23E-20	1.05E+01	36.0231159	5.78E-02	170184833	170184956	NC_000006.11
cg00895997	6.66E-19	1.23E-20	1.05E+01	36.0228006	2.05E-01	122840109	122840232	NC_000007.13
cg27403628	6.67E-19	1.23E-20	1.05E+01	36.0217505	2.57E-01	17679263	17679386	NC_000020.10
cg06383163	6.68E-19	1.24E-20	1.05E+01	36.0192273	1.77E-01	139509073	139509196	NC_000008.10
cg08222702	6.72E-19	1.24E-20	1.05E+01	36.0139732	1.05E-01	122897859	122897982	NC_000010.10
cg14323675	6.81E-19	1.26E-20	1.05E+01	36.0000217	1.97E-01	17907018	17907141	NC_000009.11
cg14285308	6.81E-19	1.26E-20	1.05E+01	35.9995908	6.37E-02	20517512	20517635	NC_000001.10
cg13459498	6.83E-19	1.27E-20	1.05E+01	35.9957109	2.68E-01	42544792	42544915	NC_000020.10
cg19372975	6.85E-19	1.27E-20	1.05E+01	35.9930499	1.92E-01	242212901	242213024	NC_000002.11
cg06904649	6.91E-19	1.28E-20	1.05E+01	35.9840287	7.92E-02	64291323	64291446	NC_000015.9
cg16896847	6.92E-19	1.28E-20	1.05E+01	35.9816745	3.03E-01	144512042	144512165	NC_000008.10
cg01058717	6.96E-19	1.29E-20	1.05E+01	35.9754134	1.42E-01	1487068	1487191	NC_000001.10
cg03142393	6.97E-19	1.30E-20	1.05E+01	35.9738103	6.90E-02	96327674	96327797	NC_000002.11
cg05020604	6.99E-19	1.30E-20	1.05E+01	35.9708754	3.05E-01	37096329	37096452	NC_000019.9
cg06584784	6.99E-19	1.30E-20	1.05E+01	35.9707186	1.19E-01	86606923	86607046	NC_000016.9
cg21538208	7.02E-19	1.30E-20	1.05E+01	35.9668086	2.17E-01	4864488	4864611	NC_000004.11

cg17045801	7.08E-19	1.32E-20	1.05E+01	35.9575484	2.92E-01	43153223	43153346	NC_000007.13
cg19037143	7.11E-19	1.32E-20	1.05E+01	35.9528805	8.09E-02	187524750	187524873	NC_000004.11
cg20535067	7.12E-19	1.32E-20	1.05E+01	35.9518435	1.00E-01	134794320	134794443	NC_000010.10
cg17241310	7.13E-19	1.33E-20	1.05E+01	35.9496146	2.01E-01	91182856	91182979	NC_000001.10
cg06355272	7.20E-19	1.34E-20	1.05E+01	35.9400836	6.85E-02	3576929	3577052	NC_000010.10
cg02952703	7.23E-19	1.35E-20	1.05E+01	35.9349898	1.47E-01	14584130	14584253	NC_000019.9
cg13071306	7.25E-19	1.35E-20	1.05E+01	35.9323544	1.19E-01	6314113	6314236	NC_000001.10
cg18901940	7.27E-19	1.35E-20	1.05E+01	35.9305682	1.41E-01	69869364	69869487	NC_000010.10
cg09025327	7.39E-19	1.38E-20	1.04E+01	35.9128301	1.24E-01	9309004	9309127	NC_000001.10
cg26145461	7.42E-19	1.38E-20	1.04E+01	35.9083777	9.03E-02	2510637	2510760	NC_000006.11
cg08393317	7.55E-19	1.41E-20	1.04E+01	35.8913825	2.94E-01	54445463	54445586	NC_000019.9
cg05046306	7.56E-19	1.41E-20	1.04E+01	35.8890517	1.90E-01	46698273	46698396	NC_000017.10
cg08857144	7.57E-19	1.41E-20	1.04E+01	35.8879044	2.64E-01	70995351	70995474	NC_000002.11
cg20277905	7.60E-19	1.42E-20	1.04E+01	35.8837842	2.02E-01	61809716	61809839	NC_000020.10
cg00152008	7.63E-19	1.42E-20	1.04E+01	35.8798305	2.46E-01	50889225	50889348	NC_000001.10
cg03475671	7.64E-19	1.43E-20	1.04E+01	35.8783477	8.96E-02	90317562	90317685	NC_000015.9
cg24469013	7.66E-19	1.43E-20	1.04E+01	35.8755239	1.52E-01	72946534	72946657	NC_000011.9
cg23383871	7.68E-19	1.43E-20	1.04E+01	35.8732298	2.35E-01	47934987	47935110	NC_000020.10
cg02438781	7.72E-19	1.44E-20	1.04E+01	35.8667169	1.89E-01	22469533	22469656	NC_000019.9
cg01889899	7.81E-19	1.46E-20	1.04E+01	35.855502	1.07E-01	101922827	101922950	NC_000015.9
cg17219656	7.83E-19	1.46E-20	1.04E+01	35.8525946	1.36E-01	236924443	236924566	NC_000001.10
cg22628240	7.88E-19	1.47E-20	1.04E+01	35.8453619	1.79E-01	235107837	235107960	NC_000001.10
cg13060997	7.98E-19	1.49E-20	1.04E+01	35.8321195	2.94E-01	37006611	37006734	NC_000013.10
cg15219163	8.01E-19	1.50E-20	1.04E+01	35.8278984	6.79E-02	70842128	70842251	NC_000011.9
cg27127645	8.02E-19	1.50E-20	1.04E+01	35.8275987	1.32E-01	55220956	55221079	NC_000014.8

cg11021995	8.04E-19	1.51E-20	1.04E+01	35.8243482	2.90E-01	37488577	37488700	NC_000007.13
cg02027945	8.07E-19	1.51E-20	1.04E+01	35.8208367	3.53E-01	20618230	20618353	NC_000011.9
cg14324370	8.12E-19	1.52E-20	1.04E+01	35.8140511	2.76E-01	177042789	177042912	NC_000002.11
cg04207632	8.13E-19	1.52E-20	1.04E+01	35.8118762	1.75E-01	6986609	6986732	NC_000004.11
cg10383568	8.20E-19	1.54E-20	1.04E+01	35.8039166	1.85E-01	6589761	6589884	NC_000011.9
cg27425459	8.20E-19	1.54E-20	1.04E+01	35.8032755	1.59E-01	105697589	105697712	NC_000002.11
cg19909787	8.21E-19	1.54E-20	1.04E+01	35.801357	2.44E-01	124907708	124907831	NC_000010.10
cg07714085	8.22E-19	1.54E-20	1.04E+01	35.8002863	1.36E-01	46424852	46424975	NC_000002.11
cg16294838	8.22E-19	1.54E-20	1.04E+01	35.8001247	2.17E-01	169195305	169195428	NC_000005.9
cg22805485	8.34E-19	1.57E-20	1.04E+01	35.7853729	2.10E-01	13983818	13983941	NC_000011.9
cg09179999	8.35E-19	1.57E-20	1.04E+01	35.7836259	4.76E-02	77811681	77811804	NC_000015.9
cg03143486	8.37E-19	1.57E-20	1.04E+01	35.7809736	1.60E-01	811491	811614	NC_000007.13
cg19643053	8.41E-19	1.58E-20	1.04E+01	35.7759616	2.44E-01	27184271	27184394	NC_000007.13
cg12331980	8.44E-19	1.59E-20	1.04E+01	35.7728797	1.52E-01	179749654	179749777	NC_000002.11
cg17869851	8.52E-19	1.60E-20	1.04E+01	35.7627366	1.04E-01	230976414	230976537	NC_000001.10
cg01672943	8.56E-19	1.61E-20	1.04E+01	35.7572289	3.12E-01	37125292	37125415	NC_000014.8
cg16370720	8.58E-19	1.61E-20	1.04E+01	35.7552469	4.87E-02	108907710	108907833	NC_000006.11
cg00209786	8.62E-19	1.62E-20	1.04E+01	35.7495145	1.20E-01	56752779	56752902	NC_000020.10
cg05747555	8.66E-19	1.63E-20	1.04E+01	35.7447538	1.30E-01	60778881	60779004	NC_000017.10
cg18907180	8.68E-19	1.63E-20	1.04E+01	35.7428858	2.41E-01	97499987	97500110	NC_000014.8
cg19591056	8.76E-19	1.65E-20	1.04E+01	35.7329216	2.84E-01	240254988	240255111	NC_000001.10
cg15979173	8.76E-19	1.65E-20	1.04E+01	35.7324266	1.67E-01	91182128	91182251	NC_000001.10
cg23712458	8.86E-19	1.67E-20	1.04E+01	35.7208373	1.77E-01	189002	189125	NC_000017.10
cg06873316	8.91E-19	1.68E-20	1.04E+01	35.7146951	2.57E-01	20690682	20690805	NC_000011.9
cg26789779	8.96E-19	1.69E-20	1.04E+01	35.70857	2.43E-01	37839943	37840066	NC_000005.9

cg15266705	8.99E-19	1.70E-20	1.04E+01	35.7051881	2.69E-01	115136096	115136219	NC_000012.11
cg03262554	8.99E-19	1.70E-20	1.04E+01	35.7049261	2.48E-01	136474735	136474858	NC_000009.11
cg16700555	9.13E-19	1.73E-20	1.04E+01	35.6891754	1.80E-01	29700860	29700983	NC_000019.9
cg20018563	9.19E-19	1.74E-20	1.04E+01	35.6818579	1.65E-01	92690264	92690387	NC_000015.9
cg10901633	9.27E-19	1.75E-20	1.04E+01	35.6737912	1.77E-01	4814459	4814582	NC_000003.11
cg04946749	9.28E-19	1.76E-20	1.04E+01	35.6715442	3.04E-01	74865838	74865961	NC_000017.10
cg20713968	9.29E-19	1.76E-20	1.04E+01	35.6711753	2.32E-01	1737564	1737687	NC_000008.10
cg24656269	9.30E-19	1.76E-20	1.04E+01	35.6696873	2.45E-01	132271581	132271704	NC_000011.9
cg14776201	9.31E-19	1.76E-20	1.04E+01	35.6686743	3.23E-01	5836256	5836379	NC_000002.11
cg06424065	9.36E-19	1.77E-20	1.04E+01	35.6632003	2.32E-01	6247640	6247763	NC_000004.11
cg13291694	9.37E-19	1.77E-20	1.04E+01	35.6616125	9.53E-02	136584563	136584686	NC_000006.11
cg00028935	9.39E-19	1.78E-20	1.04E+01	35.6593513	2.33E-01	147114406	147114529	NC_000003.11
cg20522483	9.45E-19	1.79E-20	1.04E+01	35.6524388	1.42E-01	119659495	119659618	NC_000004.11
cg19560588	9.53E-19	1.81E-20	1.04E+01	35.6436164	2.55E-01	25892614	25892737	NC_000007.13
cg10959353	9.62E-19	1.82E-20	1.04E+01	35.6339951	2.35E-01	229046515	229046638	NC_000002.11
cg16499947	9.62E-19	1.83E-20	1.04E+01	35.6335075	7.97E-02	123329113	123329236	NC_000010.10
cg04220930	9.63E-19	1.83E-20	1.04E+01	35.6327944	1.67E-01	52814681	52814804	NC_000008.10
cg17086686	9.64E-19	1.83E-20	1.04E+01	35.6307673	1.39E-01	134578213	134578336	NC_000008.10
cg01578017	9.79E-19	1.86E-20	1.04E+01	35.6151187	3.23E-01	84814683	84814806	NC_000007.13
cg16587616	9.80E-19	1.86E-20	1.04E+01	35.6143397	2.27E-01	62996022	62996145	NC_000006.11
cg10038009	9.89E-19	1.88E-20	1.04E+01	35.6035638	2.96E-01	31228202	31228325	NC_000016.9
cg18127648	9.90E-19	1.88E-20	1.04E+01	35.6023979	1.09E-01	79652632	79652755	NC_000010.10
cg23722790	9.91E-19	1.88E-20	1.04E+01	35.6017508	1.79E-01	67467602	67467725	NC_000001.10
cg16166796	1.00E-18	1.90E-20	1.04E+01	35.5924379	2.97E-01	220174201	220174324	NC_000002.11
cg17796333	1.00E-18	1.91E-20	1.04E+01	35.5899227	7.97E-02	52511342	52511465	NC_000006.11

cg06809252	1.00E-18	1.91E-20	1.04E+01	35.5882046	2.21E-01	110612044	110612167	NC_000001.10
cg12071328	1.00E-18	1.91E-20	1.04E+01	35.588129	3.04E-01	20690930	20691053	NC_000011.9
cg01269620	1.00E-18	1.91E-20	1.04E+01	35.5870985	3.06E-01	166074191	166074314	NC_000006.11
cg16389924	1.01E-18	1.91E-20	1.04E+01	35.5862597	8.76E-02	79298604	79298727	NC_000015.9
cg19910231	1.01E-18	1.92E-20	1.04E+01	35.5853271	1.12E-01	3167371	3167494	NC_000010.10
cg08939095	1.01E-18	1.92E-20	1.04E+01	35.5836499	2.48E-01	83953068	83953191	NC_000015.9
cg10786098	1.04E-18	1.99E-20	1.04E+01	35.5471468	1.41E-01	117468289	117468412	NC_000012.11
cg03416228	1.04E-18	1.99E-20	1.04E+01	35.5462916	1.32E-01	65360321	65360444	NC_000011.9
cg08586541	1.05E-18	2.01E-20	1.04E+01	35.5388059	2.41E-01	51198888	51199011	NC_000019.9
cg13772815	1.05E-18	2.01E-20	1.04E+01	35.5384763	1.11E-01	20492631	20492754	NC_000017.10
cg14690510	1.05E-18	2.01E-20	1.04E+01	35.5366676	1.09E-01	60757589	60757712	NC_000017.10
cg14678084	1.06E-18	2.03E-20	1.04E+01	35.5301698	1.81E-01	127627251	127627374	NC_000007.13
cg12919006	1.07E-18	2.04E-20	1.04E+01	35.5249724	2.70E-01	124782713	124782836	NC_000002.11
cg03711485	1.07E-18	2.04E-20	1.04E+01	35.5233461	2.31E-01	101296036	101296159	NC_000010.10
cg01105418	1.07E-18	2.04E-20	1.04E+01	35.5233421	2.36E-01	244214593	244214716	NC_000001.10
cg08241225	1.07E-18	2.04E-20	1.04E+01	35.5231034	9.32E-02	36041510	36041633	NC_000019.9
cg27603283	1.07E-18	2.05E-20	1.04E+01	35.519094	2.11E-01	4998649	4998772	NC_000007.13
cg15487498	1.08E-18	2.06E-20	1.04E+01	35.5127457	1.30E-01	230372938	230373061	NC_000001.10
cg00864684	1.08E-18	2.07E-20	1.04E+01	35.5064766	1.27E-01	125825166	125825289	NC_000010.10
cg10257471	1.09E-18	2.08E-20	1.04E+01	35.5042659	1.70E-01	83933961	83934084	NC_000016.9
cg18485844	1.09E-18	2.09E-20	1.04E+01	35.5003745	3.29E-01	2291652	2291775	NC_000011.9
cg24060451	1.10E-18	2.11E-20	1.04E+01	35.4912082	2.76E-01	33454209	33454332	NC_000022.10
cg06469895	1.10E-18	2.11E-20	1.04E+01	35.4891359	1.38E-01	69418206	69418329	NC_000016.9
cg03603062	1.11E-18	2.14E-20	1.04E+01	35.477247	1.98E-01	95224434	95224557	NC_000007.13
cg24885417	1.12E-18	2.14E-20	1.04E+01	35.4751981	2.86E-01	24323764	24323887	NC_000007.13

cg23852994	1.12E-18	2.15E-20	1.04E+01	35.4695198	1.01E-01	67076568	67076691	NC_000015.9
cg23277659	1.13E-18	2.17E-20	1.04E+01	35.4625338	1.48E-01	47066498	47066621	NC_000001.10
cg08798685	1.13E-18	2.17E-20	1.04E+01	35.4614283	1.76E-01	27730294	27730417	NC_000006.11
cg05181279	1.14E-18	2.19E-20	1.04E+01	35.4544287	1.30E-01	11982794	11982917	NC_000011.9
cg06639332	1.14E-18	2.19E-20	1.04E+01	35.4506253	2.76E-01	37248305	37248428	NC_000013.10
cg24192845	1.14E-18	2.20E-20	1.04E+01	35.4500665	9.32E-02	15497029	15497152	NC_000006.11
cg08708684	1.15E-18	2.21E-20	1.04E+01	35.4450821	3.05E-01	135043506	135043629	NC_000010.10
cg25211622	1.15E-18	2.21E-20	1.04E+01	35.4440942	2.04E-01	794443	794566	NC_000011.9
cg10050410	1.16E-18	2.23E-20	1.04E+01	35.4357404	1.02E-01	4035293	4035416	NC_000010.10
cg13469286	1.17E-18	2.25E-20	1.04E+01	35.4274475	1.29E-01	134680756	134680879	NC_000010.10
cg20627646	1.17E-18	2.25E-20	1.04E+01	35.4253156	1.63E-01	103943308	103943431	NC_000008.10
cg16571983	1.17E-18	2.25E-20	1.04E+01	35.4240171	2.18E-01	78492922	78493045	NC_000013.10
cg15826444	1.17E-18	2.26E-20	1.04E+01	35.4231265	9.52E-02	20767574	20767697	NC_000002.11
cg10655629	1.17E-18	2.26E-20	1.04E+01	35.4227692	1.33E-01	480253	480376	NC_000005.9
cg26949037	1.17E-18	2.26E-20	1.04E+01	35.4217342	5.52E-02	31003936	31004059	NC_000016.9
cg05106231	1.18E-18	2.27E-20	1.04E+01	35.4192725	1.09E-01	7338152	7338275	NC_000017.10
cg11668749	1.18E-18	2.28E-20	1.04E+01	35.4140283	1.68E-01	229568360	229568483	NC_000001.10
cg26078977	1.20E-18	2.32E-20	1.04E+01	35.3960052	1.93E-01	59189467	59189590	NC_000005.9
cg05523056	1.20E-18	2.32E-20	1.04E+01	35.3948165	2.20E-01	77468458	77468581	NC_000016.9
cg19947104	1.21E-18	2.32E-20	1.04E+01	35.3935528	2.10E-01	17757342	17757465	NC_000011.9
cg16535788	1.21E-18	2.33E-20	1.04E+01	35.3926607	1.63E-01	80395405	80395528	NC_000017.10
cg24183575	1.21E-18	2.33E-20	1.04E+01	35.3905717	1.93E-01	49497929	49498052	NC_000003.11
cg00890054	1.21E-18	2.34E-20	1.04E+01	35.3863304	1.40E-01	9405823	9405946	NC_000001.10
cg00542638	1.21E-18	2.34E-20	1.04E+01	35.3860637	1.50E-01	20007500	20007623	NC_000022.10
cg22036988	1.23E-18	2.38E-20	1.04E+01	35.3705514	2.99E-01	140770345	140770468	NC_000003.11

cg01096617	1.23E-18	2.38E-20	1.04E+01	35.3689756	2.11E-01	58569180	58569303	NC_000016.9
cg03140968	1.24E-18	2.39E-20	1.04E+01	35.3647715	2.18E-01	21686264	21686387	NC_000020.10
cg05678749	1.24E-18	2.39E-20	1.04E+01	35.3643836	1.82E-01	27216819	27216942	NC_000015.9
cg16787483	1.25E-18	2.42E-20	1.04E+01	35.3541499	1.91E-01	88328251	88328374	NC_000013.10
cg25426892	1.26E-18	2.43E-20	1.04E+01	35.349572	1.74E-01	100942959	100943082	NC_000007.13
cg16409261	1.26E-18	2.44E-20	1.04E+01	35.3458738	2.11E-01	61703735	61703858	NC_000020.10
cg07804728	1.27E-18	2.45E-20	1.04E+01	35.3425292	2.01E-01	129284050	129284173	NC_000010.10
cg24127719	1.27E-18	2.45E-20	1.04E+01	35.3404491	2.26E-01	38068660	38068783	NC_000021.8
cg05574357	1.27E-18	2.46E-20	1.04E+01	35.3365125	2.10E-01	115134362	115134485	NC_000012.11
cg24930713	1.27E-18	2.46E-20	1.04E+01	35.3358305	1.17E-01	47048981	47049104	NC_000017.10
cg12932195	1.28E-18	2.47E-20	1.04E+01	35.3317049	1.61E-01	50313343	50313466	NC_000022.10
cg16051656	1.28E-18	2.48E-20	1.04E+01	35.331112	1.65E-01	41162610	41162733	NC_000003.11
cg13718664	1.28E-18	2.49E-20	1.04E+01	35.3267749	1.70E-01	3854593	3854716	NC_000005.9
cg05809668	1.29E-18	2.49E-20	1.04E+01	35.3263053	2.97E-01	35301188	35301311	NC_000007.13
cg24792289	1.29E-18	2.50E-20	1.04E+01	35.3205448	2.26E-01	134825895	134826018	NC_000005.9
cg06434428	1.30E-18	2.51E-20	1.04E+01	35.3184941	1.09E-01	83016630	83016753	NC_000005.9
cg00761344	1.31E-18	2.53E-20	1.04E+01	35.3095723	1.10E-01	40103693	40103816	NC_000001.10
cg03261682	1.32E-18	2.56E-20	1.04E+01	35.2998688	1.68E-01	6233757	6233880	NC_000010.10
cg12907379	1.32E-18	2.56E-20	1.04E+01	35.2993815	2.52E-01	100624130	100624253	NC_000013.10
cg14209299	1.32E-18	2.56E-20	1.04E+01	35.2964292	2.31E-01	107502793	107502916	NC_000002.11
cg13703871	1.32E-18	2.57E-20	1.04E+01	35.2946086	2.85E-01	9473674	9473797	NC_000019.9
cg26351229	1.33E-18	2.58E-20	1.04E+01	35.2921411	1.94E-01	132053780	132053903	NC_000008.10
cg13007988	1.34E-18	2.59E-20	1.04E+01	35.2862066	1.78E-01	49449136	49449259	NC_000012.11
cg12537619	1.34E-18	2.60E-20	1.04E+01	35.282457	1.15E-01	3187923	3188046	NC_000011.9
cg00660765	1.34E-18	2.61E-20	1.04E+01	35.2801504	8.52E-02	69371349	69371472	NC_000003.11

cg07356488	1.34E-18	2.61E-20	1.04E+01	35.2786304	1.51E-01	121477737	121477860	NC_000011.9
cg15186181	1.35E-18	2.61E-20	1.04E+01	35.2779678	2.72E-01	55370434	55370557	NC_000008.10
cg09137301	1.35E-18	2.61E-20	1.04E+01	35.2772627	1.54E-01	150026998	150027121	NC_000007.13
cg25423888	1.35E-18	2.62E-20	1.04E+01	35.2734115	4.80E-02	102286179	102286302	NC_000010.10
cg07883457	1.36E-18	2.63E-20	1.04E+01	35.269451	1.33E-01	58147897	58148020	NC_000006.11
cg04738965	1.36E-18	2.65E-20	1.04E+01	35.2636145	1.82E-01	147127662	147127785	NC_000003.11
cg22036165	1.37E-18	2.65E-20	1.04E+01	35.2618735	7.85E-02	101871315	101871438	NC_000008.10
cg18854045	1.37E-18	2.67E-20	1.04E+01	35.2562596	5.95E-02	11271359	11271482	NC_000002.11
cg24903893	1.38E-18	2.68E-20	1.04E+01	35.2516516	1.69E-01	158522515	158522638	NC_000005.9
cg23797411	1.42E-18	2.77E-20	1.03E+01	35.2194172	2.85E-01	106399877	106400000	NC_000010.10
cg02390606	1.43E-18	2.78E-20	1.03E+01	35.2164899	4.79E-02	42979979	42980102	NC_000017.10
cg13977835	1.44E-18	2.80E-20	1.03E+01	35.2089327	1.39E-01	23883338	23883461	NC_000001.10
cg13292542	1.44E-18	2.81E-20	1.03E+01	35.2061371	2.15E-01	80394588	80394711	NC_000017.10
cg14564076	1.44E-18	2.81E-20	1.03E+01	35.2046949	2.55E-01	153584873	153584996	NC_000007.13
cg24436462	1.45E-18	2.82E-20	1.03E+01	35.2029953	2.03E-01	183595745	183595868	NC_000001.10
cg07052063	1.46E-18	2.85E-20	1.03E+01	35.1914271	1.32E-01	99255236	99255359	NC_000010.10
cg12334871	1.47E-18	2.87E-20	1.03E+01	35.1833669	2.43E-01	149993971	149994094	NC_000005.9
cg13847853	1.48E-18	2.88E-20	1.03E+01	35.1796642	5.85E-02	39696336	39696459	NC_000017.10
cg21995919	1.48E-18	2.88E-20	1.03E+01	35.1794845	3.09E-01	182322279	182322402	NC_000002.11
cg09797577	1.49E-18	2.90E-20	1.03E+01	35.1736998	2.52E-01	28778226	28778349	NC_000006.11
cg26162582	1.50E-18	2.93E-20	1.03E+01	35.1656697	3.27E-01	4918391	4918514	NC_000012.11
cg25973534	1.50E-18	2.93E-20	1.03E+01	35.1625504	2.92E-01	5139853	5139976	NC_000005.9
cg07881405	1.51E-18	2.95E-20	1.03E+01	35.1582071	2.78E-01	3597487	3597610	NC_000005.9
cg21145524	1.51E-18	2.95E-20	1.03E+01	35.1571837	2.97E-01	239207	239330	NC_000003.11
cg24039697	1.52E-18	2.97E-20	1.03E+01	35.1505875	2.69E-01	8094534	8094657	NC_000010.10



cg21459340	1.52E-18	2.97E-20	1.03E+01	35.149285	2.64E-01	2781324	2781447	NC_000020.10
cg10507231	1.52E-18	2.97E-20	1.03E+01	35.149044	9.29E-02	204459638	204459761	NC_000001.10
cg01361263	1.52E-18	2.98E-20	1.03E+01	35.1480365	1.89E-01	58051763	58051886	NC_000003.11
cg02642565	1.52E-18	2.98E-20	1.03E+01	35.1463824	1.43E-01	4579402	4579525	NC_000016.9
cg10364040	1.53E-18	2.99E-20	1.03E+01	35.144979	2.74E-01	176981064	176981187	NC_000002.11
cg05134019	1.53E-18	2.99E-20	1.03E+01	35.1440238	2.07E-01	227059463	227059586	NC_000001.10
cg24347663	1.53E-18	2.99E-20	1.03E+01	35.1433256	2.68E-01	70995349	70995472	NC_000002.11
cg07157230	1.53E-18	3.00E-20	1.03E+01	35.1415405	1.78E-01	105363943	105364066	NC_000014.8
cg27029821	1.55E-18	3.03E-20	1.03E+01	35.1294328	1.35E-01	70983741	70983864	NC_000008.10
cg19727439	1.55E-18	3.05E-20	1.03E+01	35.1247247	2.59E-01	37500508	37500631	NC_000001.10
cg14642432	1.56E-18	3.07E-20	1.03E+01	35.1173518	2.45E-01	6533163	6533286	NC_000016.9
cg18267049	1.57E-18	3.08E-20	1.03E+01	35.1154981	2.43E-01	101875028	101875151	NC_000010.10
cg27413385	1.57E-18	3.08E-20	1.03E+01	35.1149175	1.45E-01	7515425	7515548	NC_000017.10
cg13073589	1.57E-18	3.08E-20	1.03E+01	35.1146655	1.33E-01	172517922	172518045	NC_000001.10
cg16797818	1.57E-18	3.08E-20	1.03E+01	35.1130461	1.20E-01	70463309	70463432	NC_000012.11
cg02128244	1.58E-18	3.10E-20	1.03E+01	35.1071648	2.03E-01	31848008	31848131	NC_000019.9
cg23010538	1.59E-18	3.13E-20	1.03E+01	35.0978676	3.46E-01	190447290	190447413	NC_000001.10
cg10437806	1.60E-18	3.15E-20	1.03E+01	35.0935336	2.54E-01	21680508	21680631	NC_000012.11
cg11254527	1.60E-18	3.15E-20	1.03E+01	35.0911454	1.45E-01	35873695	35873818	NC_000001.10
cg05743346	1.61E-18	3.16E-20	1.03E+01	35.0879216	3.01E-01	71800987	71801110	NC_000007.13
cg13587564	1.61E-18	3.17E-20	1.03E+01	35.0844836	1.68E-01	137003752	137003875	NC_000009.11
cg02765177	1.61E-18	3.18E-20	1.03E+01	35.0838946	1.86E-01	124605963	124606086	NC_000010.10
cg18340983	1.62E-18	3.18E-20	1.03E+01	35.0831374	6.56E-02	72941691	72941814	NC_000011.9
cg16422814	1.62E-18	3.18E-20	1.03E+01	35.0830988	2.07E-01	123691602	123691725	NC_000010.10
cg07152216	1.62E-18	3.19E-20	1.03E+01	35.0786705	2.50E-01	147141219	147141342	NC_000003.11

cg27408345	1.64E-18	3.22E-20	1.03E+01	35.0690813	1.73E-01	112630738	112630861	NC_000010.10
cg13019491	1.64E-18	3.23E-20	1.03E+01	35.0670467	2.80E-01	60977856	60977979	NC_000014.8
cg05646686	1.64E-18	3.23E-20	1.03E+01	35.0668741	2.13E-01	33402368	33402491	NC_000014.8
cg09409845	1.65E-18	3.26E-20	1.03E+01	35.0593784	1.28E-01	128657791	128657914	NC_000008.10
cg03781266	1.66E-18	3.27E-20	1.03E+01	35.0557037	2.65E-01	43153023	43153146	NC_000007.13
cg09639151	1.66E-18	3.28E-20	1.03E+01	35.0515417	2.09E-01	140810920	140811043	NC_000005.9
cg26634219	1.67E-18	3.29E-20	1.03E+01	35.0501108	2.22E-01	46608277	46608400	NC_000017.10
cg01017689	1.67E-18	3.29E-20	1.03E+01	35.0498908	8.05E-02	76376266	76376389	NC_000005.9
cg27190946	1.67E-18	3.29E-20	1.03E+01	35.0483127	2.12E-01	32639011	32639134	NC_000015.9
cg20676716	1.68E-18	3.31E-20	1.03E+01	35.0421516	2.04E-01	177053568	177053691	NC_000002.11
cg16463460	1.68E-18	3.31E-20	1.03E+01	35.0418144	1.74E-01	32454718	32454841	NC_000011.9
cg02801786	1.68E-18	3.32E-20	1.03E+01	35.0412794	2.68E-01	113914222	113914345	NC_000012.11
cg04914996	1.68E-18	3.32E-20	1.03E+01	35.0399424	1.28E-01	186915259	186915382	NC_000003.11
cg01519253	1.69E-18	3.34E-20	1.03E+01	35.0353888	2.44E-01	114886463	114886586	NC_000012.11
cg03886699	1.70E-18	3.35E-20	1.03E+01	35.0316591	9.33E-02	212698918	212699041	NC_000001.10
cg16711792	1.72E-18	3.39E-20	1.03E+01	35.0192093	2.30E-01	32930054	32930177	NC_000021.8
cg13754948	1.72E-18	3.40E-20	1.03E+01	35.0173042	1.41E-01	155679340	155679463	NC_000007.13
cg14230666	1.72E-18	3.41E-20	1.03E+01	35.0143071	2.58E-01	84322946	84323069	NC_000015.9
cg24815973	1.73E-18	3.41E-20	1.03E+01	35.0132466	1.34E-01	3140901	3141024	NC_000006.11
cg04944853	1.73E-18	3.43E-20	1.03E+01	35.0091752	1.99E-01	139252106	139252229	NC_000003.11
cg21239439	1.74E-18	3.44E-20	1.03E+01	35.0050461	1.20E-01	170038665	170038788	NC_000006.11
cg05398903	1.75E-18	3.45E-20	1.03E+01	35.001058	2.63E-01	115135045	115135168	NC_000012.11
cg18371475	1.75E-18	3.47E-20	1.03E+01	34.9977057	2.05E-01	2751550	2751673	NC_000005.9
cg24280540	1.76E-18	3.47E-20	1.03E+01	34.9952555	2.72E-01	69243510	69243633	NC_000008.10
cg03637815	1.78E-18	3.52E-20	1.03E+01	34.982665	2.51E-01	95359718	95359841	NC_000013.10

cg05042123	1.80E-18	3.56E-20	1.03E+01	34.9702351	8.91E-02	2590002	2590125	NC_000004.11
cg14055887	1.80E-18	3.57E-20	1.03E+01	34.967487	1.53E-01	136236665	136236788	NC_000009.11
cg20139706	1.83E-18	3.64E-20	1.03E+01	34.9498717	1.86E-01	237068750	237068873	NC_000002.11
cg09799983	1.84E-18	3.64E-20	1.03E+01	34.9477763	2.37E-01	38301756	38301879	NC_000002.11
cg21115346	1.85E-18	3.68E-20	1.03E+01	34.9386363	2.05E-01	130021544	130021667	NC_000007.13
cg03843000	1.86E-18	3.68E-20	1.03E+01	34.9377157	2.87E-01	114846968	114847091	NC_000012.11
cg18060030	1.86E-18	3.69E-20	1.03E+01	34.9360065	1.15E-01	168967238	168967361	NC_000003.11
cg22518433	1.87E-18	3.70E-20	1.03E+01	34.9322289	2.38E-01	49253931	49254054	NC_000019.9
cg00252282	1.87E-18	3.71E-20	1.03E+01	34.9307808	2.76E-01	5542736	5542859	NC_000012.11
cg01566592	1.87E-18	3.71E-20	1.03E+01	34.9289234	3.53E-01	104512858	104512981	NC_000008.10
cg14833621	1.87E-18	3.72E-20	1.03E+01	34.9261933	1.78E-01	47801438	47801561	NC_000012.11
cg13046832	1.88E-18	3.73E-20	1.03E+01	34.9246778	2.61E-01	29254680	29254803	NC_000014.8
cg00963169	1.88E-18	3.74E-20	1.03E+01	34.921303	2.54E-01	50513927	50514050	NC_000001.10
cg20464143	1.89E-18	3.75E-20	1.03E+01	34.9199316	2.28E-01	16728219	16728342	NC_000005.9
cg24909309	1.89E-18	3.76E-20	1.03E+01	34.9178549	1.94E-01	38387291	38387414	NC_000008.10
cg01627823	1.89E-18	3.76E-20	1.03E+01	34.9177532	2.76E-01	37125531	37125654	NC_000014.8
cg20993754	1.89E-18	3.76E-20	1.03E+01	34.9171432	1.22E-01	55226987	55227110	NC_000002.11
cg05713794	1.89E-18	3.76E-20	1.03E+01	34.9156528	5.68E-02	194119861	194119984	NC_000003.11
cg02523640	1.89E-18	3.77E-20	1.03E+01	34.9146262	2.43E-01	129534613	129534736	NC_000010.10
cg14872657	1.90E-18	3.79E-20	1.03E+01	34.9097337	2.57E-01	43153216	43153339	NC_000007.13
cg24680586	1.90E-18	3.79E-20	1.03E+01	34.9094127	3.15E-01	105036727	105036850	NC_000010.10
cg20611911	1.91E-18	3.81E-20	1.03E+01	34.9045004	2.35E-01	3567930	3568053	NC_000001.10
cg17279592	1.92E-18	3.83E-20	1.03E+01	34.8994324	1.21E-01	170038733	170038856	NC_000006.11
cg04802221	1.93E-18	3.84E-20	1.03E+01	34.895043	9.15E-02	67223955	67224078	NC_000016.9
cg02912476	1.96E-18	3.90E-20	1.03E+01	34.8800877	1.15E-01	2035087	2035210	NC_000001.10

cg09010671	1.96E-18	3.91E-20	1.03E+01	34.8768553	3.05E-01	79177763	79177886	NC_000013.10
cg13884295	1.96E-18	3.92E-20	1.03E+01	34.876414	1.68E-01	50618355	50618478	NC_000003.11
cg12189382	1.96E-18	3.92E-20	1.03E+01	34.8760644	5.76E-02	79077463	79077586	NC_000017.10
cg23287992	1.97E-18	3.92E-20	1.03E+01	34.8743678	1.29E-01	31734390	31734513	NC_000006.11
cg18120446	1.98E-18	3.94E-20	1.03E+01	34.8694611	1.87E-01	13531076	13531199	NC_000004.11
cg17278793	1.98E-18	3.95E-20	1.03E+01	34.8673353	9.40E-02	149767909	149768032	NC_000001.10
cg26750489	2.00E-18	3.99E-20	1.03E+01	34.8583879	6.33E-02	33171106	33171229	NC_000006.11
cg12536527	2.00E-18	4.00E-20	1.03E+01	34.8559542	1.88E-01	81637024	81637147	NC_000007.13
cg23205387	2.01E-18	4.02E-20	1.03E+01	34.8507932	2.04E-01	152623043	152623166	NC_000007.13
cg15478767	2.02E-18	4.03E-20	1.03E+01	34.8486799	1.23E-01	178039086	178039209	NC_000003.11
cg21220462	2.02E-18	4.03E-20	1.03E+01	34.8478209	1.74E-01	92005563	92005686	NC_000009.11
cg02792792	2.03E-18	4.06E-20	1.03E+01	34.8413435	2.29E-01	115152420	115152543	NC_000005.9
cg18819620	2.05E-18	4.10E-20	1.03E+01	34.8298745	6.28E-02	155450816	155450939	NC_000006.11
cg18609306	2.06E-18	4.11E-20	1.03E+01	34.827393	1.56E-01	81015941	81016064	NC_000017.10
cg19570924	2.06E-18	4.13E-20	1.03E+01	34.8236718	2.27E-01	3457015	3457138	NC_000010.10
cg16982087	2.07E-18	4.14E-20	1.03E+01	34.8221617	1.90E-01	924964	925087	NC_000007.13
cg16241878	2.07E-18	4.14E-20	1.03E+01	34.8216985	8.52E-02	44328648	44328771	NC_000015.9
cg15920654	2.07E-18	4.14E-20	1.03E+01	34.8216779	2.15E-01	4869091	4869214	NC_000004.11
cg18529845	2.08E-18	4.16E-20	1.03E+01	34.8162862	3.21E-01	31806042	31806165	NC_000002.11
cg24946597	2.09E-18	4.19E-20	1.03E+01	34.8100004	2.97E-01	31497464	31497587	NC_000008.10
cg07048527	2.10E-18	4.21E-20	1.03E+01	34.8055753	2.13E-01	46700449	46700572	NC_000017.10
cg25479320	2.11E-18	4.24E-20	1.03E+01	34.7985848	8.98E-02	30127152	30127275	NC_000006.11
cg07572028	2.11E-18	4.24E-20	1.03E+01	34.7966878	1.38E-01	3695198	3695321	NC_000001.10
cg01370449	2.11E-18	4.24E-20	1.03E+01	34.7966408	1.89E-01	27183369	27183492	NC_000007.13
cg25727671	2.12E-18	4.26E-20	1.03E+01	34.7927648	2.05E-01	27193351	27193474	NC_000007.13

cg11668923	2.13E-18	4.27E-20	1.03E+01	34.7910437	2.55E-01	128076936	128077059	NC_000010.10
cg10722226	2.13E-18	4.27E-20	1.03E+01	34.7907054	2.17E-01	214156203	214156326	NC_000001.10
cg19958511	2.14E-18	4.29E-20	1.03E+01	34.7856496	1.02E-01	134821825	134821948	NC_000010.10
cg08199563	2.14E-18	4.30E-20	1.03E+01	34.7829082	1.17E-01	55816212	55816335	NC_000019.9
cg00812438	2.18E-18	4.37E-20	1.03E+01	34.7667155	2.48E-01	127940086	127940209	NC_000012.11
cg14141102	2.18E-18	4.38E-20	1.03E+01	34.7663914	9.84E-02	107974557	107974680	NC_000012.11
cg13525804	2.21E-18	4.44E-20	1.03E+01	34.7511819	1.43E-01	33857698	33857821	NC_000009.11
cg26163578	2.22E-18	4.46E-20	1.03E+01	34.747609	2.25E-01	57154589	57154712	NC_000019.9
cg01614102	2.23E-18	4.48E-20	1.03E+01	34.743013	2.21E-01	115134918	115135041	NC_000012.11
cg20427331	2.23E-18	4.49E-20	1.03E+01	34.7408585	1.59E-01	52000062	52000185	NC_000013.10
cg01261206	2.25E-18	4.53E-20	1.03E+01	34.7330035	2.18E-01	1011281	1011404	NC_000011.9
cg00778995	2.25E-18	4.54E-20	1.03E+01	34.730705	2.69E-01	105470558	105470681	NC_000002.11
cg00181125	2.27E-18	4.57E-20	1.03E+01	34.7226685	2.32E-01	22095182	22095305	NC_000012.11
cg26049726	2.27E-18	4.59E-20	1.03E+01	34.7200464	2.02E-01	73518702	73518825	NC_000002.11
cg08208595	2.30E-18	4.63E-20	1.03E+01	34.7093561	9.74E-02	105793554	105793677	NC_000014.8
cg14345213	2.30E-18	4.63E-20	1.03E+01	34.7093526	1.60E-01	100176407	100176530	NC_000009.11
cg12164321	2.31E-18	4.66E-20	1.03E+01	34.7046226	2.34E-01	125651085	125651208	NC_000010.10
cg16942595	2.31E-18	4.66E-20	1.03E+01	34.7030948	1.46E-01	149375316	149375439	NC_000006.11
cg17297362	2.33E-18	4.70E-20	1.03E+01	34.6946777	1.79E-01	233641507	233641630	NC_000002.11
cg22014983	2.36E-18	4.78E-20	1.03E+01	34.6795234	7.97E-02	39637465	39637588	NC_000002.11
cg26074603	2.37E-18	4.80E-20	1.03E+01	34.6739777	2.85E-01	75603068	75603191	NC_000012.11
cg02842158	2.37E-18	4.81E-20	1.03E+01	34.6735279	1.43E-01	50943720	50943843	NC_000022.10
cg02986692	2.38E-18	4.81E-20	1.03E+01	34.6716662	5.07E-02	156030348	156030471	NC_000006.11
cg03522150	2.39E-18	4.83E-20	1.03E+01	34.6683025	2.43E-01	46969673	46969796	NC_000011.9
cg27097660	2.39E-18	4.84E-20	1.03E+01	34.6673338	1.53E-01	75241082	75241205	NC_000016.9

cg22356339	2.42E-18	4.90E-20	1.03E+01	34.6539533	2.54E-01	103352454	103352577	NC_000012.11
cg08074851	2.44E-18	4.95E-20	1.03E+01	34.644672	2.20E-01	47797590	47797713	NC_000002.11
cg03487983	2.44E-18	4.95E-20	1.03E+01	34.643949	1.37E-01	67729501	67729624	NC_000014.8
cg16987305	2.46E-18	4.98E-20	1.03E+01	34.6372038	2.94E-01	65991596	65991719	NC_000001.10
cg21649258	2.48E-18	5.03E-20	1.03E+01	34.6280057	2.72E-01	107503672	107503795	NC_000002.11
cg08567279	2.49E-18	5.05E-20	1.03E+01	34.6240209	2.70E-01	53313529	53313652	NC_000013.10
cg14354398	2.49E-18	5.06E-20	1.03E+01	34.6223814	8.10E-02	113539759	113539882	NC_000013.10
cg13628577	2.50E-18	5.07E-20	1.03E+01	34.620657	2.04E-01	122431121	122431244	NC_000005.9
cg16973406	2.50E-18	5.07E-20	1.03E+01	34.6195266	1.05E-01	43265991	43266114	NC_000022.10
cg14211735	2.51E-18	5.10E-20	1.03E+01	34.6153647	1.64E-01	78837981	78838104	NC_000015.9
cg14755690	2.51E-18	5.10E-20	1.03E+01	34.6135752	2.25E-01	128868265	128868388	NC_000007.13
cg03096785	2.52E-18	5.11E-20	1.03E+01	34.6116343	2.01E-01	15764869	15764992	NC_000001.10
cg19088962	2.52E-18	5.13E-20	1.03E+01	34.6081369	6.53E-02	54576274	54576397	NC_000012.11
cg26091021	2.53E-18	5.14E-20	1.03E+01	34.6070134	2.63E-01	177021826	177021949	NC_000002.11
cg04991805	2.55E-18	5.20E-20	1.03E+01	34.595367	2.44E-01	99790910	99791033	NC_000010.10
cg18002116	2.56E-18	5.20E-20	1.03E+01	34.5945376	2.18E-01	53419596	53419719	NC_000013.10
cg13784966	2.56E-18	5.21E-20	1.03E+01	34.5924504	1.36E-01	3158710	3158833	NC_000010.10
cg25261694	2.58E-18	5.25E-20	1.03E+01	34.5866231	1.80E-01	88559053	88559176	NC_000010.10
cg14436491	2.62E-18	5.33E-20	1.02E+01	34.5705961	1.16E-01	176893	177016	NC_000009.11
cg07926644	2.62E-18	5.34E-20	1.02E+01	34.5682162	1.45E-01	4011511	4011634	NC_000019.9
cg10784386	2.63E-18	5.37E-20	1.02E+01	34.564065	2.53E-01	79330943	79331066	NC_000005.9
cg23454797	2.63E-18	5.37E-20	1.02E+01	34.5627203	1.93E-01	27183990	27184113	NC_000007.13
cg00992417	2.63E-18	5.37E-20	1.02E+01	34.5626928	1.61E-01	917891	918014	NC_000005.9
cg16564132	2.65E-18	5.40E-20	1.02E+01	34.5576269	1.35E-01	47193871	47193994	NC_000007.13
cg01724683	2.65E-18	5.42E-20	1.02E+01	34.5546329	6.77E-02	75180961	75181084	NC_000017.10

cg12526923	2.65E-18	5.42E-20	1.02E+01	34.5541282	2.33E-01	17439208	17439331	NC_000019.9
cg12600530	2.66E-18	5.43E-20	1.02E+01	34.5523551	1.81E-01	86687001	86687124	NC_000005.9
cg11644515	2.66E-18	5.44E-20	1.02E+01	34.5506778	1.30E-01	35827824	35827947	NC_000021.8
cg13329346	2.66E-18	5.44E-20	1.02E+01	34.5505204	1.20E-01	172750611	172750734	NC_000005.9
cg06232807	2.66E-18	5.44E-20	1.02E+01	34.5496839	2.00E-01	51185132	51185255	NC_000016.9
cg07811198	2.70E-18	5.53E-20	1.02E+01	34.5348918	2.05E-01	153585368	153585491	NC_000007.13
cg16519587	2.73E-18	5.58E-20	1.02E+01	34.5259501	2.77E-01	26614649	26614772	NC_000006.11
cg02289739	2.75E-18	5.62E-20	1.02E+01	34.5177942	1.21E-01	131156554	131156677	NC_000007.13
cg06266582	2.76E-18	5.65E-20	1.02E+01	34.5134801	2.24E-01	64871778	64871901	NC_000011.9
cg10981651	2.77E-18	5.66E-20	1.02E+01	34.5103598	1.98E-01	153853545	153853668	NC_000005.9
cg09123188	2.77E-18	5.67E-20	1.02E+01	34.5091384	2.57E-01	100913934	100914057	NC_000015.9
cg24848035	2.77E-18	5.67E-20	1.02E+01	34.5087949	2.58E-01	101118525	101118648	NC_000008.10
cg06560026	2.77E-18	5.68E-20	1.02E+01	34.507678	1.24E-01	6624242	6624365	NC_000016.9
cg12768681	2.80E-18	5.73E-20	1.02E+01	34.4990673	2.85E-01	20879547	20879670	NC_000001.10
cg26795540	2.81E-18	5.76E-20	1.02E+01	34.4937118	1.12E-01	35082070	35082193	NC_000010.10
cg17517480	2.81E-18	5.76E-20	1.02E+01	34.4931903	1.62E-01	22303542	22303665	NC_000001.10
cg13732302	2.81E-18	5.77E-20	1.02E+01	34.4922304	7.94E-02	44222207	44222330	NC_000017.10
cg20779964	2.82E-18	5.78E-20	1.02E+01	34.489707	1.90E-01	54580070	54580193	NC_000020.10
cg12432010	2.83E-18	5.81E-20	1.02E+01	34.484726	1.74E-01	176081	176204	NC_000012.11
cg22381068	2.84E-18	5.83E-20	1.02E+01	34.4812784	1.87E-01	906363	906486	NC_000001.10
cg19047292	2.85E-18	5.84E-20	1.02E+01	34.4794229	3.00E-01	56228442	56228565	NC_000016.9
cg10721834	2.87E-18	5.89E-20	1.02E+01	34.4723347	1.88E-01	22990066	22990189	NC_000019.9
cg02081266	2.88E-18	5.92E-20	1.02E+01	34.4664128	2.82E-01	59529618	59529741	NC_000017.10
cg12465501	2.90E-18	5.96E-20	1.02E+01	34.4607246	1.53E-01	211518776	211518899	NC_000001.10
cg10717869	2.91E-18	5.98E-20	1.02E+01	34.4566626	1.98E-01	205780912	205781035	NC_000001.10

cg15416279	2.92E-18	6.00E-20	1.02E+01	34.4541461	2.14E-01	3606795	3606918	NC_000005.9
cg10586087	2.92E-18	6.01E-20	1.02E+01	34.4521037	7.12E-02	148376773	148376896	NC_000005.9
cg14114931	2.92E-18	6.01E-20	1.02E+01	34.4510065	1.25E-01	50943910	50944033	NC_000022.10
cg13805533	2.93E-18	6.03E-20	1.02E+01	34.4476159	1.51E-01	19674482	19674605	NC_000020.10
cg27142536	2.94E-18	6.05E-20	1.02E+01	34.4449702	2.42E-01	20618198	20618321	NC_000011.9
cg26344513	2.94E-18	6.05E-20	1.02E+01	34.4447704	1.60E-01	22930613	22930736	NC_000015.9
cg26777883	2.96E-18	6.09E-20	1.02E+01	34.4388253	2.87E-01	688417	688540	NC_000008.10
cg15448975	2.96E-18	6.10E-20	1.02E+01	34.4373603	1.66E-01	5894930	5895053	NC_000004.11
cg20707345	2.98E-18	6.14E-20	1.02E+01	34.4305719	1.07E-01	67695867	67695990	NC_000016.9
cg13449606	3.00E-18	6.18E-20	1.02E+01	34.4248386	5.73E-02	27686328	27686451	NC_000001.10
cg12299795	3.00E-18	6.19E-20	1.02E+01	34.4221897	2.29E-01	64982093	64982216	NC_000001.10
cg07929264	3.01E-18	6.20E-20	1.02E+01	34.4213779	1.47E-01	89064822	89064945	NC_000002.11
cg13748640	3.01E-18	6.20E-20	1.02E+01	34.4204962	1.34E-01	102858493	102858616	NC_000009.11
cg02253760	3.01E-18	6.21E-20	1.02E+01	34.4187894	2.98E-01	147077616	147077739	NC_000003.11
cg21286173	3.02E-18	6.23E-20	1.02E+01	34.4161664	7.32E-02	38121490	38121613	NC_000008.10
cg15577706	3.02E-18	6.23E-20	1.02E+01	34.4161137	8.76E-02	33763575	33763698	NC_000017.10
cg06749715	3.02E-18	6.23E-20	1.02E+01	34.4156858	2.61E-01	37132291	37132414	NC_000014.8
cg12933903	3.04E-18	6.28E-20	1.02E+01	34.4086889	1.50E-01	20223923	20224046	NC_000003.11
cg11171221	3.05E-18	6.29E-20	1.02E+01	34.4066327	2.30E-01	124902844	124902967	NC_000010.10
cg26330304	3.05E-18	6.30E-20	1.02E+01	34.4057217	1.92E-01	90569017	90569140	NC_000015.9
cg22603247	3.08E-18	6.35E-20	1.02E+01	34.3968302	3.26E-01	124907553	124907676	NC_000010.10
cg15260552	3.08E-18	6.36E-20	1.02E+01	34.3960322	9.66E-02	64338402	64338525	NC_000012.11
cg24773418	3.09E-18	6.39E-20	1.02E+01	34.3905446	2.83E-01	33402512	33402635	NC_000014.8
cg04784475	3.10E-18	6.41E-20	1.02E+01	34.3882382	2.45E-01	38183130	38183253	NC_000019.9
cg25051341	3.10E-18	6.41E-20	1.02E+01	34.3878368	3.09E-01	100061307	100061430	NC_000006.11



cg09507526	3.10E-18	6.41E-20	1.02E+01	34.3877413	2.80E-01	23847816	23847939	NC_000016.9
cg18331515	3.10E-18	6.41E-20	1.02E+01	34.3874002	2.93E-01	178772385	178772508	NC_000005.9
cg06055845	3.10E-18	6.42E-20	1.02E+01	34.385907	1.54E-01	40788787	40788910	NC_000019.9
cg13063344	3.12E-18	6.47E-20	1.02E+01	34.378967	2.40E-01	132906443	132906566	NC_000012.11
cg22115076	3.13E-18	6.47E-20	1.02E+01	34.3779008	2.31E-01	50673588	50673711	NC_000005.9
cg12489915	3.14E-18	6.50E-20	1.02E+01	34.373405	1.66E-01	49194795	49194918	NC_000017.10
cg25681339	3.16E-18	6.54E-20	1.02E+01	34.368409	2.14E-01	1174148	1174271	NC_000017.10
cg09359114	3.16E-18	6.55E-20	1.02E+01	34.36665	2.40E-01	96650096	96650219	NC_000007.13
cg19107469	3.17E-18	6.57E-20	1.02E+01	34.3639382	1.93E-01	55200445	55200568	NC_000020.10
cg07598407	3.17E-18	6.57E-20	1.02E+01	34.3630471	1.31E-01	145048767	145048890	NC_000008.10
cg11403907	3.19E-18	6.62E-20	1.02E+01	34.3565168	1.86E-01	98569645	98569768	NC_000001.10
cg25943821	3.19E-18	6.62E-20	1.02E+01	34.3558641	1.22E-01	32283464	32283587	NC_000003.11
cg05976714	3.20E-18	6.63E-20	1.02E+01	34.3541513	2.62E-01	180076481	180076604	NC_000005.9
cg00663972	3.21E-18	6.65E-20	1.02E+01	34.351129	2.17E-01	112721725	112721848	NC_000013.10
cg04342955	3.21E-18	6.66E-20	1.02E+01	34.3504156	3.17E-01	12995296	12995419	NC_000016.9
cg03011535	3.22E-18	6.69E-20	1.02E+01	34.3451389	2.87E-01	42544794	42544917	NC_000020.10
cg09234616	3.24E-18	6.73E-20	1.02E+01	34.3401065	2.03E-01	32452592	32452715	NC_000011.9
cg18468354	3.26E-18	6.78E-20	1.02E+01	34.3318206	2.36E-01	36993517	36993640	NC_000014.8
cg07912789	3.26E-18	6.78E-20	1.02E+01	34.3317217	2.45E-01	3600273	3600396	NC_000012.11
cg19651132	3.29E-18	6.84E-20	1.02E+01	34.323773	3.00E-01	5018805	5018928	NC_000012.11
cg00209893	3.32E-18	6.90E-20	1.02E+01	34.3145222	7.90E-02	220097009	220097132	NC_000002.11
cg08526991	3.34E-18	6.96E-20	1.02E+01	34.3059898	2.09E-01	5831394	5831517	NC_000002.11
cg01889143	3.35E-18	6.98E-20	1.02E+01	34.3039798	2.72E-01	134825791	134825914	NC_000005.9
cg00966405	3.39E-18	7.06E-20	1.02E+01	34.2924162	1.38E-01	5535748	5535871	NC_000007.13
cg15607538	3.39E-18	7.06E-20	1.02E+01	34.2915077	3.13E-01	133484853	133484976	NC_000012.11

cg02012771	3.39E-18	7.07E-20	1.02E+01	34.2911491	9.15E-02	75646783	75646906	NC_000015.9
cg16638540	3.40E-18	7.09E-20	1.02E+01	34.2879775	2.20E-01	58570468	58570591	NC_000019.9
cg26886462	3.42E-18	7.13E-20	1.02E+01	34.2823184	1.24E-01	155108449	155108572	NC_000005.9
cg08790440	3.42E-18	7.13E-20	1.02E+01	34.2817986	1.69E-01	124782831	124782954	NC_000002.11
cg14610335	3.42E-18	7.14E-20	1.02E+01	34.2813804	1.42E-01	117012651	117012774	NC_000009.11
cg09937500	3.42E-18	7.14E-20	1.02E+01	34.2805565	1.47E-01	208175271	208175394	NC_000002.11
cg01080927	3.43E-18	7.15E-20	1.02E+01	34.2795289	1.77E-01	125341187	125341310	NC_000006.11
cg00557947	3.43E-18	7.16E-20	1.02E+01	34.2780276	2.96E-01	102419245	102419368	NC_000010.10
cg02350039	3.45E-18	7.21E-20	1.02E+01	34.271247	1.64E-01	138813263	138813386	NC_000006.11
cg26737985	3.45E-18	7.21E-20	1.02E+01	34.2711632	2.05E-01	170263544	170263667	NC_000004.11
cg08182446	3.47E-18	7.24E-20	1.02E+01	34.2671558	2.65E-01	27216012	27216135	NC_000015.9
cg00346208	3.48E-18	7.27E-20	1.02E+01	34.2628235	1.73E-01	20669905	20670028	NC_000001.10
cg00808403	3.50E-18	7.32E-20	1.02E+01	34.2568089	1.02E-01	47052636	47052759	NC_000003.11
cg25712695	3.51E-18	7.34E-20	1.02E+01	34.2532951	8.77E-02	120741653	120741776	NC_000012.11
cg20649017	3.53E-18	7.39E-20	1.02E+01	34.2469435	2.46E-01	176980837	176980960	NC_000002.11
cg08355659	3.55E-18	7.42E-20	1.02E+01	34.2430536	1.48E-01	54399190	54399313	NC_000012.11
cg23690166	3.57E-18	7.46E-20	1.02E+01	34.2370503	2.31E-01	46711017	46711140	NC_000017.10
cg27038101	3.57E-18	7.47E-20	1.02E+01	34.2367274	1.53E-01	67965804	67965927	NC_000016.9
cg23938834	3.57E-18	7.48E-20	1.02E+01	34.2350741	1.28E-01	101303628	101303751	NC_000008.10
cg10406295	3.58E-18	7.49E-20	1.02E+01	34.232955	2.65E-01	41167113	41167236	NC_000008.10
cg27125965	3.60E-18	7.53E-20	1.02E+01	34.2280068	1.00E-01	11707246	11707369	NC_000019.9
cg12513880	3.60E-18	7.54E-20	1.02E+01	34.2265113	2.38E-01	115136298	115136421	NC_000012.11
cg26664161	3.60E-18	7.54E-20	1.02E+01	34.2263125	2.14E-01	135265937	135266060	NC_000005.9
cg26306435	3.60E-18	7.55E-20	1.02E+01	34.225748	1.40E-01	125805783	125805906	NC_000010.10
cg14125530	3.62E-18	7.59E-20	1.02E+01	34.2207576	1.16E-01	70329240	70329363	NC_000012.11

cg09266229	3.62E-18	7.59E-20	1.02E+01	34.2204876	1.16E-01	111697455	111697578	NC_000013.10
cg18017383	3.64E-18	7.62E-20	1.02E+01	34.2162604	1.11E-01	51379874	51379997	NC_000003.11
cg01054478	3.64E-18	7.63E-20	1.02E+01	34.2154646	2.37E-01	180100963	180101086	NC_000005.9
cg17092583	3.66E-18	7.67E-20	1.02E+01	34.2094258	7.09E-02	735575	735698	NC_000011.9
cg00004996	3.66E-18	7.69E-20	1.02E+01	34.2078586	1.17E-01	17271535	17271658	NC_000008.10
cg23714705	3.68E-18	7.72E-20	1.02E+01	34.2035862	1.48E-01	134360912	134361035	NC_000010.10
cg20978694	3.69E-18	7.75E-20	1.02E+01	34.1994349	2.75E-01	2061804	2061927	NC_000004.11
cg14352682	3.71E-18	7.78E-20	1.02E+01	34.1952709	1.35E-01	30614168	30614291	NC_000006.11
cg00463011	3.73E-18	7.83E-20	1.02E+01	34.189236	1.37E-01	30550239	30550362	NC_000016.9
cg21758446	3.74E-18	7.85E-20	1.02E+01	34.1873502	1.32E-01	71518879	71519002	NC_000012.11
cg06034255	3.77E-18	7.93E-20	1.02E+01	34.1772354	1.29E-01	125806958	125807081	NC_000010.10
cg07568194	3.78E-18	7.94E-20	1.02E+01	34.1761675	2.27E-01	77468850	77468973	NC_000016.9
cg04086977	3.78E-18	7.94E-20	1.02E+01	34.1758766	1.10E-01	134829832	134829955	NC_000010.10
cg27009556	3.79E-18	7.96E-20	1.02E+01	34.1725851	1.40E-01	81813969	81814092	NC_000016.9
cg12284836	3.80E-18	7.98E-20	1.02E+01	34.1702762	1.08E-01	36481121	36481244	NC_000007.13
cg14908122	3.80E-18	7.99E-20	1.02E+01	34.1687522	3.98E-02	120971358	120971481	NC_000012.11
cg19685567	3.82E-18	8.03E-20	1.02E+01	34.1640953	7.83E-02	155639944	155640067	NC_000007.13
cg12356890	3.82E-18	8.04E-20	1.02E+01	34.1626622	3.99E-01	11059727	11059850	NC_000010.10
cg21629500	3.83E-18	8.06E-20	1.02E+01	34.1603811	2.87E-01	2754753	2754876	NC_000005.9
cg24035107	3.84E-18	8.07E-20	1.02E+01	34.1594073	2.34E-01	2394399	2394522	NC_000017.10
cg19014214	3.84E-18	8.08E-20	1.02E+01	34.1581664	1.48E-01	122230364	122230487	NC_000011.9
cg05409693	3.87E-18	8.15E-20	1.02E+01	34.1491556	1.60E-01	78680140	78680263	NC_000012.11
cg12887317	3.88E-18	8.17E-20	1.02E+01	34.1475449	1.06E-01	42921456	42921579	NC_000005.9
cg23204113	3.90E-18	8.21E-20	1.02E+01	34.1423266	1.49E-01	91408027	91408150	NC_000010.10
cg21643731	3.90E-18	8.23E-20	1.02E+01	34.1402045	8.03E-02	133545053	133545176	NC_000007.13

cg06341513	3.91E-18	8.23E-20	1.02E+01	34.1398496	3.45E-01	61277017	61277140	NC_000011.9
cg04507915	3.93E-18	8.28E-20	1.02E+01	34.1343208	1.55E-01	32861407	32861530	NC_000003.11
cg23786625	3.93E-18	8.29E-20	1.02E+01	34.1327605	2.64E-01	106402741	106402864	NC_000010.10
cg02657836	3.93E-18	8.30E-20	1.02E+01	34.1320411	1.94E-01	155109126	155109249	NC_000005.9
cg23151051	3.93E-18	8.30E-20	1.02E+01	34.1319799	1.19E-01	75789908	75790031	NC_000002.11
cg27223047	3.96E-18	8.37E-20	1.02E+01	34.1236076	2.41E-01	127874825	127874948	NC_000005.9
cg04658707	3.98E-18	8.40E-20	1.02E+01	34.1199465	1.59E-01	47453889	47454012	NC_000021.8
cg18533546	3.99E-18	8.42E-20	1.02E+01	34.1177915	1.05E-01	1845250	1845373	NC_000008.10
cg00745725	3.99E-18	8.43E-20	1.02E+01	34.1165346	2.18E-01	27216288	27216411	NC_000015.9
cg00551679	4.00E-18	8.45E-20	1.02E+01	34.1142756	2.19E-01	86547530	86547653	NC_000016.9
cg20422099	4.00E-18	8.45E-20	1.02E+01	34.1139347	2.86E-01	178771393	178771516	NC_000005.9
cg06496344	4.03E-18	8.51E-20	1.02E+01	34.1069105	2.51E-01	23253834	23253957	NC_000019.9
cg17749384	4.04E-18	8.54E-20	1.02E+01	34.1029655	1.87E-01	28571186	28571309	NC_000010.10
cg24313571	4.05E-18	8.55E-20	1.02E+01	34.1016362	1.60E-01	823352	823475	NC_000011.9
cg01495122	4.08E-18	8.63E-20	1.02E+01	34.0925085	2.09E-01	41167087	41167210	NC_000008.10
cg08140236	4.09E-18	8.66E-20	1.02E+01	34.0897439	8.50E-02	337132	337255	NC_000016.9
cg16218477	4.10E-18	8.67E-20	1.02E+01	34.087978	1.59E-01	1066167	1066290	NC_000007.13
cg16642284	4.11E-18	8.69E-20	1.02E+01	34.0862828	3.51E-01	129535378	129535501	NC_000010.10
cg21363377	4.11E-18	8.70E-20	1.02E+01	34.0852368	1.49E-01	127651533	127651656	NC_000007.13
cg18716083	4.14E-18	8.76E-20	1.02E+01	34.0778288	1.26E-01	111506418	111506541	NC_000005.9
cg09894698	4.18E-18	8.86E-20	1.02E+01	34.066886	2.78E-01	2291347	2291470	NC_000011.9
cg12213850	4.18E-18	8.86E-20	1.02E+01	34.0666275	5.87E-02	71157272	71157395	NC_000010.10
cg14526718	4.23E-18	8.97E-20	1.02E+01	34.0546312	2.26E-01	176932840	176932963	NC_000002.11
cg23944586	4.27E-18	9.06E-20	1.02E+01	34.0449415	7.49E-02	19598794	19598917	NC_000011.9
cg18202449	4.28E-18	9.07E-20	1.02E+01	34.0431642	2.72E-01	50513654	50513777	NC_000001.10

cg14238959	4.28E-18	9.08E-20	1.02E+01	34.0425543	2.54E-01	114885270	114885393	NC_000012.11
cg10339775	4.28E-18	9.09E-20	1.02E+01	34.0416435	7.78E-02	111493027	111493150	NC_000007.13
cg23235241	4.28E-18	9.10E-20	1.02E+01	34.0406623	3.16E-01	25704505	25704628	NC_000016.9
cg15501942	4.31E-18	9.16E-20	1.02E+01	34.0342456	1.53E-01	2482442	2482565	NC_000011.9
cg13070156	4.33E-18	9.20E-20	1.02E+01	34.029351	1.00E-01	134997000	134997123	NC_000010.10
cg19998400	4.35E-18	9.25E-20	1.02E+01	34.0238432	8.79E-02	235875195	235875318	NC_000002.11
cg02344784	4.36E-18	9.27E-20	1.02E+01	34.0215205	2.04E-01	104178138	104178261	NC_000012.11
cg20604446	4.37E-18	9.29E-20	1.02E+01	34.0203718	1.47E-01	175292778	175292901	NC_000002.11
cg05576262	4.43E-18	9.42E-20	1.02E+01	34.0056832	2.49E-01	3234344	3234467	NC_000016.9
cg15921239	4.44E-18	9.45E-20	1.02E+01	34.0025331	1.59E-01	35765215	35765338	NC_000006.11
cg15393022	4.44E-18	9.45E-20	1.02E+01	34.0025101	1.38E-01	54775837	54775960	NC_000001.10
cg03574652	4.46E-18	9.49E-20	1.02E+01	33.9988894	1.20E-01	187100815	187100938	NC_000003.11
cg15484532	4.49E-18	9.57E-20	1.02E+01	33.990651	2.03E-01	4714171	4714294	NC_000001.10
cg07362258	4.51E-18	9.61E-20	1.02E+01	33.9865603	1.08E-01	41109707	41109830	NC_000013.10
cg11763094	4.53E-18	9.65E-20	1.02E+01	33.9820008	2.40E-01	84322323	84322446	NC_000015.9
cg24042452	4.58E-18	9.77E-20	1.02E+01	33.9703384	1.59E-01	156305664	156305787	NC_000001.10
cg18368845	4.62E-18	9.84E-20	1.02E+01	33.9624929	1.81E-01	41173440	41173563	NC_000013.10
cg25942450	4.65E-18	9.93E-20	1.02E+01	33.9535733	1.85E-01	170736251	170736374	NC_000005.9
cg18465962	4.66E-18	9.94E-20	1.02E+01	33.9527113	9.28E-02	100767262	100767385	NC_000007.13
cg08190858	4.68E-18	9.99E-20	1.02E+01	33.9478417	2.74E-01	54321346	54321469	NC_000012.11
cg08445263	4.69E-18	1.00E-19	1.02E+01	33.9454197	2.22E-01	27216277	27216400	NC_000015.9
cg16504626	4.70E-18	1.00E-19	1.02E+01	33.9423966	3.04E-01	57070013	57070136	NC_000008.10
cg25690589	4.74E-18	1.01E-19	1.02E+01	33.9344695	1.31E-01	60285478	60285601	NC_000015.9
cg16206659	4.80E-18	1.03E-19	1.02E+01	33.9206025	2.15E-01	189203762	189203885	NC_000004.11
cg16752876	4.82E-18	1.03E-19	1.02E+01	33.9150806	2.19E-01	19553237	19553360	NC_000002.11

cg10039444	4.82E-18	1.03E-19	1.02E+01	33.9147185	8.77E-02	56233676	56233799	NC_000014.8
cg19019537	4.83E-18	1.03E-19	1.02E+01	33.9129653	3.63E-01	495817	495940	NC_000008.10
cg08086720	4.84E-18	1.04E-19	1.02E+01	33.9117858	2.65E-01	115135003	115135126	NC_000012.11
cg21389753	4.86E-18	1.04E-19	1.01E+01	33.9059492	2.39E-01	59480674	59480797	NC_000017.10
cg24457118	4.90E-18	1.05E-19	1.01E+01	33.898183	1.81E-01	155167337	155167460	NC_000001.10
cg15736783	4.92E-18	1.05E-19	1.01E+01	33.8944939	8.45E-02	80178612	80178735	NC_000006.11
cg21210370	4.93E-18	1.06E-19	1.01E+01	33.8926423	1.15E-01	143609637	143609760	NC_000008.10
cg19951107	4.94E-18	1.06E-19	1.01E+01	33.8886776	1.37E-01	111760098	111760221	NC_000003.11
cg05936441	4.96E-18	1.06E-19	1.01E+01	33.8857795	1.81E-01	37356844	37356967	NC_000020.10
cg17352975	4.98E-18	1.07E-19	1.01E+01	33.8808939	2.56E-01	5297429	5297552	NC_000020.10
cg15563974	4.99E-18	1.07E-19	1.01E+01	33.8798982	8.23E-02	38864256	38864379	NC_000019.9
cg08809260	5.00E-18	1.07E-19	1.01E+01	33.8758595	1.95E-01	177054140	177054263	NC_000002.11
cg07136554	5.04E-18	1.08E-19	1.01E+01	33.868567	1.12E-01	52542167	52542290	NC_000014.8
cg02213822	5.07E-18	1.09E-19	1.01E+01	33.8620644	1.29E-01	128985576	128985699	NC_000009.11
cg06651311	5.09E-18	1.09E-19	1.01E+01	33.858613	2.90E-01	37246230	37246353	NC_000004.11
cg14377687	5.10E-18	1.10E-19	1.01E+01	33.8560341	1.24E-01	1220228	1220351	NC_000011.9
cg09171111	5.14E-18	1.11E-19	1.01E+01	33.8475421	1.56E-01	100506730	100506853	NC_000001.10
cg06226516	5.14E-18	1.11E-19	1.01E+01	33.8474101	1.37E-01	13072314	13072437	NC_000007.13
cg03299269	5.15E-18	1.11E-19	1.01E+01	33.8448338	1.16E-01	250003	250126	NC_000002.11
cg05132851	5.16E-18	1.11E-19	1.01E+01	33.8430005	1.35E-01	134828962	134829085	NC_000010.10
cg01408881	5.16E-18	1.11E-19	1.01E+01	33.8427405	9.81E-02	65566249	65566372	NC_000012.11
cg05573844	5.17E-18	1.11E-19	1.01E+01	33.8410269	2.12E-01	54354590	54354713	NC_000012.11
cg22192275	5.20E-18	1.12E-19	1.01E+01	33.8352129	1.48E-01	217528557	217528680	NC_000002.11
cg20517050	5.20E-18	1.12E-19	1.01E+01	33.8341729	2.42E-01	27183806	27183929	NC_000007.13
cg09537620	5.21E-18	1.12E-19	1.01E+01	33.8334245	2.29E-01	31826574	31826697	NC_000011.9

cg18318715	5.21E-18	1.12E-19	1.01E+01	33.8327545	5.23E-02	181068076	181068199	NC_000001.10
cg11323198	5.25E-18	1.13E-19	1.01E+01	33.8246364	2.32E-01	62069806	62069929	NC_000016.9
cg23349790	5.26E-18	1.13E-19	1.01E+01	33.8231092	2.92E-01	18434576	18434699	NC_000001.10
cg22758454	5.27E-18	1.13E-19	1.01E+01	33.8217238	2.45E-01	16570483	16570606	NC_000017.10
cg26168118	5.32E-18	1.15E-19	1.01E+01	33.8119724	1.60E-01	105751711	105751834	NC_000014.8
cg22173510	5.32E-18	1.15E-19	1.01E+01	33.811203	1.60E-01	753400	753523	NC_000017.10
cg12612118	5.37E-18	1.16E-19	1.01E+01	33.8012498	2.83E-01	392555	392678	NC_000006.11
cg01501009	5.45E-18	1.18E-19	1.01E+01	33.7860657	2.13E-01	57183268	57183391	NC_000019.9
cg09286367	5.47E-18	1.18E-19	1.01E+01	33.7833439	1.47E-01	5535692	5535815	NC_000007.13
cg21200408	5.47E-18	1.18E-19	1.01E+01	33.7832034	2.51E-01	21378211	21378334	NC_000020.10
cg02307288	5.50E-18	1.19E-19	1.01E+01	33.7764494	1.17E-01	135549111	135549234	NC_000005.9
cg27518272	5.52E-18	1.19E-19	1.01E+01	33.7724978	8.97E-02	63918395	63918518	NC_000003.11
cg08286181	5.54E-18	1.20E-19	1.01E+01	33.7690794	2.33E-01	115134991	115135114	NC_000012.11
cg18749629	5.57E-18	1.20E-19	1.01E+01	33.7632284	7.74E-02	144566769	144566892	NC_000008.10
cg18401406	5.57E-18	1.20E-19	1.01E+01	33.7627614	9.13E-02	37247537	37247660	NC_000013.10
cg12498326	5.60E-18	1.21E-19	1.01E+01	33.7572641	9.01E-02	130599682	130599805	NC_000012.11
cg12258042	5.61E-18	1.21E-19	1.01E+01	33.7558987	2.45E-01	4852036	4852159	NC_000008.10
cg20670075	5.68E-18	1.23E-19	1.01E+01	33.7422751	2.27E-01	113909388	113909511	NC_000012.11
cg26328510	5.69E-18	1.23E-19	1.01E+01	33.7414547	3.29E-01	11059718	11059841	NC_000010.10
cg15294361	5.70E-18	1.23E-19	1.01E+01	33.738579	4.38E-02	675222	675345	NC_000012.11
cg02203336	5.70E-18	1.23E-19	1.01E+01	33.7379907	1.54E-01	31031755	31031878	NC_000002.11
cg09237849	5.84E-18	1.26E-19	1.01E+01	33.7139391	9.03E-02	22974668	22974791	NC_000008.10
cg15724256	5.84E-18	1.27E-19	1.01E+01	33.7137608	2.19E-01	119602857	119602980	NC_000002.11
cg15251319	5.87E-18	1.27E-19	1.01E+01	33.7088922	8.06E-02	194836302	194836425	NC_000003.11
cg27205902	5.88E-18	1.27E-19	1.01E+01	33.7066417	1.52E-01	1006985	1007108	NC_000011.9

cg25574603	5.89E-18	1.28E-19	1.01E+01	33.704232	1.33E-01	13256766	13256889	NC_000012.11
cg15767218	5.91E-18	1.28E-19	1.01E+01	33.7013491	1.55E-01	69949353	69949476	NC_000011.9
cg14386867	5.93E-18	1.29E-19	1.01E+01	33.6966168	7.82E-02	140086051	140086174	NC_000009.11
cg15993401	5.94E-18	1.29E-19	1.01E+01	33.6958275	1.17E-01	31079306	31079429	NC_000006.11
cg27357571	5.94E-18	1.29E-19	1.01E+01	33.6948307	2.60E-01	34398226	34398349	NC_000021.8
cg19026124	5.95E-18	1.29E-19	1.01E+01	33.6940641	1.46E-01	6056784	6056907	NC_000020.10
cg15625675	5.98E-18	1.30E-19	1.01E+01	33.689014	1.22E-01	114957464	114957587	NC_000005.9
cg13044838	5.99E-18	1.30E-19	1.01E+01	33.6859939	6.17E-02	61594176	61594299	NC_000020.10
cg10511902	6.00E-18	1.30E-19	1.01E+01	33.6848798	1.52E-01	91842949	91843072	NC_000014.8
cg05647602	6.04E-18	1.31E-19	1.01E+01	33.6783114	1.05E-01	18258664	18258787	NC_000022.10
cg26937772	6.05E-18	1.31E-19	1.01E+01	33.6765133	1.27E-01	56704905	56705028	NC_000016.9
cg23316360	6.06E-18	1.32E-19	1.01E+01	33.6743501	2.24E-01	78492916	78493039	NC_000013.10
cg12716639	6.08E-18	1.32E-19	1.01E+01	33.6699727	1.70E-01	119234198	119234321	NC_000011.9
cg22599115	6.10E-18	1.33E-19	1.01E+01	33.6674442	1.06E-01	1223262	1223385	NC_000005.9
cg09590897	6.14E-18	1.34E-19	1.01E+01	33.6595395	1.47E-01	3961702	3961825	NC_000019.9
cg17160984	6.17E-18	1.34E-19	1.01E+01	33.655785	1.50E-01	131765778	131765901	NC_000010.10
cg16449219	6.17E-18	1.34E-19	1.01E+01	33.6544349	2.36E-01	51290169	51290292	NC_000014.8
cg09410234	6.17E-18	1.34E-19	1.01E+01	33.6542588	2.79E-01	111217715	111217838	NC_000001.10
cg16927040	6.18E-18	1.34E-19	1.01E+01	33.6537115	2.10E-01	187388128	187388251	NC_000003.11
cg22512256	6.21E-18	1.35E-19	1.01E+01	33.6479453	1.15E-01	8221132	8221255	NC_000004.11
cg17101296	6.21E-18	1.35E-19	1.01E+01	33.6478502	2.66E-01	145925708	145925831	NC_000008.10
cg26988853	6.21E-18	1.35E-19	1.01E+01	33.6478171	1.20E-01	67695978	67696101	NC_000016.9
cg14229207	6.22E-18	1.35E-19	1.01E+01	33.6460861	2.51E-01	135929747	135929870	NC_000009.11
cg00329272	6.23E-18	1.36E-19	1.01E+01	33.64459	1.13E-01	3191481	3191604	NC_000001.10
cg27284034	6.25E-18	1.36E-19	1.01E+01	33.6404223	1.36E-01	75252211	75252334	NC_000016.9



cg12351768	6.26E-18	1.36E-19	1.01E+01	33.639431	1.89E-01	113296192	113296315	NC_000013.10
cg00316508	6.26E-18	1.36E-19	1.01E+01	33.6392065	9.86E-02	146828698	146828821	NC_000004.11
cg13488201	6.27E-18	1.37E-19	1.01E+01	33.6363661	1.86E-01	128077323	128077446	NC_000010.10
cg23245711	6.31E-18	1.38E-19	1.01E+01	33.6296198	1.50E-01	48413678	48413801	NC_000003.11
cg13476204	6.35E-18	1.39E-19	1.01E+01	33.6226351	1.86E-01	75241216	75241339	NC_000016.9
cg20337445	6.37E-18	1.39E-19	1.01E+01	33.6205467	1.04E-01	35947818	35947941	NC_000022.10
cg16964348	6.39E-18	1.39E-19	1.01E+01	33.6169495	3.65E-01	24323799	24323922	NC_000007.13
cg04704085	6.44E-18	1.41E-19	1.01E+01	33.6082794	1.23E-01	47513235	47513358	NC_000022.10
cg04669574	6.46E-18	1.41E-19	1.01E+01	33.604787	2.26E-01	50297945	50298068	NC_000012.11
cg14885748	6.46E-18	1.41E-19	1.01E+01	33.6047816	2.20E-01	127211262	127211385	NC_000012.11
cg03897125	6.51E-18	1.42E-19	1.01E+01	33.596921	6.62E-02	73767359	73767482	NC_000010.10
cg25976755	6.57E-18	1.44E-19	1.01E+01	33.5861778	1.11E-01	2481495	2481618	NC_000011.9
cg22843912	6.59E-18	1.44E-19	1.01E+01	33.5832137	1.14E-01	121274655	121274778	NC_000012.11
cg08453021	6.60E-18	1.44E-19	1.01E+01	33.5826017	2.72E-01	37488575	37488698	NC_000007.13
cg10432569	6.63E-18	1.45E-19	1.01E+01	33.5769924	2.41E-01	46709858	46709981	NC_000017.10
cg17294725	6.65E-18	1.46E-19	1.01E+01	33.5741277	1.68E-01	1272559	1272682	NC_000007.13
cg09799658	6.66E-18	1.46E-19	1.01E+01	33.5718879	2.55E-01	19157304	19157427	NC_000007.13
cg00712762	6.67E-18	1.46E-19	1.01E+01	33.5702466	9.45E-02	36351470	36351593	NC_000001.10
cg25574024	6.72E-18	1.47E-19	1.01E+01	33.5624937	2.51E-01	2161894	2162017	NC_000011.9
cg10629020	6.75E-18	1.48E-19	1.01E+01	33.5585805	5.80E-02	981730	981853	NC_000017.10
cg05713044	6.80E-18	1.49E-19	1.01E+01	33.5506301	1.88E-01	16671496	16671619	NC_000005.9
cg23791824	6.80E-18	1.49E-19	1.01E+01	33.5498438	1.40E-01	56722243	56722366	NC_000020.10
cg25409794	6.80E-18	1.49E-19	1.01E+01	33.549783	3.07E-02	14020824	14020947	NC_000019.9
cg27088038	6.81E-18	1.49E-19	1.01E+01	33.5491149	1.16E-01	92959927	92960050	NC_000014.8
cg11548404	6.84E-18	1.50E-19	1.01E+01	33.5437748	1.11E-01	133076622	133076745	NC_000012.11

cg03511513	6.87E-18	1.51E-19	1.01E+01	33.5384231	1.49E-01	90472777	90472900	NC_000012.11
cg03315215	6.89E-18	1.51E-19	1.01E+01	33.5354438	2.26E-01	53422847	53422970	NC_000013.10
cg00017221	6.93E-18	1.52E-19	1.01E+01	33.5296454	2.36E-01	149719536	149719659	NC_000001.10
cg25015867	6.96E-18	1.53E-19	1.01E+01	33.5249472	2.43E-01	22929808	22929931	NC_000018.9
cg26329756	6.96E-18	1.53E-19	1.01E+01	33.5243928	7.16E-02	99250482	99250605	NC_000015.9
cg22746058	6.99E-18	1.54E-19	1.01E+01	33.5209086	2.13E-01	23481176	23481299	NC_000010.10
cg08031769	7.00E-18	1.54E-19	1.01E+01	33.5194069	1.56E-01	41042969	41043092	NC_000003.11
cg01674009	7.02E-18	1.54E-19	1.01E+01	33.5157371	1.21E-01	45655294	45655417	NC_000019.9
cg04617948	7.03E-18	1.55E-19	1.01E+01	33.5137694	2.33E-01	129535138	129535261	NC_000010.10
cg16935065	7.05E-18	1.55E-19	1.01E+01	33.511597	3.09E-01	107503233	107503356	NC_000002.11
cg02035348	7.05E-18	1.55E-19	1.01E+01	33.5109185	8.41E-02	69624697	69624820	NC_000011.9
cg12637676	7.08E-18	1.56E-19	1.01E+01	33.5063674	1.47E-01	11587161	11587284	NC_000008.10
cg25724283	7.13E-18	1.57E-19	1.01E+01	33.4993843	2.60E-01	36705475	36705598	NC_000013.10
cg17535595	7.22E-18	1.59E-19	1.01E+01	33.4859429	3.34E-01	53422808	53422931	NC_000013.10
cg00318436	7.23E-18	1.59E-19	1.01E+01	33.484212	1.62E-01	67696181	67696304	NC_000016.9
cg00100012	7.23E-18	1.59E-19	1.01E+01	33.4841972	1.97E-01	37302983	37303106	NC_000020.10
cg02245533	7.23E-18	1.60E-19	1.01E+01	33.4832912	1.04E-01	735913	736036	NC_000011.9
cg12868970	7.24E-18	1.60E-19	1.01E+01	33.4826501	1.75E-01	189569600	189569723	NC_000003.11
cg10856812	7.24E-18	1.60E-19	1.01E+01	33.4818499	1.93E-01	117523153	117523276	NC_000012.11
cg15566448	7.28E-18	1.61E-19	1.01E+01	33.4765979	9.57E-02	11808230	11808353	NC_000001.10
cg05864326	7.31E-18	1.62E-19	1.01E+01	33.4710321	2.38E-01	177030150	177030273	NC_000002.11
cg11047382	7.31E-18	1.62E-19	1.01E+01	33.4708153	3.96E-02	1812614	1812737	NC_000008.10
cg14859460	7.39E-18	1.63E-19	1.01E+01	33.4605442	2.32E-01	178422244	178422367	NC_000005.9
cg13747435	7.47E-18	1.65E-19	1.01E+01	33.449031	4.73E-02	130631782	130631905	NC_000009.11
cg18051552	7.52E-18	1.66E-19	1.01E+01	33.4418505	1.40E-01	71548732	71548855	NC_000006.11

cg16856286	7.56E-18	1.67E-19	1.01E+01	33.4365669	2.50E-01	54332992	54333115	NC_000012.11
cg24158307	7.57E-18	1.67E-19	1.01E+01	33.4356516	4.21E-02	95599667	95599790	NC_000014.8
cg22655696	7.58E-18	1.68E-19	1.01E+01	33.4345089	1.65E-01	131757191	131757314	NC_000010.10
cg18297437	7.59E-18	1.68E-19	1.01E+01	33.4325554	1.93E-01	147131332	147131455	NC_000003.11
cg17911318	7.60E-18	1.68E-19	1.01E+01	33.4311489	2.68E-01	74962000	74962123	NC_000018.9
cg10594506	7.68E-18	1.70E-19	1.01E+01	33.4197909	7.96E-02	155166889	155167012	NC_000001.10
cg09204108	7.75E-18	1.72E-19	1.01E+01	33.410063	1.49E-01	42211679	42211802	NC_000015.9
cg21851672	7.81E-18	1.73E-19	1.01E+01	33.4016473	1.80E-01	200007863	200007986	NC_000001.10
cg06748955	7.86E-18	1.75E-19	1.01E+01	33.3949614	1.07E-01	3094696	3094819	NC_000001.10
cg08540745	7.88E-18	1.75E-19	1.01E+01	33.3930557	1.75E-01	25867637	25867760	NC_000001.10
cg00014998	7.93E-18	1.76E-19	1.01E+01	33.3863138	2.13E-01	177014962	177015085	NC_000002.11
cg04249642	7.98E-18	1.77E-19	1.01E+01	33.3798317	1.12E-01	8117354	8117477	NC_000010.10
cg08684959	7.98E-18	1.77E-19	1.01E+01	33.3793754	8.66E-02	70031709	70031832	NC_000011.9
cg06121800	7.99E-18	1.77E-19	1.01E+01	33.3783707	7.20E-02	134996984	134997107	NC_000010.10
cg25400358	7.99E-18	1.77E-19	1.01E+01	33.3781413	1.37E-01	64054159	64054282	NC_000011.9
cg05658487	8.01E-18	1.78E-19	1.01E+01	33.3747956	1.91E-01	1887583	1887706	NC_000005.9
cg18664856	8.01E-18	1.78E-19	1.01E+01	33.3746229	9.33E-02	105240263	105240386	NC_000014.8
cg20505728	8.05E-18	1.79E-19	1.01E+01	33.3694756	1.23E-01	43800538	43800661	NC_000003.11
cg09717809	8.06E-18	1.79E-19	1.01E+01	33.3684674	1.99E-01	74375930	74376053	NC_000002.11
cg01790274	8.07E-18	1.79E-19	1.01E+01	33.3678395	1.23E-01	136241020	136241143	NC_000009.11
cg23508908	8.09E-18	1.80E-19	1.01E+01	33.3650634	1.15E-01	84771783	84771906	NC_000006.11
cg16890121	8.09E-18	1.80E-19	1.01E+01	33.364567	2.00E-01	28198579	28198702	NC_000013.10
cg22434409	8.10E-18	1.80E-19	1.01E+01	33.3633691	2.78E-01	21950722	21950845	NC_000004.11
cg26831119	8.11E-18	1.80E-19	1.01E+01	33.3624007	2.54E-01	111550830	111550953	NC_000004.11
cg09905605	8.13E-18	1.81E-19	1.01E+01	33.3591728	1.57E-01	31053323	31053446	NC_000016.9

cg17550175	8.23E-18	1.83E-19	1.01E+01	33.3473328	1.05E-01	95322270	95322393	NC_000010.10
cg13939859	8.27E-18	1.84E-19	1.01E+01	33.3410414	2.43E-01	91183519	91183642	NC_000001.10
cg04944090	8.30E-18	1.85E-19	1.01E+01	33.3379559	1.61E-01	85635486	85635609	NC_000016.9
cg14905600	8.32E-18	1.85E-19	1.01E+01	33.3351978	1.94E-01	134226361	134226484	NC_000010.10
cg23295683	8.32E-18	1.85E-19	1.01E+01	33.3350266	1.68E-01	81998796	81998919	NC_000014.8
cg24309428	8.32E-18	1.85E-19	1.01E+01	33.3348141	2.14E-01	89224381	89224504	NC_000011.9
cg03679565	8.41E-18	1.88E-19	1.01E+01	33.3235186	2.95E-01	1882775	1882898	NC_000005.9
cg26348803	8.41E-18	1.88E-19	1.01E+01	33.3225426	1.58E-01	202331299	202331422	NC_000001.10
cg27638288	8.44E-18	1.88E-19	1.01E+01	33.3191663	1.32E-01	12071946	12072069	NC_000011.9
cg05869438	8.46E-18	1.89E-19	1.01E+01	33.316585	9.98E-02	1112006	1112129	NC_000011.9
cg19962424	8.48E-18	1.89E-19	1.01E+01	33.3142527	2.15E-01	35110045	35110168	NC_000011.9
cg05590233	8.56E-18	1.91E-19	1.01E+01	33.3042416	1.08E-01	109545	109668	NC_000017.10
cg15890103	8.60E-18	1.92E-19	1.01E+01	33.2997716	7.54E-02	86663160	86663283	NC_000011.9
cg27398263	8.61E-18	1.92E-19	1.01E+01	33.2985412	3.17E-01	79177700	79177823	NC_000013.10
cg21787249	8.63E-18	1.93E-19	1.01E+01	33.2957283	1.58E-01	39230144	39230267	NC_000003.11
cg14024893	8.65E-18	1.93E-19	1.01E+01	33.2927871	1.39E-01	139943146	139943269	NC_000009.11
cg05815404	8.74E-18	1.95E-19	1.01E+01	33.2825207	1.89E-01	78825501	78825624	NC_000017.10
cg18113295	8.75E-18	1.96E-19	1.01E+01	33.2813472	1.51E-01	232135730	232135853	NC_000002.11
cg06758591	8.75E-18	1.96E-19	1.01E+01	33.2807092	1.34E-01	177140203	177140326	NC_000001.10
cg14391419	8.76E-18	1.96E-19	1.01E+01	33.2798081	2.48E-01	19158647	19158770	NC_000007.13
cg14168530	8.77E-18	1.96E-19	1.01E+01	33.2789399	3.23E-01	45155991	45156114	NC_000002.11
cg23204707	8.80E-18	1.97E-19	1.01E+01	33.2754761	8.00E-02	234726683	234726806	NC_000002.11
cg20792062	8.90E-18	1.99E-19	1.01E+01	33.2632955	1.87E-01	5153288	5153411	NC_000012.11
cg12766736	8.90E-18	1.99E-19	1.01E+01	33.2628921	1.37E-01	32460656	32460779	NC_000011.9
cg14394550	8.93E-18	2.00E-19	1.01E+01	33.2602035	2.59E-01	22548400	22548523	NC_000008.10

cg02316283	8.94E-18	2.00E-19	1.01E+01	33.2584449	5.07E-02	23313866	23313989	NC_000014.8
cg00388812	8.95E-18	2.01E-19	1.01E+01	33.2569646	1.63E-01	99961376	99961499	NC_000008.10
cg09888049	8.96E-18	2.01E-19	1.01E+01	33.2564513	1.68E-01	114848083	114848206	NC_000013.10
cg02892577	8.96E-18	2.01E-19	1.01E+01	33.2553917	1.95E-01	121181759	121181882	NC_000010.10
cg09878914	8.98E-18	2.01E-19	1.01E+01	33.2528638	1.25E-01	31507316	31507439	NC_000006.11
cg15318546	9.01E-18	2.02E-19	1.01E+01	33.2501899	2.16E-01	133069091	133069214	NC_000012.11
cg22117637	9.01E-18	2.02E-19	1.01E+01	33.2493852	1.03E-01	223285495	223285618	NC_000002.11
cg10595406	9.05E-18	2.03E-19	1.00E+01	33.2453965	1.44E-01	2586303	2586426	NC_000017.10
cg22344581	9.06E-18	2.03E-19	1.00E+01	33.2438468	7.97E-02	30650712	30650835	NC_000017.10
cg25915838	9.06E-18	2.03E-19	1.00E+01	33.2434513	2.53E-01	100999077	100999200	NC_000011.9
cg06952671	9.06E-18	2.03E-19	1.00E+01	33.2431401	3.28E-01	182322268	182322391	NC_000002.11
cg02039267	9.08E-18	2.04E-19	1.00E+01	33.241361	1.88E-01	118894069	118894192	NC_000010.10
cg06427772	9.12E-18	2.05E-19	1.00E+01	33.2371671	7.40E-02	134230646	134230769	NC_000010.10
cg25631414	9.17E-18	2.06E-19	1.00E+01	33.2312408	8.61E-02	169641941	169642064	NC_000006.11
cg12396325	9.17E-18	2.06E-19	1.00E+01	33.2310775	2.28E-01	105235606	105235729	NC_000008.10
cg06200670	9.18E-18	2.06E-19	1.00E+01	33.2301981	1.37E-01	226730581	226730704	NC_000001.10
cg08845329	9.19E-18	2.06E-19	1.00E+01	33.2281446	9.50E-02	80932127	80932250	NC_000017.10
cg26468007	9.28E-18	2.09E-19	1.00E+01	33.2179795	2.95E-01	4998714	4998837	NC_000007.13
cg00682096	9.32E-18	2.10E-19	1.00E+01	33.2133903	2.03E-01	46672924	46673047	NC_000017.10
cg00747187	9.33E-18	2.10E-19	1.00E+01	33.2129096	1.29E-01	97800068	97800191	NC_000007.13
cg09746044	9.36E-18	2.10E-19	1.00E+01	33.2093291	1.13E-01	44221832	44221955	NC_000015.9
cg15954353	9.52E-18	2.14E-19	1.00E+01	33.1913241	1.99E-01	5403337	5403460	NC_000017.10
cg11033014	9.52E-18	2.14E-19	1.00E+01	33.1909323	9.67E-02	46805673	46805796	NC_000022.10
cg10381113	9.52E-18	2.14E-19	1.00E+01	33.1908256	1.75E-01	24797136	24797259	NC_000013.10
cg20728791	9.57E-18	2.16E-19	1.00E+01	33.1854785	1.74E-01	112675455	112675578	NC_000010.10

cg21874706	9.62E-18	2.17E-19	1.00E+01	33.1798359	1.04E-01	39744055	39744178	NC_000017.10
cg06213876	9.79E-18	2.21E-19	1.00E+01	33.1617852	1.55E-01	16357187	16357310	NC_000016.9
cg14654886	9.81E-18	2.21E-19	1.00E+01	33.1597363	2.75E-01	5710319	5710442	NC_000004.11
cg13586987	9.85E-18	2.22E-19	1.00E+01	33.1549463	5.00E-02	16282230	16282353	NC_000006.11
cg00123055	9.90E-18	2.24E-19	1.00E+01	33.1493064	1.76E-01	55370951	55371074	NC_000008.10
cg13641903	9.90E-18	2.24E-19	1.00E+01	33.1492812	1.18E-01	32452608	32452731	NC_000011.9
cg07072722	9.91E-18	2.24E-19	1.00E+01	33.1486954	1.90E-01	131781246	131781369	NC_000011.9
cg05317455	9.92E-18	2.24E-19	1.00E+01	33.1468724	6.52E-02	69811162	69811285	NC_000011.9
cg01624637	9.92E-18	2.24E-19	1.00E+01	33.1466975	1.51E-01	87739377	87739500	NC_000016.9
cg15921518	9.93E-18	2.24E-19	1.00E+01	33.146278	1.15E-01	180664022	180664145	NC_000005.9
cg01436998	9.94E-18	2.25E-19	1.00E+01	33.1450541	2.49E-01	38308263	38308386	NC_000019.9
cg01762091	9.95E-18	2.25E-19	1.00E+01	33.1441762	2.04E-01	7197775	7197898	NC_000017.10
cg22679474	1.00E-17	2.27E-19	1.00E+01	33.1353862	6.37E-02	63929152	63929275	NC_000003.11
cg01487892	1.00E-17	2.27E-19	1.00E+01	33.1338807	9.74E-02	46895183	46895306	NC_000021.8
cg26430027	1.01E-17	2.28E-19	1.00E+01	33.1304228	1.55E-01	137393288	137393411	NC_000009.11
cg13963807	1.01E-17	2.28E-19	1.00E+01	33.1284622	7.14E-02	67165707	67165830	NC_000011.9
cg27052183	1.01E-17	2.29E-19	1.00E+01	33.1246448	1.18E-01	66411986	66412109	NC_000011.9
cg19594626	1.02E-17	2.30E-19	1.00E+01	33.122339	1.35E-01	133077819	133077942	NC_000006.11
cg14505585	1.03E-17	2.32E-19	1.00E+01	33.1110548	2.34E-01	17082770	17082893	NC_000022.10
cg04031454	1.03E-17	2.33E-19	1.00E+01	33.1070051	7.89E-02	71028968	71029091	NC_000010.10
cg05262829	1.03E-17	2.34E-19	1.00E+01	33.1052433	2.13E-01	226921576	226921699	NC_000001.10
cg10734448	1.04E-17	2.35E-19	1.00E+01	33.0999864	1.23E-01	32052373	32052496	NC_000006.11
cg00765233	1.04E-17	2.35E-19	1.00E+01	33.0981392	1.48E-01	235877260	235877383	NC_000002.11
cg25157472	1.05E-17	2.38E-19	1.00E+01	33.0876206	1.53E-01	12996362	12996485	NC_000003.11
cg11167100	1.05E-17	2.38E-19	1.00E+01	33.0866452	3.33E-01	83776269	83776392	NC_000015.9

cg18739887	1.05E-17	2.38E-19	1.00E+01	33.0865129	1.76E-01	109675284	109675407	NC_000010.10
cg14062468	1.06E-17	2.40E-19	1.00E+01	33.0796242	2.46E-01	33453893	33454016	NC_000022.10
cg22041073	1.06E-17	2.41E-19	1.00E+01	33.0757568	9.95E-02	29604114	29604237	NC_000006.11
cg10333808	1.07E-17	2.42E-19	1.00E+01	33.0693739	2.47E-01	22487459	22487582	NC_000012.11
cg18236477	1.07E-17	2.42E-19	1.00E+01	33.06893	2.02E-01	26043066	26043189	NC_000013.10
cg05337753	1.07E-17	2.44E-19	1.00E+01	33.0640674	1.93E-01	75373407	75373530	NC_000017.10
cg19058765	1.08E-17	2.45E-19	1.00E+01	33.0585563	1.43E-01	64226103	64226226	NC_000017.10
cg24748769	1.08E-17	2.46E-19	1.00E+01	33.0536575	2.22E-01	57271015	57271138	NC_000014.8
cg08417728	1.09E-17	2.47E-19	1.00E+01	33.0524438	2.73E-01	17850647	17850770	NC_000022.10
cg19153228	1.09E-17	2.47E-19	1.00E+01	33.0522895	1.66E-01	173902435	173902558	NC_000002.11
cg04609801	1.09E-17	2.47E-19	1.00E+01	33.0505573	1.68E-01	28609176	28609299	NC_000016.9
cg03950807	1.09E-17	2.48E-19	1.00E+01	33.0447675	1.01E-01	81082931	81083054	NC_000015.9
cg20945566	1.10E-17	2.49E-19	1.00E+01	33.0422206	2.70E-01	46800020	46800143	NC_000017.10
cg08239858	1.10E-17	2.51E-19	1.00E+01	33.0347157	1.89E-01	2739131	2739254	NC_000005.9
cg26588943	1.10E-17	2.51E-19	1.00E+01	33.0344647	1.94E-01	172734718	172734841	NC_000004.11
cg19866325	1.11E-17	2.52E-19	1.00E+01	33.0297082	1.79E-01	47078752	47078875	NC_000001.10
cg01975714	1.11E-17	2.52E-19	1.00E+01	33.0289501	1.07E-01	18981736	18981859	NC_000022.10
cg02773698	1.11E-17	2.53E-19	1.00E+01	33.0268065	1.45E-01	72682460	72682583	NC_000011.9
cg17174566	1.11E-17	2.54E-19	1.00E+01	33.02463	1.12E-01	148635022	148635145	NC_000002.11
cg13209481	1.11E-17	2.54E-19	1.00E+01	33.0241395	1.92E-01	36973483	36973606	NC_000014.8
cg16190732	1.11E-17	2.54E-19	1.00E+01	33.0236557	3.22E-01	34113010	34113133	NC_000019.9
cg01727145	1.12E-17	2.54E-19	1.00E+01	33.0218357	1.63E-01	220313422	220313545	NC_000002.11
cg05241461	1.13E-17	2.57E-19	1.00E+01	33.0124458	2.57E-01	22816980	22817103	NC_000019.9
cg25211875	1.13E-17	2.57E-19	1.00E+01	33.0095514	8.39E-02	55944483	55944606	NC_000015.9
cg03703637	1.13E-17	2.58E-19	1.00E+01	33.0087119	3.09E-01	178771776	178771899	NC_000005.9

cg05499134	1.14E-17	2.59E-19	1.00E+01	33.0031354	5.36E-02	88294692	88294815	NC_000016.9
cg19098710	1.14E-17	2.61E-19	1.00E+01	32.9956717	2.49E-01	113541698	113541821	NC_000012.11
cg13606990	1.15E-17	2.62E-19	1.00E+01	32.9927967	1.65E-01	32848016	32848139	NC_000018.9
cg24154951	1.15E-17	2.62E-19	1.00E+01	32.9920732	1.92E-01	177001426	177001549	NC_000002.11
cg07703530	1.15E-17	2.62E-19	1.00E+01	32.9909099	1.74E-01	81422474	81422597	NC_000008.10
cg20902425	1.15E-17	2.63E-19	1.00E+01	32.9874856	6.23E-02	46805678	46805801	NC_000022.10
cg04682699	1.16E-17	2.65E-19	1.00E+01	32.9815095	1.96E-01	50248845	50248968	NC_000003.11
cg17607298	1.16E-17	2.66E-19	1.00E+01	32.9769758	2.00E-01	112727981	112728104	NC_000013.10
cg02919422	1.18E-17	2.69E-19	1.00E+01	32.9671134	1.74E-01	55370544	55370667	NC_000008.10
cg10422777	1.18E-17	2.69E-19	1.00E+01	32.9667026	2.31E-01	79631227	79631350	NC_000009.11
cg12775934	1.18E-17	2.69E-19	1.00E+01	32.9648183	3.67E-02	62603273	62603396	NC_000011.9
cg23551917	1.19E-17	2.72E-19	1.00E+01	32.9547162	1.26E-01	45077070	45077193	NC_000003.11
cg11067712	1.20E-17	2.75E-19	1.00E+01	32.9452287	1.22E-01	105850644	105850767	NC_000011.9
cg12175729	1.20E-17	2.75E-19	1.00E+01	32.9451128	2.70E-01	140715540	140715663	NC_000008.10
cg13601435	1.20E-17	2.76E-19	1.00E+01	32.9415561	3.12E-01	120507431	120507554	NC_000009.11
cg23486580	1.21E-17	2.77E-19	1.00E+01	32.9360275	1.10E-01	105688375	105688498	NC_000014.8
cg06494105	1.21E-17	2.78E-19	1.00E+01	32.9350202	9.39E-02	3961553	3961676	NC_000019.9
cg21251230	1.22E-17	2.78E-19	1.00E+01	32.9319218	2.00E-01	129566665	129566788	NC_000009.11
cg09578028	1.23E-17	2.81E-19	1.00E+01	32.9225995	2.33E-01	176987411	176987534	NC_000002.11
cg07312654	1.23E-17	2.81E-19	1.00E+01	32.9224873	2.10E-01	132053773	132053896	NC_000008.10
cg13375463	1.23E-17	2.82E-19	1.00E+01	32.9193899	1.45E-01	27899025	27899148	NC_000001.10
cg19915413	1.23E-17	2.83E-19	1.00E+01	32.9156803	7.86E-02	79977640	79977763	NC_000017.10
cg02327997	1.24E-17	2.85E-19	1.00E+01	32.9091802	1.71E-01	128077318	128077441	NC_000010.10
cg09830022	1.24E-17	2.85E-19	1.00E+01	32.9086406	4.19E-02	104862488	104862611	NC_000010.10
cg03284640	1.24E-17	2.85E-19	1.00E+01	32.9081176	1.23E-01	125804060	125804183	NC_000010.10



cg17078116	1.24E-17	2.85E-19	1.00E+01	32.9074818	1.89E-01	24772344	24772467	NC_000008.10
cg01542143	1.25E-17	2.87E-19	1.00E+01	32.9029112	1.65E-01	3240754	3240877	NC_000004.11
cg24512644	1.25E-17	2.87E-19	1.00E+01	32.9012509	1.76E-01	41248902	41249025	NC_000022.10
cg10703826	1.25E-17	2.88E-19	1.00E+01	32.8992906	2.39E-01	119532116	119532239	NC_000001.10
cg26984343	1.26E-17	2.89E-19	1.00E+01	32.8960171	1.98E-01	37006133	37006256	NC_000013.10
cg15260428	1.26E-17	2.89E-19	1.00E+01	32.894025	2.13E-01	132381902	132382025	NC_000012.11
cg23699196	1.27E-17	2.91E-19	1.00E+01	32.8871294	2.41E-01	131780334	131780457	NC_000011.9
cg23559689	1.27E-17	2.92E-19	1.00E+01	32.884886	3.04E-01	105481292	105481415	NC_000011.9
cg16476975	1.28E-17	2.95E-19	9.99	32.8740927	2.95E-01	155164995	155165118	NC_000007.13
cg09562938	1.29E-17	2.97E-19	9.99	32.8685017	9.17E-02	62307787	62307910	NC_000017.10
cg14369938	1.30E-17	2.99E-19	9.99	32.8624717	2.80E-01	32338150	32338273	NC_000007.13
cg11289296	1.30E-17	2.99E-19	9.99	32.8606236	8.96E-02	74383131	74383254	NC_000017.10
cg24880701	1.30E-17	3.00E-19	9.99	32.8593393	1.62E-01	68121563	68121686	NC_000015.9
cg03401357	1.30E-17	3.00E-19	9.99	32.8577778	2.95E-01	46951477	46951600	NC_000001.10
cg00320094	1.31E-17	3.02E-19	9.99	32.8511663	2.12E-01	68695183	68695306	NC_000001.10
cg12238343	1.32E-17	3.05E-19	9.99	32.8425171	2.68E-01	33936402	33936525	NC_000005.9
cg13707645	1.32E-17	3.05E-19	9.99	32.8420808	1.12E-01	131682162	131682285	NC_000009.11
cg04913118	1.33E-17	3.06E-19	9.99	32.838545	1.46E-01	32826171	32826294	NC_000006.11
cg00400832	1.33E-17	3.07E-19	9.99	32.8342458	2.17E-01	96650323	96650446	NC_000007.13
cg15790820	1.34E-17	3.08E-19	9.99	32.8303174	2.70E-01	2292510	2292633	NC_000011.9
cg12724826	1.34E-17	3.09E-19	9.99	32.8277388	1.05E-01	31630051	31630174	NC_000006.11
cg20334627	1.34E-17	3.09E-19	9.99	32.8275034	2.99E-01	130686697	130686820	NC_000006.11
cg13070738	1.35E-17	3.10E-19	9.99	32.8245378	1.39E-01	144054288	144054411	NC_000007.13
cg07540084	1.35E-17	3.11E-19	9.99	32.8206183	2.08E-01	2537210	2537333	NC_000005.9
cg08470764	1.36E-17	3.13E-19	9.99	32.8154256	1.66E-01	100609792	100609915	NC_000007.13

cg19414741	1.36E-17	3.14E-19	9.98	32.8128246	2.06E-01	57358240	57358363	NC_000008.10
cg07758738	1.37E-17	3.17E-19	9.98	32.8034866	1.72E-01	12911528	12911651	NC_000018.9
cg08318726	1.37E-17	3.17E-19	9.98	32.8027896	2.25E-01	114844265	114844388	NC_000012.11
cg18764577	1.37E-17	3.17E-19	9.98	32.8021058	2.30E-01	7117790	7117913	NC_000018.9
cg10987503	1.38E-17	3.20E-19	9.98	32.7953209	1.15E-01	922825	922948	NC_000007.13
cg26381364	1.39E-17	3.21E-19	9.98	32.7921162	2.66E-01	103889772	103889895	NC_000012.11
cg18705773	1.40E-17	3.23E-19	9.98	32.7855648	2.79E-01	170743564	170743687	NC_000005.9
cg09492451	1.40E-17	3.23E-19	9.98	32.784311	2.56E-01	54967389	54967512	NC_000016.9
cg15001431	1.40E-17	3.24E-19	9.98	32.7818013	1.70E-01	108538614	108538737	NC_000011.9
cg05729352	1.40E-17	3.25E-19	9.98	32.7800689	1.19E-01	109524367	109524490	NC_000002.11
cg27338807	1.41E-17	3.26E-19	9.98	32.7743652	1.48E-01	87739385	87739508	NC_000016.9
cg09534159	1.42E-17	3.29E-19	9.98	32.7669481	2.87E-01	10458918	10459041	NC_000004.11
cg08737543	1.44E-17	3.33E-19	9.98	32.7539155	1.21E-01	10118766	10118889	NC_000001.10
cg22633932	1.44E-17	3.35E-19	9.97	32.7491067	1.23E-01	140472802	140472925	NC_000004.11
cg01146232	1.44E-17	3.35E-19	9.97	32.7490499	2.53E-01	51185147	51185270	NC_000016.9
cg14007067	1.45E-17	3.37E-19	9.97	32.7430756	2.43E-01	76740258	76740381	NC_000018.9
cg11337945	1.47E-17	3.41E-19	9.97	32.7299039	2.72E-01	2755158	2755281	NC_000005.9
cg20303815	1.48E-17	3.44E-19	9.97	32.7216978	1.16E-01	69706981	69707104	NC_000011.9
cg23263937	1.49E-17	3.47E-19	9.97	32.7141261	2.73E-01	27192656	27192779	NC_000007.13
cg26371320	1.50E-17	3.47E-19	9.97	32.7125225	2.35E-01	28778091	28778214	NC_000006.11
cg21078322	1.50E-17	3.48E-19	9.97	32.7121887	2.14E-01	134491163	134491286	NC_000006.11
cg11293190	1.50E-17	3.48E-19	9.97	32.709819	1.50E-01	1523856	1523979	NC_000019.9
cg11375458	1.50E-17	3.49E-19	9.97	32.7083168	1.88E-01	177003996	177004119	NC_000002.11
cg26992415	1.50E-17	3.49E-19	9.97	32.7068483	1.49E-01	94533087	94533210	NC_000011.9
cg18319533	1.51E-17	3.50E-19	9.97	32.7046878	2.28E-01	1011315	1011438	NC_000011.9

cg10297491	1.51E-17	3.52E-19	9.97	32.6996366	3.27E-01	11059677	11059800	NC_000010.10
cg23935522	1.52E-17	3.53E-19	9.97	32.696793	1.16E-01	77162317	77162440	NC_000012.11
cg18800739	1.53E-17	3.55E-19	9.97	32.6897365	1.13E-01	144626962	144627085	NC_000006.11
cg20498685	1.53E-17	3.57E-19	9.97	32.6860271	2.68E-01	19156086	19156209	NC_000007.13
cg06495961	1.53E-17	3.57E-19	9.97	32.6845821	2.39E-01	153584582	153584705	NC_000007.13
cg02167020	1.55E-17	3.60E-19	9.96	32.6759021	2.12E-01	102899949	102900072	NC_000010.10
cg03764518	1.55E-17	3.61E-19	9.96	32.6751608	2.15E-01	57388402	57388525	NC_000010.10
cg08676249	1.56E-17	3.63E-19	9.96	32.6693844	2.39E-01	69064868	69064991	NC_000007.13
cg11562901	1.56E-17	3.63E-19	9.96	32.668892	1.66E-01	56318135	56318258	NC_000012.11
cg11868921	1.56E-17	3.65E-19	9.96	32.6640326	1.38E-01	154812487	154812610	NC_000006.11
cg06313718	1.56E-17	3.65E-19	9.96	32.6636408	1.06E-01	49714199	49714322	NC_000003.11
cg23294090	1.57E-17	3.65E-19	9.96	32.6622448	2.46E-01	139509672	139509795	NC_000008.10
cg10516089	1.57E-17	3.67E-19	9.96	32.6588245	5.75E-02	50800620	50800743	NC_000007.13
cg26624744	1.57E-17	3.67E-19	9.96	32.6581238	1.73E-01	156692507	156692630	NC_000005.9
cg13078140	1.58E-17	3.69E-19	9.96	32.6518261	2.85E-01	20255082	20255205	NC_000004.11
cg18675128	1.59E-17	3.72E-19	9.96	32.6457689	1.04E-01	71177172	71177295	NC_000010.10
cg21694941	1.60E-17	3.74E-19	9.96	32.6402865	1.64E-01	57358590	57358713	NC_000008.10
cg00235367	1.62E-17	3.78E-19	9.96	32.6282183	2.09E-01	147110322	147110445	NC_000003.11
cg04620418	1.63E-17	3.80E-19	9.96	32.6233245	1.93E-01	65282285	65282408	NC_000008.10
cg04248279	1.64E-17	3.82E-19	9.96	32.6174709	1.72E-01	184833	184956	NC_000017.10
cg00046625	1.64E-17	3.83E-19	9.95	32.6165778	2.47E-01	66258760	66258883	NC_000001.10
cg00733001	1.64E-17	3.83E-19	9.95	32.6154624	1.25E-01	679432	679555	NC_000008.10
cg17499173	1.64E-17	3.85E-19	9.95	32.6119222	8.06E-02	736285	736408	NC_000019.9
cg27639662	1.65E-17	3.85E-19	9.95	32.6108198	1.68E-01	81111393	81111516	NC_000004.11
cg27313012	1.65E-17	3.87E-19	9.95	32.6066482	1.13E-01	233497542	233497665	NC_000001.10

cg21012296	1.67E-17	3.91E-19	9.95	32.5963607	2.62E-01	21502728	21502851	NC_000020.10
cg02520593	1.67E-17	3.92E-19	9.95	32.5923569	1.49E-01	109015999	109016122	NC_000012.11
cg02511231	1.68E-17	3.93E-19	9.95	32.5899693	3.52E-01	170738274	170738397	NC_000005.9
cg17016394	1.68E-17	3.94E-19	9.95	32.5886154	3.41E-01	34442360	34442483	NC_000021.8
cg10601582	1.69E-17	3.95E-19	9.95	32.5857224	2.61E-01	22605234	22605357	NC_000019.9
cg26530319	1.69E-17	3.95E-19	9.95	32.5844965	1.50E-01	221060923	221061046	NC_000001.10
cg02164046	1.69E-17	3.96E-19	9.95	32.5823648	2.21E-01	187388148	187388271	NC_000003.11
cg11559967	1.69E-17	3.97E-19	9.95	32.5797527	5.54E-02	38363872	38363995	NC_000022.10
cg06766541	1.70E-17	3.98E-19	9.95	32.5785445	1.11E-01	128556540	128556663	NC_000007.13
cg01560873	1.71E-17	4.00E-19	9.95	32.5725113	2.35E-01	3116792	3116915	NC_000005.9
cg14042889	1.71E-17	4.01E-19	9.95	32.5691724	1.93E-01	27169208	27169331	NC_000007.13
cg04370314	1.71E-17	4.02E-19	9.95	32.5689878	2.45E-01	100643312	100643435	NC_000013.10
cg22519702	1.71E-17	4.02E-19	9.95	32.5679171	1.39E-01	147204189	147204312	NC_000005.9
cg02668075	1.71E-17	4.02E-19	9.95	32.5671801	8.54E-02	109558595	109558718	NC_000002.11
cg23302682	1.72E-17	4.04E-19	9.95	32.564015	2.90E-01	166580952	166581075	NC_000006.11
cg06908618	1.72E-17	4.04E-19	9.95	32.5634723	2.09E-01	87739453	87739576	NC_000016.9
cg15597540	1.72E-17	4.04E-19	9.95	32.5620217	7.35E-02	50387202	50387325	NC_000003.11
cg18307838	1.72E-17	4.04E-19	9.95	32.5617454	1.14E-01	228380005	228380128	NC_000002.11
cg00286701	1.72E-17	4.05E-19	9.95	32.5610338	9.81E-02	2583402	2583525	NC_000007.13
cg14532376	1.73E-17	4.06E-19	9.95	32.5582833	1.45E-01	133799686	133799809	NC_000009.11
cg10099056	1.73E-17	4.07E-19	9.95	32.5557284	1.04E-01	227131420	227131543	NC_000001.10
cg14249876	1.74E-17	4.09E-19	9.95	32.5511468	3.65E-01	44143993	44144116	NC_000007.13
cg07737566	1.75E-17	4.11E-19	9.94	32.5464038	1.80E-01	50847263	50847386	NC_000007.13
cg17553300	1.75E-17	4.11E-19	9.94	32.5452414	1.83E-01	55508460	55508583	NC_000003.11
cg13803632	1.75E-17	4.12E-19	9.94	32.5437969	6.20E-02	81968855	81968978	NC_000001.10

cg15344640	1.76E-17	4.14E-19	9.94	32.5385778	9.82E-02	176774729	176774852	NC_000005.9
cg22043936	1.76E-17	4.15E-19	9.94	32.5368168	9.70E-02	28504564	28504687	NC_000001.10
cg09968620	1.78E-17	4.18E-19	9.94	32.527987	2.55E-01	176987383	176987506	NC_000002.11
cg09287629	1.78E-17	4.19E-19	9.94	32.5273825	1.55E-01	203036208	203036331	NC_000002.11
cg10329579	1.78E-17	4.19E-19	9.94	32.5265596	2.32E-01	17754830	17754953	NC_000001.10
cg16311306	1.79E-17	4.21E-19	9.94	32.5228456	1.01E-01	203244158	203244281	NC_000001.10
cg09815977	1.79E-17	4.22E-19	9.94	32.519838	1.32E-01	7021987	7022110	NC_000012.11
cg18406033	1.80E-17	4.24E-19	9.94	32.5152851	2.38E-01	223159869	223159992	NC_000002.11
cg07297322	1.80E-17	4.24E-19	9.94	32.5143627	1.59E-01	74661825	74661948	NC_000016.9
cg27058486	1.82E-17	4.28E-19	9.94	32.5059846	2.71E-01	34112683	34112806	NC_000019.9
cg07788092	1.82E-17	4.30E-19	9.94	32.5017409	2.14E-01	9473691	9473814	NC_000019.9
cg12271981	1.83E-17	4.31E-19	9.94	32.4998507	2.28E-01	88326752	88326875	NC_000013.10
cg04548856	1.83E-17	4.31E-19	9.94	32.4994929	2.39E-01	57284528	57284651	NC_000014.8
cg03656099	1.83E-17	4.31E-19	9.94	32.4988406	1.63E-01	59481954	59482077	NC_000017.10
cg01342411	1.83E-17	4.33E-19	9.94	32.4953322	2.19E-01	75263551	75263674	NC_000016.9
cg14627862	1.84E-17	4.34E-19	9.94	32.4926426	1.44E-01	169641232	169641355	NC_000006.11
cg15848561	1.84E-17	4.35E-19	9.94	32.4896507	1.27E-01	101924186	101924309	NC_000014.8
cg18437365	1.85E-17	4.37E-19	9.94	32.4861911	2.14E-01	112717484	112717607	NC_000013.10
cg01748268	1.85E-17	4.37E-19	9.94	32.4849752	8.90E-02	30122143	30122266	NC_000006.11
cg03579904	1.86E-17	4.38E-19	9.93	32.4828395	1.92E-01	87739430	87739553	NC_000016.9
cg14802771	1.86E-17	4.39E-19	9.93	32.4816038	8.60E-02	232903780	232903903	NC_000002.11
cg02036494	1.87E-17	4.41E-19	9.93	32.4753311	1.40E-01	130467986	130468109	NC_000009.11
cg08319991	1.87E-17	4.42E-19	9.93	32.4743111	3.00E-01	41259283	41259406	NC_000004.11
cg11868485	1.87E-17	4.42E-19	9.93	32.4729952	1.92E-01	140782938	140783061	NC_000004.11
cg04819539	1.87E-17	4.43E-19	9.93	32.4715964	6.48E-02	58167550	58167673	NC_000012.11

cg15439725	1.88E-17	4.44E-19	9.93	32.4702591	2.07E-01	299311	299434	NC_000004.11
cg20398120	1.88E-17	4.45E-19	9.93	32.4676437	7.15E-02	219696690	219696813	NC_000002.11
cg18724565	1.89E-17	4.46E-19	9.93	32.4655224	1.80E-01	5633068	5633191	NC_000007.13
cg19861741	1.90E-17	4.49E-19	9.93	32.4574587	2.25E-01	170742608	170742731	NC_000005.9
cg00343633	1.90E-17	4.50E-19	9.93	32.4566515	3.39E-01	105481306	105481429	NC_000011.9
cg24446548	1.90E-17	4.50E-19	9.93	32.4564676	3.07E-01	19157263	19157386	NC_000007.13
cg09225840	1.91E-17	4.52E-19	9.93	32.4524587	1.08E-01	12248163	12248286	NC_000001.10
cg12610471	1.91E-17	4.52E-19	9.93	32.4511759	1.64E-01	22634199	22634322	NC_000010.10
cg22720790	1.92E-17	4.56E-19	9.93	32.4430617	1.79E-01	58716032	58716155	NC_000019.9
cg17048000	1.93E-17	4.56E-19	9.93	32.4421512	1.17E-01	235921243	235921366	NC_000002.11
cg12503717	1.93E-17	4.57E-19	9.93	32.4414477	9.86E-02	59664229	59664352	NC_000011.9
cg10888854	1.93E-17	4.57E-19	9.93	32.4407179	7.99E-02	56644191	56644314	NC_000014.8
cg11081894	1.93E-17	4.57E-19	9.93	32.4397631	1.63E-01	101283847	101283970	NC_000010.10
cg08630080	1.93E-17	4.58E-19	9.93	32.4396271	5.26E-02	69605276	69605399	NC_000015.9
cg20881910	1.94E-17	4.60E-19	9.93	32.4350735	2.42E-01	131780332	131780455	NC_000011.9
cg07557260	1.94E-17	4.61E-19	9.93	32.4322747	2.24E-01	132052870	132052993	NC_000008.10
cg20313677	1.95E-17	4.62E-19	9.93	32.4303137	1.03E-01	3738610	3738733	NC_000001.10
cg05196969	1.95E-17	4.62E-19	9.93	32.4294876	2.34E-01	76627594	76627717	NC_000015.9
cg04635983	1.96E-17	4.64E-19	9.93	32.425292	1.49E-01	3602558	3602681	NC_000005.9
cg22403344	1.97E-17	4.67E-19	9.92	32.4185844	2.56E-01	95691500	95691623	NC_000002.11
cg11382529	1.97E-17	4.68E-19	9.92	32.417855	1.82E-01	65490613	65490736	NC_000008.10
cg18034737	1.98E-17	4.70E-19	9.92	32.4139688	2.65E-01	188916865	188916988	NC_000004.11
cg08573038	1.98E-17	4.71E-19	9.92	32.4105459	1.32E-01	110399302	110399425	NC_000012.11
cg11469391	1.98E-17	4.71E-19	9.92	32.4098277	2.18E-01	155242445	155242568	NC_000007.13
cg16677112	1.99E-17	4.72E-19	9.92	32.408291	2.34E-01	155103905	155104028	NC_000001.10

cg27373390	2.00E-17	4.75E-19	9.92	32.402594	1.75E-01	37095036	37095159	NC_000003.11
cg18266783	2.00E-17	4.75E-19	9.92	32.4016259	1.91E-01	156466729	156466852	NC_000001.10
cg04111071	2.02E-17	4.79E-19	9.92	32.3933981	2.24E-01	19813299	19813422	NC_000007.13
cg21245492	2.02E-17	4.81E-19	9.92	32.39017	1.86E-01	99250440	99250563	NC_000015.9
cg08059402	2.03E-17	4.84E-19	9.92	32.3844844	8.78E-02	194188646	194188769	NC_000003.11
cg23134259	2.03E-17	4.84E-19	9.92	32.3842308	1.78E-01	173039661	173039784	NC_000005.9
cg08364561	2.04E-17	4.86E-19	9.92	32.3807194	2.36E-01	31846844	31846967	NC_000011.9
cg10826733	2.05E-17	4.88E-19	9.92	32.3754141	1.51E-01	128482561	128482684	NC_000007.13
cg12085155	2.06E-17	4.91E-19	9.92	32.3697528	1.05E-01	37769679	37769802	NC_000022.10
cg01800148	2.06E-17	4.91E-19	9.92	32.3692886	2.05E-01	9130886	9131009	NC_000001.10
cg01972751	2.06E-17	4.92E-19	9.92	32.3676577	2.58E-01	137814728	137814851	NC_000006.11
cg13502382	2.07E-17	4.94E-19	9.92	32.3642728	1.69E-01	167192488	167192611	NC_000006.11
cg07983905	2.07E-17	4.95E-19	9.92	32.3622392	2.24E-01	3073561	3073684	NC_000020.10
cg02430935	2.08E-17	4.95E-19	9.92	32.3615028	2.12E-01	124909028	124909151	NC_000010.10
cg15547669	2.08E-17	4.96E-19	9.92	32.3586828	2.70E-01	2781122	2781245	NC_000020.10
cg21107103	2.09E-17	4.98E-19	9.92	32.3563477	1.64E-01	18630052	18630175	NC_000011.9
cg00489401	2.09E-17	4.99E-19	9.92	32.3542325	2.15E-01	180075875	180075998	NC_000005.9
cg15718581	2.10E-17	5.00E-19	9.91	32.3511938	2.66E-01	188916581	188916704	NC_000004.11
cg21606928	2.13E-17	5.08E-19	9.91	32.336351	2.24E-01	23501122	23501245	NC_000013.10
cg07377907	2.13E-17	5.08E-19	9.91	32.3361389	9.66E-02	69150318	69150441	NC_000016.9
cg08528626	2.16E-17	5.15E-19	9.91	32.322105	2.46E-01	107503728	107503851	NC_000002.11
cg25751484	2.16E-17	5.15E-19	9.91	32.3220514	1.38E-01	13915817	13915940	NC_000019.9
cg25809841	2.16E-17	5.17E-19	9.91	32.3185811	2.22E-01	51162684	51162807	NC_000019.9
cg06558014	2.17E-17	5.20E-19	9.91	32.312948	2.64E-01	100051116	100051239	NC_000006.11
cg24671810	2.18E-17	5.22E-19	9.91	32.3088635	1.36E-01	1026978	1027101	NC_000017.10

cg05498785	2.19E-17	5.23E-19	9.91	32.3079838	8.86E-02	85990170	85990293	NC_000016.9
cg01991967	2.20E-17	5.25E-19	9.91	32.3024629	1.44E-01	113884734	113884857	NC_000002.11
cg02315940	2.21E-17	5.29E-19	9.91	32.2952586	3.17E-01	139653872	139653995	NC_000003.11
cg02783918	2.22E-17	5.32E-19	9.91	32.2908235	1.70E-01	86547544	86547667	NC_000016.9
cg04927004	2.23E-17	5.33E-19	9.91	32.2880948	1.31E-01	61809348	61809471	NC_000020.10
cg13197551	2.23E-17	5.33E-19	9.91	32.2873759	1.06E-01	60709957	60710080	NC_000020.10
cg25602684	2.24E-17	5.36E-19	9.9	32.2834269	2.40E-01	37839918	37840041	NC_000005.9
cg24896053	2.24E-17	5.37E-19	9.9	32.2817244	1.65E-01	8553099	8553222	NC_000010.10
cg15466862	2.24E-17	5.37E-19	9.9	32.2801249	1.92E-01	112722333	112722456	NC_000013.10
cg19191600	2.25E-17	5.38E-19	9.9	32.2787425	3.96E-02	30613506	30613629	NC_000006.11
cg13797914	2.25E-17	5.40E-19	9.9	32.2748794	8.77E-02	42192995	42193118	NC_000015.9
cg23068913	2.27E-17	5.44E-19	9.9	32.2671799	2.57E-01	23463377	23463500	NC_000010.10
cg03936663	2.29E-17	5.50E-19	9.9	32.2574329	1.97E-01	218098422	218098545	NC_000001.10
cg06893273	2.29E-17	5.51E-19	9.9	32.2562531	2.01E-01	46604774	46604897	NC_000017.10
cg03276484	2.30E-17	5.51E-19	9.9	32.2550331	7.27E-02	194803749	194803872	NC_000003.11
cg24414344	2.31E-17	5.54E-19	9.9	32.2494465	1.38E-01	39019556	39019679	NC_000017.10
cg08151857	2.31E-17	5.55E-19	9.9	32.2480582	3.20E-01	46691820	46691943	NC_000017.10
cg06720544	2.31E-17	5.55E-19	9.9	32.2473172	1.48E-01	65641018	65641141	NC_000002.11
cg01150105	2.32E-17	5.56E-19	9.9	32.2464864	1.70E-01	175139160	175139283	NC_000003.11
cg01777643	2.34E-17	5.61E-19	9.9	32.237562	2.46E-01	224805287	224805410	NC_000001.10
cg01315916	2.34E-17	5.63E-19	9.9	32.2341283	1.85E-01	3591609	3591732	NC_000005.9
cg10743390	2.34E-17	5.63E-19	9.9	32.2337772	1.60E-01	30020728	30020851	NC_000019.9
cg26791307	2.35E-17	5.65E-19	9.9	32.23087	1.87E-01	97629235	97629358	NC_000015.9
cg12667732	2.39E-17	5.74E-19	9.89	32.2145127	1.51E-01	92673594	92673717	NC_000015.9
cg06164660	2.39E-17	5.75E-19	9.89	32.2123712	2.26E-01	128751582	128751705	NC_000012.11



cg08076955	2.39E-17	5.75E-19	9.89	32.2122821	1.13E-01	46608462	46608585	NC_000017.10
cg02250846	2.41E-17	5.79E-19	9.89	32.2066093	2.69E-01	23258484	23258607	NC_000019.9
cg04209913	2.41E-17	5.79E-19	9.89	32.2063412	2.25E-01	37836246	37836369	NC_000005.9
cg04155485	2.41E-17	5.81E-19	9.89	32.2034006	1.22E-01	5535934	5536057	NC_000007.13
cg23413567	2.42E-17	5.82E-19	9.89	32.2019692	1.49E-01	41223175	41223298	NC_000013.10
cg27269962	2.42E-17	5.84E-19	9.89	32.1980188	1.58E-01	127540997	127541120	NC_000007.13
cg04175111	2.43E-17	5.84E-19	9.89	32.1971335	2.03E-01	2334971	2335094	NC_000005.9
cg14089067	2.43E-17	5.84E-19	9.89	32.1970157	1.50E-01	55442785	55442908	NC_000001.10
cg22660578	2.44E-17	5.88E-19	9.89	32.1907688	2.30E-01	35294029	35294152	NC_000017.10
cg18773844	2.44E-17	5.89E-19	9.89	32.1895172	9.65E-02	69463247	69463370	NC_000011.9
cg00228281	2.44E-17	5.89E-19	9.89	32.1891434	1.33E-01	50800963	50801086	NC_000007.13
cg00792424	2.46E-17	5.92E-19	9.89	32.1846187	2.55E-01	10386160	10386283	NC_000006.11
cg23740135	2.46E-17	5.93E-19	9.89	32.1817811	1.58E-01	41621208	41621331	NC_000006.11
cg12520549	2.47E-17	5.95E-19	9.89	32.178781	1.54E-01	162280741	162280864	NC_000002.11
cg19031475	2.48E-17	5.98E-19	9.89	32.1747058	1.02E-01	134659481	134659604	NC_000010.10
cg05924485	2.50E-17	6.02E-19	9.89	32.1669143	1.85E-01	22990378	22990501	NC_000019.9
cg13724788	2.50E-17	6.03E-19	9.89	32.1654272	2.79E-01	19322778	19322901	NC_000019.9
cg10514097	2.50E-17	6.04E-19	9.89	32.1647428	2.17E-01	86544787	86544910	NC_000016.9
cg17751591	2.52E-17	6.07E-19	9.89	32.1587237	1.10E-01	80139098	80139221	NC_000017.10
cg26565021	2.52E-17	6.08E-19	9.89	32.1581784	2.86E-01	34112825	34112948	NC_000019.9
cg01790144	2.52E-17	6.08E-19	9.89	32.157124	9.42E-02	84476098	84476221	NC_000016.9
cg23266594	2.52E-17	6.09E-19	9.89	32.1555228	1.68E-01	149546691	149546814	NC_000005.9
cg04362839	2.53E-17	6.12E-19	9.88	32.1511925	9.56E-02	105688421	105688544	NC_000014.8
cg07208172	2.53E-17	6.12E-19	9.88	32.1507368	1.19E-01	32818353	32818476	NC_000001.10
cg18740861	2.54E-17	6.14E-19	9.88	32.147892	8.61E-02	134998487	134998610	NC_000010.10

cg26858704	2.55E-17	6.16E-19	9.88	32.144063	2.71E-01	4918848	4918971	NC_000012.11
cg26685294	2.56E-17	6.20E-19	9.88	32.1385503	7.48E-02	67696047	67696170	NC_000016.9
cg14497054	2.57E-17	6.21E-19	9.88	32.1364441	1.53E-01	34261116	34261239	NC_000012.11
cg19859290	2.58E-17	6.24E-19	9.88	32.1325157	3.07E-01	20618399	20618522	NC_000011.9
cg03032025	2.58E-17	6.24E-19	9.88	32.1318862	1.83E-01	173316748	173316871	NC_000005.9
cg04802545	2.59E-17	6.25E-19	9.88	32.1296936	1.13E-01	2423231	2423354	NC_000011.9
cg02332982	2.61E-17	6.31E-19	9.88	32.1217297	2.60E-01	45444420	45444543	NC_000012.11
cg22670033	2.61E-17	6.32E-19	9.88	32.1188467	1.42E-01	180646608	180646731	NC_000005.9
cg23030040	2.64E-17	6.39E-19	9.88	32.1087504	4.83E-02	3414302	3414425	NC_000004.11
cg17816908	2.66E-17	6.43E-19	9.88	32.1016989	2.16E-01	41167109	41167232	NC_000008.10
cg08885198	2.67E-17	6.46E-19	9.88	32.0976009	6.66E-02	79051613	79051736	NC_000017.10
cg13865360	2.67E-17	6.47E-19	9.88	32.0967637	1.06E-01	15476258	15476381	NC_000001.10
cg00831710	2.68E-17	6.51E-19	9.88	32.0903842	1.73E-01	144240945	144241068	NC_000008.10
cg11664818	2.69E-17	6.53E-19	9.87	32.087132	1.66E-01	37852665	37852788	NC_000021.8
cg18065686	2.71E-17	6.58E-19	9.87	32.0790164	1.20E-01	23411171	23411294	NC_000008.10
cg05593641	2.71E-17	6.59E-19	9.87	32.0785816	2.70E-01	106398816	106398939	NC_000010.10
cg03570636	2.74E-17	6.65E-19	9.87	32.0683924	1.77E-01	2753375	2753498	NC_000005.9
cg27292667	2.75E-17	6.67E-19	9.87	32.0667699	9.56E-02	1049628	1049751	NC_000016.9
cg05542338	2.77E-17	6.73E-19	9.87	32.0571851	2.63E-01	5710407	5710530	NC_000004.11
cg13596497	2.78E-17	6.75E-19	9.87	32.053748	2.43E-01	110959104	110959227	NC_000013.10
cg15916399	2.78E-17	6.75E-19	9.87	32.0535913	2.12E-01	67068457	67068580	NC_000018.9
cg10633658	2.78E-17	6.77E-19	9.87	32.0519416	1.89E-01	58147525	58147648	NC_000006.11
cg18173058	2.80E-17	6.80E-19	9.87	32.0471073	2.05E-01	114838359	114838482	NC_000012.11
cg19385090	2.80E-17	6.81E-19	9.87	32.0452854	2.04E-01	27292614	27292737	NC_000007.13
cg08442064	2.80E-17	6.81E-19	9.87	32.0448402	1.45E-01	139394779	139394902	NC_000003.11

cg07766263	2.82E-17	6.85E-19	9.87	32.0390972	1.73E-01	170303045	170303168	NC_000003.11
cg04247508	2.83E-17	6.87E-19	9.87	32.0361899	5.91E-02	48557420	48557543	NC_000008.10
cg18590299	2.86E-17	6.95E-19	9.87	32.0253739	1.15E-01	3975803	3975926	NC_000017.10
cg22729726	2.86E-17	6.96E-19	9.87	32.0241525	1.79E-01	3123854	3123977	NC_000001.10
cg08945642	2.86E-17	6.96E-19	9.87	32.0236333	8.47E-02	205863	205986	NC_000005.9
cg05571970	2.88E-17	7.02E-19	9.86	32.0148128	1.86E-01	166422182	166422305	NC_000006.11
cg27179533	2.89E-17	7.03E-19	9.86	32.0135883	2.44E-01	101006052	101006175	NC_000007.13
cg01522592	2.89E-17	7.04E-19	9.86	32.0127358	1.63E-01	75235311	75235434	NC_000011.9
cg00067600	2.89E-17	7.05E-19	9.86	32.0115764	1.61E-01	34109141	34109264	NC_000003.11
cg22163834	2.90E-17	7.07E-19	9.86	32.0081018	9.70E-02	32025965	32026088	NC_000006.11
cg13840252	2.90E-17	7.07E-19	9.86	32.0078613	1.05E-01	10732744	10732867	NC_000001.10
cg03331387	2.91E-17	7.08E-19	9.86	32.0066473	9.88E-02	127114962	127115085	NC_000003.11
cg15720516	2.91E-17	7.09E-19	9.86	32.0055636	1.02E-01	12907933	12908056	NC_000019.9
cg27313941	2.91E-17	7.10E-19	9.86	32.0042833	1.78E-01	27186554	27186677	NC_000007.13
cg10188823	2.91E-17	7.11E-19	9.86	32.0030814	2.91E-01	29876206	29876329	NC_000022.10
cg03091551	2.92E-17	7.12E-19	9.86	32.0015466	1.98E-01	57275967	57276090	NC_000014.8
cg12169568	2.92E-17	7.12E-19	9.86	32.0011351	7.99E-02	89708532	89708655	NC_000014.8
cg20289688	2.92E-17	7.13E-19	9.86	31.9995896	2.09E-01	17742502	17742625	NC_000011.9
cg04861929	2.93E-17	7.15E-19	9.86	31.9973289	2.32E-01	109293070	109293193	NC_000011.9
cg05208056	2.94E-17	7.18E-19	9.86	31.9931518	1.85E-01	106502915	106503038	NC_000002.11
cg02311364	2.94E-17	7.18E-19	9.86	31.9930959	1.29E-01	13001256	13001379	NC_000003.11
cg00332937	2.96E-17	7.24E-19	9.86	31.98463	2.18E-01	72740460	72740583	NC_000005.9
cg09268961	2.99E-17	7.31E-19	9.86	31.9747026	1.70E-01	14400943	14401066	NC_000016.9
cg08755736	3.00E-17	7.35E-19	9.86	31.9702143	1.69E-01	95957928	95958051	NC_000008.10
cg02291403	3.01E-17	7.36E-19	9.86	31.9678832	2.39E-01	130646461	130646584	NC_000012.11

cg22079195	3.01E-17	7.37E-19	9.86	31.9677939	1.08E-01	100799756	100799879	NC_000002.11
cg16733714	3.02E-17	7.40E-19	9.86	31.9634275	4.67E-02	54318953	54319076	NC_000001.10
cg13747145	3.04E-17	7.43E-19	9.86	31.95895	9.55E-02	33261000	33261123	NC_000003.11
cg10631546	3.05E-17	7.47E-19	9.85	31.9536003	9.97E-02	114903101	114903224	NC_000004.11
cg27420520	3.06E-17	7.50E-19	9.85	31.9504643	2.43E-01	103352267	103352390	NC_000012.11
cg09497124	3.10E-17	7.59E-19	9.85	31.9380409	6.33E-02	43883469	43883592	NC_000015.9
cg08549332	3.11E-17	7.61E-19	9.85	31.9352143	1.17E-01	101558461	101558584	NC_000007.13
cg15960924	3.12E-17	7.65E-19	9.85	31.9300941	1.74E-01	32151282	32151405	NC_000003.11
cg13929328	3.13E-17	7.66E-19	9.85	31.9287522	1.94E-01	129535898	129536021	NC_000010.10
cg21229268	3.15E-17	7.73E-19	9.85	31.9200883	2.02E-01	34442350	34442473	NC_000021.8
cg15262242	3.15E-17	7.73E-19	9.85	31.9193508	3.10E-01	47301741	47301864	NC_000017.10
cg00515457	3.17E-17	7.78E-19	9.85	31.9138605	2.50E-01	35396203	35396326	NC_000019.9
cg27248474	3.17E-17	7.78E-19	9.85	31.9135386	1.77E-01	88991238	88991361	NC_000016.9
cg23551605	3.18E-17	7.80E-19	9.85	31.9105353	1.28E-01	236442942	236443065	NC_000002.11
cg07062388	3.19E-17	7.82E-19	9.85	31.9081264	7.76E-02	70507787	70507910	NC_000006.11
cg23663318	3.20E-17	7.84E-19	9.85	31.9055417	1.08E-01	89448407	89448530	NC_000001.10
cg04124457	3.20E-17	7.84E-19	9.85	31.9052542	1.32E-01	56036455	56036578	NC_000015.9
cg03724721	3.21E-17	7.89E-19	9.85	31.899673	1.45E-01	19939061	19939184	NC_000022.10
cg23251122	3.22E-17	7.90E-19	9.85	31.8984254	1.14E-01	35947995	35948118	NC_000022.10
cg10164795	3.22E-17	7.90E-19	9.85	31.898114	1.41E-01	44181838	44181961	NC_000010.10
cg09743650	3.23E-17	7.94E-19	9.85	31.8930431	1.37E-01	85675160	85675283	NC_000016.9
cg19760441	3.24E-17	7.96E-19	9.84	31.8907766	5.94E-02	32825139	32825262	NC_000006.11
cg25902889	3.26E-17	8.01E-19	9.84	31.8844755	1.96E-01	4305090	4305213	NC_000019.9
cg27621340	3.27E-17	8.02E-19	9.84	31.8829092	2.68E-01	89346269	89346392	NC_000015.9
cg16754788	3.28E-17	8.06E-19	9.84	31.8779586	2.05E-01	97803770	97803893	NC_000008.10

cg02661431	3.30E-17	8.11E-19	9.84	31.8725315	9.47E-02	45010881	45011004	NC_000001.10
cg19182986	3.30E-17	8.12E-19	9.84	31.8709723	1.20E-01	124613500	124613623	NC_000011.9
cg11028052	3.32E-17	8.16E-19	9.84	31.8665058	1.04E-01	81154387	81154510	NC_000015.9
cg23003534	3.33E-17	8.19E-19	9.84	31.8630886	2.61E-01	105036747	105036870	NC_000010.10
cg21915998	3.33E-17	8.19E-19	9.84	31.8627534	1.51E-01	67060872	67060995	NC_000002.11
cg16342949	3.33E-17	8.19E-19	9.84	31.8622095	1.10E-01	63883584	63883707	NC_000011.9
cg23329015	3.34E-17	8.20E-19	9.84	31.8608561	1.14E-01	1027680	1027803	NC_000017.10
cg07444414	3.38E-17	8.32E-19	9.84	31.8472945	1.27E-01	32117377	32117500	NC_000006.11
cg14394692	3.40E-17	8.37E-19	9.84	31.8406342	2.36E-01	30517589	30517712	NC_000015.9
cg00028844	3.40E-17	8.38E-19	9.84	31.8401605	1.38E-01	43938184	43938307	NC_000020.10
cg16501028	3.40E-17	8.38E-19	9.84	31.8397204	1.56E-01	32450000	32450123	NC_000011.9
cg22539706	3.42E-17	8.43E-19	9.84	31.8340567	9.94E-02	24646727	24646850	NC_000010.10
cg00916179	3.42E-17	8.44E-19	9.84	31.83325	1.15E-01	43992805	43992928	NC_000002.11
cg06874656	3.45E-17	8.51E-19	9.83	31.824909	2.23E-01	131780353	131780476	NC_000011.9
cg10023272	3.47E-17	8.55E-19	9.83	31.820371	1.94E-01	110611823	110611946	NC_000001.10
cg26133372	3.47E-17	8.55E-19	9.83	31.8203533	3.42E-02	1537930	1538053	NC_000005.9
cg17686487	3.47E-17	8.55E-19	9.83	31.8194773	2.11E-01	50686281	50686404	NC_000005.9
cg11058904	3.48E-17	8.57E-19	9.83	31.8173252	1.01E-01	69987299	69987422	NC_000011.9
cg18409985	3.50E-17	8.63E-19	9.83	31.811174	1.38E-01	113513520	113513643	NC_000013.10
cg07598357	3.51E-17	8.66E-19	9.83	31.8069208	1.91E-01	170595195	170595318	NC_000006.11
cg05132905	3.52E-17	8.69E-19	9.83	31.8040426	8.30E-02	38600367	38600490	NC_000002.11
cg19913496	3.52E-17	8.69E-19	9.83	31.8039778	1.51E-01	116694158	116694281	NC_000001.10
cg11155547	3.55E-17	8.77E-19	9.83	31.7945313	6.34E-02	42856236	42856359	NC_000006.11
cg06660530	3.58E-17	8.84E-19	9.83	31.7866188	2.09E-01	61809911	61810034	NC_000020.10
cg24739457	3.59E-17	8.88E-19	9.83	31.7821331	2.12E-01	205821442	205821565	NC_000001.10

cg25652781	3.63E-17	8.97E-19	9.83	31.7723433	6.02E-02	153586344	153586467	NC_000004.11
cg18489289	3.64E-17	8.99E-19	9.83	31.7701363	1.92E-01	44876292	44876415	NC_000010.10
cg04023150	3.66E-17	9.05E-19	9.83	31.7639916	3.11E-01	44873064	44873187	NC_000001.10
cg18407189	3.68E-17	9.10E-19	9.82	31.7578083	8.89E-02	67810421	67810544	NC_000011.9
cg16437211	3.70E-17	9.15E-19	9.82	31.753078	1.28E-01	142844692	142844815	NC_000008.10
cg18818210	3.73E-17	9.22E-19	9.82	31.7450581	1.26E-01	147286378	147286501	NC_000005.9
cg12682684	3.73E-17	9.25E-19	9.82	31.7425231	2.24E-01	66535403	66535526	NC_000004.11
cg13473356	3.79E-17	9.39E-19	9.82	31.7271128	2.29E-01	179754613	179754736	NC_000003.11
cg11903177	3.79E-17	9.39E-19	9.82	31.7270765	1.69E-01	17379358	17379481	NC_000017.10
cg00783000	3.80E-17	9.43E-19	9.82	31.7232976	1.38E-01	101007650	101007773	NC_000014.8
cg24997888	3.81E-17	9.44E-19	9.82	31.7216248	1.23E-01	179042747	179042870	NC_000001.10
cg00661970	3.81E-17	9.45E-19	9.82	31.7211033	2.62E-01	115135027	115135150	NC_000012.11
cg14137354	3.81E-17	9.45E-19	9.82	31.7208844	1.84E-01	95993155	95993278	NC_000009.11
cg00811065	3.83E-17	9.50E-19	9.82	31.71598	1.97E-01	1287159	1287282	NC_000007.13
cg02172669	3.83E-17	9.50E-19	9.82	31.7150978	1.51E-01	149410459	149410582	NC_000007.13
cg19736604	3.84E-17	9.54E-19	9.82	31.7113101	9.14E-02	32052289	32052412	NC_000006.11
cg13302823	3.84E-17	9.54E-19	9.82	31.7111456	2.04E-01	145559792	145559915	NC_000008.10
cg02567323	3.85E-17	9.55E-19	9.82	31.710026	1.67E-01	48671699	48671822	NC_000002.11
cg22290744	3.85E-17	9.57E-19	9.82	31.7087204	2.53E-01	5710016	5710139	NC_000004.11
cg04606397	3.87E-17	9.61E-19	9.82	31.7040406	1.63E-01	157129618	157129741	NC_000006.11
cg13660679	3.88E-17	9.64E-19	9.82	31.7013697	9.21E-02	133570890	133571013	NC_000009.11
cg25884711	3.89E-17	9.66E-19	9.82	31.6988052	3.39E-01	24323840	24323963	NC_000007.13
cg02400740	3.90E-17	9.69E-19	9.82	31.6955187	2.20E-01	19157938	19158061	NC_000007.13
cg15111708	3.90E-17	9.70E-19	9.82	31.6949916	9.50E-02	154146853	154146976	NC_000005.9
cg00348762	3.93E-17	9.77E-19	9.81	31.6873891	2.01E-01	56228114	56228237	NC_000016.9

cg25994871	3.95E-17	9.82E-19	9.81	31.6832145	1.47E-01	107967614	107967737	NC_000007.13
cg21972431	3.95E-17	9.82E-19	9.81	31.6828314	1.67E-01	17812356	17812479	NC_000007.13
cg04773818	3.95E-17	9.83E-19	9.81	31.6821774	2.47E-01	31496966	31497089	NC_000008.10
cg05210258	3.97E-17	9.89E-19	9.81	31.6760634	2.60E-01	102569538	102569661	NC_000013.10
cg26581504	3.98E-17	9.91E-19	9.81	31.6741796	1.41E-01	112046963	112047086	NC_000011.9
cg27032146	3.98E-17	9.92E-19	9.81	31.6730603	2.12E-01	96652115	96652238	NC_000007.13
cg20591728	4.00E-17	9.97E-19	9.81	31.6679571	1.80E-01	46683606	46683729	NC_000017.10
cg16197186	4.01E-17	9.98E-19	9.81	31.667108	1.01E-01	12413887	12414010	NC_000003.11
cg17910121	4.02E-17	1.00E-18	9.81	31.6623288	2.03E-01	28034669	28034792	NC_000010.10
cg01287000	4.03E-17	1.00E-18	9.81	31.6612908	1.49E-01	145938564	145938687	NC_000008.10
cg16720807	4.03E-17	1.00E-18	9.81	31.6605116	1.68E-01	75786714	75786837	NC_000002.11
cg12500879	4.03E-17	1.00E-18	9.81	31.6603782	2.76E-01	31848649	31848772	NC_000011.9
cg04023204	4.05E-17	1.01E-18	9.81	31.6557285	9.80E-02	68281979	68282102	NC_000016.9
cg11611932	4.05E-17	1.01E-18	9.81	31.6546142	8.44E-02	46073483	46073606	NC_000007.13
cg18007757	4.06E-17	1.01E-18	9.81	31.6526163	4.19E-02	110358928	110359051	NC_000013.10
cg22694818	4.08E-17	1.02E-18	9.81	31.6487318	1.86E-01	75595970	75596093	NC_000001.10
cg10334767	4.08E-17	1.02E-18	9.81	31.6480731	2.77E-01	10459128	10459251	NC_000004.11
cg26290155	4.08E-17	1.02E-18	9.81	31.6471824	1.89E-01	69449994	69450117	NC_000014.8
cg07747616	4.09E-17	1.02E-18	9.81	31.6448014	1.37E-01	7729794	7729917	NC_000006.11
cg10276506	4.13E-17	1.03E-18	9.81	31.6356302	9.17E-02	31690170	31690293	NC_000006.11
cg17545805	4.13E-17	1.03E-18	9.81	31.6347524	4.05E-02	134551796	134551919	NC_000010.10
cg08463758	4.14E-17	1.03E-18	9.81	31.6329578	1.96E-01	39995649	39995772	NC_000020.10
cg26998274	4.14E-17	1.03E-18	9.81	31.6325915	2.73E-01	84456258	84456381	NC_000013.10
cg20829347	4.14E-17	1.03E-18	9.81	31.6316761	1.60E-01	112720927	112721050	NC_000013.10
cg25970454	4.15E-17	1.04E-18	9.81	31.6302201	1.46E-01	76957699	76957822	NC_000012.11

cg23845153	4.17E-17	1.04E-18	9.8	31.6242307	9.97E-02	7750448	7750571	NC_000004.11
cg09387587	4.18E-17	1.04E-18	9.8	31.6226798	5.69E-02	90000322	90000445	NC_000016.9
cg11097541	4.18E-17	1.04E-18	9.8	31.6223672	1.84E-01	27208188	27208311	NC_000007.13
cg06522679	4.20E-17	1.05E-18	9.8	31.6176025	8.15E-02	18287231	18287354	NC_000011.9
cg21356750	4.20E-17	1.05E-18	9.8	31.6171905	9.53E-02	31864236	31864359	NC_000006.11
cg25643223	4.22E-17	1.06E-18	9.8	31.6106647	1.89E-01	24787195	24787318	NC_000013.10
cg22557091	4.25E-17	1.06E-18	9.8	31.6051884	2.35E-01	31827920	31828043	NC_000011.9
cg16648062	4.27E-17	1.07E-18	9.8	31.5984519	2.53E-01	104512168	104512291	NC_000008.10
cg15187276	4.28E-17	1.07E-18	9.8	31.5973992	9.30E-02	62531608	62531731	NC_000011.9
cg02866106	4.29E-17	1.07E-18	9.8	31.5952299	1.85E-01	136553110	136553233	NC_000007.13
cg09825082	4.29E-17	1.07E-18	9.8	31.5941077	2.08E-01	2567907	2568030	NC_000002.11
cg02253499	4.29E-17	1.08E-18	9.8	31.5929588	1.40E-01	12602046	12602169	NC_000003.11
cg00495860	4.31E-17	1.08E-18	9.8	31.5882528	2.32E-01	38065524	38065647	NC_000021.8
cg17079833	4.32E-17	1.08E-18	9.8	31.5877628	3.31E-01	22487847	22487970	NC_000012.11
cg14645650	4.32E-17	1.08E-18	9.8	31.5875318	7.00E-02	25228801	25228924	NC_000001.10
cg13519035	4.32E-17	1.08E-18	9.8	31.5873215	2.06E-01	34261006	34261129	NC_000012.11
cg25463470	4.38E-17	1.10E-18	9.8	31.5714514	1.99E-01	112721712	112721835	NC_000013.10
cg02864844	4.38E-17	1.10E-18	9.8	31.5713999	3.02E-01	149917263	149917386	NC_000007.13
cg03737442	4.39E-17	1.10E-18	9.8	31.5697246	1.09E-01	11177295	11177418	NC_000003.11
cg26310913	4.39E-17	1.10E-18	9.8	31.5693923	1.18E-01	239554854	239554977	NC_000001.10
cg00902516	4.39E-17	1.10E-18	9.8	31.5685325	1.72E-01	6233774	6233897	NC_000010.10
cg02150536	4.42E-17	1.11E-18	9.8	31.5625614	4.33E-02	11302179	11302302	NC_000003.11
cg21966860	4.43E-17	1.11E-18	9.79	31.5585269	1.62E-01	145538097	145538220	NC_000008.10
cg21779611	4.48E-17	1.12E-18	9.79	31.5483044	2.57E-01	76738999	76739122	NC_000018.9
cg09714184	4.49E-17	1.13E-18	9.79	31.5458767	1.08E-01	15740113	15740236	NC_000016.9



cg27553667	4.50E-17	1.13E-18	9.79	31.5417848	2.34E-01	27216083	27216206	NC_000015.9
cg14027297	4.51E-17	1.13E-18	9.79	31.540829	8.64E-02	26911633	26911756	NC_000022.10
cg15934634	4.51E-17	1.13E-18	9.79	31.5404537	1.73E-01	68920095	68920218	NC_000011.9
cg18605137	4.52E-17	1.14E-18	9.79	31.5376398	1.12E-01	80915044	80915167	NC_000017.10
cg04219410	4.59E-17	1.16E-18	9.79	31.5216663	6.78E-02	21106687	21106810	NC_000020.10
cg18101138	4.61E-17	1.16E-18	9.79	31.5163684	1.83E-01	4942469	4942592	NC_000005.9
cg18603028	4.72E-17	1.19E-18	9.78	31.4934106	2.18E-01	136834392	136834515	NC_000005.9
cg08886973	4.75E-17	1.20E-18	9.78	31.4873955	2.35E-01	166402416	166402539	NC_000006.11
cg03278146	4.75E-17	1.20E-18	9.78	31.4862548	2.93E-01	5197327	5197450	NC_000018.9
cg15798050	4.76E-17	1.20E-18	9.78	31.4849518	9.85E-02	47513521	47513644	NC_000022.10
cg14461586	4.76E-17	1.20E-18	9.78	31.4839879	7.26E-02	122707223	122707346	NC_000010.10
cg11021317	4.78E-17	1.21E-18	9.78	31.4795379	9.40E-02	11471730	11471853	NC_000004.11
cg23288059	4.78E-17	1.21E-18	9.78	31.4794853	2.48E-01	38724945	38725068	NC_000014.8
cg16794506	4.81E-17	1.21E-18	9.78	31.4736919	2.30E-01	119600002	119600125	NC_000002.11
cg25060525	4.81E-17	1.21E-18	9.78	31.4724628	6.46E-02	3235295	3235418	NC_000004.11
cg11162839	4.83E-17	1.22E-18	9.78	31.4689686	1.25E-01	135688971	135689094	NC_000003.11
cg11401784	4.85E-17	1.22E-18	9.78	31.4642931	1.55E-01	16092264	16092387	NC_000001.10
cg02947450	4.87E-17	1.23E-18	9.78	31.4595265	9.53E-02	22766861	22766984	NC_000010.10
cg24952102	4.87E-17	1.23E-18	9.78	31.4590985	8.26E-02	93062752	93062875	NC_000011.9
cg27054655	4.88E-17	1.23E-18	9.78	31.457829	1.49E-01	178772969	178773092	NC_000005.9
cg11976616	4.89E-17	1.24E-18	9.78	31.4551361	2.27E-01	41213172	41213295	NC_000005.9
cg16794682	4.92E-17	1.24E-18	9.78	31.4489437	9.70E-02	69460951	69461074	NC_000011.9
cg17178489	4.93E-17	1.25E-18	9.78	31.4468241	1.27E-01	22896140	22896263	NC_000015.9
cg01008267	4.94E-17	1.25E-18	9.78	31.4448057	8.50E-02	47515249	47515372	NC_000022.10
cg19600023	4.96E-17	1.25E-18	9.78	31.4402914	1.25E-01	150525304	150525427	NC_000006.11

cg04360793	4.97E-17	1.26E-18	9.78	31.4378781	2.37E-01	79472361	79472484	NC_000001.10
cg20510724	4.97E-17	1.26E-18	9.78	31.4370812	2.48E-01	89346795	89346918	NC_000015.9
cg14099664	5.00E-17	1.26E-18	9.78	31.4321754	1.38E-01	32545349	32545472	NC_000003.11
cg02656891	5.03E-17	1.27E-18	9.77	31.4264112	2.23E-01	34642519	34642642	NC_000001.10
cg22484980	5.07E-17	1.28E-18	9.77	31.4178392	1.15E-01	68815449	68815572	NC_000011.9
cg06805834	5.08E-17	1.29E-18	9.77	31.415865	9.82E-02	45081274	45081397	NC_000003.11
cg18811550	5.09E-17	1.29E-18	9.77	31.4140661	1.66E-01	27198311	27198434	NC_000007.13
cg23253569	5.09E-17	1.29E-18	9.77	31.4123371	2.77E-01	34398222	34398345	NC_000021.8
cg20661138	5.10E-17	1.29E-18	9.77	31.4100693	2.25E-01	145925314	145925437	NC_000008.10
cg19304273	5.11E-17	1.30E-18	9.77	31.4084392	1.42E-01	49070231	49070354	NC_000011.9
cg01219205	5.12E-17	1.30E-18	9.77	31.4056662	1.54E-01	33937433	33937556	NC_000001.10
cg07139350	5.15E-17	1.31E-18	9.77	31.4001529	1.82E-01	12416368	12416491	NC_000001.10
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cg14626309	5.19E-17	1.32E-18	9.77	31.392778	2.38E-01	299051	299174	NC_000004.11
cg14879760	5.23E-17	1.33E-18	9.77	31.3850657	2.28E-01	50673965	50674088	NC_000005.9
cg24988036	5.24E-17	1.33E-18	9.77	31.3816499	1.64E-01	32260699	32260822	NC_000020.10
cg02434880	5.26E-17	1.34E-18	9.77	31.377389	1.08E-01	30620732	30620855	NC_000006.11
cg22409854	5.30E-17	1.35E-18	9.77	31.3702576	2.51E-01	88877301	88877424	NC_000006.11
cg08722638	5.31E-17	1.35E-18	9.77	31.3685395	1.44E-01	43035419	43035542	NC_000002.11
cg05766140	5.32E-17	1.35E-18	9.77	31.3668976	2.98E-01	391743	391866	NC_000006.11
cg00061039	5.33E-17	1.36E-18	9.76	31.3629573	2.14E-01	187186953	187187076	NC_000004.11
cg17120366	5.35E-17	1.36E-18	9.76	31.3593939	1.56E-01	28571322	28571445	NC_000010.10
cg18126097	5.35E-17	1.36E-18	9.76	31.3588737	2.38E-01	200014673	200014796	NC_000001.10
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cg12491966	5.38E-17	1.37E-18	9.76	31.354595	1.29E-01	46925242	46925365	NC_000021.8

cg10824063	5.39E-17	1.37E-18	9.76	31.3516259	2.39E-01	20690934	20691057	NC_000011.9
cg08274637	5.43E-17	1.38E-18	9.76	31.3439372	1.43E-01	51417923	51418046	NC_000013.10
cg09830455	5.46E-17	1.39E-18	9.76	31.3380643	1.56E-01	70886197	70886320	NC_000011.9
cg01670608	5.50E-17	1.40E-18	9.76	31.3298445	1.66E-01	35765093	35765216	NC_000006.11
cg13692446	5.52E-17	1.41E-18	9.76	31.3270312	2.51E-01	112759719	112759842	NC_000013.10
cg01670896	5.53E-17	1.41E-18	9.76	31.3250512	1.70E-01	1933522	1933645	NC_000008.10
cg04772968	5.53E-17	1.41E-18	9.76	31.3249404	1.87E-01	12404112	12404235	NC_000019.9
cg05843106	5.53E-17	1.41E-18	9.76	31.3247103	1.88E-01	186030462	186030585	NC_000004.11
cg03976877	5.58E-17	1.42E-18	9.76	31.3160904	3.17E-01	158937610	158937733	NC_000007.13
cg07121488	5.58E-17	1.42E-18	9.76	31.3159345	6.91E-02	40581105	40581228	NC_000015.9
cg23528705	5.62E-17	1.43E-18	9.76	31.3080889	2.08E-01	1275252	1275375	NC_000007.13
cg04207385	5.67E-17	1.45E-18	9.75	31.2978272	2.63E-01	88877064	88877187	NC_000006.11
cg08498254	5.68E-17	1.45E-18	9.75	31.2968136	2.20E-01	155109505	155109628	NC_000005.9
cg13791254	5.70E-17	1.46E-18	9.75	31.2923309	2.20E-01	100616607	100616730	NC_000009.11
cg16334314	5.71E-17	1.46E-18	9.75	31.2912043	2.58E-01	84418789	84418912	NC_000006.11
cg04559779	5.75E-17	1.47E-18	9.75	31.2837378	2.50E-01	65291730	65291853	NC_000008.10
cg05161082	5.77E-17	1.47E-18	9.75	31.2798556	2.74E-01	21680409	21680532	NC_000012.11
cg21234123	5.77E-17	1.47E-18	9.75	31.2797975	7.89E-02	139435339	139435462	NC_000009.11
cg08323651	5.78E-17	1.48E-18	9.75	31.2782112	2.12E-01	136553855	136553978	NC_000007.13
cg21033440	5.80E-17	1.48E-18	9.75	31.2738472	2.01E-01	65409861	65409984	NC_000011.9
cg27032232	5.81E-17	1.48E-18	9.75	31.2732401	2.40E-01	153584609	153584732	NC_000007.13
cg12419135	5.82E-17	1.49E-18	9.75	31.2715822	2.92E-01	29719023	29719146	NC_000017.10
cg22425711	5.85E-17	1.50E-18	9.75	31.2662897	9.52E-02	38200251	38200374	NC_000001.10
cg12566756	5.86E-17	1.50E-18	9.75	31.2636967	2.40E-01	106975149	106975272	NC_000012.11
cg00729039	5.86E-17	1.50E-18	9.75	31.2630394	1.14E-01	148722798	148722921	NC_000007.13

cg22226398	5.87E-17	1.50E-18	9.75	31.2612494	1.04E-01	235295459	235295582	NC_000001.10
cg15196806	5.90E-17	1.51E-18	9.75	31.2561838	1.79E-01	27171213	27171336	NC_000007.13
cg18394552	5.90E-17	1.51E-18	9.75	31.2558834	1.87E-01	159428643	159428766	NC_000005.9
cg21369812	5.91E-17	1.51E-18	9.75	31.2535178	1.17E-01	73471699	73471822	NC_000010.10
cg06239131	5.92E-17	1.52E-18	9.75	31.2519856	1.02E-01	2483786	2483909	NC_000001.10
cg04839289	5.93E-17	1.52E-18	9.75	31.249845	1.33E-01	24045274	24045397	NC_000014.8
cg24624901	5.93E-17	1.52E-18	9.75	31.249711	2.71E-01	19184273	19184396	NC_000007.13
cg16282242	5.93E-17	1.52E-18	9.75	31.2496484	4.05E-02	94975980	94976103	NC_000012.11
cg07944936	5.94E-17	1.52E-18	9.75	31.2481177	1.81E-01	107950685	107950808	NC_000006.11
cg25113462	5.99E-17	1.54E-18	9.75	31.2386121	1.45E-01	239299293	239299416	NC_000002.11
cg17284804	6.02E-17	1.54E-18	9.75	31.2342797	2.28E-01	67218135	67218258	NC_000001.10
cg25012961	6.03E-17	1.55E-18	9.74	31.2322063	2.04E-01	124034288	124034411	NC_000005.9
cg15837333	6.07E-17	1.56E-18	9.74	31.2241578	1.22E-01	64519179	64519302	NC_000012.11
cg00332021	6.08E-17	1.56E-18	9.74	31.2223856	1.96E-01	17083412	17083535	NC_000022.10
cg18566177	6.14E-17	1.58E-18	9.74	31.2137911	2.36E-01	134491483	134491606	NC_000006.11
cg23411518	6.14E-17	1.58E-18	9.74	31.2128527	1.53E-01	57680479	57680602	NC_000015.9
cg22660196	6.14E-17	1.58E-18	9.74	31.2127178	9.31E-02	143932803	143932926	NC_000006.11
cg12537437	6.18E-17	1.59E-18	9.74	31.206067	1.80E-01	74871202	74871325	NC_000011.9
cg24860020	6.21E-17	1.60E-18	9.74	31.2002754	4.24E-02	122515725	122515848	NC_000008.10
cg15814504	6.24E-17	1.60E-18	9.74	31.1965548	2.66E-01	50694985	50695108	NC_000005.9
cg16638920	6.27E-17	1.61E-18	9.74	31.1904635	1.85E-01	87974012	87974135	NC_000005.9
cg27364012	6.35E-17	1.63E-18	9.74	31.1781638	1.43E-01	109322605	109322728	NC_000006.11
cg02585142	6.38E-17	1.64E-18	9.74	31.1735692	1.45E-01	89434967	89435090	NC_000015.9
cg02428119	6.38E-17	1.64E-18	9.74	31.1726131	2.72E-01	58520874	58520997	NC_000019.9
cg00097146	6.38E-17	1.64E-18	9.74	31.1725674	2.21E-01	45171818	45171941	NC_000002.11

cg13048147	6.39E-17	1.65E-18	9.74	31.1705643	1.57E-01	73044542	73044665	NC_000017.10
cg22735650	6.40E-17	1.65E-18	9.74	31.1700099	6.19E-02	71504159	71504282	NC_000015.9
cg08211028	6.40E-17	1.65E-18	9.74	31.1690685	2.44E-01	109674963	109675086	NC_000010.10
cg03200786	6.45E-17	1.66E-18	9.73	31.1618312	1.41E-01	2483916	2484039	NC_000004.11
cg01118679	6.48E-17	1.67E-18	9.73	31.1566658	6.20E-02	87018135	87018258	NC_000001.10
cg08620154	6.48E-17	1.67E-18	9.73	31.1565581	2.78E-01	69244553	69244676	NC_000008.10
cg05206661	6.49E-17	1.67E-18	9.73	31.1549167	5.91E-02	11271531	11271654	NC_000002.11
cg14413262	6.50E-17	1.68E-18	9.73	31.1529427	9.07E-02	8384046	8384169	NC_000001.10
cg02412684	6.55E-17	1.69E-18	9.73	31.1455628	1.22E-01	123354194	123354317	NC_000010.10
cg05085500	6.55E-17	1.69E-18	9.73	31.145502	2.24E-01	19692172	19692295	NC_000006.11
cg10640181	6.57E-17	1.69E-18	9.73	31.1426174	5.46E-02	16704094	16704217	NC_000005.9
cg02217367	6.58E-17	1.70E-18	9.73	31.1405041	5.50E-02	926438	926561	NC_000017.10
cg24895178	6.58E-17	1.70E-18	9.73	31.1396816	1.32E-01	14207927	14208050	NC_000017.10
cg02533364	6.62E-17	1.71E-18	9.73	31.1338475	1.10E-01	79076083	79076206	NC_000017.10
cg04835383	6.63E-17	1.71E-18	9.73	31.1326545	1.51E-01	28888029	28888152	NC_000006.11
cg18932798	6.65E-17	1.72E-18	9.73	31.1294722	2.72E-01	105037503	105037626	NC_000010.10
cg06372151	6.65E-17	1.72E-18	9.73	31.1282439	1.66E-01	49340730	49340853	NC_000012.11
cg17744883	6.69E-17	1.73E-18	9.73	31.1224346	1.97E-01	2279386	2279509	NC_000005.9
cg24876960	6.72E-17	1.74E-18	9.73	31.1184552	2.71E-01	1883214	1883337	NC_000005.9
cg21003878	6.73E-17	1.74E-18	9.73	31.1156725	1.14E-01	24872323	24872446	NC_000014.8
cg26272270	6.75E-17	1.74E-18	9.73	31.1135953	2.54E-01	18430144	18430267	NC_000010.10
cg24375626	6.88E-17	1.78E-18	9.72	31.0936284	2.04E-01	182098716	182098839	NC_000001.10
cg08787083	6.96E-17	1.80E-18	9.72	31.0816842	1.19E-01	129868324	129868447	NC_000010.10
cg06320418	6.98E-17	1.81E-18	9.72	31.0783976	1.36E-01	766888	767011	NC_000016.9
cg17390350	6.99E-17	1.81E-18	9.72	31.077517	2.67E-01	42267747	42267870	NC_000007.13

cg06334484	7.02E-17	1.82E-18	9.72	31.0723289	1.22E-01	35948145	35948268	NC_000007.13
cg23207990	7.04E-17	1.82E-18	9.72	31.0692174	2.32E-01	154710535	154710658	NC_000004.11
cg01367097	7.05E-17	1.83E-18	9.72	31.0677948	1.55E-01	163037784	163037907	NC_000001.10
cg27337857	7.05E-17	1.83E-18	9.72	31.0673879	1.24E-01	18628714	18628837	NC_000007.13
cg09617993	7.08E-17	1.84E-18	9.72	31.0630294	2.18E-01	3239294	3239417	NC_000016.9
cg01790438	7.12E-17	1.85E-18	9.72	31.0576162	1.46E-01	10332117	10332240	NC_000005.9
cg01760189	7.18E-17	1.86E-18	9.72	31.0483405	1.42E-01	35656896	35657019	NC_000017.10
cg22694087	7.26E-17	1.88E-18	9.71	31.0370811	6.93E-02	128273476	128273599	NC_000003.11
cg23081855	7.29E-17	1.89E-18	9.71	31.0322039	2.09E-01	134889789	134889912	NC_000007.13
cg03816707	7.30E-17	1.90E-18	9.71	31.0305625	1.78E-01	43726544	43726667	NC_000020.10
cg16498194	7.31E-17	1.90E-18	9.71	31.0292099	1.60E-01	130647874	130647997	NC_000012.11
cg09257635	7.33E-17	1.90E-18	9.71	31.0268495	1.95E-01	228346181	228346304	NC_000001.10
cg02318926	7.33E-17	1.90E-18	9.71	31.0264438	2.38E-01	83952345	83952468	NC_000015.9
cg02880877	7.33E-17	1.90E-18	9.71	31.0262456	1.61E-01	125623484	125623607	NC_000006.11
cg00429509	7.38E-17	1.92E-18	9.71	31.019109	1.27E-01	365132	365255	NC_000002.11
cg26993198	7.40E-17	1.92E-18	9.71	31.0166236	2.12E-01	153859740	153859863	NC_000005.9
cg03968618	7.43E-17	1.93E-18	9.71	31.0120202	1.96E-01	186758663	186758786	NC_000004.11
cg10845893	7.45E-17	1.94E-18	9.71	31.0103674	1.61E-01	139420170	139420293	NC_000005.9
cg07514158	7.47E-17	1.94E-18	9.71	31.0072643	2.43E-01	24267526	24267649	NC_000016.9
cg27316626	7.48E-17	1.95E-18	9.71	31.0056435	1.75E-01	73450762	73450885	NC_000008.10
cg17744110	7.48E-17	1.95E-18	9.71	31.0048696	1.53E-01	47107173	47107296	NC_000019.9
cg14359292	7.49E-17	1.95E-18	9.71	31.0041492	2.02E-01	27170892	27171015	NC_000007.13
cg05213609	7.52E-17	1.96E-18	9.71	30.9997481	2.30E-01	51185407	51185530	NC_000016.9
cg26390050	7.59E-17	1.98E-18	9.71	30.9895795	9.66E-02	144621170	144621293	NC_000008.10
cg11338420	7.61E-17	1.98E-18	9.71	30.9879639	9.94E-02	144621219	144621342	NC_000008.10

cg11414560	7.61E-17	1.98E-18	9.71	30.9877644	2.73E-01	58179996	58180119	NC_000020.10
cg00573504	7.64E-17	1.99E-18	9.71	30.9831944	1.80E-01	1123809	1123932	NC_000005.9
cg22872857	7.66E-17	1.99E-18	9.71	30.9805294	1.87E-01	21794985	21795108	NC_000008.10
cg20844851	7.67E-17	2.00E-18	9.71	30.9787953	2.50E-01	117591827	117591950	NC_000006.11
cg17857070	7.67E-17	2.00E-18	9.71	30.9786026	2.39E-01	14320475	14320598	NC_000019.9
cg14548038	7.69E-17	2.00E-18	9.71	30.9766696	8.62E-02	140178418	140178541	NC_000009.11
cg23774356	7.69E-17	2.00E-18	9.71	30.9763645	3.05E-01	19137874	19137997	NC_000022.10
cg08448668	7.76E-17	2.02E-18	9.7	30.9670952	8.90E-02	245852157	245852280	NC_000001.10
cg17245135	7.77E-17	2.02E-18	9.7	30.9660278	1.22E-01	88018524	88018647	NC_000005.9
cg26500398	7.80E-17	2.03E-18	9.7	30.9612873	7.06E-02	22974616	22974739	NC_000008.10
cg06369992	7.84E-17	2.04E-18	9.7	30.9566171	2.51E-01	119494494	119494617	NC_000010.10
cg10888399	7.84E-17	2.05E-18	9.7	30.9559351	9.21E-02	18061368	18061491	NC_000022.10
cg05546264	7.90E-17	2.06E-18	9.7	30.9487318	1.44E-01	187507476	187507599	NC_000004.11
cg06685737	7.91E-17	2.06E-18	9.7	30.9472919	2.17E-01	35301730	35301853	NC_000007.13
cg22346124	7.93E-17	2.07E-18	9.7	30.9446349	2.97E-01	2291677	2291800	NC_000011.9
cg20380465	7.93E-17	2.07E-18	9.7	30.9446029	8.03E-02	13919497	13919620	NC_000005.9
cg17804850	7.95E-17	2.08E-18	9.7	30.9408007	1.56E-01	60052386	60052509	NC_000018.9
cg05546878	8.00E-17	2.09E-18	9.7	30.9351952	8.48E-02	219696695	219696818	NC_000002.11
cg20470857	8.05E-17	2.10E-18	9.7	30.928509	1.60E-01	119915783	119915906	NC_000002.11
cg08097359	8.10E-17	2.12E-18	9.7	30.9225135	1.53E-01	50064054	50064177	NC_000019.9
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cg03496114	8.11E-17	2.12E-18	9.7	30.9206002	2.05E-01	80329459	80329582	NC_000017.10
cg08133669	8.12E-17	2.12E-18	9.7	30.9195387	1.56E-01	222790218	222790341	NC_000001.10
cg19788941	8.12E-17	2.12E-18	9.7	30.9191006	1.73E-01	23907989	23908112	NC_000002.11
cg00956199	8.13E-17	2.13E-18	9.7	30.9170979	2.13E-01	8078325	8078448	NC_000010.10

cg03230154	8.16E-17	2.14E-18	9.7	30.9130383	2.52E-01	22817176	22817299	NC_000019.9
cg24468199	8.16E-17	2.14E-18	9.7	30.9130266	1.21E-01	65410028	65410151	NC_000011.9
cg16195091	8.16E-17	2.14E-18	9.7	30.9128207	2.22E-01	76227996	76228119	NC_000017.10
cg26304088	8.17E-17	2.14E-18	9.7	30.9126623	1.38E-01	51462100	51462223	NC_000019.9
cg23999224	8.17E-17	2.14E-18	9.7	30.9114994	9.08E-02	39836003	39836126	NC_000019.9
cg10569606	8.25E-17	2.16E-18	9.69	30.9017113	2.37E-01	5019004	5019127	NC_000012.11
cg26422458	8.28E-17	2.17E-18	9.69	30.898462	2.25E-01	79472452	79472575	NC_000001.10
cg26705960	8.31E-17	2.18E-18	9.69	30.8945962	2.42E-01	100999009	100999132	NC_000011.9
cg24011260	8.35E-17	2.19E-18	9.69	30.8891074	2.61E-01	153584748	153584871	NC_000007.13
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cg04834436	8.49E-17	2.23E-18	9.69	30.8715572	1.79E-01	55362754	55362877	NC_000016.9
cg13567542	8.54E-17	2.24E-18	9.69	30.8664183	2.25E-01	30140018	30140141	NC_000006.11
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cg14611258	8.55E-17	2.24E-18	9.69	30.8643119	1.56E-01	17946468	17946591	NC_000017.10
cg14763548	8.67E-17	2.28E-18	9.69	30.8494045	3.30E-01	25062447	25062570	NC_000020.10
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cg01940460	8.75E-17	2.30E-18	9.68	30.839889	7.91E-02	191207242	191207365	NC_000002.11
cg24870688	8.78E-17	2.31E-18	9.68	30.8371403	1.22E-01	168399841	168399964	NC_000006.11
cg02246645	8.81E-17	2.32E-18	9.68	30.8331231	2.48E-01	103352235	103352358	NC_000012.11
cg16519433	8.82E-17	2.32E-18	9.68	30.8317645	4.62E-02	3143596	3143719	NC_000010.10
cg06636427	8.88E-17	2.33E-18	9.68	30.8246835	2.00E-01	1273200	1273323	NC_000007.13
cg19124242	8.93E-17	2.35E-18	9.68	30.8181192	1.74E-01	105747184	105747307	NC_000012.11



cg27567561	8.99E-17	2.37E-18	9.68	30.811829	1.32E-01	107974733	107974856	NC_000012.11
cg09776094	9.00E-17	2.37E-18	9.68	30.810808	8.16E-02	89357477	89357600	NC_000016.9
cg20449659	9.00E-17	2.37E-18	9.68	30.8107658	1.60E-01	32421752	32421875	NC_000011.9
cg05821789	9.03E-17	2.38E-18	9.68	30.8066467	2.75E-01	122848098	122848221	NC_000011.9
cg04983128	9.06E-17	2.39E-18	9.68	30.8031116	4.56E-02	10654462	10654585	NC_000001.10
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cg03289872	9.15E-17	2.41E-18	9.68	30.7935426	2.50E-01	56989102	56989225	NC_000019.9
cg00185829	9.17E-17	2.41E-18	9.68	30.7913152	3.06E-01	50064374	50064497	NC_000022.10
cg27347269	9.20E-17	2.43E-18	9.68	30.7870142	3.10E-01	67067867	67067990	NC_000018.9
cg17305436	9.27E-17	2.44E-18	9.68	30.7792422	2.38E-01	19837319	19837442	NC_000006.11
cg15950068	9.32E-17	2.46E-18	9.67	30.7732629	2.28E-01	84418659	84418782	NC_000006.11
cg01375869	9.33E-17	2.46E-18	9.67	30.7728516	1.21E-01	134828713	134828836	NC_000010.10
cg07514159	9.35E-17	2.47E-18	9.67	30.7700797	1.04E-01	80982257	80982380	NC_000010.10
cg18276638	9.37E-17	2.47E-18	9.67	30.7681562	2.56E-01	214360619	214360742	NC_000001.10
cg04243901	9.38E-17	2.48E-18	9.67	30.766406	8.11E-02	125441307	125441430	NC_000012.11
cg14239494	9.38E-17	2.48E-18	9.67	30.7660921	8.26E-02	40245598	40245721	NC_000020.10
cg22643811	9.41E-17	2.48E-18	9.67	30.7633487	2.29E-01	48885446	48885569	NC_000022.10
cg17394126	9.43E-17	2.49E-18	9.67	30.7609186	5.53E-02	137787060	137787183	NC_000003.11
cg13415242	9.45E-17	2.49E-18	9.67	30.7590488	7.69E-02	69568346	69568469	NC_000010.10
cg05157140	9.47E-17	2.50E-18	9.67	30.7569392	2.69E-01	1272545	1272668	NC_000007.13
cg18147485	9.49E-17	2.51E-18	9.67	30.7540234	3.68E-01	110986685	110986808	NC_000008.10
cg07104660	9.54E-17	2.52E-18	9.67	30.7486142	2.47E-01	67873511	67873634	NC_000008.10
cg21834684	9.59E-17	2.53E-18	9.67	30.7432644	1.58E-01	81797427	81797550	NC_000014.8
cg22717014	9.61E-17	2.54E-18	9.67	30.7404121	2.48E-01	111542473	111542596	NC_000004.11
cg02747390	9.62E-17	2.55E-18	9.67	30.7391868	9.93E-02	104939819	104939942	NC_000007.13

cg09530108	9.68E-17	2.56E-18	9.67	30.7332801	1.44E-01	36586710	36586833	NC_000002.11
cg11661914	9.68E-17	2.56E-18	9.67	30.732249	1.95E-01	49180849	49180972	NC_000012.11
cg10836101	9.68E-17	2.56E-18	9.67	30.7322487	1.80E-01	30020886	30021009	NC_000019.9
cg10319073	9.69E-17	2.56E-18	9.67	30.7319577	1.01E-01	123351548	123351671	NC_000012.11
cg00228796	9.69E-17	2.57E-18	9.67	30.731113	1.59E-01	21670736	21670859	NC_000001.10
cg24837370	9.70E-17	2.57E-18	9.67	30.7303367	2.23E-01	5833774	5833897	NC_000002.11
cg04007726	9.74E-17	2.58E-18	9.67	30.7253667	1.66E-01	80981129	80981252	NC_000010.10
cg02708922	9.75E-17	2.58E-18	9.67	30.7244733	1.43E-01	3502790	3502913	NC_000002.11
cg09569989	9.84E-17	2.61E-18	9.67	30.7151269	1.08E-01	38053419	38053542	NC_000004.11
cg02417576	9.86E-17	2.61E-18	9.67	30.7133204	9.21E-02	46846389	46846512	NC_000021.8
cg18583931	9.87E-17	2.62E-18	9.67	30.7123428	1.22E-01	71378283	71378406	NC_000015.9
cg16595750	9.89E-17	2.62E-18	9.67	30.7100899	1.18E-01	123338597	123338720	NC_000010.10
cg27580905	9.89E-17	2.62E-18	9.67	30.7100019	1.45E-01	39335085	39335208	NC_000002.11
cg25094569	9.93E-17	2.63E-18	9.66	30.7056562	2.22E-01	32448769	32448892	NC_000011.9
cg10898258	1.01E-16	2.67E-18	9.66	30.6929236	6.07E-02	104192495	104192618	NC_000014.8
cg18349138	1.01E-16	2.68E-18	9.66	30.6892445	2.61E-01	19617138	19617261	NC_000021.8
cg19764973	1.01E-16	2.68E-18	9.66	30.6868205	6.28E-02	59525433	59525556	NC_000011.9
cg08248516	1.01E-16	2.69E-18	9.66	30.6857331	2.34E-01	27194745	27194868	NC_000007.13
cg09851951	1.01E-16	2.69E-18	9.66	30.6843502	2.22E-01	54323498	54323621	NC_000016.9
cg22328746	1.02E-16	2.70E-18	9.66	30.6816438	1.14E-01	186578455	186578578	NC_000004.11
cg24774396	1.02E-16	2.70E-18	9.66	30.6809082	1.65E-01	706005	706128	NC_000017.10
cg05275605	1.02E-16	2.71E-18	9.66	30.6771869	1.13E-01	46844883	46845006	NC_000021.8
cg05835726	1.03E-16	2.74E-18	9.66	30.6673099	2.12E-01	27183861	27183984	NC_000007.13
cg04308769	1.03E-16	2.74E-18	9.66	30.665181	2.01E-01	200007623	200007746	NC_000001.10
cg18617005	1.03E-16	2.75E-18	9.66	30.6642102	2.77E-01	140787504	140787627	NC_000005.9

cg25855768	1.03E-16	2.75E-18	9.66	30.6621462	1.36E-01	127472121	127472244	NC_000007.13
cg20585500	1.04E-16	2.77E-18	9.66	30.6567122	1.52E-01	64703192	64703315	NC_000011.9
cg09587487	1.04E-16	2.77E-18	9.66	30.6560064	1.13E-01	178993784	178993907	NC_000001.10
cg01477546	1.05E-16	2.78E-18	9.66	30.6516555	7.46E-02	86096098	86096221	NC_000002.11
cg22816059	1.05E-16	2.79E-18	9.66	30.6489829	8.55E-02	422114	422237	NC_000005.9
cg25053002	1.05E-16	2.80E-18	9.65	30.6436106	6.99E-02	3142765	3142888	NC_000010.10
cg26963839	1.05E-16	2.81E-18	9.65	30.6421693	5.34E-02	134230196	134230319	NC_000010.10
cg05015495	1.06E-16	2.81E-18	9.65	30.6418536	8.45E-02	93957782	93957905	NC_000005.9
cg27120816	1.06E-16	2.82E-18	9.65	30.6391098	2.20E-01	62070164	62070287	NC_000016.9
cg19961522	1.06E-16	2.82E-18	9.65	30.6381372	1.62E-01	30407388	30407511	NC_000020.10
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cg15708153	1.06E-16	2.83E-18	9.65	30.6356299	3.24E-01	56879554	56879677	NC_000019.9
cg21790626	1.06E-16	2.83E-18	9.65	30.6330083	2.76E-01	58220494	58220617	NC_000019.9
cg12133498	1.07E-16	2.85E-18	9.65	30.625914	1.82E-01	148248073	148248196	NC_000001.10
cg16640855	1.08E-16	2.87E-18	9.65	30.6192073	2.54E-01	182543233	182543356	NC_000002.11
cg26769435	1.08E-16	2.88E-18	9.65	30.6157547	8.52E-02	53397932	53398055	NC_000008.10
cg20239391	1.08E-16	2.88E-18	9.65	30.6151418	1.59E-01	45030732	45030855	NC_000020.10
cg05267893	1.09E-16	2.90E-18	9.65	30.6112877	5.51E-02	156213621	156213744	NC_000001.10
cg20434239	1.09E-16	2.90E-18	9.65	30.6089136	4.09E-02	43028046	43028169	NC_000017.10
cg16897114	1.10E-16	2.92E-18	9.65	30.6026293	2.54E-01	5153174	5153297	NC_000012.11
cg03199646	1.10E-16	2.92E-18	9.65	30.6025019	9.25E-02	105408428	105408551	NC_000007.13
cg25897161	1.10E-16	2.94E-18	9.65	30.5964878	1.34E-01	64367485	64367608	NC_000015.9
cg16400238	1.10E-16	2.95E-18	9.65	30.5934897	6.19E-02	27237364	27237487	NC_000017.10
cg01069965	1.11E-16	2.95E-18	9.65	30.5927354	1.60E-01	48331548	48331671	NC_000020.10
cg20985450	1.11E-16	2.95E-18	9.65	30.5927088	2.91E-01	100621382	100621505	NC_000013.10

cg17290701	1.11E-16	2.96E-18	9.65	30.5905252	3.02E-01	11059714	11059837	NC_000010.10
cg10888878	1.11E-16	2.96E-18	9.65	30.5889939	6.64E-02	48459961	48460084	NC_000001.10
cg23369632	1.11E-16	2.97E-18	9.65	30.5852996	2.06E-01	56438637	56438760	NC_000006.11
cg14189141	1.12E-16	2.98E-18	9.65	30.5814275	2.27E-01	1042605	1042728	NC_000009.11
cg00578032	1.12E-16	2.99E-18	9.65	30.5812143	1.71E-01	38308069	38308192	NC_000019.9
cg13427828	1.12E-16	2.99E-18	9.65	30.5800865	1.03E-01	42301921	42302044	NC_000003.11
cg27318539	1.12E-16	2.99E-18	9.65	30.5799248	7.67E-02	10220494	10220617	NC_000019.9
cg26102342	1.12E-16	2.99E-18	9.64	30.5782626	1.11E-01	98878655	98878778	NC_000012.11
cg24394172	1.12E-16	3.01E-18	9.64	30.5739401	1.83E-01	46995203	46995326	NC_000004.11
cg07349208	1.13E-16	3.02E-18	9.64	30.5709119	2.11E-01	111532679	111532802	NC_000004.11
cg08621277	1.13E-16	3.02E-18	9.64	30.570611	7.06E-02	68271518	68271641	NC_000011.9
cg24148757	1.13E-16	3.03E-18	9.64	30.5669586	8.32E-02	112942995	112943118	NC_000001.10
cg05754861	1.13E-16	3.04E-18	9.64	30.5646836	1.47E-01	99961768	99961891	NC_000008.10
cg03714676	1.14E-16	3.05E-18	9.64	30.5615307	1.84E-01	48174649	48174772	NC_000008.10
cg18391899	1.14E-16	3.06E-18	9.64	30.5568983	2.27E-01	23462616	23462739	NC_000010.10
cg19938826	1.14E-16	3.06E-18	9.64	30.5554036	1.46E-01	145218181	145218304	NC_000005.9
cg12453014	1.15E-16	3.08E-18	9.64	30.5518386	2.54E-01	119801142	119801265	NC_000005.9
cg06645033	1.15E-16	3.08E-18	9.64	30.5513689	1.56E-01	50890678	50890801	NC_000001.10
cg24596008	1.15E-16	3.08E-18	9.64	30.5503592	6.05E-02	242741273	242741396	NC_000002.11
cg07857469	1.15E-16	3.09E-18	9.64	30.5484199	1.58E-01	81107185	81107308	NC_000004.11
cg04613834	1.15E-16	3.09E-18	9.64	30.5457699	1.70E-01	12996419	12996542	NC_000016.9
cg17103088	1.16E-16	3.10E-18	9.64	30.5444362	1.44E-01	3600595	3600718	NC_000019.9
cg23303685	1.16E-16	3.10E-18	9.64	30.5433276	1.56E-01	157521999	157522122	NC_000006.11
cg03413465	1.16E-16	3.10E-18	9.64	30.5432946	2.18E-01	172734776	172734899	NC_000004.11
cg03975694	1.16E-16	3.12E-18	9.64	30.5381884	2.06E-01	38042472	38042595	NC_000019.9

cg00525392	1.17E-16	3.14E-18	9.64	30.531941	1.46E-01	19744123	19744246	NC_000018.9
cg00529958	1.17E-16	3.15E-18	9.64	30.5284976	1.84E-01	100624288	100624411	NC_000013.10
cg00295485	1.18E-16	3.16E-18	9.64	30.5248991	1.53E-01	106755721	106755844	NC_000002.11
cg18249173	1.19E-16	3.19E-18	9.64	30.5144502	2.70E-01	35293245	35293368	NC_000007.13
cg05107500	1.19E-16	3.20E-18	9.63	30.513007	1.67E-01	6070292	6070415	NC_000016.9
cg09936609	1.19E-16	3.20E-18	9.63	30.5126784	1.16E-01	232283700	232283823	NC_000002.11
cg14244674	1.19E-16	3.21E-18	9.63	30.509378	1.06E-01	140148456	140148579	NC_000009.11
cg26053480	1.20E-16	3.22E-18	9.63	30.5051264	1.88E-01	25898758	25898881	NC_000007.13
cg25952663	1.20E-16	3.24E-18	9.63	30.5003683	1.00E-01	54450826	54450949	NC_000012.11
cg24699097	1.20E-16	3.24E-18	9.63	30.5001872	1.09E-01	29795469	29795592	NC_000017.10
cg17047566	1.21E-16	3.25E-18	9.63	30.4982609	6.99E-02	38120258	38120381	NC_000006.11
cg15378605	1.21E-16	3.26E-18	9.63	30.4948937	1.30E-01	125805592	125805715	NC_000010.10
cg19864758	1.22E-16	3.29E-18	9.63	30.4847317	2.54E-01	17206720	17206843	NC_000020.10
cg18643383	1.22E-16	3.29E-18	9.63	30.4845893	8.26E-02	69864882	69865005	NC_000002.11
cg14750277	1.22E-16	3.30E-18	9.63	30.482922	2.54E-01	73164024	73164147	NC_000008.10
cg18918418	1.23E-16	3.30E-18	9.63	30.4821802	8.61E-02	216745386	216745509	NC_000002.11
cg14738806	1.23E-16	3.32E-18	9.63	30.4756328	2.24E-01	115102713	115102836	NC_000012.11
cg03981213	1.23E-16	3.32E-18	9.63	30.4750034	1.73E-01	60766554	60766677	NC_000002.11
cg12118269	1.24E-16	3.35E-18	9.63	30.4667787	2.35E-01	102893980	102894103	NC_000010.10
cg04490714	1.25E-16	3.36E-18	9.63	30.4647319	2.03E-01	55690564	55690687	NC_000016.9
cg10004365	1.25E-16	3.37E-18	9.63	30.4599754	1.32E-01	134657833	134657956	NC_000010.10
cg11718868	1.26E-16	3.40E-18	9.63	30.4521031	1.53E-01	94487237	94487360	NC_000010.10
cg03916756	1.27E-16	3.42E-18	9.62	30.446883	6.81E-02	79032487	79032610	NC_000017.10
cg11804381	1.27E-16	3.43E-18	9.62	30.4426274	5.92E-02	36662414	36662537	NC_000022.10
cg26293019	1.28E-16	3.45E-18	9.62	30.4379013	2.36E-01	50688913	50689036	NC_000005.9

cg07027430	1.28E-16	3.46E-18	9.62	30.4363173	1.96E-01	7354685	7354808	NC_000016.9
cg09430118	1.29E-16	3.47E-18	9.62	30.4313843	2.11E-01	37095681	37095804	NC_000019.9
cg13879483	1.29E-16	3.47E-18	9.62	30.4307869	3.35E-01	95942907	95943030	NC_000012.11
cg04672979	1.29E-16	3.49E-18	9.62	30.4272059	1.38E-01	13369111	13369234	NC_000012.11
cg04549162	1.30E-16	3.50E-18	9.62	30.424526	1.92E-01	125425690	125425813	NC_000010.10
cg00187692	1.30E-16	3.50E-18	9.62	30.4228936	2.25E-01	52199954	52200077	NC_000013.10
cg02874376	1.30E-16	3.51E-18	9.62	30.4219826	2.42E-01	101193397	101193520	NC_000014.8
cg09821185	1.30E-16	3.51E-18	9.62	30.421542	2.41E-01	101923366	101923489	NC_000014.8
cg17976839	1.30E-16	3.51E-18	9.62	30.4211397	1.15E-01	50923823	50923946	NC_000013.10
cg17283453	1.30E-16	3.52E-18	9.62	30.4172153	1.82E-01	9473880	9474003	NC_000019.9
cg10289790	1.30E-16	3.53E-18	9.62	30.4165181	1.60E-01	105359915	105360038	NC_000014.8
cg23401445	1.30E-16	3.53E-18	9.62	30.4163277	1.80E-01	113442419	113442542	NC_000004.11
cg03431585	1.31E-16	3.55E-18	9.62	30.4108276	9.54E-02	44995633	44995756	NC_000020.10
cg13012916	1.31E-16	3.55E-18	9.62	30.4090897	2.34E-01	36973691	36973814	NC_000014.8
cg25451660	1.32E-16	3.56E-18	9.62	30.4074731	1.43E-01	11641324	11641447	NC_000011.9
cg10767192	1.32E-16	3.56E-18	9.62	30.4064208	2.00E-01	115135606	115135729	NC_000012.11
cg05984554	1.32E-16	3.57E-18	9.62	30.4048347	2.17E-01	30019369	30019492	NC_000019.9
cg20401252	1.33E-16	3.60E-18	9.62	30.3956805	1.84E-01	5834062	5834185	NC_000002.11
cg20265470	1.34E-16	3.63E-18	9.62	30.3881081	6.32E-02	20503098	20503221	NC_000001.10
cg19339311	1.34E-16	3.63E-18	9.62	30.3868873	7.83E-02	42213292	42213415	NC_000020.10
cg17076890	1.34E-16	3.63E-18	9.62	30.3864585	2.08E-01	23481421	23481544	NC_000010.10
cg08855249	1.36E-16	3.67E-18	9.61	30.3758114	5.42E-02	207975363	207975486	NC_000001.10
cg14649650	1.37E-16	3.71E-18	9.61	30.3659812	3.17E-01	13933996	13934119	NC_000010.10
cg09888336	1.37E-16	3.71E-18	9.61	30.3648061	8.73E-02	57180335	57180458	NC_000004.11
cg04556126	1.37E-16	3.72E-18	9.61	30.3628913	2.35E-01	147106561	147106684	NC_000003.11

cg03602280	1.38E-16	3.74E-18	9.61	30.3580534	2.67E-01	11148914	11149037	NC_000018.9
cg23222169	1.38E-16	3.74E-18	9.61	30.3573911	2.07E-01	47710949	47711072	NC_000013.10
cg26877508	1.38E-16	3.74E-18	9.61	30.3571378	1.86E-01	71495324	71495447	NC_000015.9
cg07050692	1.38E-16	3.75E-18	9.61	30.355298	2.40E-01	61664695	61664818	NC_000008.10
cg16497340	1.39E-16	3.76E-18	9.61	30.3524409	1.64E-01	180601183	180601306	NC_000005.9
cg26590537	1.39E-16	3.76E-18	9.61	30.3521824	2.50E-01	5020202	5020325	NC_000012.11
cg19157034	1.39E-16	3.77E-18	9.61	30.3504504	2.27E-01	89905761	89905884	NC_000015.9
cg09643136	1.40E-16	3.80E-18	9.61	30.3434528	1.72E-01	223176683	223176806	NC_000002.11
cg24767148	1.40E-16	3.80E-18	9.61	30.3430477	2.53E-01	23481786	23481909	NC_000010.10
cg12381873	1.40E-16	3.80E-18	9.61	30.3427865	1.30E-01	72270059	72270182	NC_000017.10
cg12860686	1.41E-16	3.82E-18	9.61	30.3363319	2.20E-01	2753876	2753999	NC_000005.9
cg16294325	1.41E-16	3.84E-18	9.61	30.3320217	1.18E-01	42929934	42930057	NC_000006.11
cg14717906	1.41E-16	3.84E-18	9.61	30.3306324	1.28E-01	138641864	138641987	NC_000005.9
cg05349077	1.42E-16	3.86E-18	9.61	30.3279372	1.83E-01	630159	630282	NC_000016.9
cg21830368	1.42E-16	3.86E-18	9.61	30.3262303	2.18E-01	75373327	75373450	NC_000017.10
cg25606066	1.43E-16	3.88E-18	9.61	30.3205358	1.50E-01	245844087	245844210	NC_000001.10
cg07829842	1.44E-16	3.92E-18	9.6	30.3108063	2.73E-01	56228495	56228618	NC_000016.9
cg23987444	1.45E-16	3.93E-18	9.6	30.3080125	3.15E-01	50817810	50817933	NC_000010.10
cg20190649	1.45E-16	3.94E-18	9.6	30.3064826	1.70E-01	46255433	46255556	NC_000017.10
cg20696432	1.46E-16	3.96E-18	9.6	30.3011909	1.29E-01	18881907	18882030	NC_000017.10
cg14750948	1.46E-16	3.96E-18	9.6	30.3003517	2.09E-01	147130477	147130600	NC_000003.11
cg16234978	1.46E-16	3.97E-18	9.6	30.2997219	2.06E-01	1704095	1704218	NC_000007.13
cg06041278	1.46E-16	3.97E-18	9.6	30.2996621	1.62E-01	43937467	43937590	NC_000020.10
cg03518469	1.46E-16	3.97E-18	9.6	30.298333	6.55E-02	88791646	88791769	NC_000016.9
cg19673115	1.46E-16	3.98E-18	9.6	30.2960549	6.70E-02	3105482	3105605	NC_000010.10

cg04171235	1.47E-16	4.01E-18	9.6	30.2894765	1.58E-01	46604393	46604516	NC_000017.10
cg10628201	1.48E-16	4.03E-18	9.6	30.2852276	9.97E-02	21977597	21977720	NC_000022.10
cg01307939	1.48E-16	4.03E-18	9.6	30.2845656	2.43E-01	98467571	98467694	NC_000007.13
cg19125081	1.48E-16	4.03E-18	9.6	30.284096	7.22E-02	242219370	242219493	NC_000002.11
cg20354141	1.50E-16	4.09E-18	9.6	30.2684914	1.99E-01	100609766	100609889	NC_000007.13
cg14447193	1.50E-16	4.10E-18	9.6	30.265756	1.34E-01	87433864	87433987	NC_000009.11
cg14522302	1.52E-16	4.15E-18	9.6	30.2556544	6.47E-02	226300601	226300724	NC_000001.10
cg06585566	1.53E-16	4.17E-18	9.59	30.2502246	2.52E-01	57276794	57276917	NC_000019.9
cg04739647	1.53E-16	4.17E-18	9.59	30.2495803	1.97E-01	176987462	176987585	NC_000002.11
cg06610849	1.53E-16	4.18E-18	9.59	30.2486218	2.59E-01	58520847	58520970	NC_000019.9
cg18633154	1.54E-16	4.21E-18	9.59	30.2418609	1.99E-01	77296234	77296357	NC_000014.8
cg21305068	1.55E-16	4.25E-18	9.59	30.2316467	1.08E-01	45622219	45622342	NC_000021.8
cg11787626	1.56E-16	4.25E-18	9.59	30.2310294	3.81E-02	147233738	147233861	NC_000001.10
cg21627409	1.56E-16	4.26E-18	9.59	30.2283286	2.35E-01	140810106	140810229	NC_000005.9
cg25120992	1.56E-16	4.27E-18	9.59	30.2257077	7.57E-02	31735435	31735558	NC_000006.11
cg24509810	1.57E-16	4.28E-18	9.59	30.2237699	2.00E-01	80549634	80549757	NC_000002.11
cg21816308	1.57E-16	4.30E-18	9.59	30.2207533	2.31E-01	39044140	39044263	NC_000001.10
cg24574863	1.58E-16	4.31E-18	9.59	30.2166103	1.05E-01	42954752	42954875	NC_000005.9
cg12740087	1.58E-16	4.32E-18	9.59	30.2153461	6.81E-02	224445738	224445861	NC_000001.10
cg14317414	1.58E-16	4.32E-18	9.59	30.2153231	1.68E-01	109991376	109991499	NC_000009.11
cg26751356	1.59E-16	4.35E-18	9.59	30.2085135	2.24E-01	112712635	112712758	NC_000013.10
cg01371799	1.59E-16	4.36E-18	9.59	30.2052145	1.65E-01	1264049	1264172	NC_000007.13
cg27649806	1.60E-16	4.37E-18	9.59	30.203969	9.38E-02	35101217	35101340	NC_000009.11
cg14562712	1.60E-16	4.38E-18	9.59	30.2017402	2.81E-01	100823377	100823500	NC_000007.13
cg14983606	1.60E-16	4.38E-18	9.59	30.2015282	2.46E-01	65493706	65493829	NC_000008.10



cg07671291	1.60E-16	4.40E-18	9.59	30.1978178	9.81E-02	67523109	67523232	NC_000017.10
cg19980199	1.61E-16	4.40E-18	9.59	30.197001	1.04E-01	480033	480156	NC_000005.9
cg23746628	1.61E-16	4.41E-18	9.59	30.1939184	1.61E-01	74439996	74440119	NC_000004.11
cg02944637	1.63E-16	4.46E-18	9.58	30.1832695	1.30E-01	19733345	19733468	NC_000016.9
cg12121983	1.63E-16	4.47E-18	9.58	30.180614	1.04E-01	1387582	1387705	NC_000017.10
cg00765783	1.64E-16	4.49E-18	9.58	30.1764117	2.46E-01	12996587	12996710	NC_000016.9
cg14518868	1.64E-16	4.50E-18	9.58	30.1754364	2.18E-02	69864352	69864475	NC_000012.11
cg11831238	1.65E-16	4.52E-18	9.58	30.1696891	1.92E-01	20182021	20182144	NC_000011.9
cg03566787	1.65E-16	4.53E-18	9.58	30.1685289	1.13E-01	47517381	47517504	NC_000011.9
cg04928096	1.65E-16	4.53E-18	9.58	30.1675582	7.93E-02	338079	338202	NC_000016.9
cg15554678	1.65E-16	4.54E-18	9.58	30.1669237	2.22E-01	17083563	17083686	NC_000022.10
cg20776543	1.66E-16	4.55E-18	9.58	30.1641901	1.56E-01	921156	921279	NC_000007.13
cg10658542	1.66E-16	4.55E-18	9.58	30.1628239	2.84E-01	33592642	33592765	NC_000012.11
cg21856645	1.67E-16	4.59E-18	9.58	30.1560122	6.30E-02	23517243	23517366	NC_000014.8
cg04514249	1.67E-16	4.59E-18	9.58	30.1543116	2.82E-01	144621385	144621508	NC_000004.11
cg26587870	1.68E-16	4.62E-18	9.58	30.1481427	1.62E-01	27730563	27730686	NC_000006.11
cg26204042	1.69E-16	4.65E-18	9.58	30.1424695	1.74E-01	110163765	110163888	NC_000011.9
cg24154839	1.70E-16	4.66E-18	9.58	30.1396186	1.95E-01	46995741	46995864	NC_000004.11
cg17629929	1.70E-16	4.68E-18	9.58	30.1367766	2.41E-01	1875548	1875671	NC_000005.9
cg11099899	1.70E-16	4.68E-18	9.58	30.1357315	1.87E-01	37852334	37852457	NC_000021.8
cg11361442	1.71E-16	4.70E-18	9.58	30.1315309	1.51E-01	68841024	68841147	NC_000011.9
cg05327509	1.71E-16	4.72E-18	9.58	30.1281217	8.73E-02	101175894	101176017	NC_000013.10
cg01069451	1.72E-16	4.73E-18	9.58	30.1263989	1.13E-01	3210387	3210510	NC_000020.10
cg06722633	1.72E-16	4.74E-18	9.58	30.1241097	1.93E-01	37499309	37499432	NC_000001.10
cg06668065	1.72E-16	4.75E-18	9.58	30.1217171	2.07E-01	92909069	92909192	NC_000005.9

cg08324703	1.73E-16	4.76E-18	9.57	30.1185731	1.86E-01	679514	679637	NC_000010.10
cg25496678	1.73E-16	4.77E-18	9.57	30.1170465	2.47E-01	118899407	118899530	NC_000010.10
cg00986824	1.74E-16	4.78E-18	9.57	30.1151919	1.97E-01	75601465	75601588	NC_000012.11
cg17606491	1.74E-16	4.78E-18	9.57	30.1151781	9.70E-02	125806390	125806513	NC_000010.10
cg08101174	1.74E-16	4.80E-18	9.57	30.1111157	9.33E-02	104196541	104196664	NC_000010.10
cg05245094	1.75E-16	4.82E-18	9.57	30.1070604	1.42E-01	85669572	85669695	NC_000016.9
cg06077738	1.76E-16	4.85E-18	9.57	30.0996981	9.75E-02	63872429	63872552	NC_000003.11
cg10710457	1.77E-16	4.87E-18	9.57	30.0964854	4.58E-02	3143236	3143359	NC_000010.10
cg22715788	1.77E-16	4.88E-18	9.57	30.0948613	1.25E-01	2624148	2624271	NC_000007.13
cg13557668	1.77E-16	4.88E-18	9.57	30.0946959	2.39E-01	135265931	135266054	NC_000005.9
cg13982505	1.78E-16	4.90E-18	9.57	30.0895176	1.60E-01	233642094	233642217	NC_000002.11
cg16538343	1.78E-16	4.92E-18	9.57	30.0861038	7.76E-02	68772961	68773084	NC_000011.9
cg07920503	1.80E-16	4.96E-18	9.57	30.0784833	2.99E-01	25745406	25745529	NC_000013.10
cg08701047	1.80E-16	4.96E-18	9.57	30.0783386	2.16E-01	130085199	130085322	NC_000010.10
cg04943927	1.80E-16	4.98E-18	9.57	30.0752501	9.82E-02	12937632	12937755	NC_000012.11
cg25984671	1.80E-16	4.98E-18	9.57	30.0751449	2.27E-01	591083	591206	NC_000020.10
cg19353431	1.81E-16	4.99E-18	9.57	30.0731764	1.89E-01	170578785	170578908	NC_000006.11
cg13021333	1.81E-16	4.99E-18	9.57	30.0730764	2.65E-01	6004207	6004330	NC_000006.11
cg04332534	1.81E-16	5.00E-18	9.57	30.070945	2.43E-01	37096487	37096610	NC_000019.9
cg04541368	1.82E-16	5.02E-18	9.57	30.0671659	2.21E-01	92909429	92909552	NC_000005.9
cg14308254	1.82E-16	5.04E-18	9.57	30.0623283	1.34E-01	124219699	124219822	NC_000008.10
cg05237374	1.83E-16	5.06E-18	9.57	30.059534	2.05E-01	66980127	66980250	NC_000014.8
cg06204922	1.83E-16	5.06E-18	9.57	30.0576659	2.90E-01	5019933	5020056	NC_000012.11
cg00663077	1.84E-16	5.08E-18	9.56	30.0554008	2.41E-01	188916709	188916832	NC_000004.11
cg18077971	1.84E-16	5.08E-18	9.56	30.0553387	2.55E-01	223164867	223164990	NC_000002.11

cg26950756	1.84E-16	5.08E-18	9.56	30.0548746	9.59E-02	78707683	78707806	NC_000015.9
cg21219666	1.84E-16	5.09E-18	9.56	30.0529876	7.58E-02	40166108	40166231	NC_000017.10
cg13432737	1.85E-16	5.11E-18	9.56	30.047928	8.91E-02	37922420	37922543	NC_000017.10
cg01397513	1.86E-16	5.15E-18	9.56	30.0409755	1.42E-01	85670135	85670258	NC_000016.9
cg03122264	1.87E-16	5.17E-18	9.56	30.0374015	8.85E-02	127797208	127797331	NC_000006.11
cg06816350	1.87E-16	5.17E-18	9.56	30.0372827	2.22E-01	2278885	2279008	NC_000005.9
cg21883754	1.87E-16	5.17E-18	9.56	30.036899	2.07E-01	54926437	54926560	NC_000019.9
cg03111576	1.87E-16	5.18E-18	9.56	30.0359188	5.03E-02	11268374	11268497	NC_000016.9
cg09257178	1.87E-16	5.18E-18	9.56	30.0353854	9.33E-02	114197839	114197962	NC_000002.11
cg09252766	1.88E-16	5.22E-18	9.56	30.0278146	7.90E-02	134722243	134722366	NC_000010.10
cg21479226	1.89E-16	5.23E-18	9.56	30.0260198	3.37E-01	69244510	69244633	NC_000008.10
cg11372090	1.89E-16	5.23E-18	9.56	30.0249843	3.01E-01	37488660	37488783	NC_000007.13
cg04494873	1.89E-16	5.24E-18	9.56	30.0244355	1.65E-01	72677287	72677410	NC_000005.9
cg00260012	1.89E-16	5.24E-18	9.56	30.0237858	1.45E-01	31031702	31031825	NC_000002.11
cg03751030	1.90E-16	5.28E-18	9.56	30.0169205	2.12E-01	56015576	56015699	NC_000008.10
cg13976988	1.91E-16	5.28E-18	9.56	30.0158087	1.54E-01	38607402	38607525	NC_000005.9
cg02757432	1.91E-16	5.29E-18	9.56	30.0154146	1.63E-01	125426048	125426171	NC_000010.10
cg27296759	1.91E-16	5.30E-18	9.56	30.0136134	1.51E-01	71503901	71504024	NC_000005.9
cg08236767	1.91E-16	5.30E-18	9.56	30.0121717	2.87E-01	107503662	107503785	NC_000002.11
cg26195356	1.91E-16	5.31E-18	9.56	30.0109771	2.11E-01	2743601	2743724	NC_000005.9
cg23051392	1.92E-16	5.32E-18	9.56	30.0090991	2.21E-01	34043481	34043604	NC_000005.9
cg26053291	1.92E-16	5.32E-18	9.56	30.0085613	1.52E-01	89064631	89064754	NC_000002.11
cg06094615	1.93E-16	5.35E-18	9.56	30.0031072	2.23E-01	50887578	50887701	NC_000010.10
cg06401021	1.94E-16	5.39E-18	9.56	29.9965086	3.01E-01	55443868	55443991	NC_000006.11
cg18239942	1.94E-16	5.39E-18	9.56	29.9952946	1.10E-01	105793879	105794002	NC_000014.8

cg04816311	1.95E-16	5.41E-18	9.56	29.9929754	1.78E-01	1066650	1066773	NC_000007.13
cg23528400	1.95E-16	5.41E-18	9.56	29.9924573	2.93E-01	32859438	32859561	NC_000003.11
cg22145666	1.95E-16	5.41E-18	9.56	29.9917206	8.32E-02	234663900	234664023	NC_000002.11
cg10806483	1.95E-16	5.41E-18	9.56	29.9916438	8.91E-02	102459329	102459452	NC_000012.11
cg13594465	1.95E-16	5.42E-18	9.55	29.9902027	1.16E-01	71491485	71491608	NC_000015.9
cg10034890	1.95E-16	5.43E-18	9.55	29.9888008	2.90E-01	230578216	230578339	NC_000002.11
cg16504397	1.96E-16	5.44E-18	9.55	29.9860058	1.29E-01	27523945	27524068	NC_000011.9
cg02066441	1.97E-16	5.46E-18	9.55	29.982398	1.63E-01	17858588	17858711	NC_000001.10
cg14712186	1.97E-16	5.48E-18	9.55	29.9797039	2.05E-01	91184413	91184536	NC_000001.10
cg19741167	1.99E-16	5.52E-18	9.55	29.9719113	2.54E-01	86263270	86263393	NC_000002.11
cg02499453	1.99E-16	5.53E-18	9.55	29.9713455	1.06E-01	32572722	32572845	NC_000022.10
cg11075176	1.99E-16	5.53E-18	9.55	29.9702631	1.49E-01	155476729	155476852	NC_000007.13
cg08361180	2.00E-16	5.58E-18	9.55	29.9623711	7.08E-02	103432427	103432550	NC_000010.10
cg06272038	2.01E-16	5.59E-18	9.55	29.960539	2.55E-01	2292512	2292635	NC_000011.9
cg01610488	2.02E-16	5.63E-18	9.55	29.9537155	2.35E-01	72987870	72987993	NC_000008.10
cg04720592	2.02E-16	5.63E-18	9.55	29.952107	1.59E-01	118165724	118165847	NC_000001.10
cg18757267	2.03E-16	5.64E-18	9.55	29.9512206	7.05E-02	164704545	164704668	NC_000001.10
cg02281208	2.04E-16	5.68E-18	9.55	29.9448614	2.28E-01	27216008	27216131	NC_000015.9
cg19894253	2.04E-16	5.69E-18	9.55	29.9424831	1.38E-01	124261709	124261832	NC_000008.10
cg18034637	2.04E-16	5.70E-18	9.55	29.9413759	1.66E-01	111846087	111846210	NC_000011.9
cg27163412	2.05E-16	5.73E-18	9.55	29.9362029	8.58E-02	137358801	137358924	NC_000009.11
cg02282631	2.06E-16	5.74E-18	9.55	29.9334718	2.20E-01	42953543	42953666	NC_000005.9
cg27296293	2.06E-16	5.75E-18	9.55	29.9324286	2.86E-01	101454680	101454803	NC_000011.9
cg07641160	2.07E-16	5.77E-18	9.55	29.927693	2.97E-01	117086850	117086973	NC_000006.11
cg07273003	2.07E-16	5.78E-18	9.55	29.9260432	2.19E-01	16955416	16955539	NC_000011.9

cg25605754	2.08E-16	5.79E-18	9.54	29.9249577	1.20E-01	116595196	116595319	NC_000007.13
cg04575395	2.08E-16	5.80E-18	9.54	29.9232066	2.53E-01	5892072	5892195	NC_000004.11
cg13918042	2.08E-16	5.82E-18	9.54	29.9208111	2.16E-01	98596430	98596553	NC_000010.10
cg16509158	2.09E-16	5.82E-18	9.54	29.9198256	9.46E-02	95894040	95894163	NC_000011.9
cg22122013	2.09E-16	5.82E-18	9.54	29.9191679	8.40E-02	97564501	97564624	NC_000002.11
cg18957463	2.09E-16	5.85E-18	9.54	29.9154107	1.44E-01	47597617	47597740	NC_000004.11
cg08499046	2.10E-16	5.85E-18	9.54	29.9142152	2.05E-01	31824327	31824450	NC_000011.9
cg03122532	2.10E-16	5.87E-18	9.54	29.9117213	1.69E-01	39644216	39644339	NC_000021.8
cg05552490	2.11E-16	5.90E-18	9.54	29.9064082	1.45E-01	43952511	43952634	NC_000006.11
cg26402660	2.12E-16	5.94E-18	9.54	29.9006101	2.17E-01	27179268	27179391	NC_000007.13
cg00526336	2.13E-16	5.96E-18	9.54	29.8963432	7.90E-02	230415902	230416025	NC_000001.10
cg19905504	2.13E-16	5.96E-18	9.54	29.8962819	8.61E-02	242165248	242165371	NC_000002.11
cg10178917	2.14E-16	5.99E-18	9.54	29.8918928	7.30E-02	99665210	99665333	NC_000014.8
cg03346706	2.14E-16	5.99E-18	9.54	29.8915732	1.64E-01	3162988	3163111	NC_000019.9
cg06375328	2.15E-16	6.00E-18	9.54	29.890317	5.27E-02	69308768	69308891	NC_000011.9
cg07295918	2.15E-16	6.01E-18	9.54	29.8886298	9.91E-02	69463131	69463254	NC_000011.9
cg02511172	2.15E-16	6.01E-18	9.54	29.8885609	6.50E-02	233085209	233085332	NC_000001.10
cg10132208	2.15E-16	6.02E-18	9.54	29.886168	1.64E-01	58545542	58545665	NC_000019.9
cg07204550	2.17E-16	6.07E-18	9.54	29.8788712	1.88E-01	21950155	21950278	NC_000004.11
cg18527574	2.17E-16	6.09E-18	9.54	29.875616	1.66E-01	222434303	222434426	NC_000002.11
cg25875213	2.18E-16	6.10E-18	9.54	29.8742649	2.76E-01	38183055	38183178	NC_000019.9
cg14950829	2.18E-16	6.11E-18	9.54	29.8723707	2.00E-01	53419617	53419740	NC_000013.10
cg15150652	2.19E-16	6.14E-18	9.54	29.866982	1.51E-01	82637778	82637901	NC_000005.9
cg09434624	2.19E-16	6.15E-18	9.54	29.865459	1.36E-01	8010881	8011004	NC_000011.9
cg02630214	2.20E-16	6.16E-18	9.54	29.8636213	2.01E-01	147098585	147098708	NC_000003.11

cg24911113	2.21E-16	6.19E-18	9.53	29.8595405	2.07E-01	23185714	23185837	NC_000019.9
cg13079837	2.21E-16	6.19E-18	9.53	29.8586127	1.35E-01	1104452	1104575	NC_000012.11
cg20948997	2.22E-16	6.23E-18	9.53	29.853044	1.91E-01	56014433	56014556	NC_000008.10
cg25641533	2.23E-16	6.25E-18	9.53	29.8499091	1.25E-01	31734580	31734703	NC_000006.11
cg13272644	2.23E-16	6.25E-18	9.53	29.8493901	2.22E-01	37499476	37499599	NC_000001.10
cg08105748	2.23E-16	6.26E-18	9.53	29.8478984	2.04E-02	57086875	57086998	NC_000006.11
cg18685561	2.24E-16	6.29E-18	9.53	29.8431367	2.16E-01	165305022	165305145	NC_000004.11
cg10362542	2.24E-16	6.30E-18	9.53	29.8421246	3.35E-01	77179709	77179832	NC_000017.10
cg26407316	2.25E-16	6.31E-18	9.53	29.8398333	1.25E-01	50801745	50801868	NC_000014.8
cg18543991	2.25E-16	6.33E-18	9.53	29.8365191	1.87E-01	145871392	145871515	NC_000003.11
cg02842496	2.26E-16	6.36E-18	9.53	29.831887	2.45E-01	132053262	132053385	NC_000008.10
cg16848154	2.26E-16	6.36E-18	9.53	29.8318418	1.40E-01	2785183	2785306	NC_000020.10
cg25657222	2.27E-16	6.39E-18	9.53	29.8277225	1.45E-01	6556270	6556393	NC_000017.10
cg07496545	2.27E-16	6.39E-18	9.53	29.8274498	1.77E-01	140683737	140683860	NC_000005.9
cg18668753	2.28E-16	6.41E-18	9.53	29.8236339	1.17E-01	57352657	57352780	NC_000019.9
cg09142135	2.28E-16	6.42E-18	9.53	29.823479	1.42E-01	67809980	67810103	NC_000011.9
cg23989821	2.28E-16	6.42E-18	9.53	29.823227	2.77E-01	60952405	60952528	NC_000014.8
cg03904711	2.28E-16	6.42E-18	9.53	29.8224687	1.21E-01	118865255	118865378	NC_000003.11
cg07177123	2.33E-16	6.56E-18	9.53	29.8008025	6.26E-02	30909162	30909285	NC_000007.13
cg14621053	2.34E-16	6.58E-18	9.53	29.7986235	1.65E-01	128077315	128077438	NC_000010.10
cg21096141	2.34E-16	6.60E-18	9.53	29.7959087	1.71E-01	83627633	83627756	NC_000004.11
cg13750802	2.36E-16	6.64E-18	9.52	29.7900763	1.03E-01	41055185	41055308	NC_000013.10
cg07148651	2.37E-16	6.68E-18	9.52	29.7839203	1.52E-01	1155617	1155740	NC_000008.10
cg23390118	2.37E-16	6.68E-18	9.52	29.7837331	1.41E-01	2339513	2339636	NC_000012.11
cg21864868	2.37E-16	6.69E-18	9.52	29.7824305	1.95E-01	46673002	46673125	NC_000017.10

cg04894619	2.37E-16	6.69E-18	9.52	29.7815102	2.11E-01	179754615	179754738	NC_000003.11
cg17098147	2.40E-16	6.76E-18	9.52	29.7717331	1.68E-01	22634142	22634265	NC_000010.10
cg01316476	2.42E-16	6.82E-18	9.52	29.7632306	1.56E-01	25899194	25899317	NC_000007.13
cg22506453	2.42E-16	6.83E-18	9.52	29.7615645	1.71E-01	39122753	39122876	NC_000017.10
cg19593741	2.42E-16	6.84E-18	9.52	29.7603275	1.30E-01	31734217	31734340	NC_000006.11
cg02739346	2.44E-16	6.89E-18	9.52	29.7529387	1.81E-01	119600519	119600642	NC_000002.11
cg23476802	2.45E-16	6.90E-18	9.52	29.7508449	1.50E-01	30407261	30407384	NC_000020.10
cg14978741	2.45E-16	6.91E-18	9.52	29.750504	7.24E-02	21460005	21460128	NC_000010.10
cg01182048	2.46E-16	6.93E-18	9.52	29.7465092	1.17E-01	71005638	71005761	NC_000010.10
cg10870587	2.46E-16	6.93E-18	9.52	29.746454	9.80E-02	95249627	95249750	NC_000010.10
cg10552126	2.47E-16	6.96E-18	9.52	29.7427475	1.71E-01	154002064	154002187	NC_000007.13
cg27659049	2.48E-16	7.01E-18	9.52	29.7353375	2.17E-01	115173713	115173836	NC_000012.11
cg08701998	2.49E-16	7.03E-18	9.52	29.7334912	1.11E-01	31430863	31430986	NC_000013.10
cg05892568	2.50E-16	7.06E-18	9.51	29.728427	2.14E-01	30015782	30015905	NC_000019.9
cg16130238	2.53E-16	7.15E-18	9.51	29.715888	8.86E-02	22958402	22958525	NC_000014.8
cg13142700	2.53E-16	7.16E-18	9.51	29.7149783	2.76E-01	11034501	11034624	NC_000003.11
cg18254364	2.54E-16	7.19E-18	9.51	29.7106567	9.98E-02	24741821	24741944	NC_000014.8
cg15797110	2.56E-16	7.23E-18	9.51	29.7048578	2.64E-01	27196314	27196437	NC_000007.13
cg10676084	2.56E-16	7.24E-18	9.51	29.7033253	1.99E-01	27017560	27017683	NC_000015.9
cg11717507	2.58E-16	7.30E-18	9.51	29.6953406	2.60E-01	114838825	114838948	NC_000012.11
cg01952234	2.58E-16	7.30E-18	9.51	29.6949535	2.76E-01	32457130	32457253	NC_000011.9
cg11751117	2.59E-16	7.32E-18	9.51	29.6929113	1.84E-01	56663411	56663534	NC_000014.8
cg15873149	2.59E-16	7.33E-18	9.51	29.6920821	2.40E-01	147137180	147137303	NC_000003.11
cg26782150	2.61E-16	7.38E-18	9.51	29.6852075	1.60E-01	664719	664842	NC_000010.10
cg04071270	2.62E-16	7.40E-18	9.51	29.6815895	1.62E-01	140457553	140457676	NC_000005.9

cg03699469	2.62E-16	7.42E-18	9.51	29.680136	2.34E-01	144242029	144242152	NC_000008.10
cg26333393	2.63E-16	7.46E-18	9.51	29.6747179	1.39E-01	125651726	125651849	NC_000010.10
cg00076307	2.64E-16	7.47E-18	9.51	29.673121	1.96E-01	128300967	128301090	NC_000005.9
cg11965976	2.66E-16	7.53E-18	9.5	29.6653698	3.08E-01	127874463	127874586	NC_000005.9
cg25403974	2.67E-16	7.55E-18	9.5	29.6620284	7.58E-02	150105495	150105618	NC_000007.13
cg20959866	2.67E-16	7.55E-18	9.5	29.6619607	1.90E-01	4714008	4714131	NC_000001.10
cg00459623	2.67E-16	7.56E-18	9.5	29.6607726	3.05E-01	176936581	176936704	NC_000002.11
cg00824018	2.67E-16	7.56E-18	9.5	29.660632	1.90E-01	105037661	105037784	NC_000010.10
cg06671614	2.68E-16	7.60E-18	9.5	29.6554145	1.41E-01	44876162	44876285	NC_000010.10
cg12737285	2.68E-16	7.60E-18	9.5	29.6550895	1.09E-01	192362155	192362278	NC_000002.11
cg15302311	2.68E-16	7.61E-18	9.5	29.6542624	1.23E-01	100584395	100584518	NC_000006.11
cg08159291	2.70E-16	7.65E-18	9.5	29.6494197	1.99E-01	4715615	4715738	NC_000001.10
cg00188627	2.70E-16	7.67E-18	9.5	29.6467005	1.76E-01	159557779	159557902	NC_000003.11
cg10502121	2.71E-16	7.69E-18	9.5	29.6445886	1.47E-01	53286906	53287029	NC_000007.13
cg23443847	2.71E-16	7.69E-18	9.5	29.6436939	8.17E-02	126170483	126170606	NC_000003.11
cg25798792	2.73E-16	7.74E-18	9.5	29.6372252	2.25E-01	66535351	66535474	NC_000004.11
cg03810326	2.73E-16	7.75E-18	9.5	29.6364797	6.45E-02	43230937	43231060	NC_000006.11
cg12057127	2.76E-16	7.85E-18	9.5	29.6240829	1.83E-01	46699155	46699278	NC_000017.10
cg06282952	2.77E-16	7.86E-18	9.5	29.6230245	1.60E-01	148859147	148859270	NC_000006.11
cg10730712	2.77E-16	7.87E-18	9.5	29.620745	2.91E-01	178017827	178017950	NC_000005.9
cg17481117	2.84E-16	8.08E-18	9.49	29.5956706	1.66E-01	27113459	27113582	NC_000015.9
cg03908391	2.85E-16	8.10E-18	9.49	29.5929894	1.49E-01	57427170	57427293	NC_000020.10
cg21699044	2.86E-16	8.13E-18	9.49	29.5890268	2.14E-01	65281689	65281812	NC_000008.10
cg01572468	2.86E-16	8.14E-18	9.49	29.5875932	5.83E-02	75225065	75225188	NC_000011.9
cg10883258	2.87E-16	8.16E-18	9.49	29.5851826	9.22E-02	179239447	179239570	NC_000005.9



cg09775628	2.87E-16	8.18E-18	9.49	29.5833324	3.23E-02	1479573	1479696	NC_000019.9
cg16557964	2.89E-16	8.21E-18	9.49	29.5791109	1.30E-01	100253838	100253961	NC_000003.11
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cg04112058	2.90E-16	8.26E-18	9.49	29.5727183	1.00E-01	46648124	46648247	NC_000016.9
cg08658787	2.91E-16	8.29E-18	9.49	29.5701855	1.56E-01	113916646	113916769	NC_000012.11
cg11859489	2.91E-16	8.29E-18	9.49	29.5701085	1.79E-01	92459058	92459181	NC_000015.9
cg21331088	2.92E-16	8.32E-18	9.49	29.5663053	2.54E-01	908290	908413	NC_000018.9
cg23242052	2.92E-16	8.32E-18	9.49	29.5660361	2.32E-01	176947786	176947909	NC_000002.11
cg07544045	2.94E-16	8.37E-18	9.49	29.5602381	8.00E-02	158592420	158592543	NC_000006.11
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cg21356962	2.95E-16	8.41E-18	9.49	29.5549787	7.52E-02	243035414	243035537	NC_000002.11
cg16922279	2.96E-16	8.43E-18	9.49	29.5532253	2.03E-01	71955439	71955562	NC_000011.9
cg04525757	2.96E-16	8.45E-18	9.49	29.5506238	2.00E-01	29235973	29236096	NC_000014.8
cg00853742	2.98E-16	8.49E-18	9.49	29.5459638	1.53E-01	39990972	39991095	NC_000020.10
cg01046104	2.98E-16	8.50E-18	9.49	29.5449083	2.81E-01	58095588	58095711	NC_000019.9
cg14823825	2.98E-16	8.52E-18	9.49	29.5429038	1.55E-01	26170211	26170334	NC_000008.10
cg15241920	2.99E-16	8.54E-18	9.49	29.5402205	3.05E-01	54926514	54926637	NC_000019.9
cg06124883	3.00E-16	8.56E-18	9.49	29.5384222	1.62E-01	15525193	15525316	NC_000001.10
cg00397673	3.00E-16	8.58E-18	9.49	29.5360186	1.57E-01	56940418	56940541	NC_000018.9
cg20954484	3.01E-16	8.61E-18	9.48	29.5325686	1.16E-01	42727014	42727137	NC_000003.11
cg10254035	3.03E-16	8.64E-18	9.48	29.5283545	1.57E-01	21741635	21741758	NC_000006.11
cg18081940	3.04E-16	8.70E-18	9.48	29.521903	1.98E-01	154475173	154475296	NC_000001.10
cg16673508	3.05E-16	8.71E-18	9.48	29.5211111	9.67E-02	1056794	1056917	NC_000016.9
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cg24530480	3.08E-16	8.80E-18	9.48	29.5105202	1.56E-01	1008155	1008278	NC_000008.10
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cg02396253	3.10E-16	8.88E-18	9.48	29.502089	1.16E-01	135271056	135271179	NC_000006.11
cg26090619	3.10E-16	8.88E-18	9.48	29.5017458	1.23E-01	80330167	80330290	NC_000017.10
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cg10327980	3.11E-16	8.91E-18	9.48	29.4986151	1.52E-01	24601001	24601124	NC_000014.8
cg25209842	3.12E-16	8.93E-18	9.48	29.4965864	2.18E-01	103536342	103536465	NC_000010.10
cg10677144	3.13E-16	8.97E-18	9.48	29.4913883	1.63E-01	3220106	3220229	NC_000018.9
cg00355281	3.14E-16	8.98E-18	9.48	29.4901416	2.78E-01	24323767	24323890	NC_000007.13
cg13895004	3.14E-16	9.00E-18	9.48	29.4878161	9.95E-02	112217129	112217252	NC_000009.11
cg13486833	3.15E-16	9.01E-18	9.48	29.4867218	1.23E-01	71507300	71507423	NC_000015.9
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cg08320122	3.17E-16	9.10E-18	9.48	29.4773989	1.19E-01	62090588	62090711	NC_000004.11
cg14054928	3.20E-16	9.16E-18	9.47	29.4705334	2.17E-01	50235328	50235451	NC_000017.10
cg10211414	3.20E-16	9.17E-18	9.47	29.4694187	1.69E-01	8875053	8875176	NC_000001.10
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cg22752533	3.23E-16	9.26E-18	9.47	29.4599065	1.68E-01	44657948	44658071	NC_000020.10
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cg08455781	3.25E-16	9.33E-18	9.47	29.4528803	1.22E-01	85669875	85669998	NC_000016.9

cg13353160	3.25E-16	9.33E-18	9.47	29.4524839	9.01E-02	153567375	153567498	NC_000004.11
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cg27217474	3.27E-16	9.38E-18	9.47	29.4472416	2.01E-01	46697543	46697666	NC_000017.10
cg13846270	3.28E-16	9.41E-18	9.47	29.4442608	1.54E-01	51417929	51418052	NC_000013.10
cg03243226	3.28E-16	9.42E-18	9.47	29.4432755	2.52E-01	105480979	105481102	NC_000011.9
cg01806590	3.30E-16	9.48E-18	9.47	29.4364022	1.40E-01	23066421	23066544	NC_000014.8
cg10356613	3.30E-16	9.50E-18	9.47	29.435214	3.25E-01	35294491	35294614	NC_000017.10
cg26309134	3.31E-16	9.50E-18	9.47	29.4344181	3.04E-01	56879571	56879694	NC_000019.9
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cg24925839	3.33E-16	9.57E-18	9.47	29.4275709	5.36E-02	698480	698603	NC_000004.11
cg17868687	3.34E-16	9.60E-18	9.47	29.4247507	6.23E-02	242197976	242198099	NC_000002.11
cg10985145	3.35E-16	9.64E-18	9.47	29.4206094	1.78E-01	135227049	135227172	NC_000005.9
cg02093732	3.35E-16	9.64E-18	9.47	29.4204997	1.48E-01	30517601	30517724	NC_000015.9
cg08047969	3.35E-16	9.64E-18	9.47	29.41981	1.04E-01	29266384	29266507	NC_000016.9
cg00866976	3.38E-16	9.72E-18	9.47	29.4116877	2.76E-01	56224782	56224905	NC_000016.9
cg21475402	3.38E-16	9.73E-18	9.47	29.4113388	1.79E-01	156612140	156612263	NC_000001.10
cg17256609	3.38E-16	9.74E-18	9.47	29.4105378	1.28E-01	41643375	41643498	NC_000008.10
cg12557626	3.38E-16	9.74E-18	9.47	29.4096213	1.14E-01	113977332	113977455	NC_000013.10
cg00240432	3.39E-16	9.77E-18	9.47	29.4072581	2.75E-01	19157296	19157419	NC_000007.13
cg05409131	3.41E-16	9.84E-18	9.46	29.4000412	1.11E-01	132070595	132070718	NC_000003.11
cg15772157	3.43E-16	9.88E-18	9.46	29.3961483	1.51E-01	22766320	22766443	NC_000010.10
cg15022051	3.43E-16	9.90E-18	9.46	29.393629	2.02E-01	170396116	170396239	NC_000006.11
cg18078087	3.44E-16	9.91E-18	9.46	29.3924517	7.49E-02	15005463	15005586	NC_000004.11

cg17691543	3.44E-16	9.92E-18	9.46	29.3921015	1.52E-01	49759312	49759435	NC_000003.11
cg10469980	3.44E-16	9.93E-18	9.46	29.3908791	1.95E-01	85660101	85660224	NC_000016.9
cg06443644	3.45E-16	9.97E-18	9.46	29.3872037	1.35E-01	1846046	1846169	NC_000001.10
cg07104706	3.47E-16	1.00E-17	9.46	29.3829748	2.52E-01	84456127	84456250	NC_000013.10
cg06717850	3.48E-16	1.00E-17	9.46	29.3792075	1.78E-01	57617602	57617725	NC_000019.9
cg16646879	3.49E-16	1.01E-17	9.46	29.3769285	9.73E-02	21844541	21844664	NC_000016.9
cg08431563	3.49E-16	1.01E-17	9.46	29.3766785	2.66E-01	77334207	77334330	NC_000001.10
cg16307965	3.49E-16	1.01E-17	9.46	29.3756475	1.26E-01	143593367	143593490	NC_000002.11
cg17320707	3.49E-16	1.01E-17	9.46	29.374774	2.45E-01	119307931	119308054	NC_000010.10
cg26925408	3.49E-16	1.01E-17	9.46	29.3743292	1.53E-01	147212748	147212871	NC_000005.9
cg12354056	3.50E-16	1.01E-17	9.46	29.3739433	1.88E-01	186136503	186136626	NC_000003.11
cg19594305	3.51E-16	1.01E-17	9.46	29.3702918	2.38E-01	34112991	34113114	NC_000019.9
cg02687288	3.52E-16	1.02E-17	9.46	29.365136	2.01E-01	97839561	97839684	NC_000005.9
cg09554951	3.53E-16	1.02E-17	9.46	29.3626896	1.68E-01	2890725	2890848	NC_000011.9
cg06528626	3.54E-16	1.02E-17	9.46	29.3609377	1.36E-01	16761002	16761125	NC_000012.11
cg22050611	3.54E-16	1.02E-17	9.46	29.3608254	1.75E-01	1321954	1322077	NC_000011.9
cg09936561	3.54E-16	1.02E-17	9.46	29.3603168	1.46E-01	9783623	9783746	NC_000004.11
cg25436126	3.54E-16	1.03E-17	9.46	29.35908	7.00E-02	10942676	10942799	NC_000002.11
cg01165177	3.55E-16	1.03E-17	9.46	29.3585922	4.43E-02	68772710	68772833	NC_000011.9
cg11472279	3.59E-16	1.04E-17	9.46	29.3461763	3.38E-01	11059733	11059856	NC_000010.10
cg20457796	3.59E-16	1.04E-17	9.46	29.3443656	1.74E-01	50819500	50819623	NC_000010.10
cg16991765	3.60E-16	1.04E-17	9.46	29.343796	1.72E-01	178594097	178594220	NC_000005.9
cg01228134	3.60E-16	1.04E-17	9.46	29.3434078	1.49E-01	233351921	233352044	NC_000002.11
cg00674365	3.62E-16	1.05E-17	9.45	29.3372124	3.21E-01	57019069	57019192	NC_000019.9
cg15339231	3.62E-16	1.05E-17	9.45	29.3363363	2.20E-01	96650407	96650530	NC_000007.13

cg02497428	3.62E-16	1.05E-17	9.45	29.3355351	1.45E-01	21665138	21665261	NC_000016.9
cg16234490	3.62E-16	1.05E-17	9.45	29.3354319	1.46E-01	77138082	77138205	NC_000004.11
cg06472636	3.63E-16	1.05E-17	9.45	29.3331237	9.43E-02	168174824	168174947	NC_000005.9
cg21593606	3.65E-16	1.06E-17	9.45	29.3286834	1.10E-01	98676195	98676318	NC_000007.13
cg14524704	3.67E-16	1.06E-17	9.45	29.3236398	1.42E-01	25899168	25899291	NC_000007.13
cg10409860	3.67E-16	1.06E-17	9.45	29.3233948	7.46E-02	81969992	81970115	NC_000016.9
cg02431089	3.67E-16	1.06E-17	9.45	29.3233759	5.78E-02	4884396	4884519	NC_000006.11
cg20357228	3.67E-16	1.06E-17	9.45	29.3223166	5.42E-02	32817977	32818100	NC_000006.11
cg07066163	3.69E-16	1.07E-17	9.45	29.3174007	1.15E-01	85635689	85635812	NC_000016.9
cg12070646	3.69E-16	1.07E-17	9.45	29.3152732	9.46E-02	71149811	71149934	NC_000002.11
cg07742235	3.71E-16	1.08E-17	9.45	29.3106918	5.92E-02	69308752	69308875	NC_000011.9
cg14230810	3.71E-16	1.08E-17	9.45	29.3099812	6.15E-02	74024488	74024611	NC_000017.10
cg01799115	3.73E-16	1.08E-17	9.45	29.305291	1.99E-01	135827395	135827518	NC_000008.10
cg02173969	3.74E-16	1.08E-17	9.45	29.3034166	1.34E-01	28882863	28882986	NC_000006.11
cg07811634	3.74E-16	1.09E-17	9.45	29.3018847	4.16E-02	97857989	97858112	NC_000007.13
cg06365535	3.75E-16	1.09E-17	9.45	29.299513	1.54E-01	59534102	59534225	NC_000017.10
cg21051580	3.75E-16	1.09E-17	9.45	29.2988588	1.91E-01	4998415	4998538	NC_000007.13
cg18988856	3.76E-16	1.09E-17	9.45	29.2959225	1.44E-01	99425577	99425700	NC_000007.13
cg02423064	3.76E-16	1.09E-17	9.45	29.2955093	1.87E-01	32484008	32484131	NC_000017.10
cg27652869	3.77E-16	1.10E-17	9.45	29.2933742	1.07E-01	172216846	172216969	NC_000005.9
cg23465650	3.77E-16	1.10E-17	9.45	29.293234	1.30E-01	158522899	158523022	NC_000005.9
cg01631277	3.79E-16	1.10E-17	9.45	29.2873784	1.93E-01	53203309	53203432	NC_000014.8
cg12069267	3.80E-16	1.10E-17	9.45	29.2864075	1.41E-01	1407858	1407981	NC_000004.11
cg21169914	3.82E-16	1.11E-17	9.45	29.2792841	2.08E-01	165304488	165304611	NC_000004.11
cg08885409	3.82E-16	1.11E-17	9.45	29.2787314	1.06E-01	55969571	55969694	NC_000017.10

cg23664385	3.85E-16	1.12E-17	9.44	29.2720966	1.63E-01	187467427	187467550	NC_000003.11
cg24283289	3.86E-16	1.12E-17	9.44	29.2695992	1.25E-01	19016892	19017015	NC_000022.10
cg19674032	3.88E-16	1.13E-17	9.44	29.2641658	1.05E-01	111682796	111682919	NC_000013.10
cg12940822	3.88E-16	1.13E-17	9.44	29.2635551	2.58E-01	127873397	127873520	NC_000005.9
cg02897005	3.88E-16	1.13E-17	9.44	29.2622379	2.12E-01	47064129	47064252	NC_000021.8
cg00175709	3.88E-16	1.13E-17	9.44	29.26216	2.07E-01	207670014	207670137	NC_000001.10
cg24871414	3.91E-16	1.14E-17	9.44	29.2542751	2.12E-01	95663987	95664110	NC_000002.11
cg20113824	3.92E-16	1.14E-17	9.44	29.2525639	2.08E-01	70946946	70947069	NC_000008.10
cg14373923	3.92E-16	1.14E-17	9.44	29.2521743	2.24E-01	61638433	61638556	NC_000020.10
cg17669365	3.94E-16	1.15E-17	9.44	29.247776	7.40E-02	71163953	71164076	NC_000002.11
cg14354327	3.94E-16	1.15E-17	9.44	29.2455677	1.42E-01	131763676	131763799	NC_000010.10
cg19821713	3.98E-16	1.16E-17	9.44	29.2351424	1.24E-01	96909816	96909939	NC_000015.9
cg22457238	4.00E-16	1.17E-17	9.44	29.2307869	2.07E-01	58570995	58571118	NC_000019.9
cg17031944	4.00E-16	1.17E-17	9.44	29.2300943	6.96E-02	21614078	21614201	NC_000001.10
cg03275201	4.00E-16	1.17E-17	9.44	29.2298128	1.48E-01	80602016	80602139	NC_000017.10
cg11557382	4.01E-16	1.17E-17	9.44	29.2290493	2.13E-01	153446256	153446379	NC_000007.13
cg21367811	4.01E-16	1.17E-17	9.44	29.2288212	2.07E-01	27169136	27169259	NC_000007.13
cg24818418	4.04E-16	1.18E-17	9.44	29.2191664	1.48E-01	110834590	110834713	NC_000004.11
cg08870743	4.05E-16	1.18E-17	9.44	29.2168194	2.74E-01	34398199	34398322	NC_000021.8
cg24136205	4.06E-16	1.19E-17	9.44	29.2150336	1.52E-01	100624293	100624416	NC_000013.10
cg21484228	4.07E-16	1.19E-17	9.44	29.2124367	2.29E-01	32859417	32859540	NC_000003.11
cg22154659	4.08E-16	1.19E-17	9.43	29.2085498	1.86E-01	27134369	27134492	NC_000007.13
cg04847275	4.10E-16	1.20E-17	9.43	29.2054282	2.09E-01	95693828	95693951	NC_000014.8
cg00775939	4.12E-16	1.21E-17	9.43	29.1984444	1.51E-01	118301448	118301571	NC_000010.10
cg11716272	4.13E-16	1.21E-17	9.43	29.197004	2.10E-01	5837348	5837471	NC_000002.11

cg00906476	4.13E-16	1.21E-17	9.43	29.1966291	9.87E-02	139046200	139046323	NC_000005.9
cg06584433	4.15E-16	1.21E-17	9.43	29.1918976	1.88E-01	124605905	124606028	NC_000010.10
cg04353095	4.15E-16	1.21E-17	9.43	29.1915509	2.95E-01	140770588	140770711	NC_000003.11
cg05232118	4.17E-16	1.22E-17	9.43	29.1855826	1.04E-01	216660598	216660721	NC_000002.11
cg12682032	4.22E-16	1.24E-17	9.43	29.1748175	1.83E-01	83617937	83618060	NC_000015.9
cg25866143	4.22E-16	1.24E-17	9.43	29.1747437	1.69E-01	27183262	27183385	NC_000007.13
cg14830367	4.23E-16	1.24E-17	9.43	29.1717691	1.03E-01	178459176	178459299	NC_000001.10
cg00632019	4.23E-16	1.24E-17	9.43	29.17152	1.01E-01	27217587	27217710	NC_000016.9
cg09054633	4.23E-16	1.24E-17	9.43	29.1713816	1.92E-01	136834294	136834417	NC_000005.9
cg17642941	4.24E-16	1.24E-17	9.43	29.1689178	1.80E-01	27198429	27198552	NC_000007.13
cg01662158	4.25E-16	1.25E-17	9.43	29.1663742	4.44E-02	156030265	156030388	NC_000006.11
cg23619399	4.27E-16	1.25E-17	9.43	29.1626453	2.28E-01	79169753	79169876	NC_000013.10
cg05233288	4.28E-16	1.25E-17	9.43	29.1603574	1.31E-01	10534164	10534287	NC_000001.10
cg24019371	4.29E-16	1.26E-17	9.43	29.1558794	2.47E-01	4716554	4716677	NC_000001.10
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cg03894892	4.33E-16	1.27E-17	9.43	29.1464216	1.68E-01	153445197	153445320	NC_000007.13
cg19630629	4.34E-16	1.27E-17	9.42	29.1454366	2.27E-01	136556193	136556316	NC_000007.13
cg19156875	4.36E-16	1.28E-17	9.42	29.1396882	2.69E-01	43974446	43974569	NC_000017.10
cg03092399	4.36E-16	1.28E-17	9.42	29.1396575	1.02E-01	108149307	108149430	NC_000011.9
cg10495997	4.36E-16	1.28E-17	9.42	29.1393583	9.47E-02	72438402	72438525	NC_000011.9
cg00441573	4.37E-16	1.28E-17	9.42	29.1378159	1.71E-01	43428471	43428594	NC_000010.10
cg04074001	4.40E-16	1.29E-17	9.42	29.1312999	1.05E-01	148861409	148861532	NC_000004.11
cg00305996	4.42E-16	1.30E-17	9.42	29.1256656	1.70E-01	227655319	227655442	NC_000002.11
cg05740668	4.43E-16	1.30E-17	9.42	29.1237274	6.52E-02	132203203	132203326	NC_000002.11

cg01811674	4.44E-16	1.30E-17	9.42	29.1214092	1.73E-01	150697210	150697333	NC_000006.11
cg09735896	4.45E-16	1.31E-17	9.42	29.1192498	8.67E-02	39019978	39020101	NC_000017.10
cg03164275	4.45E-16	1.31E-17	9.42	29.1175036	2.67E-01	219826805	219826928	NC_000002.11
cg16277843	4.48E-16	1.32E-17	9.42	29.1124748	1.10E-01	169671468	169671591	NC_000006.11
cg04223553	4.48E-16	1.32E-17	9.42	29.1117457	1.80E-01	153852934	153853057	NC_000005.9
cg10996039	4.48E-16	1.32E-17	9.42	29.1115814	2.04E-01	27178861	27178984	NC_000007.13
cg15922693	4.48E-16	1.32E-17	9.42	29.1107619	1.64E-01	51610688	51610811	NC_000012.11
cg25616547	4.49E-16	1.32E-17	9.42	29.108136	2.14E-01	115134344	115134467	NC_000012.11
cg21512644	4.50E-16	1.32E-17	9.42	29.1056739	2.21E-01	156130016	156130139	NC_000004.11
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cg21092551	4.52E-16	1.33E-17	9.42	29.1016747	2.19E-01	29993498	29993621	NC_000015.9
cg05513616	4.52E-16	1.33E-17	9.42	29.101172	3.28E-02	1538510	1538633	NC_000005.9
cg13618880	4.53E-16	1.33E-17	9.42	29.099705	1.76E-01	170579474	170579597	NC_000006.11
cg02475871	4.54E-16	1.34E-17	9.42	29.0966779	3.37E-02	5684969	5685092	NC_000019.9
cg01955203	4.54E-16	1.34E-17	9.42	29.0964898	1.34E-01	124515502	124515625	NC_000008.10
cg04168670	4.56E-16	1.34E-17	9.42	29.0920726	1.62E-01	124782817	124782940	NC_000002.11
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cg20655099	4.58E-16	1.35E-17	9.42	29.0885559	1.35E-01	5394889	5395012	NC_000007.13
cg08452658	4.58E-16	1.35E-17	9.42	29.0881556	3.01E-01	83776271	83776394	NC_000015.9
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cg16347811	4.61E-16	1.36E-17	9.42	29.0812515	1.25E-01	29322804	29322927	NC_000007.13
cg12880658	4.62E-16	1.36E-17	9.41	29.0784686	2.38E-01	115152386	115152509	NC_000005.9
cg10659480	4.64E-16	1.37E-17	9.41	29.0733679	6.44E-02	34055800	34055923	NC_000003.11
cg09967440	4.65E-16	1.37E-17	9.41	29.0722792	1.93E-01	127444969	127445092	NC_000010.10
cg21945949	4.67E-16	1.38E-17	9.41	29.0682433	1.48E-01	64683610	64683733	NC_000002.11



cg10512951	4.72E-16	1.39E-17	9.41	29.0566228	2.03E-01	70500634	70500757	NC_000006.11
cg05348776	4.75E-16	1.40E-17	9.41	29.0493792	2.19E-01	95693784	95693907	NC_000014.8
cg24000873	4.75E-16	1.40E-17	9.41	29.0484774	2.14E-01	24813653	24813776	NC_000008.10
cg23863891	4.76E-16	1.41E-17	9.41	29.0472588	1.75E-01	155363328	155363451	NC_000007.13
cg06545143	4.77E-16	1.41E-17	9.41	29.0451843	1.87E-01	166402638	166402761	NC_000006.11
cg15415136	4.78E-16	1.41E-17	9.41	29.0426156	1.81E-01	38042418	38042541	NC_000019.9
cg23715830	4.79E-16	1.42E-17	9.41	29.0400758	2.60E-01	13974614	13974737	NC_000003.11
cg15889057	4.81E-16	1.42E-17	9.41	29.0368176	1.49E-01	53602179	53602302	NC_000012.11
cg27345762	4.82E-16	1.42E-17	9.41	29.0335226	1.81E-01	30734041	30734164	NC_000007.13
cg10767336	4.83E-16	1.43E-17	9.41	29.0318345	1.88E-01	5019066	5019189	NC_000012.11
cg19095000	4.83E-16	1.43E-17	9.41	29.0306945	1.39E-01	11711141	11711264	NC_000001.10
cg01696114	4.84E-16	1.43E-17	9.41	29.0300617	1.22E-01	1616448	1616571	NC_000004.11
cg01566199	4.84E-16	1.43E-17	9.41	29.0298025	1.53E-01	26197239	26197362	NC_000001.10
cg04245645	4.85E-16	1.44E-17	9.41	29.0262134	2.59E-01	96343016	96343139	NC_000014.8
cg07978472	4.86E-16	1.44E-17	9.41	29.0254716	2.59E-01	122686493	122686616	NC_000004.11
cg02463418	4.86E-16	1.44E-17	9.41	29.0245668	2.33E-01	66535575	66535698	NC_000004.11
cg22117468	4.89E-16	1.45E-17	9.41	29.0188984	1.11E-01	70176293	70176416	NC_000002.11
cg06069030	4.89E-16	1.45E-17	9.41	29.0186203	8.92E-02	89920590	89920713	NC_000016.9
cg15201291	4.89E-16	1.45E-17	9.41	29.0185541	1.45E-01	96830102	96830225	NC_000010.10
cg12083852	4.90E-16	1.45E-17	9.4	29.0158092	1.37E-01	151282686	151282809	NC_000001.10
cg12689506	4.91E-16	1.45E-17	9.4	29.0140404	1.43E-01	100607835	100607958	NC_000007.13
cg20270188	4.93E-16	1.46E-17	9.4	29.0099876	1.67E-01	156611963	156612086	NC_000001.10
cg22514987	4.97E-16	1.47E-17	9.4	29.0017148	8.59E-02	52271182	52271305	NC_000006.11
cg04971534	4.98E-16	1.47E-17	9.4	28.9992559	2.16E-01	27333432	27333555	NC_000017.10
cg18473544	5.00E-16	1.48E-17	9.4	28.9950334	1.23E-01	14409599	14409722	NC_000003.11

cg22379472	5.00E-16	1.48E-17	9.4	28.9936911	2.48E-01	47413617	47413740	NC_000007.13
cg24089936	5.01E-16	1.48E-17	9.4	28.992671	1.28E-01	49341594	49341717	NC_000001.10
cg11002404	5.02E-16	1.49E-17	9.4	28.991127	2.67E-01	11060038	11060161	NC_000010.10
cg18773260	5.02E-16	1.49E-17	9.4	28.9902292	1.17E-01	46685292	46685415	NC_000017.10
cg15445725	5.02E-16	1.49E-17	9.4	28.9898512	1.53E-01	194469106	194469229	NC_000003.11
cg06274159	5.05E-16	1.50E-17	9.4	28.9846168	2.68E-01	188916867	188916990	NC_000004.11
cg26128092	5.05E-16	1.50E-17	9.4	28.9845597	1.99E-01	3567550	3567673	NC_000001.10
cg01168289	5.07E-16	1.51E-17	9.4	28.9786366	1.62E-01	32421514	32421637	NC_000011.9
cg10365563	5.08E-16	1.51E-17	9.4	28.9773608	1.99E-01	21469772	21469895	NC_000007.13
cg12927617	5.08E-16	1.51E-17	9.4	28.9769386	1.41E-01	117084602	117084725	NC_000009.11
cg08585669	5.09E-16	1.51E-17	9.4	28.9755369	5.85E-02	37853032	37853155	NC_000017.10
cg02677947	5.13E-16	1.52E-17	9.4	28.9680264	1.32E-01	739463	739586	NC_000016.9
cg04068980	5.14E-16	1.53E-17	9.4	28.9656218	2.47E-01	50674203	50674326	NC_000005.9
cg22067676	5.15E-16	1.53E-17	9.4	28.9639897	2.03E-01	126281331	126281454	NC_000006.11
cg19329644	5.16E-16	1.53E-17	9.4	28.9608936	8.95E-02	135010873	135010996	NC_000010.10
cg19963602	5.17E-16	1.53E-17	9.4	28.9596914	3.60E-02	94975601	94975724	NC_000012.11
cg01969701	5.19E-16	1.54E-17	9.4	28.9542024	2.21E-01	69286145	69286268	NC_000011.9
cg19125370	5.20E-16	1.55E-17	9.4	28.9524795	1.74E-01	10390532	10390655	NC_000006.11
cg15948088	5.21E-16	1.55E-17	9.39	28.9503074	2.13E-01	109293068	109293191	NC_000011.9
cg12547839	5.21E-16	1.55E-17	9.39	28.9499542	7.54E-02	74416551	74416674	NC_000017.10
cg18753541	5.22E-16	1.55E-17	9.39	28.9482103	1.45E-01	121841743	121841866	NC_000004.11
cg10320659	5.24E-16	1.56E-17	9.39	28.9445819	1.74E-01	62959262	62959385	NC_000020.10
cg04360049	5.26E-16	1.56E-17	9.39	28.9407927	2.95E-01	158150797	158150920	NC_000001.10
cg12478381	5.26E-16	1.56E-17	9.39	28.9406206	2.59E-01	26565249	26565372	NC_000022.10
cg21384402	5.26E-16	1.56E-17	9.39	28.940537	2.54E-01	105036701	105036824	NC_000010.10

cg05294930	5.26E-16	1.57E-17	9.39	28.9398218	7.33E-02	72220937	72221060	NC_000014.8
cg08406370	5.28E-16	1.57E-17	9.39	28.9372209	2.72E-01	23846893	23847016	NC_000016.9
cg03363161	5.28E-16	1.57E-17	9.39	28.9358089	2.08E-01	147139184	147139307	NC_000003.11
cg07137606	5.29E-16	1.57E-17	9.39	28.9345117	2.10E-01	242687018	242687141	NC_000001.10
cg03265074	5.33E-16	1.59E-17	9.39	28.9264948	1.36E-01	52603300	52603423	NC_000012.11
cg26382551	5.33E-16	1.59E-17	9.39	28.9260319	2.02E-01	11047284	11047407	NC_000010.10
cg12648074	5.33E-16	1.59E-17	9.39	28.9256028	1.89E-01	140864474	140864597	NC_000005.9
cg14972654	5.34E-16	1.59E-17	9.39	28.9248917	1.33E-01	111771263	111771386	NC_000010.10
cg26846409	5.34E-16	1.59E-17	9.39	28.9248489	1.41E-01	21640304	21640427	NC_000008.10
cg09605164	5.35E-16	1.59E-17	9.39	28.9227688	2.59E-01	152622787	152622910	NC_000007.13
cg05158165	5.37E-16	1.60E-17	9.39	28.9186827	4.16E-02	108965753	108965876	NC_000006.11
cg03907016	5.38E-16	1.60E-17	9.39	28.9172003	1.83E-01	6534760	6534883	NC_000019.9
cg22191326	5.39E-16	1.61E-17	9.39	28.9136523	2.42E-01	98836379	98836502	NC_000015.9
cg22737473	5.41E-16	1.61E-17	9.39	28.9106411	1.43E-01	200823609	200823732	NC_000002.11
cg27645498	5.41E-16	1.61E-17	9.39	28.9098173	1.49E-01	125145553	125145676	NC_000012.11
cg01728554	5.44E-16	1.62E-17	9.39	28.9047924	1.80E-01	155107661	155107784	NC_000005.9
cg25529304	5.47E-16	1.63E-17	9.39	28.8983046	1.11E-01	43034529	43034652	NC_000005.9
cg13842237	5.49E-16	1.64E-17	9.39	28.894964	2.03E-01	47064079	47064202	NC_000021.8
cg02466815	5.51E-16	1.65E-17	9.39	28.890242	2.47E-01	177054573	177054696	NC_000002.11
cg23625660	5.56E-16	1.66E-17	9.38	28.8813519	1.92E-01	135266516	135266639	NC_000005.9
cg13702005	5.58E-16	1.67E-17	9.38	28.8774384	2.86E-01	103889789	103889912	NC_000012.11
cg23207077	5.60E-16	1.67E-17	9.38	28.8741446	1.63E-01	905988	906111	NC_000001.10
cg11732321	5.70E-16	1.70E-17	9.38	28.856361	4.37E-02	99841169	99841292	NC_000008.10
cg04207084	5.71E-16	1.71E-17	9.38	28.8536886	1.67E-01	157477846	157477969	NC_000007.13
cg10242602	5.72E-16	1.71E-17	9.38	28.851745	2.09E-01	188916875	188916998	NC_000004.11

cg05080154	5.75E-16	1.72E-17	9.38	28.8459179	1.92E-01	76739409	76739532	NC_000018.9
cg16662785	5.78E-16	1.73E-17	9.38	28.8415006	1.81E-01	36246115	36246238	NC_000022.10
cg01115565	5.80E-16	1.74E-17	9.38	28.8375831	8.03E-02	29584222	29584345	NC_000001.10
cg10715092	5.80E-16	1.74E-17	9.38	28.8369887	2.18E-01	26190354	26190477	NC_000020.10
cg08322102	5.83E-16	1.75E-17	9.38	28.8316139	3.03E-01	77595321	77595444	NC_000008.10
cg10363246	5.84E-16	1.75E-17	9.38	28.8303952	2.78E-01	5019482	5019605	NC_000012.11
cg19147218	5.85E-16	1.75E-17	9.38	28.8291617	2.53E-01	27197555	27197678	NC_000007.13
cg27240402	5.87E-16	1.76E-17	9.38	28.8254031	7.57E-02	1364170	1364293	NC_000004.11
cg07664198	5.90E-16	1.77E-17	9.37	28.8189695	1.93E-01	136553882	136554005	NC_000007.13
cg22397673	5.92E-16	1.77E-17	9.37	28.8161796	5.94E-02	31851106	31851229	NC_000006.11
cg25612428	5.92E-16	1.78E-17	9.37	28.8150478	1.08E-01	10649867	10649990	NC_000005.9
cg19942495	5.93E-16	1.78E-17	9.37	28.8143921	1.68E-01	32484027	32484150	NC_000017.10
cg19706534	5.93E-16	1.78E-17	9.37	28.8134087	1.23E-01	120197644	120197767	NC_000002.11
cg07609844	5.97E-16	1.79E-17	9.37	28.8069683	1.26E-01	151389355	151389478	NC_000002.11
cg12741420	5.98E-16	1.79E-17	9.37	28.8056658	2.40E-01	392131	392254	NC_000006.11
cg26257969	5.99E-16	1.80E-17	9.37	28.80379	9.09E-02	48722474	48722597	NC_000012.11
cg20439473	5.99E-16	1.80E-17	9.37	28.8023871	9.96E-02	56061070	56061193	NC_000017.10
cg21003981	5.99E-16	1.80E-17	9.37	28.8021841	1.79E-02	9649299	9649422	NC_000001.10
cg03168029	6.01E-16	1.80E-17	9.37	28.7999439	1.27E-01	1221398	1221521	NC_000011.9
cg13654525	6.04E-16	1.82E-17	9.37	28.7934224	1.57E-01	65360509	65360632	NC_000011.9
cg09370594	6.05E-16	1.82E-17	9.37	28.7929632	1.20E-01	2291872	2291995	NC_000019.9
cg03226000	6.07E-16	1.82E-17	9.37	28.7895316	2.47E-01	55690378	55690501	NC_000016.9
cg05209584	6.07E-16	1.82E-17	9.37	28.7894965	2.55E-01	127873283	127873406	NC_000005.9
cg20841748	6.09E-16	1.83E-17	9.37	28.784884	1.40E-01	40838078	40838201	NC_000017.10
cg05888551	6.09E-16	1.83E-17	9.37	28.7846403	6.67E-02	56750788	56750911	NC_000020.10

cg17694795	6.10E-16	1.83E-17	9.37	28.7833201	1.99E-01	67874366	67874489	NC_000008.10
cg00260235	6.12E-16	1.84E-17	9.37	28.7800909	3.92E-02	69931262	69931385	NC_000011.9
cg26925231	6.12E-16	1.84E-17	9.37	28.7792381	1.96E-01	15094380	15094503	NC_000008.10
cg24772525	6.13E-16	1.84E-17	9.37	28.7790018	1.56E-01	172014861	172014984	NC_000002.11
cg08536805	6.16E-16	1.85E-17	9.37	28.7734961	7.18E-02	107748222	107748345	NC_000003.11
cg03970036	6.19E-16	1.86E-17	9.37	28.7682432	2.48E-01	220174232	220174355	NC_000002.11
cg25307665	6.20E-16	1.87E-17	9.37	28.765584	1.82E-01	27183694	27183817	NC_000007.13
cg12206317	6.20E-16	1.87E-17	9.37	28.7651887	1.12E-01	224026237	224026360	NC_000001.10
cg03376794	6.21E-16	1.87E-17	9.37	28.7641293	2.95E-01	25704507	25704630	NC_000016.9
cg09543255	6.24E-16	1.88E-17	9.37	28.7596077	2.36E-01	170302640	170302763	NC_000003.11
cg16945378	6.24E-16	1.88E-17	9.37	28.7592873	6.06E-02	37451213	37451336	NC_000022.10
cg00486340	6.24E-16	1.88E-17	9.37	28.7590857	2.09E-01	4860026	4860149	NC_000004.11
cg22205276	6.26E-16	1.89E-17	9.36	28.7544942	1.56E-01	60052372	60052495	NC_000018.9
cg22959054	6.32E-16	1.90E-17	9.36	28.7459432	1.27E-01	16761114	16761237	NC_000012.11
cg25555059	6.33E-16	1.91E-17	9.36	28.7441068	1.98E-01	128301488	128301611	NC_000005.9
cg21477176	6.33E-16	1.91E-17	9.36	28.7428742	2.02E-01	54445888	54446011	NC_000019.9
cg16848624	6.35E-16	1.92E-17	9.36	28.7395097	2.26E-01	45614290	45614413	NC_000007.13
cg02878244	6.38E-16	1.92E-17	9.36	28.7359956	2.01E-01	20181911	20182034	NC_000011.9
cg02397552	6.39E-16	1.93E-17	9.36	28.7341406	1.20E-01	77576078	77576201	NC_000013.10
cg02611934	6.40E-16	1.93E-17	9.36	28.7316492	1.53E-01	88329407	88329530	NC_000013.10
cg07899681	6.40E-16	1.93E-17	9.36	28.7314682	1.69E-01	22444714	22444837	NC_000019.9
cg18103859	6.43E-16	1.94E-17	9.36	28.7266741	3.34E-01	61110002	61110125	NC_000014.8
cg13919438	6.43E-16	1.94E-17	9.36	28.7263849	2.14E-01	39995546	39995669	NC_000020.10
cg01482645	6.45E-16	1.95E-17	9.36	28.7239036	2.29E-01	104513024	104513147	NC_000008.10
cg04227961	6.46E-16	1.95E-17	9.36	28.7221921	2.31E-01	113541993	113542116	NC_000012.11

cg14835443	6.46E-16	1.95E-17	9.36	28.7221042	2.09E-01	47225543	47225666	NC_000012.11
cg23641560	6.47E-16	1.96E-17	9.36	28.7200017	1.11E-01	182755044	182755167	NC_000002.11
cg09972259	6.47E-16	1.96E-17	9.36	28.7192091	2.15E-01	112711854	112711977	NC_000013.10
cg04109655	6.48E-16	1.96E-17	9.36	28.7181632	9.11E-02	2114887	2115010	NC_000007.13
cg07612562	6.55E-16	1.98E-17	9.36	28.7065439	2.41E-01	145813915	145814038	NC_000007.13
cg16204414	6.57E-16	1.99E-17	9.36	28.7041455	1.93E-01	10325494	10325617	NC_000003.11
cg07808555	6.58E-16	1.99E-17	9.36	28.7022253	2.70E-01	111217712	111217835	NC_000001.10
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cg18343881	6.61E-16	2.00E-17	9.36	28.6968621	1.57E-01	83016717	83016840	NC_000005.9
cg13362636	6.66E-16	2.02E-17	9.35	28.6888622	1.82E-01	82289309	82289432	NC_000002.11
cg26835683	6.68E-16	2.02E-17	9.35	28.686121	1.13E-01	160180434	160180557	NC_000001.10
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cg13680388	6.72E-16	2.04E-17	9.35	28.6797715	2.00E-01	57471844	57471967	NC_000020.10
cg04611203	6.75E-16	2.05E-17	9.35	28.6744019	1.94E-01	2781438	2781561	NC_000020.10
cg21045464	6.78E-16	2.05E-17	9.35	28.670859	2.45E-01	115135057	115135180	NC_000012.11
cg19839281	6.79E-16	2.06E-17	9.35	28.6689721	1.34E-01	238362492	238362615	NC_000002.11
cg10244666	6.81E-16	2.06E-17	9.35	28.6660662	2.44E-01	32421808	32421931	NC_000011.9
cg14123942	6.85E-16	2.08E-17	9.35	28.6592489	2.48E-01	104500322	104500445	NC_000009.11
cg11893763	6.85E-16	2.08E-17	9.35	28.6590205	1.91E-01	125425688	125425811	NC_000010.10
cg27444994	6.85E-16	2.08E-17	9.35	28.6589023	2.51E-01	62070072	62070195	NC_000016.9
cg06829686	6.88E-16	2.09E-17	9.35	28.6553759	2.69E-01	47910843	47910966	NC_000001.10
cg00154357	6.89E-16	2.09E-17	9.35	28.6532488	1.23E-01	147111280	147111403	NC_000003.11
cg12060744	6.92E-16	2.10E-17	9.35	28.6488164	2.57E-01	58095581	58095704	NC_000019.9
cg00788025	6.94E-16	2.11E-17	9.35	28.6454995	9.76E-02	962749	962872	NC_000004.11
cg14672084	6.95E-16	2.11E-17	9.35	28.6443284	2.00E-01	140857941	140858064	NC_000005.9

cg25718223	6.97E-16	2.12E-17	9.35	28.6402803	1.21E-01	13915877	13916000	NC_000019.9
cg11124652	6.98E-16	2.12E-17	9.35	28.6395621	1.25E-01	62462782	62462905	NC_000002.11
cg21683069	6.98E-16	2.12E-17	9.35	28.6387939	1.78E-01	147781600	147781723	NC_000001.10
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cg16256390	7.00E-16	2.13E-17	9.35	28.635739	2.35E-01	99712336	99712459	NC_000014.8
cg27174778	7.01E-16	2.13E-17	9.35	28.6351537	9.90E-02	44186519	44186642	NC_000007.13
cg05883442	7.01E-16	2.13E-17	9.35	28.63432	1.26E-01	67476137	67476260	NC_000016.9
cg17722002	7.06E-16	2.15E-17	9.34	28.6267592	1.85E-01	121940381	121940504	NC_000007.13
cg09127607	7.07E-16	2.15E-17	9.34	28.624983	2.12E-01	69914213	69914336	NC_000010.10
cg01348055	7.08E-16	2.16E-17	9.34	28.6235543	1.30E-01	10272788	10272911	NC_000016.9
cg07372195	7.13E-16	2.17E-17	9.34	28.6160886	1.38E-01	67310842	67310965	NC_000017.10
cg13672348	7.20E-16	2.19E-17	9.34	28.6069377	5.88E-02	140588475	140588598	NC_000009.11
cg05783915	7.22E-16	2.20E-17	9.34	28.604593	2.47E-01	119302062	119302185	NC_000010.10
cg09567180	7.23E-16	2.20E-17	9.34	28.6030419	1.45E-01	124609416	124609539	NC_000010.10
cg25730685	7.24E-16	2.21E-17	9.34	28.6009992	2.73E-01	2375010	2375133	NC_000001.10
cg03882967	7.25E-16	2.21E-17	9.34	28.6001475	1.00E-01	182117858	182117981	NC_000003.11
cg14852384	7.25E-16	2.21E-17	9.34	28.598988	1.66E-01	229569877	229570000	NC_000001.10
cg10581811	7.28E-16	2.22E-17	9.34	28.5954006	3.37E-02	58257267	58257390	NC_000012.11
cg05087577	7.29E-16	2.22E-17	9.34	28.5927098	5.19E-02	43532611	43532734	NC_000001.10
cg16935061	7.31E-16	2.23E-17	9.34	28.590217	1.86E-01	1395278	1395401	NC_000006.11
cg20293594	7.32E-16	2.23E-17	9.34	28.5889573	2.66E-01	27196296	27196419	NC_000007.13
cg05495949	7.39E-16	2.25E-17	9.34	28.5789947	2.77E-01	4923140	4923263	NC_000007.13
cg08802533	7.40E-16	2.26E-17	9.34	28.5771148	1.27E-01	27073253	27073376	NC_000002.11
cg24932457	7.41E-16	2.26E-17	9.34	28.5758757	1.99E-01	175568559	175568682	NC_000001.10
cg12924936	7.42E-16	2.27E-17	9.34	28.5742364	2.51E-01	2279098	2279221	NC_000005.9

cg05471509	7.49E-16	2.29E-17	9.34	28.5657877	1.10E-01	114109420	114109543	NC_000013.10
cg01947130	7.49E-16	2.29E-17	9.34	28.565495	2.34E-01	60287196	60287319	NC_000015.9
cg22560214	7.49E-16	2.29E-17	9.34	28.5643722	1.47E-01	13531213	13531336	NC_000004.11
cg23383138	7.50E-16	2.29E-17	9.34	28.5636556	1.38E-01	30885012	30885135	NC_000022.10
cg16685313	7.51E-16	2.30E-17	9.33	28.561229	1.63E-01	233036012	233036135	NC_000001.10
cg15839448	7.53E-16	2.30E-17	9.33	28.5596427	1.92E-01	41166530	41166653	NC_000008.10
cg14800197	7.62E-16	2.33E-17	9.33	28.5471599	1.35E-01	121735681	121735804	NC_000002.11
cg26913576	7.62E-16	2.33E-17	9.33	28.5466352	9.46E-02	2151698	2151821	NC_000011.9
cg04572969	7.62E-16	2.33E-17	9.33	28.5465318	8.71E-02	3503480	3503603	NC_000001.10
cg14335816	7.64E-16	2.34E-17	9.33	28.543352	1.05E-01	1069505	1069628	NC_000017.10
cg12451155	7.73E-16	2.37E-17	9.33	28.531361	1.45E-01	29065427	29065550	NC_000001.10
cg21452281	7.74E-16	2.37E-17	9.33	28.5293928	1.76E-01	189203965	189204088	NC_000004.11
cg25632105	7.75E-16	2.37E-17	9.33	28.5287355	1.85E-01	136553728	136553851	NC_000007.13
cg08112737	7.76E-16	2.38E-17	9.33	28.5274832	9.99E-02	57178051	57178174	NC_000004.11
cg14155184	7.77E-16	2.38E-17	9.33	28.5258312	8.54E-02	44120425	44120548	NC_000006.11
cg10357909	7.77E-16	2.38E-17	9.33	28.5252686	6.87E-02	479994	480117	NC_000016.9
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cg16472050	7.78E-16	2.38E-17	9.33	28.5245787	1.75E-01	172945698	172945821	NC_000002.11
cg05525743	7.79E-16	2.39E-17	9.33	28.5222868	2.58E-01	30716524	30716647	NC_000019.9
cg24953703	7.82E-16	2.39E-17	9.33	28.5194722	1.63E-01	41236975	41237098	NC_000015.9
cg03149432	7.82E-16	2.40E-17	9.33	28.5188098	1.85E-01	37498721	37498844	NC_000001.10
cg18788664	7.84E-16	2.40E-17	9.33	28.5165283	2.36E-01	221068171	221068294	NC_000001.10
cg16730825	7.86E-16	2.41E-17	9.33	28.5129323	1.71E-01	928439	928562	NC_000011.9
cg12288551	7.87E-16	2.41E-17	9.33	28.512378	1.24E-01	50801220	50801343	NC_000007.13
cg05991454	7.87E-16	2.41E-17	9.33	28.5115825	2.12E-01	147558435	147558558	NC_000004.11



cg05732394	7.90E-16	2.42E-17	9.33	28.5081056	1.04E-01	44255249	44255372	NC_000007.13
cg03242458	7.92E-16	2.43E-17	9.33	28.5052643	9.68E-02	30135644	30135767	NC_000006.11
cg05011265	8.00E-16	2.46E-17	9.32	28.4942382	8.01E-02	22958399	22958522	NC_000014.8
cg13191508	8.01E-16	2.46E-17	9.32	28.4934853	1.37E-01	144600686	144600809	NC_000008.10
cg21100077	8.03E-16	2.47E-17	9.32	28.4901043	1.66E-01	100627366	100627489	NC_000013.10
cg11709905	8.05E-16	2.47E-17	9.32	28.487292	9.70E-02	736287	736410	NC_000011.9
cg06946708	8.05E-16	2.47E-17	9.32	28.4872669	2.12E-01	125732373	125732496	NC_000010.10
cg21097354	8.07E-16	2.48E-17	9.32	28.4854572	1.93E-01	27179161	27179284	NC_000007.13
cg06170425	8.09E-16	2.49E-17	9.32	28.4823683	1.05E-01	4164087	4164210	NC_000016.9
cg14427009	8.13E-16	2.50E-17	9.32	28.4776409	1.63E-01	58207058	58207181	NC_000013.10
cg16518590	8.19E-16	2.52E-17	9.32	28.4699313	4.76E-02	51104801	51104924	NC_000007.13
cg02885007	8.23E-16	2.53E-17	9.32	28.4652229	1.42E-01	176987605	176987728	NC_000002.11
cg01002253	8.23E-16	2.53E-17	9.32	28.4647687	2.33E-01	164264914	164265037	NC_000004.11
cg00652274	8.23E-16	2.53E-17	9.32	28.4646903	1.67E-01	115576803	115576926	NC_000003.11
cg02728050	8.24E-16	2.53E-17	9.32	28.4638597	2.13E-01	50818153	50818276	NC_000010.10
cg06311863	8.25E-16	2.54E-17	9.32	28.4616163	2.13E-01	55508686	55508809	NC_000003.11
cg26848718	8.26E-16	2.54E-17	9.32	28.4603561	1.82E-01	32454975	32455098	NC_000011.9
cg16347256	8.27E-16	2.54E-17	9.32	28.4599046	1.57E-01	57285160	57285283	NC_000001.10
cg16730509	8.31E-16	2.56E-17	9.32	28.4542981	1.27E-01	102787588	102787711	NC_000014.8
cg19265000	8.32E-16	2.56E-17	9.32	28.4532708	1.10E-01	49460706	49460829	NC_000012.11
cg05924171	8.32E-16	2.56E-17	9.32	28.4530025	6.12E-02	67471737	67471860	NC_000011.9
cg06898293	8.33E-16	2.56E-17	9.32	28.451656	2.03E-01	114750703	114750826	NC_000007.13
cg04317399	8.36E-16	2.58E-17	9.32	28.447389	1.94E-01	27170313	27170436	NC_000007.13
cg13352750	8.37E-16	2.58E-17	9.32	28.4459248	2.41E-01	27225123	27225246	NC_000007.13
cg14386999	8.40E-16	2.59E-17	9.32	28.4420974	7.41E-02	44906672	44906795	NC_000021.8

cg25593565	8.41E-16	2.59E-17	9.32	28.4419659	1.00E-01	5646827	5646950	NC_000007.13
cg24145007	8.44E-16	2.60E-17	9.32	28.437773	8.50E-02	245869090	245869213	NC_000001.10
cg10410852	8.47E-16	2.61E-17	9.31	28.4332919	1.15E-01	74714308	74714431	NC_000010.10
cg11348701	8.50E-16	2.62E-17	9.31	28.4304772	9.80E-02	171704223	171704346	NC_000002.11
cg03184290	8.53E-16	2.63E-17	9.31	28.4265314	2.33E-01	111550666	111550789	NC_000004.11
cg05018513	8.54E-16	2.63E-17	9.31	28.4253251	1.37E-01	105173980	105174103	NC_000014.8
cg04404540	8.54E-16	2.63E-17	9.31	28.4251919	2.19E-01	72270444	72270567	NC_000017.10
cg15925365	8.57E-16	2.64E-17	9.31	28.4219686	2.10E-01	52858998	52859121	NC_000006.11
cg02232208	8.57E-16	2.64E-17	9.31	28.4211377	2.21E-01	147137147	147137270	NC_000003.11
cg04269530	8.60E-16	2.65E-17	9.31	28.4185692	1.49E-01	48919401	48919524	NC_000019.9
cg20392607	8.60E-16	2.65E-17	9.31	28.4184807	2.77E-01	5018798	5018921	NC_000012.11
cg18434588	8.65E-16	2.67E-17	9.31	28.4117199	1.13E-01	80095132	80095255	NC_000005.9
cg04279449	8.68E-16	2.68E-17	9.31	28.4078375	1.19E-01	703918	704041	NC_000011.9
cg18336674	8.70E-16	2.69E-17	9.31	28.4059225	1.41E-01	170735264	170735387	NC_000005.9
cg17252960	8.71E-16	2.69E-17	9.31	28.4052647	2.37E-01	19837350	19837473	NC_000006.11
cg06070644	8.72E-16	2.69E-17	9.31	28.4032201	8.67E-02	25677759	25677882	NC_000004.11
cg14930075	8.79E-16	2.72E-17	9.31	28.3949301	2.79E-01	140715018	140715141	NC_000008.10
cg06538872	8.80E-16	2.72E-17	9.31	28.3939434	8.29E-02	947343	947466	NC_000001.10
cg21546184	8.83E-16	2.73E-17	9.31	28.3898705	2.40E-01	65283649	65283772	NC_000008.10
cg03646189	8.84E-16	2.73E-17	9.31	28.3893287	2.46E-01	2756101	2756224	NC_000005.9
cg10731700	8.87E-16	2.74E-17	9.31	28.3858655	2.65E-01	1760259	1760382	NC_000019.9
cg26432350	8.89E-16	2.75E-17	9.31	28.3828117	1.36E-01	47040357	47040480	NC_000003.11
cg18252309	8.89E-16	2.75E-17	9.31	28.3827387	2.28E-01	153583867	153583990	NC_000007.13
cg01520105	8.89E-16	2.75E-17	9.31	28.3827284	1.06E-01	111887243	111887366	NC_000006.11
cg06735554	8.92E-16	2.76E-17	9.31	28.379153	1.19E-01	1221726	1221849	NC_000011.9

cg23484785	8.93E-16	2.76E-17	9.31	28.3780072	1.26E-01	105343352	105343475	NC_000004.11
cg12395726	8.93E-16	2.76E-17	9.31	28.3772318	5.63E-02	33248687	33248810	NC_000006.11
cg24812837	8.98E-16	2.78E-17	9.31	28.3721546	2.53E-01	102894120	102894243	NC_000010.10
cg06616093	8.99E-16	2.78E-17	9.31	28.3703832	6.63E-02	134828082	134828205	NC_000010.10
cg06737561	9.05E-16	2.80E-17	9.3	28.3634675	1.85E-01	50821518	50821641	NC_000010.10
cg24890294	9.08E-16	2.81E-17	9.3	28.3597868	7.22E-02	31617322	31617445	NC_000006.11
cg05314639	9.11E-16	2.82E-17	9.3	28.3572024	1.21E-01	114109729	114109852	NC_000013.10
cg04168853	9.12E-16	2.83E-17	9.3	28.3554285	2.20E-01	38346023	38346146	NC_000019.9
cg15265853	9.13E-16	2.83E-17	9.3	28.3542027	5.25E-02	29401371	29401494	NC_000017.10
cg07618409	9.18E-16	2.85E-17	9.3	28.3482271	1.01E-01	55742491	55742614	NC_000017.10
cg12304520	9.21E-16	2.85E-17	9.3	28.3455833	2.25E-01	140810123	140810246	NC_000005.9
cg07642170	9.23E-16	2.86E-17	9.3	28.3430635	5.77E-02	44218746	44218869	NC_000019.9
cg23921338	9.25E-16	2.87E-17	9.3	28.3408338	7.83E-02	70206922	70207045	NC_000002.11
cg19253850	9.31E-16	2.89E-17	9.3	28.3344777	1.29E-01	129796229	129796352	NC_000010.10
cg08492619	9.32E-16	2.89E-17	9.3	28.3334741	2.72E-01	88324193	88324316	NC_000013.10
cg09221867	9.40E-16	2.92E-17	9.3	28.3244407	2.54E-01	134071663	134071786	NC_000004.11
cg11630404	9.41E-16	2.92E-17	9.3	28.3221938	2.63E-01	113442346	113442469	NC_000004.11
cg24333629	9.43E-16	2.93E-17	9.3	28.320208	2.32E-01	229045958	229046081	NC_000002.11
cg24317217	9.43E-16	2.93E-17	9.3	28.3201026	1.90E-01	70231495	70231618	NC_000003.11
cg07180307	9.44E-16	2.93E-17	9.3	28.3194934	2.53E-01	109294168	109294291	NC_000011.9
cg25950235	9.52E-16	2.96E-17	9.3	28.3110067	2.63E-01	89910753	89910876	NC_000015.9
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cg03679755	9.55E-16	2.97E-17	9.3	28.3074492	2.12E-01	101875035	101875158	NC_000010.10

cg13950829	9.55E-16	2.97E-17	9.3	28.306717	2.87E-01	11060652	11060775	NC_000010.10
cg10124710	9.58E-16	2.98E-17	9.29	28.3036039	1.63E-01	146544267	146544390	NC_000001.10
cg23683588	9.71E-16	3.02E-17	9.29	28.2902833	2.04E-01	37136283	37136406	NC_000014.8
cg18722086	9.73E-16	3.03E-17	9.29	28.2879729	1.48E-01	113380072	113380195	NC_000003.11
cg08097882	9.73E-16	3.03E-17	9.29	28.2878898	2.35E-01	79177516	79177639	NC_000013.10
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cg12924956	9.75E-16	3.03E-17	9.29	28.2859063	1.61E-01	24600569	24600692	NC_000014.8
cg20100910	9.75E-16	3.03E-17	9.29	28.285119	2.44E-01	102475429	102475552	NC_000010.10
cg10615414	9.78E-16	3.04E-17	9.29	28.2824554	2.36E-01	37353096	37353219	NC_000020.10
cg17840132	9.79E-16	3.05E-17	9.29	28.2808808	3.69E-02	39380842	39380965	NC_000005.9
cg13407456	9.84E-16	3.06E-17	9.29	28.2756806	2.68E-01	69243398	69243521	NC_000008.10
cg09765089	9.87E-16	3.07E-17	9.29	28.2729387	2.95E-01	27291346	27291469	NC_000007.13
cg07659054	9.88E-16	3.07E-17	9.29	28.2720322	2.14E-01	27134225	27134348	NC_000007.13
cg26730369	1.01E-15	3.15E-17	9.29	28.2490267	2.54E-01	26724001	26724124	NC_000008.10
cg16590466	1.01E-15	3.15E-17	9.29	28.2483966	7.19E-02	30795267	30795390	NC_000016.9
cg25693769	1.02E-15	3.17E-17	9.28	28.2406103	1.49E-01	33261112	33261235	NC_000003.11
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cg02765731	1.02E-15	3.20E-17	9.28	28.233842	1.77E-01	83436797	83436920	NC_000012.11
cg03888064	1.03E-15	3.20E-17	9.28	28.233003	1.68E-01	156305656	156305779	NC_000001.10
cg01142635	1.03E-15	3.20E-17	9.28	28.2319377	1.87E-01	6224117	6224240	NC_000004.11
cg16690757	1.03E-15	3.21E-17	9.28	28.2305213	1.86E-01	26680932	26681055	NC_000010.10
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cg12431879	1.03E-15	3.21E-17	9.28	28.2279043	1.73E-01	17082787	17082910	NC_000022.10

cg01995743	1.03E-15	3.22E-17	9.28	28.2277348	2.43E-01	118229732	118229855	NC_000006.11
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cg18349911	1.04E-15	3.24E-17	9.28	28.22051	2.15E-01	1877135	1877258	NC_000005.9
cg26916764	1.04E-15	3.24E-17	9.28	28.2189597	5.24E-02	115268937	115269060	NC_000001.10
cg26433102	1.04E-15	3.25E-17	9.28	28.2177317	2.42E-01	391441	391564	NC_000006.11
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cg04842426	1.04E-15	3.26E-17	9.28	28.2142324	2.09E-01	136555777	136555900	NC_000007.13
cg00321644	1.04E-15	3.26E-17	9.28	28.213613	6.51E-02	977110	977233	NC_000012.11
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cg08026818	1.05E-15	3.27E-17	9.28	28.2115872	2.65E-01	77823221	77823344	NC_000016.9
cg09131151	1.05E-15	3.30E-17	9.28	28.2031089	1.35E-01	133782453	133782576	NC_000011.9
cg14338246	1.06E-15	3.31E-17	9.28	28.1991902	7.39E-02	75960767	75960890	NC_000017.10
cg06073141	1.07E-15	3.35E-17	9.28	28.1877213	4.56E-02	190105762	190105885	NC_000003.11
cg05697849	1.07E-15	3.35E-17	9.28	28.1870681	1.72E-01	50513766	50513889	NC_000001.10
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cg00597931	1.08E-15	3.37E-17	9.28	28.1804736	1.49E-01	142179697	142179820	NC_000008.10
cg20936854	1.08E-15	3.38E-17	9.28	28.1792687	5.79E-02	44527408	44527531	NC_000020.10
cg09806671	1.08E-15	3.38E-17	9.28	28.1790579	1.24E-01	165324679	165324802	NC_000001.10
cg16781502	1.08E-15	3.38E-17	9.28	28.1777009	1.62E-01	134774214	134774337	NC_000010.10
cg11544647	1.08E-15	3.40E-17	9.27	28.1737616	9.07E-02	6659957	6660080	NC_000019.9
cg00929376	1.08E-15	3.40E-17	9.27	28.1735742	1.57E-01	25258236	25258359	NC_000001.10
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cg13928102	1.09E-15	3.40E-17	9.27	28.1710351	1.65E-01	76360050	76360173	NC_000005.9
cg16945186	1.09E-15	3.41E-17	9.27	28.1686798	2.09E-01	115103960	115104083	NC_000012.11
cg16150752	1.09E-15	3.42E-17	9.27	28.1660718	2.74E-01	16180072	16180195	NC_000005.9

cg27464184	1.09E-15	3.42E-17	9.27	28.1659312	2.87E-01	114075881	114076004	NC_000012.11
cg23474501	1.09E-15	3.43E-17	9.27	28.164177	2.14E-01	134902168	134902291	NC_000010.10
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cg13588946	1.10E-15	3.46E-17	9.27	28.1554067	1.46E-01	69678511	69678634	NC_000014.8
cg16509192	1.11E-15	3.47E-17	9.27	28.1515931	1.25E-01	122107024	122107147	NC_000003.11
cg18750960	1.11E-15	3.47E-17	9.27	28.1514596	2.07E-01	177016417	177016540	NC_000002.11
cg01382489	1.11E-15	3.48E-17	9.27	28.1497622	5.73E-02	44949625	44949748	NC_000021.8
cg17966167	1.11E-15	3.48E-17	9.27	28.1484143	2.69E-01	37488564	37488687	NC_000007.13
cg06894723	1.12E-15	3.51E-17	9.27	28.1408615	1.07E-01	110398142	110398265	NC_000013.10
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cg27041794	1.13E-15	3.55E-17	9.27	28.1309002	2.70E-01	11059708	11059831	NC_000010.10
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cg14212180	1.14E-15	3.57E-17	9.27	28.1239393	4.01E-02	3365201	3365324	NC_000019.9
cg09582952	1.14E-15	3.57E-17	9.27	28.1231864	2.39E-01	29033187	29033310	NC_000017.10
cg13686795	1.14E-15	3.57E-17	9.27	28.1229571	7.67E-02	151522573	151522696	NC_000007.13
cg10615842	1.14E-15	3.59E-17	9.27	28.118046	2.45E-01	20619158	20619281	NC_000011.9
cg11342468	1.15E-15	3.60E-17	9.27	28.114929	1.95E-01	103889784	103889907	NC_000012.11
cg08705882	1.15E-15	3.60E-17	9.27	28.1148844	6.62E-02	94337576	94337699	NC_000010.10
cg13323416	1.15E-15	3.61E-17	9.27	28.1128208	1.31E-01	45609367	45609490	NC_000006.11
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cg22374057	1.16E-15	3.64E-17	9.26	28.1046423	1.72E-01	11148682	11148805	NC_000018.9
cg05446615	1.16E-15	3.64E-17	9.26	28.1043142	6.44E-02	88547861	88547984	NC_000016.9

cg21053982	1.16E-15	3.64E-17	9.26	28.1035917	3.33E-02	90578774	90578897	NC_000005.9
cg06837746	1.16E-15	3.66E-17	9.26	28.0992034	7.42E-02	8774972	8775095	NC_000003.11
cg02814289	1.16E-15	3.66E-17	9.26	28.0984508	5.42E-02	717213	717336	NC_000016.9
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cg02182795	1.19E-15	3.76E-17	9.26	28.0718767	2.53E-01	57069688	57069811	NC_000008.10
cg22167267	1.20E-15	3.78E-17	9.26	28.0665289	1.14E-01	80132832	80132955	NC_000017.10
cg10575652	1.20E-15	3.78E-17	9.26	28.0664661	7.97E-02	123351652	123351775	NC_000012.11
cg01033865	1.20E-15	3.79E-17	9.26	28.0655622	2.35E-01	115630896	115631019	NC_000011.9
cg14485004	1.20E-15	3.79E-17	9.26	28.0638846	2.39E-01	75524913	75525036	NC_000017.10
cg06857316	1.20E-15	3.79E-17	9.26	28.0638739	8.16E-02	97846357	97846480	NC_000007.13
cg00810939	1.20E-15	3.80E-17	9.26	28.0633845	1.79E-01	24463749	24463872	NC_000001.10
cg24378227	1.21E-15	3.81E-17	9.26	28.0603707	1.63E-01	1396771	1396894	NC_000006.11
cg05502103	1.21E-15	3.82E-17	9.26	28.0571531	1.09E-01	588936	589059	NC_000007.13
cg16801887	1.21E-15	3.83E-17	9.26	28.0554489	2.80E-01	86541480	86541603	NC_000016.9
cg09729848	1.22E-15	3.83E-17	9.26	28.0536504	2.55E-01	178770998	178771121	NC_000005.9
cg15858959	1.22E-15	3.85E-17	9.26	28.0487279	1.23E-01	71863687	71863810	NC_000014.8
cg04194457	1.23E-15	3.88E-17	9.25	28.0414552	8.65E-02	52493238	52493361	NC_000020.10
cg08439930	1.23E-15	3.89E-17	9.25	28.0392432	2.92E-01	51185060	51185183	NC_000016.9
cg07684152	1.23E-15	3.89E-17	9.25	28.0380399	4.51E-02	130670760	130670883	NC_000012.11
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cg07042546	1.24E-15	3.90E-17	9.25	28.0355631	1.49E-01	117104996	117105119	NC_000011.9

cg19161330	1.24E-15	3.91E-17	9.25	28.0335991	8.43E-02	184290643	184290766	NC_000003.11
cg18676967	1.24E-15	3.92E-17	9.25	28.0312508	1.38E-01	233217476	233217599	NC_000002.11
cg24928181	1.25E-15	3.94E-17	9.25	28.0252942	1.04E-01	151424835	151424958	NC_000002.11
cg02970836	1.25E-15	3.95E-17	9.25	28.0240904	2.54E-01	3237991	3238114	NC_000016.9
cg06533244	1.25E-15	3.96E-17	9.25	28.0213174	1.75E-01	27258460	27258583	NC_000006.11
cg16886487	1.26E-15	3.97E-17	9.25	28.0180853	1.13E-01	50944575	50944698	NC_000022.10
cg14236662	1.26E-15	3.98E-17	9.25	28.0166733	2.53E-01	176988284	176988407	NC_000002.11
cg01323104	1.26E-15	4.00E-17	9.25	28.0117324	1.58E-01	87958903	87959026	NC_000004.11
cg20691140	1.27E-15	4.00E-17	9.25	28.0106398	2.18E-01	137522667	137522790	NC_000002.11
cg12836959	1.27E-15	4.01E-17	9.25	28.0091942	2.47E-01	147098568	147098691	NC_000003.11
cg26462212	1.27E-15	4.01E-17	9.25	28.0079649	3.43E-02	339544	339667	NC_000016.9
cg27564715	1.27E-15	4.02E-17	9.25	28.0073939	1.17E-01	1773758	1773881	NC_000008.10
cg12487153	1.27E-15	4.03E-17	9.25	28.0033571	8.98E-02	13560875	13560998	NC_000006.11
cg24865955	1.28E-15	4.04E-17	9.25	28.0023444	6.12E-02	141576963	141577086	NC_000005.9
cg08471734	1.28E-15	4.05E-17	9.25	27.9995938	8.73E-02	15808817	15808940	NC_000001.10
cg12854979	1.28E-15	4.05E-17	9.25	27.9994721	1.03E-01	78134143	78134266	NC_000017.10
cg02781618	1.28E-15	4.06E-17	9.25	27.9958693	2.04E-01	42153695	42153818	NC_000004.11
cg20462512	1.28E-15	4.07E-17	9.25	27.9954858	1.85E-01	5543155	5543278	NC_000012.11
cg16960943	1.28E-15	4.07E-17	9.25	27.9954378	8.86E-02	236417185	236417308	NC_000002.11
cg13088368	1.28E-15	4.07E-17	9.25	27.9950863	1.90E-01	42544716	42544839	NC_000020.10
cg23290121	1.28E-15	4.07E-17	9.25	27.9946679	1.18E-01	241612069	241612192	NC_000002.11
cg26385172	1.29E-15	4.09E-17	9.25	27.9886027	2.36E-01	115135169	115135292	NC_000012.11
cg06325515	1.29E-15	4.09E-17	9.25	27.9884003	5.76E-02	75610567	75610690	NC_000016.9
cg23317501	1.29E-15	4.09E-17	9.25	27.988313	1.94E-01	35991215	35991338	NC_000005.9
cg03577655	1.30E-15	4.11E-17	9.25	27.9858611	2.61E-01	49815365	49815488	NC_000007.13



cg02116996	1.30E-15	4.12E-17	9.24	27.9813996	3.36E-02	30126364	30126487	NC_000006.11
cg03445516	1.30E-15	4.13E-17	9.24	27.978919	1.58E-01	95664233	95664356	NC_000002.11
cg15207742	1.30E-15	4.13E-17	9.24	27.9789168	2.50E-01	43438809	43438932	NC_000020.10
cg17463655	1.30E-15	4.14E-17	9.24	27.9781171	1.41E-01	97846790	97846913	NC_000007.13
cg06994787	1.31E-15	4.14E-17	9.24	27.977848	1.90E-01	11834960	11835083	NC_000016.9
cg14780632	1.31E-15	4.14E-17	9.24	27.9764317	2.54E-01	65816521	65816644	NC_000011.9
cg22521696	1.31E-15	4.15E-17	9.24	27.9761047	1.96E-01	38183210	38183333	NC_000019.9
cg00461022	1.32E-15	4.18E-17	9.24	27.9690652	1.21E-01	16618052	16618175	NC_000005.9
cg23771603	1.32E-15	4.18E-17	9.24	27.9688825	2.53E-01	26223310	26223433	NC_000010.10
cg00897799	1.32E-15	4.18E-17	9.24	27.9681262	9.84E-02	47367897	47368020	NC_000013.10
cg13542964	1.32E-15	4.18E-17	9.24	27.9675744	2.06E-01	10458667	10458790	NC_000004.11
cg14633892	1.32E-15	4.19E-17	9.24	27.9663825	1.08E-01	56810749	56810872	NC_000003.11
cg22546168	1.32E-15	4.19E-17	9.24	27.9652352	1.94E-01	135050326	135050449	NC_000010.10
cg25685456	1.33E-15	4.21E-17	9.24	27.9612483	8.78E-02	143269881	143270004	NC_000006.11
cg09083627	1.33E-15	4.21E-17	9.24	27.9608012	2.76E-01	88324597	88324720	NC_000013.10
cg09159223	1.33E-15	4.22E-17	9.24	27.9595272	8.03E-02	36018688	36018811	NC_000007.13
cg03483150	1.33E-15	4.22E-17	9.24	27.959358	2.01E-01	57358651	57358774	NC_000008.10
cg25886621	1.33E-15	4.22E-17	9.24	27.9581726	1.66E-01	93130251	93130374	NC_000012.11
cg16635592	1.33E-15	4.23E-17	9.24	27.9561562	1.36E-01	66870371	66870494	NC_000003.11
cg02391713	1.34E-15	4.25E-17	9.24	27.950565	2.61E-01	105400985	105401108	NC_000006.11
cg24979233	1.34E-15	4.26E-17	9.24	27.949684	1.30E-01	1800284	1800407	NC_000004.11
cg24703706	1.35E-15	4.28E-17	9.24	27.9455598	1.13E-01	47408658	47408781	NC_000007.13
cg17697739	1.35E-15	4.28E-17	9.24	27.9453501	1.26E-01	1873340	1873463	NC_000006.11
cg05131623	1.35E-15	4.28E-17	9.24	27.9451254	2.72E-01	179755285	179755408	NC_000003.11
cg24610236	1.35E-15	4.28E-17	9.24	27.943838	3.41E-01	30722114	30722237	NC_000007.13

cg21511365	1.35E-15	4.29E-17	9.24	27.9419275	2.36E-01	9763739	9763862	NC_000008.10
cg08753373	1.35E-15	4.30E-17	9.24	27.940464	2.60E-01	134000124	134000247	NC_000010.10
cg26790818	1.35E-15	4.30E-17	9.24	27.9394488	1.21E-01	187786456	187786579	NC_000003.11
cg17653824	1.35E-15	4.30E-17	9.24	27.9390907	1.64E-01	5153054	5153177	NC_000012.11
cg04596004	1.36E-15	4.31E-17	9.24	27.936874	1.81E-01	112710155	112710278	NC_000013.10
cg15554023	1.36E-15	4.33E-17	9.24	27.9322332	1.63E-01	144008937	144009060	NC_000001.10
cg11137321	1.36E-15	4.34E-17	9.24	27.9308853	6.90E-02	148010015	148010138	NC_000001.10
cg09971562	1.37E-15	4.35E-17	9.24	27.9296054	1.33E-01	128694679	128694802	NC_000011.9
cg05718036	1.37E-15	4.35E-17	9.24	27.929019	2.68E-01	81952593	81952716	NC_000004.11
cg13814720	1.37E-15	4.36E-17	9.24	27.9267231	6.64E-02	91193175	91193298	NC_000009.11
cg12658374	1.37E-15	4.36E-17	9.24	27.92654	1.23E-01	37323563	37323686	NC_000017.10
cg11438428	1.37E-15	4.36E-17	9.24	27.9258834	1.90E-01	23481594	23481717	NC_000010.10
cg14601251	1.37E-15	4.36E-17	9.24	27.9258734	6.35E-02	65913984	65914107	NC_000015.9
cg15732768	1.37E-15	4.37E-17	9.24	27.9249612	1.97E-01	96651537	96651660	NC_000007.13
cg18785679	1.37E-15	4.37E-17	9.24	27.9243831	1.58E-01	135032504	135032627	NC_000010.10
cg04733537	1.37E-15	4.38E-17	9.24	27.9226502	2.15E-01	130388748	130388871	NC_000012.11
cg26123532	1.37E-15	4.38E-17	9.24	27.922286	8.64E-02	158027027	158027150	NC_000002.11
cg01993818	1.38E-15	4.38E-17	9.24	27.9217115	1.27E-01	34270437	34270560	NC_000014.8
cg00886598	1.38E-15	4.38E-17	9.24	27.9209165	1.09E-01	42812844	42812967	NC_000005.9
cg11302943	1.38E-15	4.40E-17	9.23	27.9179678	2.33E-01	99790596	99790719	NC_000010.10
cg04039957	1.38E-15	4.40E-17	9.23	27.9176871	1.08E-01	143013207	143013330	NC_000007.13
cg03708680	1.38E-15	4.40E-17	9.23	27.9163029	1.08E-01	134829025	134829148	NC_000010.10
cg25981315	1.39E-15	4.44E-17	9.23	27.908727	1.62E-01	39806701	39806824	NC_000008.10
cg17397592	1.39E-15	4.44E-17	9.23	27.9082969	2.14E-01	237416338	237416461	NC_000002.11
cg26789064	1.39E-15	4.44E-17	9.23	27.9073227	2.19E-01	4866130	4866253	NC_000004.11

cg16054280	1.39E-15	4.45E-17	9.23	27.9066789	1.41E-01	122517974	122518097	NC_000003.11
cg16151651	1.40E-15	4.46E-17	9.23	27.9047453	1.56E-01	1609119	1609242	NC_000002.11
cg27180492	1.40E-15	4.47E-17	9.23	27.9022137	1.73E-01	27442106	27442229	NC_000006.11
cg08223984	1.40E-15	4.47E-17	9.23	27.9020054	1.09E-01	195476016	195476139	NC_000003.11
cg27516568	1.40E-15	4.47E-17	9.23	27.9014563	1.64E-01	122686667	122686790	NC_000004.11
cg18812579	1.40E-15	4.47E-17	9.23	27.9012386	9.04E-02	85906252	85906375	NC_000011.9
cg06755297	1.40E-15	4.48E-17	9.23	27.8989974	3.78E-02	220441097	220441220	NC_000001.10
cg09639715	1.41E-15	4.48E-17	9.23	27.8984106	1.03E-01	42994008	42994131	NC_000017.10
cg18249634	1.41E-15	4.49E-17	9.23	27.8979954	2.43E-01	32860467	32860590	NC_000003.11
cg23619431	1.41E-15	4.52E-17	9.23	27.891479	8.67E-02	74536068	74536191	NC_000017.10
cg01525538	1.42E-15	4.54E-17	9.23	27.8865702	1.71E-01	228785987	228786110	NC_000001.10
cg03323462	1.42E-15	4.54E-17	9.23	27.886233	1.95E-01	35300677	35300800	NC_000017.10
cg21585100	1.42E-15	4.55E-17	9.23	27.8844075	1.31E-01	55922747	55922870	NC_000018.9
cg07603511	1.42E-15	4.55E-17	9.23	27.8842813	1.69E-01	174160335	174160458	NC_000005.9
cg25445101	1.44E-15	4.59E-17	9.23	27.8752941	8.02E-02	26878566	26878689	NC_000017.10
cg21883598	1.44E-15	4.59E-17	9.23	27.8742873	1.91E-01	45404157	45404280	NC_000015.9
cg16171849	1.44E-15	4.60E-17	9.23	27.8739587	1.56E-01	139254260	139254383	NC_000003.11
cg24872610	1.44E-15	4.61E-17	9.23	27.8721276	1.57E-01	3158994	3159117	NC_000010.10
cg20977794	1.44E-15	4.61E-17	9.23	27.8713136	2.03E-01	51560748	51560871	NC_000014.8
cg02941135	1.45E-15	4.64E-17	9.23	27.8647114	1.16E-01	81122314	81122437	NC_000004.11
cg14110073	1.45E-15	4.64E-17	9.23	27.8638343	2.99E-01	51071328	51071451	NC_000019.9
cg07605229	1.45E-15	4.65E-17	9.23	27.8629644	1.56E-01	210467524	210467647	NC_000002.11
cg27140914	1.45E-15	4.65E-17	9.23	27.8628732	1.67E-01	39095348	39095471	NC_000003.11
cg02011374	1.46E-15	4.68E-17	9.23	27.8552144	1.95E-01	1761780	1761903	NC_000019.9
cg00503840	1.47E-15	4.69E-17	9.22	27.8531244	1.55E-01	96650509	96650632	NC_000007.13

cg17108209	1.47E-15	4.70E-17	9.22	27.8527625	9.68E-02	117484306	117484429	NC_000012.11
cg05028087	1.47E-15	4.70E-17	9.22	27.8516328	2.77E-01	2757221	2757344	NC_000005.9
cg12485185	1.47E-15	4.72E-17	9.22	27.8486849	2.25E-01	34782820	34782943	NC_000015.9
cg03075662	1.47E-15	4.72E-17	9.22	27.846794	5.47E-02	146213648	146213771	NC_000003.11
cg21036840	1.49E-15	4.77E-17	9.22	27.8382866	7.37E-02	169400357	169400480	NC_000006.11
cg05829782	1.49E-15	4.77E-17	9.22	27.8373002	3.02E-01	74707911	74708034	NC_000014.8
cg14093715	1.49E-15	4.78E-17	9.22	27.8349552	2.43E-01	126776180	126776303	NC_000009.11
cg07880943	1.49E-15	4.78E-17	9.22	27.834793	1.46E-01	46744500	46744623	NC_000013.10
cg17537177	1.49E-15	4.79E-17	9.22	27.8329354	2.46E-01	130646129	130646252	NC_000012.11
cg16206460	1.49E-15	4.79E-17	9.22	27.8326783	2.97E-01	15580700	15580823	NC_000019.9
cg04474190	1.50E-15	4.83E-17	9.22	27.8255583	1.39E-01	188868788	188868911	NC_000003.11
cg26709285	1.51E-15	4.84E-17	9.22	27.8228612	1.75E-01	48099146	48099269	NC_000020.10
cg05770240	1.51E-15	4.85E-17	9.22	27.8213745	9.64E-02	124502244	124502367	NC_000011.9
cg16348470	1.51E-15	4.86E-17	9.22	27.8189288	2.31E-01	34642609	34642732	NC_000001.10
cg04672706	1.52E-15	4.88E-17	9.22	27.8150781	2.14E-01	55370423	55370546	NC_000008.10
cg05037662	1.52E-15	4.88E-17	9.22	27.8147055	2.15E-01	25704296	25704419	NC_000016.9
cg22868282	1.53E-15	4.90E-17	9.22	27.8107381	2.37E-01	47224954	47225077	NC_000012.11
cg24073466	1.53E-15	4.90E-17	9.22	27.8098483	2.50E-01	60937031	60937154	NC_000010.10
cg26149275	1.53E-15	4.91E-17	9.22	27.8092072	1.94E-01	176950007	176950130	NC_000002.11
cg21719361	1.53E-15	4.92E-17	9.22	27.8070409	1.51E-01	50944355	50944478	NC_000022.10
cg18239431	1.53E-15	4.92E-17	9.22	27.8058668	1.60E-01	25898220	25898343	NC_000008.10
cg14600384	1.53E-15	4.93E-17	9.22	27.805036	1.11E-01	131769364	131769487	NC_000012.11
cg22879667	1.54E-15	4.94E-17	9.22	27.802323	1.86E-01	4868441	4868564	NC_000004.11
cg18771839	1.55E-15	4.97E-17	9.22	27.7965297	5.36E-02	69931206	69931329	NC_000011.9
cg06972213	1.55E-15	4.98E-17	9.22	27.7955302	1.12E-01	39643395	39643518	NC_000017.10

cg16015712	1.55E-15	4.99E-17	9.22	27.7917654	2.38E-01	53308597	53308720	NC_000001.10
cg05659097	1.56E-15	5.02E-17	9.21	27.7869394	2.76E-01	2757244	2757367	NC_000005.9
cg16197717	1.57E-15	5.05E-17	9.21	27.7805398	1.89E-01	125650957	125651080	NC_000010.10
cg16437087	1.58E-15	5.10E-17	9.21	27.7719749	7.82E-02	193919045	193919168	NC_000003.11
cg05350411	1.58E-15	5.10E-17	9.21	27.7716787	2.00E-01	569174	569297	NC_000004.11
cg11121935	1.59E-15	5.11E-17	9.21	27.7700197	1.15E-01	105359964	105360087	NC_000014.8
cg09409539	1.59E-15	5.11E-17	9.21	27.7687971	1.88E-01	95664243	95664366	NC_000002.11
cg20230721	1.59E-15	5.13E-17	9.21	27.7647916	3.32E-01	93519855	93519978	NC_000007.13
cg20073893	1.60E-15	5.14E-17	9.21	27.7627709	1.51E-01	22945457	22945580	NC_000014.8
cg20121142	1.61E-15	5.18E-17	9.21	27.7563242	2.21E-01	19158001	19158124	NC_000007.13
cg25778535	1.61E-15	5.18E-17	9.21	27.7561988	2.69E-01	8190572	8190695	NC_000011.9
cg25656283	1.61E-15	5.20E-17	9.21	27.7512774	1.23E-01	50733196	50733319	NC_000010.10
cg02111741	1.61E-15	5.20E-17	9.21	27.751204	1.10E-01	26683554	26683677	NC_000017.10
cg24526587	1.62E-15	5.22E-17	9.21	27.748237	9.50E-02	164587676	164587799	NC_000001.10
cg11739399	1.62E-15	5.22E-17	9.21	27.7480422	1.53E-01	206669785	206669908	NC_000001.10
cg14923370	1.62E-15	5.22E-17	9.21	27.7479398	1.25E-01	134622540	134622663	NC_000010.10
cg09774787	1.62E-15	5.23E-17	9.21	27.746831	2.76E-01	55690381	55690504	NC_000016.9
cg06455422	1.63E-15	5.25E-17	9.21	27.7423393	1.88E-01	98875360	98875483	NC_000013.10
cg04246113	1.63E-15	5.26E-17	9.21	27.7413088	1.80E-01	120316152	120316275	NC_000001.10
cg05959346	1.65E-15	5.31E-17	9.21	27.7309543	1.31E-01	40102679	40102802	NC_000001.10
cg11233163	1.66E-15	5.34E-17	9.2	27.7253714	1.89E-01	23955549	23955672	NC_000003.11
cg11898646	1.68E-15	5.41E-17	9.2	27.7126888	1.62E-01	158522427	158522550	NC_000005.9
cg27456185	1.68E-15	5.42E-17	9.2	27.7117296	1.77E-01	93196011	93196134	NC_000015.9
cg00082664	1.68E-15	5.42E-17	9.2	27.7099529	2.78E-01	154710796	154710919	NC_000004.11
cg20044410	1.68E-15	5.43E-17	9.2	27.7094694	2.14E-01	10463350	10463473	NC_000004.11

cg18322569	1.69E-15	5.45E-17	9.2	27.7053896	2.43E-01	91182777	91182900	NC_000001.10
cg14384093	1.69E-15	5.45E-17	9.2	27.7046062	1.79E-01	111878565	111878688	NC_000009.11
cg27546237	1.69E-15	5.47E-17	9.2	27.7012103	2.47E-01	110960452	110960575	NC_000013.10
cg26354128	1.69E-15	5.48E-17	9.2	27.7006815	2.58E-01	93897195	93897318	NC_000014.8
cg21852408	1.70E-15	5.48E-17	9.2	27.7001764	2.26E-01	109294190	109294313	NC_000011.9
cg16006349	1.70E-15	5.48E-17	9.2	27.6993945	1.94E-01	54360460	54360583	NC_000012.11
cg25001845	1.70E-15	5.50E-17	9.2	27.6965704	6.21E-02	75201709	75201832	NC_000014.8
cg21236414	1.71E-15	5.52E-17	9.2	27.6932122	1.19E-01	894185	894308	NC_000004.11
cg24471254	1.72E-15	5.58E-17	9.2	27.6819918	1.87E-01	100253792	100253915	NC_000007.13
cg25789533	1.73E-15	5.59E-17	9.2	27.6807449	9.04E-02	47104483	47104606	NC_000019.9
cg17326994	1.73E-15	5.60E-17	9.2	27.6789864	6.78E-02	32511779	32511902	NC_000017.10
cg27504802	1.73E-15	5.61E-17	9.2	27.6773545	2.70E-01	231298651	231298774	NC_000001.10
cg01627492	1.73E-15	5.61E-17	9.2	27.6770942	6.95E-02	18916400	18916523	NC_000017.10
cg15861694	1.73E-15	5.61E-17	9.2	27.677067	7.10E-02	2706745	2706868	NC_000011.9
cg05292954	1.73E-15	5.61E-17	9.2	27.6764356	2.94E-01	57050620	57050743	NC_000019.9
cg13894719	1.73E-15	5.62E-17	9.2	27.675552	1.09E-01	56534223	56534346	NC_000004.11
cg22164539	1.74E-15	5.64E-17	9.2	27.6709439	9.31E-02	32081613	32081736	NC_000006.11
cg10377644	1.76E-15	5.68E-17	9.2	27.6636635	3.35E-02	590582	590705	NC_000016.9
cg20051292	1.76E-15	5.70E-17	9.2	27.6617273	2.17E-01	101118512	101118635	NC_000008.10
cg03025148	1.77E-15	5.72E-17	9.19	27.6576424	5.40E-02	26936997	26937120	NC_000022.10
cg19725343	1.77E-15	5.74E-17	9.19	27.653587	2.85E-01	51830960	51831083	NC_000019.9
cg14820653	1.78E-15	5.76E-17	9.19	27.6505256	6.02E-02	173046018	173046141	NC_000002.11
cg24954895	1.79E-15	5.79E-17	9.19	27.6454812	2.24E-01	140800761	140800884	NC_000005.9
cg06239593	1.79E-15	5.82E-17	9.19	27.6402007	7.00E-02	130748639	130748762	NC_000003.11
cg05587627	1.80E-15	5.83E-17	9.19	27.6390849	1.79E-01	118657363	118657486	NC_000011.9

cg09441069	1.80E-15	5.84E-17	9.19	27.6367976	1.25E-01	47569479	47569602	NC_000021.8
cg07336617	1.80E-15	5.85E-17	9.19	27.6347658	1.77E-01	76935080	76935203	NC_000005.9
cg27635976	1.82E-15	5.91E-17	9.19	27.6245406	1.55E-01	88984067	88984190	NC_000016.9
cg23202496	1.83E-15	5.93E-17	9.19	27.6219918	6.41E-02	35488318	35488441	NC_000020.10
cg09017619	1.83E-15	5.95E-17	9.19	27.6187756	2.49E-01	27196320	27196443	NC_000007.13
cg04658772	1.83E-15	5.96E-17	9.19	27.6172531	2.13E-01	77822433	77822556	NC_000016.9
cg18490614	1.84E-15	5.97E-17	9.19	27.6147348	1.65E-01	27213362	27213485	NC_000015.9
cg14804903	1.84E-15	5.99E-17	9.19	27.6122288	1.24E-01	86418754	86418877	NC_000002.11
cg14936938	1.84E-15	5.99E-17	9.19	27.6114991	1.91E-01	122118171	122118294	NC_000008.10
cg09693765	1.85E-15	6.00E-17	9.19	27.61014	1.12E-01	45075639	45075762	NC_000021.8
cg06998224	1.85E-15	6.03E-17	9.19	27.6060052	1.29E-01	128113907	128114030	NC_000005.9
cg15992648	1.86E-15	6.06E-17	9.19	27.6004045	1.05E-01	155640784	155640907	NC_000007.13
cg07803375	1.88E-15	6.12E-17	9.18	27.5907936	2.49E-01	811206	811329	NC_000007.13
cg01559597	1.88E-15	6.12E-17	9.18	27.5905636	1.32E-01	14716193	14716316	NC_000006.11
cg07831164	1.88E-15	6.13E-17	9.18	27.5884957	1.51E-01	10836225	10836348	NC_000016.9
cg11947981	1.88E-15	6.14E-17	9.18	27.5880775	2.77E-01	182322749	182322872	NC_000002.11
cg09252495	1.89E-15	6.14E-17	9.18	27.5870646	2.52E-01	21503898	21504021	NC_000020.10
cg10527010	1.91E-15	6.22E-17	9.18	27.5751907	2.21E-01	10857795	10857918	NC_000003.11
cg09193347	1.92E-15	6.25E-17	9.18	27.5703832	1.96E-01	79381867	79381990	NC_000015.9
cg27096416	1.92E-15	6.26E-17	9.18	27.5688437	6.97E-02	140599947	140600070	NC_000007.13
cg04107939	1.92E-15	6.27E-17	9.18	27.5664759	2.06E-01	171520494	171520617	NC_000003.11
cg13989664	1.93E-15	6.28E-17	9.18	27.5644432	1.86E-01	126374295	126374418	NC_000012.11
cg20812722	1.93E-15	6.29E-17	9.18	27.5633392	1.05E-01	25525951	25526074	NC_000001.10
cg27065876	1.93E-15	6.29E-17	9.18	27.5627616	1.01E-01	1840421	1840544	NC_000016.9
cg25356621	1.93E-15	6.31E-17	9.18	27.5610307	8.06E-02	74686282	74686405	NC_000012.11

cg08063125	1.94E-15	6.32E-17	9.18	27.5592721	2.89E-01	56989543	56989666	NC_000019.9
cg00293996	1.94E-15	6.32E-17	9.18	27.5583334	1.07E-01	37915391	37915514	NC_000021.8
cg07040894	1.94E-15	6.33E-17	9.18	27.55779	1.02E-01	128291985	128292108	NC_000002.11
cg04194947	1.95E-15	6.37E-17	9.18	27.5511702	1.81E-01	177012191	177012314	NC_000002.11
cg22931725	1.95E-15	6.37E-17	9.18	27.5503213	1.65E-01	240255627	240255750	NC_000001.10
cg26437826	1.96E-15	6.39E-17	9.18	27.5482555	1.81E-01	76936361	76936484	NC_000005.9
cg02459519	1.96E-15	6.39E-17	9.18	27.5481499	8.27E-02	62401855	62401978	NC_000017.10
cg08214995	1.96E-15	6.41E-17	9.18	27.545271	1.75E-01	22826243	22826366	NC_000016.9
cg20463526	1.96E-15	6.41E-17	9.18	27.5449955	2.85E-01	91191001	91191124	NC_000001.10
cg03834919	1.97E-15	6.43E-17	9.18	27.5422987	1.58E-01	862427	862550	NC_000007.13
cg04522596	1.97E-15	6.43E-17	9.18	27.5413714	1.64E-01	98878060	98878183	NC_000012.11
cg05201777	1.97E-15	6.44E-17	9.18	27.5409455	1.31E-01	112598561	112598684	NC_000010.10
cg02387745	1.97E-15	6.44E-17	9.18	27.5406994	1.45E-01	74317457	74317580	NC_000004.11
cg27630192	1.97E-15	6.44E-17	9.18	27.5404777	1.48E-01	108213750	108213873	NC_000007.13
cg06399302	1.98E-15	6.46E-17	9.18	27.5375917	2.46E-01	34113214	34113337	NC_000019.9
cg23491743	1.98E-15	6.46E-17	9.18	27.5364982	1.55E-01	241989271	241989394	NC_000002.11
cg04870949	1.98E-15	6.47E-17	9.18	27.536308	1.24E-01	114109857	114109980	NC_000013.10
cg17074989	1.99E-15	6.50E-17	9.17	27.5305631	1.51E-01	58880752	58880875	NC_000015.9
cg04900080	2.00E-15	6.53E-17	9.17	27.5263948	1.79E-01	229570665	229570788	NC_000001.10
cg15418593	2.00E-15	6.53E-17	9.17	27.5257292	1.70E-01	97492133	97492256	NC_000014.8
cg04342092	2.00E-15	6.54E-17	9.17	27.5256451	2.11E-01	58095468	58095591	NC_000019.9
cg14801038	2.00E-15	6.54E-17	9.17	27.5252746	1.67E-01	134214307	134214430	NC_000006.11
cg18877506	2.00E-15	6.54E-17	9.17	27.5250897	2.18E-01	13910555	13910678	NC_000001.10
cg27557796	2.01E-15	6.57E-17	9.17	27.5199657	7.98E-02	31688702	31688825	NC_000006.11
cg21126583	2.01E-15	6.57E-17	9.17	27.5199398	2.90E-01	145813421	145813544	NC_000007.13



cg03225817	2.01E-15	6.59E-17	9.17	27.5174894	2.52E-01	105481317	105481440	NC_000011.9
cg08291024	2.02E-15	6.60E-17	9.17	27.5154003	2.26E-01	165324411	165324534	NC_000001.10
cg25372296	2.02E-15	6.60E-17	9.17	27.5152947	2.04E-01	98510328	98510451	NC_000001.10
cg06012215	2.02E-15	6.62E-17	9.17	27.5122285	1.12E-01	111216867	111216990	NC_000010.10
cg14838600	2.03E-15	6.66E-17	9.17	27.5069998	1.32E-01	151442967	151443090	NC_000007.13
cg22190437	2.04E-15	6.68E-17	9.17	27.5038491	1.84E-01	229045417	229045540	NC_000002.11
cg18790597	2.04E-15	6.70E-17	9.17	27.501416	2.44E-01	17783331	17783454	NC_000004.11
cg27369542	2.05E-15	6.70E-17	9.17	27.5004579	9.38E-02	14207890	14208013	NC_000017.10
cg01468220	2.05E-15	6.71E-17	9.17	27.5002939	1.40E-01	779026	779149	NC_000016.9
cg23291280	2.05E-15	6.71E-17	9.17	27.4996426	2.15E-01	31847970	31848093	NC_000019.9
cg08720786	2.05E-15	6.72E-17	9.17	27.497723	1.06E-01	48981581	48981704	NC_000010.10
cg16887264	2.05E-15	6.72E-17	9.17	27.4975467	2.28E-01	147561775	147561898	NC_000004.11
cg17029354	2.06E-15	6.77E-17	9.17	27.4911248	2.07E-01	115134904	115135027	NC_000012.11
cg05415871	2.06E-15	6.77E-17	9.17	27.4900424	1.76E-01	1008188	1008311	NC_000008.10
cg10640072	2.07E-15	6.78E-17	9.17	27.4896238	1.74E-01	99985888	99986011	NC_000008.10
cg02765535	2.07E-15	6.78E-17	9.17	27.4895987	1.43E-01	96149803	96149926	NC_000012.11
cg21782511	2.07E-15	6.79E-17	9.17	27.4882582	6.67E-02	1808376	1808499	NC_000004.11
cg00160886	2.07E-15	6.80E-17	9.17	27.4864565	1.34E-01	157216105	157216228	NC_000003.11
cg00017437	2.08E-15	6.84E-17	9.17	27.4811533	2.00E-01	2706335	2706458	NC_000001.10
cg00853103	2.08E-15	6.84E-17	9.17	27.4804578	2.17E-01	6533789	6533912	NC_000016.9
cg01970904	2.09E-15	6.86E-17	9.17	27.4778377	1.35E-01	172014013	172014136	NC_000002.11
cg01826138	2.09E-15	6.87E-17	9.17	27.4767368	4.39E-02	181843183	181843306	NC_000002.11
cg04618897	2.10E-15	6.90E-17	9.17	27.4724284	6.91E-02	4829256	4829379	NC_000007.13
cg13211324	2.11E-15	6.95E-17	9.16	27.4648405	1.37E-01	113373736	113373859	NC_000003.11
cg06896909	2.11E-15	6.95E-17	9.16	27.4646483	1.64E-01	19813297	19813420	NC_000007.13

cg16782974	2.12E-15	6.95E-17	9.16	27.464247	1.35E-01	98290350	98290473	NC_000010.10
cg03018771	2.12E-15	6.96E-17	9.16	27.4638811	1.56E-01	27940619	27940742	NC_000001.10
cg14477581	2.12E-15	6.97E-17	9.16	27.4618641	1.25E-01	72899321	72899444	NC_000009.11
cg18670076	2.12E-15	6.97E-17	9.16	27.4616426	1.12E-01	189675162	189675285	NC_000003.11
cg05656251	2.13E-15	6.99E-17	9.16	27.4588322	6.86E-02	3125906	3126029	NC_000001.10
cg18729001	2.13E-15	7.02E-17	9.16	27.4546645	1.99E-01	45443808	45443931	NC_000012.11
cg12062936	2.14E-15	7.04E-17	9.16	27.4516867	1.24E-01	18801087	18801210	NC_000007.13
cg23208513	2.14E-15	7.05E-17	9.16	27.4508878	2.18E-01	101118377	101118500	NC_000008.10
cg26024843	2.14E-15	7.06E-17	9.16	27.4498672	2.30E-01	137533949	137534072	NC_000009.11
cg06674731	2.15E-15	7.06E-17	9.16	27.4488508	1.83E-01	154335014	154335137	NC_000002.11
cg17762554	2.15E-15	7.07E-17	9.16	27.4483235	1.54E-01	112435953	112436076	NC_000002.11
cg02497558	2.15E-15	7.07E-17	9.16	27.4474411	1.27E-01	46608570	46608693	NC_000017.10
cg23254031	2.16E-15	7.10E-17	9.16	27.4436506	1.94E-01	48144765	48144888	NC_000014.8
cg26831087	2.16E-15	7.12E-17	9.16	27.4408388	1.23E-01	1259070	1259193	NC_000001.10
cg17951138	2.16E-15	7.12E-17	9.16	27.4401955	2.03E-01	92908392	92908515	NC_000005.9
cg24741563	2.16E-15	7.13E-17	9.16	27.439679	9.21E-02	58545335	58545458	NC_000017.10
cg09537792	2.17E-15	7.15E-17	9.16	27.4372509	1.32E-01	89438892	89439015	NC_000016.9
cg14446622	2.19E-15	7.21E-17	9.16	27.4288643	8.07E-02	100894501	100894624	NC_000009.11
cg02390588	2.19E-15	7.22E-17	9.16	27.4272792	9.62E-02	53722253	53722376	NC_000012.11
cg15867939	2.21E-15	7.27E-17	9.16	27.4195989	1.97E-01	140770523	140770646	NC_000003.11
cg09619271	2.21E-15	7.28E-17	9.16	27.4185619	2.32E-01	45961289	45961412	NC_000007.13
cg15965716	2.21E-15	7.29E-17	9.16	27.4173823	1.62E-01	164688315	164688438	NC_000001.10
cg25020820	2.23E-15	7.34E-17	9.16	27.4100996	1.00E-01	43230751	43230874	NC_000006.11
cg06915270	2.23E-15	7.36E-17	9.16	27.4087113	7.04E-02	183891360	183891483	NC_000001.10
cg08530237	2.26E-15	7.45E-17	9.15	27.3957946	2.45E-01	22094563	22094686	NC_000012.11

cg14685796	2.27E-15	7.49E-17	9.15	27.3911406	1.94E-01	50265660	50265783	NC_000005.9
cg02438611	2.27E-15	7.49E-17	9.15	27.3904954	1.77E-01	55828107	55828230	NC_000017.10
cg07990546	2.27E-15	7.51E-17	9.15	27.3885544	2.30E-01	74742309	74742432	NC_000002.11
cg17486097	2.28E-15	7.53E-17	9.15	27.3851515	1.87E-01	35093411	35093534	NC_000008.10
cg04618528	2.28E-15	7.54E-17	9.15	27.3842788	5.31E-02	39645876	39645999	NC_000017.10
cg06310816	2.28E-15	7.54E-17	9.15	27.3838879	2.63E-01	42267719	42267842	NC_000007.13
cg03714619	2.28E-15	7.54E-17	9.15	27.3837825	2.61E-01	45160445	45160568	NC_000002.11
cg00246932	2.28E-15	7.54E-17	9.15	27.3836219	2.78E-01	56228498	56228621	NC_000016.9
cg00581154	2.28E-15	7.55E-17	9.15	27.3828187	1.47E-01	3123695	3123818	NC_000001.10
cg24873562	2.29E-15	7.55E-17	9.15	27.3822022	2.50E-01	124902349	124902472	NC_000010.10
cg14078092	2.29E-15	7.58E-17	9.15	27.3792369	9.49E-02	123463530	123463653	NC_000012.11
cg07583894	2.29E-15	7.58E-17	9.15	27.3792178	2.58E-01	12936512	12936635	NC_000019.9
cg25573386	2.29E-15	7.58E-17	9.15	27.3782902	1.47E-01	18890579	18890702	NC_000012.11
cg16242629	2.30E-15	7.60E-17	9.15	27.3760017	2.05E-01	30354246	30354369	NC_000012.11
cg22177840	2.30E-15	7.61E-17	9.15	27.3750726	1.05E-01	90139296	90139419	NC_000003.11
cg07960450	2.30E-15	7.61E-17	9.15	27.3747568	1.91E-01	45614300	45614423	NC_000007.13
cg00848392	2.32E-15	7.66E-17	9.15	27.3683786	1.27E-01	31734401	31734524	NC_000006.11
cg01360618	2.32E-15	7.66E-17	9.15	27.3682066	2.89E-01	69591659	69591782	NC_000003.11
cg07132449	2.32E-15	7.69E-17	9.15	27.3650496	4.41E-02	189432110	189432233	NC_000003.11
cg01359200	2.33E-15	7.71E-17	9.15	27.3621086	7.87E-02	194763212	194763335	NC_000003.11
cg08358166	2.33E-15	7.72E-17	9.15	27.3609146	2.37E-01	18538271	18538394	NC_000017.10
cg10827094	2.33E-15	7.73E-17	9.15	27.3597128	1.37E-01	117468061	117468184	NC_000012.11
cg26483578	2.34E-15	7.76E-17	9.15	27.3558749	2.80E-01	130686708	130686831	NC_000006.11
cg14135814	2.35E-15	7.78E-17	9.15	27.3535805	2.36E-01	119419329	119419452	NC_000012.11
cg15440688	2.35E-15	7.79E-17	9.15	27.3517029	1.55E-01	95237637	95237760	NC_000014.8

cg21528112	2.36E-15	7.81E-17	9.15	27.3492384	2.29E-01	11034978	11035101	NC_000003.11
cg09243147	2.36E-15	7.82E-17	9.15	27.3476898	8.34E-02	101399998	101400121	NC_000003.11
cg11877129	2.37E-15	7.86E-17	9.15	27.3427321	2.32E-01	128752356	128752479	NC_000012.11
cg15383705	2.37E-15	7.87E-17	9.15	27.3419653	1.17E-01	114699120	114699243	NC_000010.10
cg04223420	2.38E-15	7.87E-17	9.15	27.3412862	1.98E-01	134363877	134364000	NC_000005.9
cg01382072	2.38E-15	7.89E-17	9.14	27.3394066	1.23E-01	86787277	86787400	NC_000016.9
cg26452056	2.38E-15	7.90E-17	9.14	27.338196	2.04E-01	131770909	131771032	NC_000010.10
cg07502829	2.39E-15	7.94E-17	9.14	27.333583	1.66E-01	112708288	112708411	NC_000013.10
cg02667667	2.41E-15	8.00E-17	9.14	27.3257518	2.67E-01	56228505	56228628	NC_000016.9
cg27615388	2.42E-15	8.02E-17	9.14	27.323328	2.02E-01	63257092	63257215	NC_000005.9
cg21488279	2.42E-15	8.02E-17	9.14	27.3228154	1.13E-01	122434178	122434301	NC_000005.9
cg05471296	2.42E-15	8.03E-17	9.14	27.3216856	2.62E-01	27196302	27196425	NC_000007.13
cg00840332	2.43E-15	8.05E-17	9.14	27.3190753	1.85E-01	127881269	127881392	NC_000007.13
cg01085837	2.44E-15	8.09E-17	9.14	27.314703	2.37E-01	22094461	22094584	NC_000012.11
cg26940910	2.44E-15	8.09E-17	9.14	27.314678	5.47E-02	206627837	206627960	NC_000001.10
cg17847723	2.44E-15	8.09E-17	9.14	27.3144127	1.95E-01	114075981	114076104	NC_000012.11
cg10379472	2.44E-15	8.10E-17	9.14	27.3134339	1.23E-01	71475452	71475575	NC_000016.9
cg05048377	2.44E-15	8.12E-17	9.14	27.3113464	2.06E-01	3237964	3238087	NC_000016.9
cg03356595	2.45E-15	8.14E-17	9.14	27.3086101	2.36E-01	51187807	51187930	NC_000016.9
cg20021204	2.46E-15	8.16E-17	9.14	27.3065006	1.08E-01	77413730	77413853	NC_000015.9
cg14650610	2.47E-15	8.19E-17	9.14	27.3019212	3.28E-01	136834492	136834615	NC_000005.9
cg07167946	2.47E-15	8.21E-17	9.14	27.3000711	1.89E-01	1878205	1878328	NC_000005.9
cg09683350	2.49E-15	8.27E-17	9.14	27.2925873	2.33E-01	89914466	89914589	NC_000015.9
cg14216068	2.49E-15	8.27E-17	9.14	27.2921921	1.85E-01	27146445	27146568	NC_000007.13
cg00393837	2.50E-15	8.31E-17	9.14	27.2883793	2.20E-01	105470050	105470173	NC_000002.11

cg26429655	2.50E-15	8.32E-17	9.14	27.2865562	2.79E-01	178772390	178772513	NC_000005.9
cg02264079	2.51E-15	8.35E-17	9.14	27.283111	1.54E-01	31053489	31053612	NC_000016.9
cg06898168	2.52E-15	8.39E-17	9.14	27.2779956	1.31E-01	5447353	5447476	NC_000007.13
cg09685096	2.53E-15	8.42E-17	9.13	27.2746275	1.25E-01	86157111	86157234	NC_000001.10
cg06410849	2.53E-15	8.43E-17	9.13	27.2741035	1.20E-01	66955988	66956111	NC_000016.9
cg22898797	2.54E-15	8.46E-17	9.13	27.2699747	2.86E-01	102484232	102484355	NC_000010.10
cg16577707	2.54E-15	8.47E-17	9.13	27.269603	6.08E-02	154181866	154181989	NC_000005.9
cg04134748	2.55E-15	8.48E-17	9.13	27.2678174	1.81E-01	3052175	3052298	NC_000001.10
cg19884262	2.57E-15	8.58E-17	9.13	27.2567831	1.97E-01	129535968	129536091	NC_000010.10
cg06888121	2.62E-15	8.72E-17	9.13	27.2407384	1.62E-01	27169068	27169191	NC_000007.13
cg23596808	2.63E-15	8.76E-17	9.13	27.2352737	5.92E-02	45349963	45350086	NC_000006.11
cg01206259	2.63E-15	8.77E-17	9.13	27.2348014	1.03E-01	121167974	121168097	NC_000010.10
cg03250019	2.64E-15	8.80E-17	9.13	27.2312351	2.14E-01	5197066	5197189	NC_000018.9
cg06488505	2.64E-15	8.80E-17	9.13	27.2310205	7.37E-02	28934075	28934198	NC_000017.10
cg13010161	2.64E-15	8.82E-17	9.13	27.2294284	1.42E-01	121488902	121489025	NC_000002.11
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cg22830113	2.66E-15	8.86E-17	9.13	27.2249179	3.44E-01	127783168	127783291	NC_000002.11
cg07745624	2.66E-15	8.88E-17	9.13	27.2219622	1.51E-01	21950952	21951075	NC_000004.11
cg23965109	2.66E-15	8.89E-17	9.13	27.2214861	8.80E-02	186739029	186739152	NC_000003.11
cg14306683	2.67E-15	8.89E-17	9.13	27.2208674	4.68E-02	43300632	43300755	NC_000022.10
cg01517185	2.67E-15	8.90E-17	9.13	27.2202472	5.95E-02	358490	358613	NC_000016.9
cg09522056	2.69E-15	8.99E-17	9.12	27.2105823	1.72E-01	31830979	31831102	NC_000016.9
cg01110440	2.69E-15	8.99E-17	9.12	27.2103821	1.35E-01	110707714	110707837	NC_000006.11
cg20457275	2.71E-15	9.05E-17	9.12	27.2031628	1.43E-01	1394071	1394194	NC_000006.11
cg13930388	2.71E-15	9.05E-17	9.12	27.2030858	1.34E-01	133799399	133799522	NC_000009.11

cg22717227	2.71E-15	9.06E-17	9.12	27.2028077	1.89E-01	50887568	50887691	NC_000010.10
cg17591595	2.72E-15	9.09E-17	9.12	27.19883	1.62E-01	27171051	27171174	NC_000007.13
cg23596233	2.72E-15	9.10E-17	9.12	27.1982385	2.80E-01	134281663	134281786	NC_000011.9
cg02854229	2.73E-15	9.11E-17	9.12	27.1969437	1.29E-01	101962994	101963117	NC_000014.8
cg04837847	2.74E-15	9.15E-17	9.12	27.1923868	1.14E-01	178482132	178482255	NC_000001.10
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cg06697380	2.75E-15	9.19E-17	9.12	27.1882982	1.09E-01	126634803	126634926	NC_000005.9
cg07876051	2.75E-15	9.21E-17	9.12	27.1867028	1.47E-01	3159145	3159268	NC_000010.10
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cg15230781	2.77E-15	9.26E-17	9.12	27.1811525	2.29E-01	37353700	37353823	NC_000020.10
cg11230940	2.77E-15	9.27E-17	9.12	27.179347	1.72E-01	3103774	3103897	NC_000005.9
cg07653901	2.78E-15	9.30E-17	9.12	27.1765527	1.11E-01	50250238	50250361	NC_000022.10
cg21313071	2.78E-15	9.31E-17	9.12	27.175247	1.38E-01	49640589	49640712	NC_000020.10
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cg09914742	2.83E-15	9.49E-17	9.12	27.1561554	2.08E-01	5296943	5297066	NC_000020.10
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cg01708273	2.84E-15	9.50E-17	9.12	27.1551314	2.02E-01	176974060	176974183	NC_000002.11
cg22445447	2.84E-15	9.51E-17	9.12	27.1547186	7.48E-02	41712591	41712714	NC_000015.9
cg22097425	2.84E-15	9.52E-17	9.12	27.1530921	2.50E-01	125774311	125774434	NC_000011.9
cg16615154	2.85E-15	9.55E-17	9.12	27.1501734	1.44E-01	40567553	40567676	NC_000006.11

cg17199800	2.86E-15	9.60E-17	9.11	27.1455952	2.21E-01	96632777	96632900	NC_000007.13
cg07730329	2.87E-15	9.63E-17	9.11	27.1424158	1.93E-01	140810137	140810260	NC_000005.9
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cg08837627	2.90E-15	9.74E-17	9.11	27.1307129	1.68E-01	22715300	22715423	NC_000019.9
cg25636182	2.91E-15	9.75E-17	9.11	27.1296736	1.32E-01	8122559	8122682	NC_000004.11
cg02746725	2.91E-15	9.75E-17	9.11	27.1295031	2.12E-01	177054306	177054429	NC_000002.11
cg18264383	2.92E-15	9.80E-17	9.11	27.1245341	3.00E-02	45730917	45731040	NC_000003.11
cg06099465	2.93E-15	9.84E-17	9.11	27.1210062	1.34E-01	1631034	1631157	NC_000017.10
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cg15413269	2.94E-15	9.89E-17	9.11	27.1161554	1.20E-01	106784011	106784134	NC_000008.10
cg15173079	2.95E-15	9.91E-17	9.11	27.1132661	8.53E-02	3154078	3154201	NC_000006.11
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cg19849478	2.97E-15	9.99E-17	9.11	27.1052726	1.41E-01	122592277	122592400	NC_000012.11
cg24899806	2.98E-15	1.00E-16	9.11	27.1040584	1.44E-01	119914282	119914405	NC_000007.13
cg00099240	2.98E-15	1.00E-16	9.11	27.1036429	1.41E-01	33454632	33454755	NC_000022.10
cg14768164	2.98E-15	1.00E-16	9.11	27.1017848	2.00E-01	145025049	145025172	NC_000002.11
cg00809969	2.98E-15	1.00E-16	9.11	27.1015257	1.42E-01	27181067	27181190	NC_000007.13
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cg15778457	3.00E-15	1.01E-16	9.11	27.0965123	2.48E-01	155165295	155165418	NC_000007.13
cg13320436	3.00E-15	1.01E-16	9.11	27.0951954	1.64E-01	55138014	55138137	NC_000008.10
cg04774711	3.01E-15	1.01E-16	9.11	27.0920314	2.16E-01	21684138	21684261	NC_000020.10
cg20014398	3.02E-15	1.01E-16	9.11	27.0902147	2.37E-01	31825792	31825915	NC_000011.9
cg23712342	3.03E-15	1.02E-16	9.11	27.0857961	2.02E-01	60936794	60936917	NC_000010.10
cg00955035	3.03E-15	1.02E-16	9.11	27.0846202	1.34E-01	233253378	233253501	NC_000002.11
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cg26960012	3.04E-15	1.02E-16	9.1	27.0833159	8.63E-02	2889915	2890038	NC_000016.9
cg21085022	3.04E-15	1.02E-16	9.1	27.0831817	1.62E-01	34648170	34648293	NC_000006.11
cg03585720	3.04E-15	1.02E-16	9.1	27.0803693	1.64E-01	235048762	235048885	NC_000001.10
cg00804525	3.05E-15	1.03E-16	9.1	27.0783196	1.31E-01	68943500	68943623	NC_000016.9
cg22990888	3.05E-15	1.03E-16	9.1	27.0780083	9.80E-02	30585904	30586027	NC_000008.10
cg03698009	3.06E-15	1.03E-16	9.1	27.0764815	2.35E-01	27204349	27204472	NC_000007.13
cg09061207	3.07E-15	1.04E-16	9.1	27.0703931	1.51E-01	31504181	31504304	NC_000006.11
cg25039722	3.07E-15	1.04E-16	9.1	27.0702618	2.45E-01	50236344	50236467	NC_000017.10
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cg18194945	3.08E-15	1.04E-16	9.1	27.0688314	2.02E-01	157820591	157820714	NC_000003.11
cg10067970	3.08E-15	1.04E-16	9.1	27.0678963	2.69E-01	95359666	95359789	NC_000013.10
cg09059319	3.09E-15	1.04E-16	9.1	27.0642032	1.68E-01	99986175	99986298	NC_000008.10
cg09726866	3.09E-15	1.04E-16	9.1	27.0641005	1.06E-01	79083545	79083668	NC_000004.11
cg06018240	3.10E-15	1.05E-16	9.1	27.0595597	6.76E-02	150768388	150768511	NC_000007.13
cg09088437	3.12E-15	1.05E-16	9.1	27.0539898	9.14E-02	109559012	109559135	NC_000002.11
cg00803758	3.12E-15	1.05E-16	9.1	27.0534687	1.64E-01	184539762	184539885	NC_000004.11
cg06638723	3.14E-15	1.06E-16	9.1	27.0481712	1.05E-01	186447018	186447141	NC_000001.10
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cg25817701	3.14E-15	1.06E-16	9.1	27.0463585	1.70E-01	2140143	2140266	NC_000007.13
cg09996597	3.15E-15	1.06E-16	9.1	27.0444136	1.76E-01	1844927	1845050	NC_000016.9
cg00371453	3.15E-15	1.06E-16	9.1	27.0428929	2.21E-01	7854482	7854605	NC_000019.9
cg14935646	3.19E-15	1.08E-16	9.1	27.0324286	1.51E-01	27215464	27215587	NC_000007.13
cg04922810	3.19E-15	1.08E-16	9.1	27.0323793	2.24E-01	30721888	30722011	NC_000007.13
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cg01597641	3.22E-15	1.09E-16	9.1	27.0226039	2.49E-01	155241970	155242093	NC_000007.13



cg03387135	3.22E-15	1.09E-16	9.1	27.0221767	2.57E-01	61809827	61809950	NC_000020.10
cg01534316	3.22E-15	1.09E-16	9.1	27.0208299	1.38E-01	112061221	112061344	NC_000001.10
cg04667180	3.22E-15	1.09E-16	9.09	27.0199222	1.08E-01	150389906	150390029	NC_000007.13
cg11426800	3.23E-15	1.09E-16	9.09	27.018653	1.43E-01	23710000	23710123	NC_000002.11
cg25818697	3.23E-15	1.09E-16	9.09	27.0178285	1.43E-01	69934795	69934918	NC_000011.9
cg06546806	3.23E-15	1.09E-16	9.09	27.0176171	2.73E-01	237078704	237078827	NC_000002.11
cg22721334	3.25E-15	1.10E-16	9.09	27.0108275	2.96E-01	58609618	58609741	NC_000019.9
cg26698580	3.25E-15	1.10E-16	9.09	27.0107291	8.11E-02	67695984	67696107	NC_000016.9
cg07402669	3.27E-15	1.11E-16	9.09	27.004572	2.17E-01	57090015	57090138	NC_000020.10
cg19343464	3.28E-15	1.11E-16	9.09	27.0017322	2.62E-01	105481509	105481632	NC_000011.9
cg08095196	3.28E-15	1.11E-16	9.09	27.0009232	2.41E-01	35047023	35047146	NC_000015.9
cg11267630	3.28E-15	1.11E-16	9.09	27.0000599	2.46E-01	46811527	46811650	NC_000017.10
cg16594299	3.29E-15	1.11E-16	9.09	26.998453	4.81E-02	40324054	40324177	NC_000001.10
cg26254045	3.29E-15	1.11E-16	9.09	26.9982555	1.73E-01	38886658	38886781	NC_000019.9
cg13721404	3.30E-15	1.12E-16	9.09	26.9953299	2.26E-01	31739202	31739325	NC_000018.9
cg09633129	3.30E-15	1.12E-16	9.09	26.9949675	5.04E-02	2936284	2936407	NC_000004.11
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cg09941601	3.31E-15	1.12E-16	9.09	26.9909427	1.72E-01	86606899	86607022	NC_000016.9
cg23086243	3.32E-15	1.12E-16	9.09	26.9885367	7.82E-02	34954931	34955054	NC_000017.10
cg23645199	3.33E-15	1.13E-16	9.09	26.9836713	1.83E-01	233498625	233498748	NC_000002.11
cg16422098	3.34E-15	1.13E-16	9.09	26.9823582	2.69E-01	15761881	15762004	NC_000010.10
cg23034757	3.35E-15	1.13E-16	9.09	26.9799742	1.99E-01	140787864	140787987	NC_000005.9
cg04902729	3.35E-15	1.14E-16	9.09	26.9780611	2.66E-01	181452707	181452830	NC_000001.10

cg02640173	3.36E-15	1.14E-16	9.09	26.9749037	9.75E-02	121605707	121605830	NC_000002.11
cg02119363	3.37E-15	1.14E-16	9.09	26.9726579	2.16E-01	179754603	179754726	NC_000003.11
cg10269365	3.37E-15	1.14E-16	9.09	26.9709181	1.76E-01	223166989	223167112	NC_000002.11
cg07350078	3.38E-15	1.15E-16	9.09	26.9678332	5.58E-02	206637459	206637582	NC_000001.10
cg14038731	3.40E-15	1.15E-16	9.09	26.9636984	1.36E-01	110732536	110732659	NC_000006.11
cg03072621	3.40E-15	1.15E-16	9.09	26.9632504	2.16E-01	6069929	6070052	NC_000016.9
cg11502555	3.41E-15	1.16E-16	9.09	26.961086	1.86E-01	100627341	100627464	NC_000013.10
cg00903371	3.41E-15	1.16E-16	9.09	26.9593621	1.39E-01	238360134	238360257	NC_000002.11
cg11324219	3.41E-15	1.16E-16	9.09	26.958628	7.22E-02	97857356	97857479	NC_000007.13
cg22428147	3.42E-15	1.16E-16	9.09	26.9566351	2.22E-01	137531791	137531914	NC_000007.13
cg17948913	3.42E-15	1.16E-16	9.09	26.9565462	1.33E-01	572064	572187	NC_000005.9
cg03940684	3.42E-15	1.16E-16	9.08	26.9559127	2.28E-01	239733	239856	NC_000003.11
cg15463538	3.44E-15	1.17E-16	9.08	26.9493338	5.10E-02	13315209	13315332	NC_000019.9
cg18449120	3.46E-15	1.17E-16	9.08	26.9460948	1.61E-01	5832882	5833005	NC_000002.11
cg02807849	3.46E-15	1.17E-16	9.08	26.9455313	1.22E-01	48908102	48908225	NC_000019.9
cg00950846	3.46E-15	1.18E-16	9.08	26.9430903	2.21E-01	62069317	62069440	NC_000016.9
cg12215739	3.47E-15	1.18E-16	9.08	26.9428614	1.94E-01	177014966	177015089	NC_000002.11
cg20317521	3.49E-15	1.19E-16	9.08	26.9356769	8.88E-02	79026312	79026435	NC_000017.10
cg23806894	3.51E-15	1.19E-16	9.08	26.9303944	2.39E-01	111535528	111535651	NC_000004.11
cg00411072	3.53E-15	1.20E-16	9.08	26.9241617	1.31E-01	46660940	46661063	NC_000017.10
cg07703790	3.55E-15	1.21E-16	9.08	26.9187755	1.51E-01	28897214	28897337	NC_000018.9
cg19019849	3.56E-15	1.21E-16	9.08	26.9148568	1.73E-01	13533145	13533268	NC_000004.11
cg27446570	3.60E-15	1.22E-16	9.08	26.9047584	8.45E-02	3809532	3809655	NC_000001.10
cg26656287	3.60E-15	1.23E-16	9.08	26.9031077	8.51E-02	1120889	1121012	NC_000011.9
cg04487296	3.61E-15	1.23E-16	9.08	26.9003361	1.73E-01	149389669	149389792	NC_000007.13

cg04303439	3.62E-15	1.23E-16	9.08	26.8990582	1.21E-01	1124847	1124970	NC_000005.9
cg01691827	3.62E-15	1.23E-16	9.08	26.8983583	1.37E-01	86599189	86599312	NC_000016.9
cg14186641	3.63E-15	1.24E-16	9.08	26.8945997	3.30E-01	88876741	88876864	NC_000006.11
cg11526778	3.64E-15	1.24E-16	9.07	26.8919516	1.21E-01	28115783	28115906	NC_000007.13
cg09938049	3.64E-15	1.24E-16	9.07	26.8910639	1.33E-01	54747206	54747329	NC_000012.11
cg18435449	3.65E-15	1.24E-16	9.07	26.8894123	2.58E-01	58095445	58095568	NC_000019.9
cg15264904	3.66E-15	1.25E-16	9.07	26.8864157	8.81E-02	180218509	180218632	NC_000005.9
cg08001256	3.67E-15	1.25E-16	9.07	26.8842556	7.52E-02	90611340	90611463	NC_000015.9
cg18792031	3.71E-15	1.27E-16	9.07	26.870605	1.43E-01	94574750	94574873	NC_000008.10
cg11387088	3.74E-15	1.28E-16	9.07	26.8640011	6.73E-02	55962574	55962697	NC_000017.10
cg04787888	3.74E-15	1.28E-16	9.07	26.863838	2.03E-01	86547322	86547445	NC_000016.9
cg10232395	3.75E-15	1.28E-16	9.07	26.8608934	1.69E-01	61613721	61613844	NC_000008.10
cg26267340	3.75E-15	1.28E-16	9.07	26.8594611	1.80E-01	31497829	31497952	NC_000008.10
cg20248516	3.76E-15	1.28E-16	9.07	26.8589341	1.77E-01	119602901	119603024	NC_000002.11
cg08251037	3.77E-15	1.29E-16	9.07	26.8555725	1.75E-01	70597778	70597901	NC_000007.13
cg08481873	3.78E-15	1.29E-16	9.07	26.8530057	1.49E-01	241653301	241653424	NC_000002.11
cg19237294	3.78E-15	1.29E-16	9.07	26.8514091	1.81E-01	35065236	35065359	NC_000018.9
cg01541645	3.84E-15	1.31E-16	9.07	26.8356244	1.99E-01	61104329	61104452	NC_000014.8
cg01813393	3.86E-15	1.32E-16	9.07	26.8308379	1.40E-01	62729423	62729546	NC_000001.10
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cg00179921	3.88E-15	1.33E-16	9.06	26.8252608	1.10E-01	39927437	39927560	NC_000022.10
cg14458834	3.88E-15	1.33E-16	9.06	26.8251287	3.53E-01	46655394	46655517	NC_000017.10
cg13767135	3.88E-15	1.33E-16	9.06	26.8247005	1.09E-01	69949459	69949582	NC_000011.9
cg15466177	3.89E-15	1.33E-16	9.06	26.8225125	6.01E-02	102675179	102675302	NC_000014.8
cg05342467	3.89E-15	1.33E-16	9.06	26.8221193	4.74E-02	2029732	2029855	NC_000007.13

cg16360372	3.89E-15	1.33E-16	9.06	26.8205472	8.86E-02	147212728	147212851	NC_000005.9
cg06568323	3.90E-15	1.34E-16	9.06	26.8176549	1.05E-01	100745507	100745630	NC_000013.10
cg09528825	3.91E-15	1.34E-16	9.06	26.8172713	2.96E-01	28074388	28074511	NC_000016.9
cg06233731	3.92E-15	1.34E-16	9.06	26.8145387	1.08E-01	18890872	18890995	NC_000012.11
cg20762480	3.94E-15	1.35E-16	9.06	26.8075403	1.48E-01	39538854	39538977	NC_000012.11
cg16399049	3.94E-15	1.35E-16	9.06	26.8071782	1.72E-01	22825843	22825966	NC_000016.9
cg17840719	3.95E-15	1.35E-16	9.06	26.8063912	2.57E-01	178368253	178368376	NC_000005.9
cg08267591	3.97E-15	1.36E-16	9.06	26.8007936	1.58E-01	165693745	165693868	NC_000002.11
cg04850284	3.97E-15	1.36E-16	9.06	26.7997562	1.44E-01	15707786	15707909	NC_000001.10
cg13201808	3.98E-15	1.36E-16	9.06	26.7969014	2.81E-01	43569269	43569392	NC_000011.9
cg00614182	3.98E-15	1.37E-16	9.06	26.7965049	2.19E-01	31498006	31498129	NC_000008.10
cg13090007	3.99E-15	1.37E-16	9.06	26.7946318	1.22E-01	142981593	142981716	NC_000008.10
cg19301960	4.01E-15	1.38E-16	9.06	26.7891688	1.47E-01	1271312	1271435	NC_000019.9
cg13313226	4.01E-15	1.38E-16	9.06	26.7889417	1.27E-01	124665869	124665992	NC_000011.9
cg21857375	4.02E-15	1.38E-16	9.06	26.7881711	4.52E-02	182781107	182781230	NC_000002.11
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cg22802813	4.04E-15	1.39E-16	9.06	26.7819248	2.30E-01	95942761	95942884	NC_000012.11
cg14640592	4.05E-15	1.39E-16	9.06	26.7794521	1.52E-01	203044726	203044849	NC_000001.10
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cg07190914	4.07E-15	1.39E-16	9.06	26.7754479	1.60E-01	4500072	4500195	NC_000010.10
cg16826777	4.07E-15	1.40E-16	9.06	26.774432	1.56E-01	43376882	43377005	NC_000017.10
cg09159022	4.07E-15	1.40E-16	9.06	26.7742473	2.37E-01	4849522	4849645	NC_000008.10
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cg23842255	4.08E-15	1.40E-16	9.06	26.7721456	1.58E-01	29876363	29876486	NC_000022.10

cg20406460	4.09E-15	1.41E-16	9.06	26.7677011	2.24E-01	3606489	3606612	NC_000005.9
cg08136772	4.10E-15	1.41E-16	9.06	26.7670592	1.56E-01	53420933	53421056	NC_000013.10
cg14309093	4.10E-15	1.41E-16	9.06	26.7654747	7.43E-02	133529722	133529845	NC_000010.10
cg11143671	4.12E-15	1.42E-16	9.05	26.7612763	1.22E-01	180904018	180904141	NC_000001.10
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cg15672768	4.14E-15	1.42E-16	9.05	26.7563567	1.53E-01	140741220	140741343	NC_000005.9
cg09385093	4.14E-15	1.42E-16	9.05	26.7558263	2.71E-01	119607885	119608008	NC_000002.11
cg09598437	4.14E-15	1.42E-16	9.05	26.7551324	1.60E-01	52643118	52643241	NC_000012.11
cg05532446	4.15E-15	1.43E-16	9.05	26.7522479	8.31E-02	47173093	47173216	NC_000016.9
cg04778012	4.17E-15	1.43E-16	9.05	26.7485835	1.60E-01	99775508	99775631	NC_000007.13
cg19502744	4.17E-15	1.43E-16	9.05	26.748475	1.92E-01	31805915	31806038	NC_000002.11
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cg10526277	4.17E-15	1.43E-16	9.05	26.7474575	2.37E-01	157813363	157813486	NC_000003.11
cg15170605	4.17E-15	1.44E-16	9.05	26.7473786	3.49E-01	70995459	70995582	NC_000002.11
cg00578304	4.17E-15	1.44E-16	9.05	26.7473334	1.21E-01	2968627	2968750	NC_000007.13
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cg06563713	4.18E-15	1.44E-16	9.05	26.7455826	1.22E-01	11950917	11951040	NC_000018.9
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cg16757724	4.18E-15	1.44E-16	9.05	26.7440369	1.49E-01	43935528	43935651	NC_000020.10
cg18894648	4.19E-15	1.44E-16	9.05	26.7428794	2.80E-01	87974446	87974569	NC_000005.9
cg13077930	4.20E-15	1.44E-16	9.05	26.7412416	1.51E-01	74269525	74269648	NC_000004.11
cg20684197	4.20E-15	1.45E-16	9.05	26.7404058	1.19E-01	142066938	142067061	NC_000005.9

cg03755123	4.20E-15	1.45E-16	9.05	26.7397057	1.84E-01	135043508	135043631	NC_000010.10
cg23544007	4.21E-15	1.45E-16	9.05	26.7385144	1.46E-01	88913736	88913859	NC_000002.11
cg22512438	4.21E-15	1.45E-16	9.05	26.7380926	2.36E-01	129693489	129693612	NC_000003.11
cg08611331	4.21E-15	1.45E-16	9.05	26.7370288	6.91E-02	30853476	30853599	NC_000016.9
cg04088969	4.21E-15	1.45E-16	9.05	26.7367394	2.84E-01	11060048	11060171	NC_000010.10
cg14757311	4.22E-15	1.45E-16	9.05	26.7350343	1.69E-01	962818	962941	NC_000016.9
cg19274703	4.22E-15	1.45E-16	9.05	26.7344063	1.73E-01	41806451	41806574	NC_000022.10
cg23938553	4.22E-15	1.46E-16	9.05	26.7336564	4.22E-02	48591529	48591652	NC_000017.10
cg20637609	4.23E-15	1.46E-16	9.05	26.7320302	1.72E-01	46825011	46825134	NC_000017.10
cg00003298	4.24E-15	1.46E-16	9.05	26.7308054	2.70E-01	113901210	113901333	NC_000012.11
cg20585038	4.26E-15	1.47E-16	9.05	26.7258069	1.66E-01	89148933	89149056	NC_000015.9
cg23603789	4.26E-15	1.47E-16	9.05	26.7252098	3.44E-02	242572545	242572668	NC_000002.11
cg19407095	4.26E-15	1.47E-16	9.05	26.7251567	1.54E-01	112721778	112721901	NC_000013.10
cg13950603	4.26E-15	1.47E-16	9.05	26.7236339	2.55E-01	7795619	7795742	NC_000019.9
cg06050631	4.28E-15	1.47E-16	9.05	26.7206176	1.68E-01	140098850	140098973	NC_000006.11
cg10964388	4.28E-15	1.48E-16	9.05	26.7193851	1.36E-01	96069024	96069147	NC_000012.11
cg11743349	4.28E-15	1.48E-16	9.05	26.7188018	1.78E-01	21950864	21950987	NC_000004.11
cg04425920	4.29E-15	1.48E-16	9.05	26.7175458	2.30E-01	50604518	50604641	NC_000010.10
cg06675478	4.30E-15	1.48E-16	9.05	26.7153257	1.29E-01	112721786	112721909	NC_000013.10
cg20132590	4.30E-15	1.48E-16	9.05	26.7143485	1.70E-01	73673893	73674016	NC_000003.11
cg14270687	4.31E-15	1.49E-16	9.05	26.7120063	1.77E-01	32953574	32953697	NC_000017.10
cg17254405	4.31E-15	1.49E-16	9.05	26.7114062	5.85E-02	68514089	68514212	NC_000011.9
cg04285318	4.32E-15	1.49E-16	9.05	26.710679	7.91E-02	192016481	192016604	NC_000002.11
cg15221604	4.33E-15	1.49E-16	9.05	26.7078119	2.58E-01	124738735	124738858	NC_000011.9
cg01080368	4.41E-15	1.52E-16	9.04	26.6881716	1.29E-01	135480456	135480579	NC_000002.11

cg15569451	4.42E-15	1.53E-16	9.04	26.686326	5.16E-02	44041324	44041447	NC_000020.10
cg10325088	4.44E-15	1.53E-16	9.04	26.6815707	4.05E-02	217724849	217724972	NC_000001.10
cg08404546	4.45E-15	1.54E-16	9.04	26.6785915	1.25E-01	37910993	37911116	NC_000022.10
cg10512745	4.45E-15	1.54E-16	9.04	26.6780265	2.97E-01	50884480	50884603	NC_000001.10
cg07850527	4.46E-15	1.54E-16	9.04	26.6761108	3.07E-01	89268040	89268163	NC_000016.9
cg27116912	4.50E-15	1.55E-16	9.04	26.6685465	2.30E-01	176947940	176948063	NC_000002.11
cg00287737	4.50E-15	1.56E-16	9.04	26.6671134	1.34E-01	894070	894193	NC_000004.11
cg22561647	4.53E-15	1.57E-16	9.04	26.6611666	1.57E-01	60747596	60747719	NC_000017.10
cg08492173	4.53E-15	1.57E-16	9.04	26.6598875	1.91E-01	3597311	3597434	NC_000005.9
cg04480285	4.54E-15	1.57E-16	9.04	26.6587984	7.94E-02	61097029	61097152	NC_000011.9
cg14091493	4.55E-15	1.57E-16	9.04	26.6559919	8.67E-02	136796914	136797037	NC_000009.11
cg08475379	4.57E-15	1.58E-16	9.04	26.6522753	1.59E-01	37302989	37303112	NC_000020.10
cg12563372	4.57E-15	1.58E-16	9.04	26.6514643	2.04E-01	25908503	25908626	NC_000008.10
cg08941080	4.58E-15	1.58E-16	9.04	26.6495666	5.01E-02	66494112	66494235	NC_000005.9
cg01052879	4.60E-15	1.59E-16	9.04	26.6452898	2.26E-01	61809830	61809953	NC_000020.10
cg19030579	4.60E-15	1.59E-16	9.04	26.645135	2.63E-01	50888710	50888833	NC_000001.10
cg16668896	4.60E-15	1.59E-16	9.04	26.6446503	1.46E-01	54900801	54900924	NC_000007.13
cg11935896	4.60E-15	1.59E-16	9.04	26.6438476	6.43E-02	148409702	148409825	NC_000005.9
cg25952964	4.62E-15	1.60E-16	9.04	26.6403976	1.31E-01	109607272	109607395	NC_000002.11
cg02856026	4.62E-15	1.60E-16	9.04	26.6403058	1.37E-01	22328339	22328462	NC_000001.10
cg15203618	4.62E-15	1.60E-16	9.04	26.6389138	7.36E-02	85646125	85646248	NC_000011.9
cg23954541	4.63E-15	1.60E-16	9.04	26.6378812	7.50E-02	16969609	16969732	NC_000001.10
cg04852339	4.63E-15	1.60E-16	9.04	26.6376069	1.14E-01	159841571	159841694	NC_000002.11
cg05065879	4.64E-15	1.61E-16	9.03	26.6358317	1.71E-01	123229471	123229594	NC_000011.9
cg00629117	4.64E-15	1.61E-16	9.03	26.6348847	1.98E-01	1844932	1845055	NC_000016.9

cg21266559	4.64E-15	1.61E-16	9.03	26.6347275	2.22E-01	34114285	34114408	NC_000019.9
cg02332936	4.65E-15	1.61E-16	9.03	26.6338048	1.93E-01	115140584	115140707	NC_000009.11
cg25081106	4.67E-15	1.62E-16	9.03	26.629498	3.00E-01	88324169	88324292	NC_000013.10
cg16907558	4.68E-15	1.62E-16	9.03	26.6267956	1.88E-01	71017637	71017760	NC_000002.11
cg07371029	4.68E-15	1.62E-16	9.03	26.6256279	1.22E-01	134743011	134743134	NC_000010.10
cg07440398	4.68E-15	1.62E-16	9.03	26.6250562	1.54E-01	99712966	99713089	NC_000014.8
cg21245816	4.69E-15	1.63E-16	9.03	26.6232837	1.42E-01	43044675	43044798	NC_000005.9
cg03205584	4.72E-15	1.64E-16	9.03	26.6173481	3.00E-01	79258407	79258530	NC_000012.11
cg12591770	4.76E-15	1.65E-16	9.03	26.6095843	1.63E-01	100913571	100913694	NC_000015.9
cg14891410	4.76E-15	1.65E-16	9.03	26.6080945	1.59E-01	32458769	32458892	NC_000011.9
cg16018002	4.77E-15	1.65E-16	9.03	26.6068136	1.11E-01	11251104	11251227	NC_000006.11
cg14810242	4.78E-15	1.66E-16	9.03	26.6030225	7.44E-02	102087008	102087131	NC_000002.11
cg23318063	4.78E-15	1.66E-16	9.03	26.6030179	2.41E-01	58332751	58332874	NC_000014.8
cg11794956	4.80E-15	1.67E-16	9.03	26.5990543	2.10E-01	92443321	92443444	NC_000005.9
cg13680844	4.80E-15	1.67E-16	9.03	26.5988585	5.51E-02	52255405	52255528	NC_000003.11
cg15710961	4.82E-15	1.67E-16	9.03	26.5954955	4.63E-02	56572591	56572714	NC_000006.11
cg04521004	4.83E-15	1.68E-16	9.03	26.5939057	1.90E-01	157821262	157821385	NC_000003.11
cg21093192	4.85E-15	1.68E-16	9.03	26.5891332	2.60E-01	54412993	54413116	NC_000019.9
cg15959715	4.86E-15	1.69E-16	9.03	26.5862199	2.53E-01	26506713	26506836	NC_000010.10
cg01178680	4.87E-15	1.69E-16	9.03	26.584336	1.23E-01	74425552	74425675	NC_000015.9
cg12554268	4.89E-15	1.70E-16	9.03	26.5814049	1.01E-01	27338633	27338756	NC_000007.13
cg02052905	4.89E-15	1.70E-16	9.03	26.5802719	1.38E-01	88796355	88796478	NC_000011.9
cg23398332	4.90E-15	1.70E-16	9.03	26.5789759	7.90E-02	128485943	128486066	NC_000008.10
cg11144641	4.91E-15	1.71E-16	9.03	26.5764841	1.92E-01	134871566	134871689	NC_000005.9
cg00470641	4.91E-15	1.71E-16	9.03	26.5751791	1.36E-01	3096219	3096342	NC_000010.10



cg08036309	4.92E-15	1.71E-16	9.03	26.5738855	1.85E-01	13536991	13537114	NC_000004.11
cg27639104	4.92E-15	1.71E-16	9.02	26.5728474	2.92E-02	2482929	2483052	NC_000011.9
cg22460443	4.93E-15	1.71E-16	9.02	26.5721028	8.51E-02	90610983	90611106	NC_000015.9
cg27512716	4.95E-15	1.72E-16	9.02	26.5663168	1.41E-01	44219675	44219798	NC_000019.9
cg15267232	4.97E-15	1.73E-16	9.02	26.5620242	2.43E-01	8097689	8097812	NC_000010.10
cg04652943	4.98E-15	1.73E-16	9.02	26.5612717	1.22E-01	3750565	3750688	NC_000002.11
cg25640822	4.98E-15	1.73E-16	9.02	26.5600885	2.76E-01	134871645	134871768	NC_000005.9
cg00910518	4.98E-15	1.73E-16	9.02	26.5598491	1.62E-01	91195213	91195336	NC_000001.10
cg07681938	5.00E-15	1.74E-16	9.02	26.5562757	1.95E-01	62070234	62070357	NC_000016.9
cg20023231	5.01E-15	1.74E-16	9.02	26.5549243	1.97E-01	22825282	22825405	NC_000016.9
cg22661893	5.01E-15	1.75E-16	9.02	26.5535551	2.00E-01	89224559	89224682	NC_000011.9
cg14855519	5.02E-15	1.75E-16	9.02	26.5521082	1.63E-01	25898191	25898314	NC_000008.10
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cg12651914	5.05E-15	1.76E-16	9.02	26.5463861	1.96E-01	130642779	130642902	NC_000012.11
cg20567847	5.06E-15	1.76E-16	9.02	26.5435889	2.84E-01	155167038	155167161	NC_000007.13
cg27530352	5.09E-15	1.78E-16	9.02	26.5364548	9.03E-02	11294188	11294311	NC_000003.11
cg04096767	5.12E-15	1.78E-16	9.02	26.5321599	1.51E-01	32449450	32449573	NC_000011.9
cg08688393	5.12E-15	1.79E-16	9.02	26.5310857	1.52E-01	70371326	70371449	NC_000015.9
cg01240823	5.14E-15	1.79E-16	9.02	26.5275711	1.04E-01	92667819	92667942	NC_000015.9
cg14916150	5.16E-15	1.80E-16	9.02	26.5233307	2.12E-01	4868983	4869106	NC_000004.11
cg11416384	5.20E-15	1.82E-16	9.02	26.5148708	3.08E-01	37246827	37246950	NC_000004.11
cg12728623	5.21E-15	1.82E-16	9.02	26.5141047	1.27E-01	19938992	19939115	NC_000022.10
cg06794441	5.21E-15	1.82E-16	9.02	26.5138851	1.18E-01	67520733	67520856	NC_000001.10
cg19202601	5.22E-15	1.82E-16	9.02	26.5120433	7.81E-02	30070168	30070291	NC_000022.10
cg23669876	5.22E-15	1.82E-16	9.02	26.5114873	1.12E-01	36489276	36489399	NC_000001.10

cg21986027	5.22E-15	1.82E-16	9.02	26.5107097	1.83E-01	169238138	169238261	NC_000006.11
cg25644556	5.24E-15	1.83E-16	9.01	26.5065483	2.68E-01	27209582	27209705	NC_000007.13
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cg02906863	5.30E-15	1.85E-16	9.01	26.4954487	1.39E-01	22275386	22275509	NC_000022.10
cg24176563	5.30E-15	1.85E-16	9.01	26.4954171	2.20E-01	133562776	133562899	NC_000006.11
cg20731875	5.33E-15	1.86E-16	9.01	26.4905757	1.48E-01	14207701	14207824	NC_000017.10
cg18710784	5.33E-15	1.86E-16	9.01	26.4885159	2.50E-01	132813563	132813686	NC_000011.9
cg08490115	5.34E-15	1.87E-16	9.01	26.487242	2.41E-01	30038675	30038798	NC_000011.9
cg02909298	5.34E-15	1.87E-16	9.01	26.4867735	1.09E-01	56207327	56207450	NC_000014.8
cg02597493	5.37E-15	1.88E-16	9.01	26.4818071	8.29E-02	79298637	79298760	NC_000015.9
cg17669581	5.38E-15	1.88E-16	9.01	26.479898	1.67E-01	54968251	54968374	NC_000004.11
cg25841625	5.38E-15	1.88E-16	9.01	26.4791671	1.79E-01	77119588	77119711	NC_000004.11
cg26813561	5.39E-15	1.89E-16	9.01	26.4773733	7.26E-02	112171802	112171925	NC_000012.11
cg08901867	5.39E-15	1.89E-16	9.01	26.4771151	1.21E-01	46871042	46871165	NC_000017.10
cg04201744	5.40E-15	1.89E-16	9.01	26.4761547	6.63E-02	178976295	178976418	NC_000002.11
cg00153106	5.42E-15	1.89E-16	9.01	26.472526	2.21E-01	172671561	172671684	NC_000005.9
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cg02773399	5.44E-15	1.90E-16	9.01	26.4673458	4.74E-02	110226215	110226338	NC_000009.11
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cg15768103	5.47E-15	1.92E-16	9.01	26.4618491	2.58E-01	127413936	127414059	NC_000002.11
cg19993589	5.48E-15	1.92E-16	9.01	26.4597011	2.07E-01	177140510	177140633	NC_000001.10
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cg04036366	5.55E-15	1.95E-16	9.01	26.4464139	1.17E-01	79976900	79977023	NC_000017.10

cg21463349	5.56E-15	1.95E-16	9	26.4453416	1.64E-01	119600948	119601071	NC_000002.11
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cg09548799	5.60E-15	1.96E-16	9	26.4367315	1.00E-01	67839134	67839257	NC_000008.10
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cg24626674	5.65E-15	1.98E-16	9	26.428524	7.96E-02	57958333	57958456	NC_000011.9
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cg23939866	5.75E-15	2.02E-16	9	26.410164	6.27E-02	154181852	154181975	NC_000005.9
cg21095561	5.76E-15	2.02E-16	9	26.4075831	2.19E-01	42733994	42734117	NC_000017.10
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cg11722553	5.86E-15	2.06E-16	9	26.3905484	5.90E-02	10829162	10829285	NC_000012.11
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cg13885535	5.88E-15	2.07E-16	9	26.3862082	1.23E-01	124315614	124315737	NC_000009.11

cg17892178	5.89E-15	2.07E-16	9	26.3838212	2.24E-01	6902824	6902947	NC_000003.11
cg22290117	5.90E-15	2.08E-16	8.99	26.3821067	1.18E-01	57427173	57427296	NC_000020.10
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cg23692680	6.02E-15	2.12E-16	8.99	26.3606984	1.90E-01	101445897	101446020	NC_000008.10
cg04317962	6.03E-15	2.12E-16	8.99	26.3603459	1.99E-01	79623625	79623748	NC_000016.9
cg27334919	6.03E-15	2.12E-16	8.99	26.3592204	1.95E-01	19158378	19158501	NC_000007.13
cg25963041	6.05E-15	2.13E-16	8.99	26.3564572	3.27E-01	57049777	57049900	NC_000019.9
cg15991405	6.05E-15	2.13E-16	8.99	26.3558978	1.89E-01	176988480	176988603	NC_000002.11
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cg14008883	6.08E-15	2.14E-16	8.99	26.351086	1.54E-01	50818911	50819034	NC_000010.10
cg08273957	6.08E-15	2.14E-16	8.99	26.3502848	2.22E-01	29227941	29228064	NC_000014.8
cg10321393	6.09E-15	2.15E-16	8.99	26.3492076	9.76E-02	15905387	15905510	NC_000001.10
cg26224652	6.09E-15	2.15E-16	8.99	26.3490077	5.60E-02	57181252	57181375	NC_000004.11
cg16064793	6.09E-15	2.15E-16	8.99	26.3486607	1.69E-01	157021142	157021265	NC_000005.9
cg21101386	6.12E-15	2.16E-16	8.99	26.3439519	1.31E-01	35125857	35125980	NC_000020.10
cg09227138	6.12E-15	2.16E-16	8.99	26.3437298	2.07E-01	84419244	84419367	NC_000006.11
cg21502786	6.14E-15	2.17E-16	8.99	26.3398691	2.39E-01	56234476	56234599	NC_000017.10
cg13381984	6.15E-15	2.17E-16	8.99	26.3388757	1.50E-01	127881344	127881467	NC_000007.13
cg04059773	6.15E-15	2.17E-16	8.99	26.3387682	2.46E-01	53561563	53561686	NC_000019.9
cg04495995	6.16E-15	2.17E-16	8.99	26.3366256	2.90E-01	19147157	19147280	NC_000007.13
cg06704093	6.16E-15	2.18E-16	8.99	26.3359005	2.13E-01	110226132	110226255	NC_000010.10

cg09679642	6.17E-15	2.18E-16	8.99	26.3352311	6.95E-02	79805210	79805333	NC_000017.10
cg20244327	6.17E-15	2.18E-16	8.99	26.3349119	1.51E-01	3283946	3284069	NC_000010.10
cg11363444	6.18E-15	2.18E-16	8.99	26.3324416	1.16E-01	153079618	153079741	NC_000002.11
cg07080358	6.19E-15	2.19E-16	8.99	26.3312456	2.53E-01	68546507	68546630	NC_000002.11
cg18729086	6.19E-15	2.19E-16	8.99	26.3303034	9.75E-02	101187440	101187563	NC_000010.10
cg17415381	6.20E-15	2.19E-16	8.99	26.3297242	1.37E-01	61514690	61514813	NC_000017.10
cg25209111	6.25E-15	2.21E-16	8.99	26.3208118	1.43E-01	104009148	104009271	NC_000010.10
cg15718811	6.25E-15	2.21E-16	8.99	26.3203694	1.53E-01	120427810	120427933	NC_000008.10
cg21214293	6.26E-15	2.21E-16	8.99	26.3189411	1.55E-01	145713882	145714005	NC_000005.9
cg24847685	6.28E-15	2.22E-16	8.98	26.3154837	2.59E-01	147087653	147087776	NC_000003.11
cg04949206	6.30E-15	2.23E-16	8.98	26.3128156	1.95E-01	176971971	176972094	NC_000002.11
cg13874817	6.33E-15	2.24E-16	8.98	26.3078152	2.27E-01	140770751	140770874	NC_000003.11
cg01556677	6.34E-15	2.24E-16	8.98	26.3050142	7.17E-02	80534871	80534994	NC_000007.13
cg06002288	6.38E-15	2.26E-16	8.98	26.2988425	1.94E-01	44500261	44500384	NC_000018.9
cg05333146	6.41E-15	2.27E-16	8.98	26.2939427	1.47E-01	67183725	67183848	NC_000016.9
cg23305365	6.43E-15	2.27E-16	8.98	26.2916761	1.09E-01	105379392	105379515	NC_000008.10
cg26512459	6.43E-15	2.28E-16	8.98	26.2906108	6.71E-02	3435203	3435326	NC_000011.9
cg18106668	6.45E-15	2.28E-16	8.98	26.2886331	2.15E-01	24323261	24323384	NC_000007.13
cg01024444	6.46E-15	2.29E-16	8.98	26.2861904	1.96E-01	52222446	52222569	NC_000019.9
cg08149459	6.49E-15	2.30E-16	8.98	26.2818876	1.13E-01	77304195	77304318	NC_000014.8
cg09825979	6.49E-15	2.30E-16	8.98	26.281802	1.61E-01	27179432	27179555	NC_000007.13
cg23615741	6.50E-15	2.30E-16	8.98	26.280049	2.02E-01	101297642	101297765	NC_000010.10
cg15670863	6.50E-15	2.30E-16	8.98	26.2798886	8.92E-02	49110292	49110415	NC_000019.9
cg07865267	6.52E-15	2.31E-16	8.98	26.2763522	1.29E-01	1421517	1421640	NC_000017.10
cg14802355	6.53E-15	2.31E-16	8.98	26.2755384	1.58E-01	103683140	103683263	NC_000004.11

cg19814174	6.54E-15	2.32E-16	8.98	26.2740963	1.50E-01	213704987	213705110	NC_000001.10
cg14732324	6.58E-15	2.33E-16	8.98	26.2665881	2.91E-01	528621	528744	NC_000005.9
cg05258261	6.59E-15	2.34E-16	8.98	26.2652252	2.37E-01	140770608	140770731	NC_000003.11
cg04876124	6.60E-15	2.34E-16	8.98	26.2633651	1.31E-01	3160911	3161034	NC_000001.10
cg10314760	6.60E-15	2.34E-16	8.98	26.263147	1.35E-01	123353654	123353777	NC_000010.10
cg21871232	6.61E-15	2.34E-16	8.98	26.2625665	1.88E-01	95693881	95694004	NC_000014.8
cg19003326	6.61E-15	2.35E-16	8.98	26.2613737	1.30E-01	60720320	60720443	NC_000005.9
cg25312935	6.62E-15	2.35E-16	8.98	26.2598372	5.45E-02	211860642	211860765	NC_000001.10
cg09788586	6.63E-15	2.35E-16	8.98	26.2596173	1.75E-01	114337676	114337799	NC_000012.11
cg00413617	6.63E-15	2.35E-16	8.98	26.2591411	1.36E-01	17757415	17757538	NC_000011.9
cg15092219	6.63E-15	2.35E-16	8.98	26.2588604	1.56E-01	247511364	247511487	NC_000001.10
cg07746943	6.63E-15	2.35E-16	8.98	26.2585816	2.82E-01	238615	238738	NC_000003.11
cg13475333	6.63E-15	2.35E-16	8.98	26.258176	1.96E-01	139585616	139585739	NC_000009.11
cg26079753	6.64E-15	2.36E-16	8.98	26.2571976	2.51E-01	54355528	54355651	NC_000012.11
cg10537450	6.65E-15	2.36E-16	8.98	26.2557617	1.34E-01	147789973	147790096	NC_000001.10
cg22660933	6.65E-15	2.36E-16	8.97	26.2547495	1.03E-01	46608355	46608478	NC_000017.10
cg01394052	6.71E-15	2.38E-16	8.97	26.2460253	3.79E-02	27684997	27685120	NC_000001.10
cg18836576	6.72E-15	2.39E-16	8.97	26.2444856	5.85E-02	33677751	33677874	NC_000006.11
cg00962755	6.72E-15	2.39E-16	8.97	26.2430684	1.49E-01	201439001	201439124	NC_000001.10
cg21161253	6.73E-15	2.39E-16	8.97	26.2417833	2.55E-01	61638149	61638272	NC_000020.10
cg09444060	6.84E-15	2.43E-16	8.97	26.2257712	5.58E-02	28887940	28888063	NC_000006.11
cg12072560	6.85E-15	2.43E-16	8.97	26.2245799	2.59E-01	12254173	12254296	NC_000018.9
cg22242857	6.90E-15	2.45E-16	8.97	26.2163926	1.85E-01	76751952	76752075	NC_000018.9
cg12166610	6.93E-15	2.46E-16	8.97	26.2127148	1.91E-01	31498256	31498379	NC_000008.10
cg18855674	6.93E-15	2.47E-16	8.97	26.2118207	1.92E-01	72469553	72469676	NC_000008.10

cg18451814	6.97E-15	2.48E-16	8.97	26.2063377	1.98E-01	57278188	57278311	NC_000014.8
cg16620392	7.00E-15	2.49E-16	8.97	26.2023041	1.24E-01	131765379	131765502	NC_000010.10
cg21999939	7.03E-15	2.50E-16	8.97	26.1975167	2.73E-01	2755004	2755127	NC_000005.9
cg12500949	7.03E-15	2.50E-16	8.97	26.1972854	9.95E-02	88357920	88358043	NC_000002.11
cg11468819	7.04E-15	2.51E-16	8.97	26.1961003	1.72E-01	4942612	4942735	NC_000005.9
cg18837713	7.04E-15	2.51E-16	8.97	26.1949235	1.21E-01	77159365	77159488	NC_000012.11
cg18408326	7.05E-15	2.51E-16	8.97	26.194599	2.35E-01	18429037	18429160	NC_000010.10
cg01191815	7.07E-15	2.52E-16	8.97	26.1917943	7.01E-02	63084959	63085082	NC_000015.9
cg04763554	7.09E-15	2.52E-16	8.96	26.1886312	2.76E-01	98511258	98511381	NC_000001.10
cg25756435	7.12E-15	2.54E-16	8.96	26.183234	2.10E-01	12952129	12952252	NC_000019.9
cg24535046	7.14E-15	2.54E-16	8.96	26.1811553	5.87E-02	21730858	21730981	NC_000017.10
cg18098400	7.15E-15	2.55E-16	8.96	26.1798193	2.29E-01	25621328	25621451	NC_000013.10
cg17156983	7.15E-15	2.55E-16	8.96	26.1791674	1.69E-01	18951159	18951282	NC_000010.10
cg08629267	7.18E-15	2.56E-16	8.96	26.1749548	1.33E-01	239014798	239014921	NC_000002.11
cg09873584	7.18E-15	2.56E-16	8.96	26.1749334	1.41E-01	60348937	60349060	NC_000010.10
cg10310457	7.23E-15	2.58E-16	8.96	26.1684718	1.75E-01	5217523	5217646	NC_000016.9
cg14880894	7.24E-15	2.58E-16	8.96	26.1668655	1.88E-01	78697859	78697982	NC_000004.11
cg25975712	7.25E-15	2.59E-16	8.96	26.1643638	2.74E-01	48971051	48971174	NC_000022.10
cg23487201	7.29E-15	2.60E-16	8.96	26.1598547	1.87E-01	57090122	57090245	NC_000020.10
cg11747897	7.29E-15	2.60E-16	8.96	26.1598141	6.23E-02	46860105	46860228	NC_000022.10
cg12154110	7.30E-15	2.60E-16	8.96	26.158055	1.14E-01	49254220	49254343	NC_000019.9
cg03275648	7.36E-15	2.63E-16	8.96	26.1488356	9.60E-02	96940848	96940971	NC_000009.11
cg05994320	7.37E-15	2.63E-16	8.96	26.1482446	1.74E-01	113727753	113727876	NC_000007.13
cg24380053	7.37E-15	2.63E-16	8.96	26.1474448	1.62E-01	13028632	13028755	NC_000003.11
cg06001519	7.39E-15	2.64E-16	8.96	26.1454745	2.13E-01	23500838	23500961	NC_000013.10

cg04331756	7.43E-15	2.65E-16	8.96	26.1394621	1.18E-01	8546532	8546655	NC_000010.10
cg23230158	7.45E-15	2.66E-16	8.96	26.1372488	1.44E-01	230260837	230260960	NC_000001.10
cg22356083	7.47E-15	2.67E-16	8.96	26.1346361	8.84E-02	55861964	55862087	NC_000019.9
cg03002848	7.47E-15	2.67E-16	8.96	26.1340355	2.10E-01	135050343	135050466	NC_000010.10
cg18857369	7.49E-15	2.67E-16	8.96	26.1319397	1.24E-01	105518248	105518371	NC_000014.8
cg12250896	7.49E-15	2.68E-16	8.96	26.1306925	2.63E-01	134001112	134001235	NC_000010.10
cg17712694	7.54E-15	2.69E-16	8.95	26.1241321	2.56E-01	16180068	16180191	NC_000005.9
cg17598190	7.55E-15	2.70E-16	8.95	26.1227996	4.28E-02	3162054	3162177	NC_000010.10
cg07124126	7.56E-15	2.70E-16	8.95	26.1221959	7.70E-02	81927346	81927469	NC_000016.9
cg01340163	7.57E-15	2.70E-16	8.95	26.1208251	1.56E-01	55990582	55990705	NC_000004.11
cg21615397	7.57E-15	2.71E-16	8.95	26.1199068	1.85E-01	55714393	55714516	NC_000018.9
cg12425321	7.59E-15	2.71E-16	8.95	26.1180394	9.73E-02	31733914	31734037	NC_000006.11
cg05203809	7.59E-15	2.71E-16	8.95	26.1169217	1.56E-01	12281858	12281981	NC_000016.9
cg05079049	7.60E-15	2.72E-16	8.95	26.1165876	1.47E-01	55364843	55364966	NC_000016.9
cg19369022	7.60E-15	2.72E-16	8.95	26.1159697	2.33E-01	51111388	51111511	NC_000019.9
cg21282630	7.62E-15	2.72E-16	8.95	26.1138221	2.60E-01	27945125	27945248	NC_000021.8
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cg12746120	7.63E-15	2.73E-16	8.95	26.1115311	8.96E-02	110398188	110398311	NC_000013.10
cg07972135	7.63E-15	2.73E-16	8.95	26.111067	2.47E-01	105481322	105481445	NC_000011.9
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cg09323727	7.69E-15	2.75E-16	8.95	26.1034996	2.60E-01	176936436	176936559	NC_000002.11
cg09637449	7.77E-15	2.78E-16	8.95	26.0929074	6.40E-02	73479754	73479877	NC_000010.10
cg09042277	7.79E-15	2.79E-16	8.95	26.0901398	2.13E-01	114840854	114840977	NC_000012.11
cg13983640	7.80E-15	2.79E-16	8.95	26.0895024	1.61E-01	41010223	41010346	NC_000006.11
cg26282731	7.80E-15	2.79E-16	8.95	26.0890132	1.90E-01	148939288	148939411	NC_000004.11



cg04390523	7.81E-15	2.80E-16	8.95	26.0875048	2.33E-01	78493100	78493223	NC_000013.10
cg19580344	7.82E-15	2.80E-16	8.95	26.0862444	1.23E-01	16669915	16670038	NC_000005.9
cg09767658	7.84E-15	2.81E-16	8.95	26.0833274	1.30E-01	8433089	8433212	NC_000001.10
cg09576978	7.84E-15	2.81E-16	8.95	26.0830386	9.65E-02	41554080	41554203	NC_000008.10
cg26589665	7.87E-15	2.82E-16	8.95	26.0798344	1.10E-01	71623290	71623413	NC_000015.9
cg07495363	7.88E-15	2.82E-16	8.95	26.0783317	2.83E-01	198651076	198651199	NC_000002.11
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cg14323928	7.90E-15	2.83E-16	8.95	26.0760152	6.21E-02	31393845	31393968	NC_000015.9
cg12379145	7.90E-15	2.83E-16	8.95	26.0748812	1.31E-01	14030611	14030734	NC_000001.10
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cg18805066	7.94E-15	2.85E-16	8.95	26.069768	2.14E-01	27134259	27134382	NC_000007.13
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cg14995475	8.04E-15	2.88E-16	8.94	26.0568969	1.80E-01	6534774	6534897	NC_000019.9
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cg19952303	8.06E-15	2.89E-16	8.94	26.054047	1.93E-01	85306323	85306446	NC_000012.11
cg16009129	8.07E-15	2.90E-16	8.94	26.0521132	4.72E-02	6106379	6106502	NC_000019.9
cg05076914	8.08E-15	2.90E-16	8.94	26.0506316	1.69E-01	168842302	168842425	NC_000006.11
cg26348902	8.11E-15	2.91E-16	8.94	26.0466159	1.90E-01	1399938	1400061	NC_000004.11

cg03951219	8.13E-15	2.92E-16	8.94	26.0447512	2.94E-01	159141440	159141563	NC_000001.10
cg18356785	8.15E-15	2.93E-16	8.94	26.0418973	1.76E-01	47611780	47611903	NC_000011.9
cg10980774	8.17E-15	2.93E-16	8.94	26.0396276	2.81E-01	112832547	112832670	NC_000011.9
cg17477818	8.18E-15	2.94E-16	8.94	26.0381691	1.17E-01	10203128	10203251	NC_000019.9
cg26838023	8.21E-15	2.95E-16	8.94	26.0345688	1.04E-01	30072314	30072437	NC_000020.10
cg07520506	8.22E-15	2.95E-16	8.94	26.0328981	1.81E-01	7593007	7593130	NC_000012.11
cg22946150	8.29E-15	2.98E-16	8.94	26.0244717	2.61E-01	84116107	84116230	NC_000015.9
cg26094789	8.32E-15	2.99E-16	8.94	26.0208436	1.62E-01	37135586	37135709	NC_000014.8
cg23933759	8.34E-15	3.00E-16	8.94	26.0172449	1.19E-01	37836671	37836794	NC_000021.8
cg04250451	8.36E-15	3.01E-16	8.94	26.0147477	1.18E-01	25257784	25257907	NC_000001.10
cg09249675	8.37E-15	3.01E-16	8.94	26.0135838	1.54E-01	3401572	3401695	NC_000019.9
cg16134430	8.37E-15	3.01E-16	8.94	26.0133922	4.74E-02	34636155	34636278	NC_000021.8
cg07047831	8.37E-15	3.01E-16	8.94	26.0132652	8.59E-02	186918647	186918770	NC_000003.11
cg13188098	8.38E-15	3.02E-16	8.94	26.0127646	1.42E-01	4918335	4918458	NC_000012.11
cg09304047	8.38E-15	3.02E-16	8.94	26.0126035	1.76E-01	53747541	53747664	NC_000002.11
cg19955823	8.38E-15	3.02E-16	8.94	26.0124949	3.94E-02	90428806	90428929	NC_000014.8
cg19227031	8.38E-15	3.02E-16	8.94	26.0122146	1.13E-01	32118315	32118438	NC_000006.11
cg00516513	8.39E-15	3.02E-16	8.94	26.0105069	2.69E-01	41753803	41753926	NC_000004.11
cg15630907	8.39E-15	3.02E-16	8.94	26.0103981	1.88E-01	115630921	115631044	NC_000011.9
cg19988235	8.41E-15	3.03E-16	8.94	26.0086131	1.24E-01	9945589	9945712	NC_000002.11
cg13262687	8.41E-15	3.03E-16	8.94	26.008009	2.40E-01	147559579	147559702	NC_000004.11
cg00153110	8.41E-15	3.03E-16	8.94	26.0078483	2.23E-01	175201062	175201185	NC_000002.11
cg03983645	8.42E-15	3.03E-16	8.94	26.0072222	2.07E-01	20181887	20182010	NC_000011.9
cg04656171	8.45E-15	3.05E-16	8.94	26.0030367	1.36E-01	42211689	42211812	NC_000015.9
cg16635010	8.47E-15	3.05E-16	8.94	26.000938	5.89E-02	179563497	179563620	NC_000005.9

cg00711088	8.47E-15	3.05E-16	8.93	26.0007867	2.08E-01	1401409	1401532	NC_000004.11
cg15800722	8.47E-15	3.05E-16	8.93	26.000311	1.88E-01	42144929	42145052	NC_000017.10
cg14447703	8.48E-15	3.06E-16	8.93	25.9986222	9.35E-02	30846517	30846640	NC_000006.11
cg16089796	8.55E-15	3.08E-16	8.93	25.9903874	9.08E-02	128382383	128382506	NC_000002.11
cg01613249	8.59E-15	3.10E-16	8.93	25.9861935	1.23E-01	54727293	54727416	NC_000002.11
cg05593336	8.59E-15	3.10E-16	8.93	25.9853788	1.56E-01	85361633	85361756	NC_000006.11
cg10101109	8.62E-15	3.11E-16	8.93	25.9818907	1.28E-01	112455255	112455378	NC_000012.11
cg16664996	8.63E-15	3.11E-16	8.93	25.9812022	9.62E-02	88385249	88385372	NC_000016.9
cg12172720	8.65E-15	3.12E-16	8.93	25.9778863	1.82E-01	150019603	150019726	NC_000005.9
cg20723705	8.66E-15	3.13E-16	8.93	25.9774745	1.94E-01	122118676	122118799	NC_000011.9
cg01010285	8.66E-15	3.13E-16	8.93	25.9767195	7.49E-02	70176103	70176226	NC_000002.11
cg26068180	8.66E-15	3.13E-16	8.93	25.976684	8.02E-02	46053650	46053773	NC_000001.10
cg10528576	8.72E-15	3.15E-16	8.93	25.9703934	2.32E-01	101192913	101193036	NC_000014.8
cg04726439	8.77E-15	3.17E-16	8.93	25.9641324	9.99E-02	18898394	18898517	NC_000019.9
cg18185987	8.78E-15	3.17E-16	8.93	25.9630397	1.34E-01	88477518	88477641	NC_000014.8
cg26191586	8.80E-15	3.18E-16	8.93	25.9603233	8.65E-02	53794760	53794883	NC_000001.10
cg03885098	8.87E-15	3.21E-16	8.93	25.9519063	1.55E-01	207991780	207991903	NC_000001.10
cg06507987	8.88E-15	3.21E-16	8.93	25.9512117	1.38E-01	27686768	27686891	NC_000001.10
cg23816347	8.88E-15	3.21E-16	8.93	25.9503874	2.20E-01	126113640	126113763	NC_000003.11
cg13932450	8.91E-15	3.22E-16	8.93	25.9475153	1.83E-01	43879598	43879721	NC_000006.11
cg06859084	8.92E-15	3.22E-16	8.93	25.9464331	2.05E-01	137523042	137523165	NC_000002.11
cg24531255	8.98E-15	3.25E-16	8.93	25.9388228	2.96E-01	93520012	93520135	NC_000007.13
cg05872540	9.04E-15	3.27E-16	8.92	25.9327602	4.63E-02	17673325	17673448	NC_000020.10
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cg14741366	9.05E-15	3.27E-16	8.92	25.9314387	5.68E-02	49571568	49571691	NC_000020.10

cg04845915	9.05E-15	3.28E-16	8.92	25.9311428	1.42E-01	140802804	140802927	NC_000005.9
cg14772925	9.05E-15	3.28E-16	8.92	25.9305029	1.50E-01	100998943	100999066	NC_000011.9
cg17555825	9.10E-15	3.29E-16	8.92	25.925862	1.65E-01	76924190	76924313	NC_000005.9
cg19656577	9.10E-15	3.29E-16	8.92	25.9253596	2.55E-01	3600229	3600352	NC_000012.11
cg19742492	9.12E-15	3.30E-16	8.92	25.9227721	9.12E-02	69937541	69937664	NC_000011.9
cg18016181	9.12E-15	3.30E-16	8.92	25.9223838	2.13E-01	117608	117731	NC_000009.11
cg14056306	9.13E-15	3.31E-16	8.92	25.9220672	3.50E-02	73997820	73997943	NC_000017.10
cg25377605	9.14E-15	3.31E-16	8.92	25.9208699	8.73E-02	10513717	10513840	NC_000008.10
cg14153069	9.20E-15	3.33E-16	8.92	25.9139667	1.02E-01	131683257	131683380	NC_000009.11
cg14910055	9.21E-15	3.34E-16	8.92	25.9129823	9.77E-02	43266228	43266351	NC_000022.10
cg27291304	9.27E-15	3.36E-16	8.92	25.9053785	2.02E-01	22193479	22193602	NC_000019.9
cg11894856	9.30E-15	3.37E-16	8.92	25.9024437	3.09E-02	93327173	93327296	NC_000012.11
cg19543317	9.30E-15	3.37E-16	8.92	25.9023084	1.13E-01	75918155	75918278	NC_000014.8
cg13324546	9.32E-15	3.38E-16	8.92	25.9001082	1.94E-01	23564031	23564154	NC_000008.10
cg01834022	9.32E-15	3.38E-16	8.92	25.8991983	2.40E-01	5710411	5710534	NC_000004.11
cg23093589	9.34E-15	3.39E-16	8.92	25.896932	1.87E-01	20824932	20825055	NC_000007.13
cg12523526	9.38E-15	3.41E-16	8.92	25.8925954	2.67E-01	2756005	2756128	NC_000005.9
cg24517501	9.39E-15	3.41E-16	8.92	25.8913669	1.36E-01	92952702	92952825	NC_000001.10
cg08085772	9.39E-15	3.41E-16	8.92	25.8913107	3.97E-02	12218160	12218283	NC_000003.11
cg08228703	9.40E-15	3.41E-16	8.92	25.8908318	2.49E-01	74893097	74893220	NC_000014.8
cg22418909	9.44E-15	3.43E-16	8.92	25.8859812	1.87E-01	41166738	41166861	NC_000008.10
cg12693436	9.46E-15	3.43E-16	8.92	25.8840733	8.27E-02	47130971	47131094	NC_000010.10
cg17805540	9.47E-15	3.44E-16	8.92	25.8835334	1.82E-01	13543730	13543853	NC_000004.11
cg00497967	9.47E-15	3.44E-16	8.92	25.8828971	1.89E-01	77822438	77822561	NC_000016.9
cg17046577	9.47E-15	3.44E-16	8.92	25.8825336	2.04E-01	84815361	84815484	NC_000007.13

cg22570288	9.49E-15	3.45E-16	8.92	25.8808617	5.17E-02	15970272	15970395	NC_000004.11
cg01721450	9.51E-15	3.45E-16	8.92	25.8784223	8.75E-02	127788457	127788580	NC_000003.11
cg23813156	9.53E-15	3.46E-16	8.92	25.8760349	2.26E-01	47935243	47935366	NC_000020.10
cg04986934	9.56E-15	3.47E-16	8.91	25.8731975	5.61E-02	39019908	39020031	NC_000017.10
cg11184748	9.57E-15	3.48E-16	8.91	25.8717661	1.57E-01	36806179	36806302	NC_000003.11
cg25340966	9.57E-15	3.48E-16	8.91	25.8717094	2.21E-01	119532195	119532318	NC_000001.10
cg10441628	9.59E-15	3.48E-16	8.91	25.870145	1.58E-01	159399432	159399555	NC_000005.9
cg03951603	9.59E-15	3.48E-16	8.91	25.8699859	2.01E-01	89903565	89903688	NC_000015.9
cg01346596	9.59E-15	3.48E-16	8.91	25.8699275	1.98E-01	11868146	11868269	NC_000010.10
cg02320543	9.61E-15	3.49E-16	8.91	25.8673923	2.14E-01	61109545	61109668	NC_000014.8
cg09616494	9.65E-15	3.51E-16	8.91	25.8627311	6.43E-02	36333625	36333748	NC_000004.11
cg21437208	9.66E-15	3.51E-16	8.91	25.8618261	2.38E-02	79935213	79935336	NC_000017.10
cg01959730	9.67E-15	3.52E-16	8.91	25.8607191	2.18E-01	119548825	119548948	NC_000001.10
cg27060240	9.70E-15	3.53E-16	8.91	25.8572556	9.59E-02	62412324	62412447	NC_000002.11
cg10297792	9.76E-15	3.55E-16	8.91	25.8511331	1.77E-01	115129446	115129569	NC_000012.11
cg09175749	9.78E-15	3.56E-16	8.91	25.8494184	2.07E-01	4715467	4715590	NC_000001.10
cg01997272	9.78E-15	3.56E-16	8.91	25.8491282	1.68E-01	103740476	103740599	NC_000014.8
cg11277087	9.81E-15	3.57E-16	8.91	25.8454733	1.96E-01	23258096	23258219	NC_000019.9
cg17498773	9.81E-15	3.57E-16	8.91	25.8453643	2.48E-01	107799532	107799655	NC_000011.9
cg21521683	9.83E-15	3.58E-16	8.91	25.8437411	3.20E-01	22487682	22487805	NC_000012.11
cg10741153	9.86E-15	3.59E-16	8.91	25.8406245	1.88E-01	29284353	29284476	NC_000019.9
cg21068030	9.87E-15	3.59E-16	8.91	25.8390326	1.05E-01	7762413	7762536	NC_000017.10
cg11793699	9.89E-15	3.60E-16	8.91	25.8373701	1.69E-01	156814901	156815024	NC_000001.10
cg12446446	9.91E-15	3.61E-16	8.91	25.8347709	1.30E-01	161865479	161865602	NC_000006.11
cg09822423	9.92E-15	3.61E-16	8.91	25.8342799	7.03E-02	192509700	192509823	NC_000001.10

cg07884222	9.95E-15	3.63E-16	8.91	25.8302979	1.56E-01	60302404	60302527	NC_000015.9
cg00433861	9.97E-15	3.63E-16	8.91	25.8282189	1.41E-01	67070170	67070293	NC_000018.9
cg00344801	9.98E-15	3.64E-16	8.91	25.8275077	1.01E-01	46685728	46685851	NC_000022.10
cg00159100	9.98E-15	3.64E-16	8.91	25.827089	3.09E-01	37487633	37487756	NC_000007.13
cg25439758	9.99E-15	3.64E-16	8.91	25.8260869	9.44E-02	67817606	67817729	NC_000011.9
cg07445112	1.00E-14	3.66E-16	8.91	25.8222678	3.69E-02	45628839	45628962	NC_000022.10
cg21507078	1.00E-14	3.66E-16	8.91	25.821036	1.97E-01	138444145	138444268	NC_000005.9
cg03547757	1.01E-14	3.67E-16	8.91	25.8198492	1.10E-01	57425515	57425638	NC_000020.10
cg24715245	1.01E-14	3.68E-16	8.91	25.8170721	1.67E-01	41258794	41258917	NC_000004.11
cg17349389	1.01E-14	3.68E-16	8.91	25.8161262	2.26E-01	80530770	80530893	NC_000002.11
cg21997986	1.01E-14	3.70E-16	8.9	25.8102237	1.10E-01	102745414	102745537	NC_000004.11
cg24524352	1.02E-14	3.71E-16	8.9	25.8078431	2.58E-01	95522876	95522999	NC_000002.11
cg08893109	1.02E-14	3.71E-16	8.9	25.8069984	1.97E-01	6313050	6313173	NC_000007.13
cg05667379	1.02E-14	3.73E-16	8.9	25.8017922	2.12E-01	115920764	115920887	NC_000002.11
cg04748834	1.03E-14	3.75E-16	8.9	25.7982102	2.53E-01	239229	239352	NC_000003.11
cg09009536	1.03E-14	3.75E-16	8.9	25.7974167	1.95E-01	66535383	66535506	NC_000004.11
cg26772847	1.03E-14	3.75E-16	8.9	25.7968381	1.48E-01	62589487	62589610	NC_000015.9
cg22983083	1.03E-14	3.76E-16	8.9	25.7952737	2.14E-01	8656852	8656975	NC_000019.9
cg25553279	1.03E-14	3.76E-16	8.9	25.7951287	1.20E-01	29203014	29203137	NC_000002.11
cg22771960	1.03E-14	3.77E-16	8.9	25.7912301	1.31E-01	3961667	3961790	NC_000019.9
cg15562912	1.04E-14	3.79E-16	8.9	25.7877023	2.17E-01	140770617	140770740	NC_000003.11
cg05784193	1.04E-14	3.79E-16	8.9	25.7871544	1.83E-01	192847589	192847712	NC_000001.10
cg19234613	1.04E-14	3.79E-16	8.9	25.7857565	8.02E-02	107832502	107832625	NC_000012.11
cg05667348	1.04E-14	3.79E-16	8.9	25.7855058	2.46E-01	118892581	118892704	NC_000010.10
cg26659079	1.04E-14	3.80E-16	8.9	25.7842497	1.88E-01	5836181	5836304	NC_000002.11

cg14271531	1.04E-14	3.81E-16	8.9	25.7815798	2.19E-01	19837622	19837745	NC_000006.11
cg06794543	1.05E-14	3.85E-16	8.9	25.7713728	1.62E-01	42749748	42749871	NC_000015.9
cg25024920	1.05E-14	3.85E-16	8.9	25.7700857	5.91E-02	60783915	60784038	NC_000017.10
cg19203065	1.06E-14	3.89E-16	8.9	25.7613982	5.98E-02	11598968	11599091	NC_000002.11
cg24805411	1.07E-14	3.90E-16	8.9	25.7592921	1.76E-01	56158851	56158974	NC_000019.9
cg12989085	1.07E-14	3.90E-16	8.9	25.7592377	5.61E-02	1367637	1367760	NC_000017.10
cg10613684	1.07E-14	3.92E-16	8.9	25.7539115	1.01E-01	245849102	245849225	NC_000001.10
cg19836431	1.08E-14	3.94E-16	8.9	25.7487377	9.33E-02	66620018	66620141	NC_000011.9
cg15762032	1.08E-14	3.95E-16	8.89	25.7454698	2.03E-01	26506933	26507056	NC_000010.10
cg01748892	1.08E-14	3.96E-16	8.89	25.7423449	1.34E-01	27184667	27184790	NC_000007.13
cg22622477	1.09E-14	3.99E-16	8.89	25.7356461	1.44E-01	46685442	46685565	NC_000017.10
cg14932016	1.09E-14	3.99E-16	8.89	25.7355986	2.81E-01	236849653	236849776	NC_000001.10
cg20980783	1.09E-14	4.00E-16	8.89	25.7328669	2.25E-01	67874178	67874301	NC_000008.10
cg17030173	1.09E-14	4.00E-16	8.89	25.7324076	2.54E-01	16180062	16180185	NC_000005.9
cg23093116	1.10E-14	4.03E-16	8.89	25.7266555	6.23E-02	117489843	117489966	NC_000001.10
cg26053547	1.10E-14	4.04E-16	8.89	25.7241972	6.78E-02	77549871	77549994	NC_000018.9
cg22834052	1.10E-14	4.04E-16	8.89	25.7241436	1.30E-01	86362424	86362547	NC_000002.11
cg17059658	1.10E-14	4.04E-16	8.89	25.7239761	2.60E-01	905101	905224	NC_000018.9
cg17763260	1.10E-14	4.04E-16	8.89	25.7233509	6.97E-02	12969611	12969734	NC_000019.9
cg01910938	1.11E-14	4.06E-16	8.89	25.7195756	3.40E-02	136729091	136729214	NC_000003.11
cg13831540	1.11E-14	4.06E-16	8.89	25.7195066	1.30E-01	130128420	130128543	NC_000007.13
cg05341781	1.11E-14	4.06E-16	8.89	25.7185853	1.87E-01	164723567	164723690	NC_000001.10
cg21743182	1.11E-14	4.07E-16	8.89	25.7156317	1.92E-01	90339132	90339255	NC_000007.13
cg24219966	1.11E-14	4.08E-16	8.89	25.7146191	9.85E-02	224950887	224951010	NC_000002.11
cg08511818	1.11E-14	4.08E-16	8.89	25.7129929	1.45E-01	30104637	30104760	NC_000020.10

cg06310927	1.11E-14	4.08E-16	8.89	25.71279	1.47E-01	114292220	114292343	NC_000013.10
cg20219457	1.11E-14	4.09E-16	8.89	25.7120728	3.23E-01	36705446	36705569	NC_000013.10
cg22448090	1.12E-14	4.09E-16	8.89	25.7107807	7.07E-02	200978598	200978721	NC_000001.10
cg13521620	1.12E-14	4.10E-16	8.89	25.708901	1.89E-01	57410687	57410810	NC_000017.10
cg11644424	1.12E-14	4.10E-16	8.89	25.7088186	8.78E-02	157258856	157258979	NC_000006.11
cg14074285	1.12E-14	4.11E-16	8.89	25.7063338	2.19E-01	4868908	4869031	NC_000004.11
cg03013554	1.13E-14	4.14E-16	8.89	25.6982498	1.02E-01	46320816	46320939	NC_000021.8
cg02570644	1.13E-14	4.17E-16	8.89	25.6931743	1.08E-01	68123248	68123371	NC_000016.9
cg05522774	1.14E-14	4.17E-16	8.89	25.6917696	2.22E-01	34443443	34443566	NC_000021.8
cg26643142	1.14E-14	4.17E-16	8.89	25.6917457	1.75E-01	54399494	54399617	NC_000012.11
cg02743070	1.14E-14	4.18E-16	8.89	25.6889278	1.63E-01	80834309	80834432	NC_000010.10
cg27502580	1.14E-14	4.19E-16	8.89	25.6879698	7.98E-02	169247421	169247544	NC_000003.11
cg25241823	1.14E-14	4.19E-16	8.89	25.6872913	1.27E-01	18983753	18983876	NC_000019.9
cg14078730	1.14E-14	4.20E-16	8.89	25.6839655	1.54E-01	63896557	63896680	NC_000011.9
cg21113776	1.15E-14	4.21E-16	8.88	25.6816071	1.01E-01	2499915	2500038	NC_000007.13
cg00340850	1.15E-14	4.22E-16	8.88	25.6809899	1.88E-01	55500523	55500646	NC_000020.10
cg06572465	1.15E-14	4.22E-16	8.88	25.6803243	2.32E-01	140800929	140801052	NC_000005.9
cg05496377	1.15E-14	4.22E-16	8.88	25.6802825	1.86E-01	1776225	1776348	NC_000019.9
cg22284043	1.15E-14	4.22E-16	8.88	25.6799901	2.25E-01	92051576	92051699	NC_000013.10
cg18127922	1.15E-14	4.23E-16	8.88	25.678933	1.42E-01	46672255	46672378	NC_000017.10
cg25305887	1.15E-14	4.23E-16	8.88	25.6773567	6.73E-02	8555579	8555702	NC_000010.10
cg02653557	1.16E-14	4.25E-16	8.88	25.6741182	2.54E-01	58095424	58095547	NC_000019.9
cg17997363	1.16E-14	4.25E-16	8.88	25.6733006	9.36E-02	123353337	123353460	NC_000010.10
cg02508229	1.16E-14	4.25E-16	8.88	25.6728509	1.78E-01	27336989	27337112	NC_000001.10
cg17103314	1.16E-14	4.26E-16	8.88	25.671509	8.05E-02	51487968	51488091	NC_000019.9



cg22598744	1.16E-14	4.26E-16	8.88	25.6714339	1.17E-01	5890866	5890989	NC_000009.11
cg00120810	1.16E-14	4.29E-16	8.88	25.6651412	9.79E-02	11195317	11195440	NC_000003.11
cg11114242	1.17E-14	4.30E-16	8.88	25.6608769	1.64E-01	136756541	136756664	NC_000006.11
cg05224741	1.17E-14	4.32E-16	8.88	25.6563266	2.70E-01	10422322	10422445	NC_000006.11
cg20889445	1.18E-14	4.33E-16	8.88	25.6557976	1.90E-01	111029566	111029689	NC_000012.11
cg23147373	1.18E-14	4.33E-16	8.88	25.6553157	1.02E-01	64954212	64954335	NC_000014.8
cg02205073	1.18E-14	4.33E-16	8.88	25.6551777	1.81E-01	19175822	19175945	NC_000016.9
cg01583131	1.18E-14	4.34E-16	8.88	25.6531849	1.91E-01	27744675	27744798	NC_000011.9
cg07200060	1.18E-14	4.34E-16	8.88	25.6520977	1.76E-01	78483672	78483795	NC_000010.10
cg08966413	1.18E-14	4.35E-16	8.88	25.651389	6.37E-02	23154937	23155060	NC_000016.9
cg10084644	1.18E-14	4.35E-16	8.88	25.6502062	1.93E-01	99775521	99775644	NC_000007.13
cg05620165	1.18E-14	4.36E-16	8.88	25.6472061	9.06E-02	105583493	105583616	NC_000010.10
cg09147777	1.19E-14	4.37E-16	8.88	25.6459836	1.88E-01	105480771	105480894	NC_000011.9
cg11015251	1.19E-14	4.37E-16	8.88	25.645714	1.40E-01	27170554	27170677	NC_000007.13
cg19358877	1.19E-14	4.40E-16	8.88	25.6397802	2.84E-01	57019279	57019402	NC_000019.9
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cg19628456	1.19E-14	4.40E-16	8.88	25.6387638	8.17E-02	31779381	31779504	NC_000006.11
cg05262549	1.19E-14	4.40E-16	8.88	25.6381785	1.51E-01	183256588	183256711	NC_000001.10
cg21768835	1.20E-14	4.41E-16	8.88	25.6369239	1.16E-01	97857938	97858061	NC_000007.13
cg12050054	1.20E-14	4.41E-16	8.88	25.6367393	6.79E-02	105963656	105963779	NC_000014.8
cg12369869	1.20E-14	4.41E-16	8.88	25.6367146	1.68E-01	184035508	184035631	NC_000003.11
cg06307046	1.20E-14	4.41E-16	8.88	25.6359286	7.39E-02	16685776	16685899	NC_000007.13
cg01856455	1.20E-14	4.42E-16	8.88	25.635456	6.63E-02	22289520	22289643	NC_000022.10
cg15402529	1.20E-14	4.45E-16	8.88	25.628808	1.82E-01	115135333	115135456	NC_000012.11
cg12493761	1.21E-14	4.45E-16	8.88	25.6283256	1.62E-01	43253257	43253380	NC_000012.11

cg15029248	1.21E-14	4.46E-16	8.88	25.6260712	8.50E-02	2379937	2380060	NC_000001.10
cg05663573	1.21E-14	4.46E-16	8.88	25.6258779	2.46E-01	170302890	170303013	NC_000003.11
cg13716840	1.21E-14	4.46E-16	8.88	25.6247869	1.10E-01	956576	956699	NC_000005.9
cg21145136	1.21E-14	4.47E-16	8.88	25.6227184	2.84E-01	84116115	84116238	NC_000015.9
cg10784341	1.21E-14	4.48E-16	8.88	25.622332	1.22E-01	143929300	143929423	NC_000006.11
cg18954144	1.21E-14	4.48E-16	8.88	25.6211233	1.68E-01	5896473	5896596	NC_000002.11
cg00039480	1.21E-14	4.48E-16	8.88	25.6205115	7.85E-02	19620267	19620390	NC_000017.10
cg19076587	1.22E-14	4.49E-16	8.87	25.6182069	9.62E-02	46079554	46079677	NC_000011.9
cg11484576	1.22E-14	4.50E-16	8.87	25.6159499	1.89E-01	63272554	63272677	NC_000011.9
cg07875993	1.22E-14	4.51E-16	8.87	25.6137435	1.19E-01	79096535	79096658	NC_000004.11
cg09034695	1.22E-14	4.52E-16	8.87	25.6127097	9.92E-02	4272875	4272998	NC_000017.10
cg04467618	1.23E-14	4.53E-16	8.87	25.609462	1.78E-01	134210946	134211069	NC_000006.11
cg00006626	1.23E-14	4.55E-16	8.87	25.6069208	1.02E-01	154127462	154127585	NC_000001.10
cg13965272	1.23E-14	4.55E-16	8.87	25.6060919	1.12E-01	117993982	117994105	NC_000009.11
cg16854606	1.23E-14	4.55E-16	8.87	25.6053576	1.38E-01	13080743	13080866	NC_000019.9
cg26279070	1.24E-14	4.60E-16	8.87	25.5956423	1.52E-01	130971343	130971466	NC_000002.11
cg19610529	1.24E-14	4.60E-16	8.87	25.5955862	2.02E-01	61108807	61108930	NC_000014.8
cg07244354	1.25E-14	4.61E-16	8.87	25.5932639	1.25E-01	131757801	131757924	NC_000010.10
cg19449377	1.25E-14	4.61E-16	8.87	25.5927923	1.07E-01	39041199	39041322	NC_000017.10
cg13219127	1.25E-14	4.62E-16	8.87	25.5912875	2.13E-01	1322131	1322254	NC_000011.9
cg02362439	1.25E-14	4.62E-16	8.87	25.5904606	6.66E-02	33171324	33171447	NC_000006.11
cg27376072	1.25E-14	4.63E-16	8.87	25.5886375	5.13E-02	18101567	18101690	NC_000017.10
cg03267742	1.26E-14	4.65E-16	8.87	25.5844408	1.46E-01	686545	686668	NC_000017.10
cg25482786	1.26E-14	4.65E-16	8.87	25.5835445	2.29E-01	238496	238619	NC_000003.11
cg18445088	1.26E-14	4.66E-16	8.87	25.5827963	1.41E-01	40081812	40081935	NC_000022.10

cg13492692	1.26E-14	4.67E-16	8.87	25.5809551	1.79E-01	126777673	126777796	NC_000009.11
cg25368116	1.26E-14	4.67E-16	8.87	25.5800355	1.26E-01	87064843	87064966	NC_000011.9
cg27301032	1.26E-14	4.68E-16	8.87	25.5789083	2.48E-01	112721425	112721548	NC_000013.10
cg07246273	1.26E-14	4.68E-16	8.87	25.5788492	2.57E-01	119212313	119212436	NC_000012.11
cg12973118	1.27E-14	4.69E-16	8.87	25.5749723	1.73E-01	223168941	223169064	NC_000002.11
cg09062462	1.27E-14	4.71E-16	8.87	25.5720054	7.00E-02	85220242	85220365	NC_000001.10
cg03064067	1.27E-14	4.71E-16	8.87	25.5716029	2.47E-01	85306916	85307039	NC_000012.11
cg01381795	1.27E-14	4.72E-16	8.87	25.5700122	1.15E-01	54496611	54496734	NC_000019.9
cg09890775	1.28E-14	4.73E-16	8.87	25.5670278	1.54E-01	131758694	131758817	NC_000010.10
cg00024280	1.29E-14	4.77E-16	8.87	25.5599663	1.87E-01	17501257	17501380	NC_000019.9
cg01148073	1.29E-14	4.78E-16	8.87	25.5574091	1.30E-01	82126267	82126390	NC_000016.9
cg16230141	1.30E-14	4.81E-16	8.86	25.5501967	2.46E-01	37488162	37488285	NC_000007.13
cg10823473	1.30E-14	4.82E-16	8.86	25.5488299	1.48E-01	76630514	76630637	NC_000015.9
cg10989897	1.30E-14	4.83E-16	8.86	25.5468851	2.30E-01	50513645	50513768	NC_000001.10
cg14151976	1.31E-14	4.85E-16	8.86	25.5435572	1.17E-01	37565559	37565682	NC_000009.11
cg21982950	1.31E-14	4.85E-16	8.86	25.5424911	1.86E-01	1876200	1876323	NC_000005.9
cg14062537	1.31E-14	4.87E-16	8.86	25.5387712	1.55E-01	93272333	93272456	NC_000010.10
cg07698121	1.31E-14	4.87E-16	8.86	25.538176	1.84E-01	85659946	85660069	NC_000016.9
cg05111081	1.31E-14	4.88E-16	8.86	25.537073	1.20E-01	92425496	92425619	NC_000015.9
cg12075445	1.32E-14	4.89E-16	8.86	25.5343803	2.84E-01	132906010	132906133	NC_000012.11
cg12524640	1.32E-14	4.90E-16	8.86	25.5329727	1.47E-01	2983056	2983179	NC_000001.10
cg15829622	1.32E-14	4.91E-16	8.86	25.5313535	4.81E-02	45730731	45730854	NC_000021.8
cg21100518	1.32E-14	4.91E-16	8.86	25.5305704	1.29E-01	29595002	29595125	NC_000006.11
cg03512426	1.32E-14	4.92E-16	8.86	25.5289599	1.36E-01	131763683	131763806	NC_000010.10
cg04431946	1.33E-14	4.93E-16	8.86	25.5262005	2.67E-01	47797569	47797692	NC_000002.11

cg12935350	1.33E-14	4.96E-16	8.86	25.5203264	1.81E-01	105697777	105697900	NC_000002.11
cg09792881	1.33E-14	4.96E-16	8.86	25.5201473	2.29E-01	50884544	50884667	NC_000001.10
cg20808078	1.33E-14	4.96E-16	8.86	25.5200168	6.61E-02	68515209	68515332	NC_000001.10
cg25482091	1.34E-14	4.99E-16	8.86	25.515621	8.18E-02	143478766	143478889	NC_000002.11
cg13208922	1.34E-14	4.99E-16	8.86	25.5142578	1.87E-01	299022	299145	NC_000004.11
cg08963972	1.34E-14	5.00E-16	8.86	25.5136725	8.75E-02	5021694	5021817	NC_000004.11
cg26092180	1.35E-14	5.01E-16	8.86	25.5106426	4.30E-02	108310912	108311035	NC_000003.11
cg21907850	1.35E-14	5.02E-16	8.86	25.5095781	1.44E-01	186130024	186130147	NC_000004.11
cg19836595	1.35E-14	5.02E-16	8.86	25.5083865	8.53E-02	115395513	115395636	NC_000003.11
cg15680755	1.35E-14	5.03E-16	8.86	25.507187	2.25E-01	54411668	54411791	NC_000019.9
cg20332645	1.35E-14	5.03E-16	8.86	25.5059882	1.71E-01	1400869	1400992	NC_000004.11
cg18406934	1.35E-14	5.04E-16	8.86	25.505178	1.41E-01	23183238	23183361	NC_000008.10
cg07370496	1.35E-14	5.04E-16	8.86	25.5051509	1.13E-01	36806213	36806336	NC_000003.11
cg00991875	1.35E-14	5.04E-16	8.86	25.5050868	2.09E-01	161100376	161100499	NC_000006.11
cg13609167	1.35E-14	5.04E-16	8.86	25.5044463	7.55E-02	2827061	2827184	NC_000004.11
cg22070991	1.36E-14	5.05E-16	8.86	25.503075	1.89E-01	4856904	4857027	NC_000004.11
cg27454136	1.36E-14	5.05E-16	8.86	25.5026237	2.60E-01	5889876	5889999	NC_000004.11
cg04598121	1.36E-14	5.06E-16	8.86	25.5017636	1.78E-01	57358505	57358628	NC_000008.10
cg08862890	1.36E-14	5.06E-16	8.86	25.5005751	3.42E-01	169064451	169064574	NC_000005.9
cg11197258	1.36E-14	5.07E-16	8.86	25.4997347	2.26E-01	124845001	124845124	NC_000012.11
cg23597629	1.37E-14	5.10E-16	8.85	25.4930874	1.71E-01	229569670	229569793	NC_000001.10
cg21565421	1.37E-14	5.10E-16	8.85	25.4927275	1.36E-01	74592665	74592788	NC_000015.9
cg16357388	1.37E-14	5.10E-16	8.85	25.4923514	2.11E-01	5892083	5892206	NC_000004.11
cg08441170	1.37E-14	5.11E-16	8.85	25.49099	2.72E-01	26223100	26223223	NC_000010.10
cg05058758	1.37E-14	5.12E-16	8.85	25.4896475	1.78E-01	143784246	143784369	NC_000002.11

cg24996709	1.38E-14	5.16E-16	8.85	25.4807102	1.28E-01	33170838	33170961	NC_000006.11
cg21889448	1.39E-14	5.17E-16	8.85	25.4799929	1.53E-01	62637815	62637938	NC_000004.11
cg17307442	1.39E-14	5.17E-16	8.85	25.4796138	2.38E-01	119302053	119302176	NC_000010.10
cg01240056	1.39E-14	5.20E-16	8.85	25.4734035	2.45E-01	1263927	1264050	NC_000007.13
cg07676859	1.39E-14	5.20E-16	8.85	25.4729999	2.61E-01	23015932	23016055	NC_000020.10
cg14662355	1.40E-14	5.21E-16	8.85	25.4716573	2.29E-01	165324810	165324933	NC_000001.10
cg20746830	1.40E-14	5.22E-16	8.85	25.4692731	8.41E-02	94586670	94586793	NC_000001.10
cg07022343	1.40E-14	5.23E-16	8.85	25.4684505	1.57E-01	230208170	230208293	NC_000001.10
cg21301879	1.41E-14	5.25E-16	8.85	25.4652076	6.13E-02	128148379	128148502	NC_000002.11
cg10799327	1.41E-14	5.25E-16	8.85	25.4644487	1.30E-01	170484840	170484963	NC_000003.11
cg02760031	1.41E-14	5.25E-16	8.85	25.4639206	2.13E-01	591151	591274	NC_000020.10
cg13316720	1.41E-14	5.27E-16	8.85	25.4613441	1.29E-01	25840984	25841107	NC_000017.10
cg04961466	1.41E-14	5.27E-16	8.85	25.4610718	2.00E-01	164264985	164265108	NC_000004.11
cg19971655	1.41E-14	5.27E-16	8.85	25.4608194	6.74E-02	55464927	55465050	NC_000001.10
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cg05203875	1.42E-14	5.30E-16	8.85	25.4545349	1.20E-01	1801294	1801417	NC_000004.11
cg03057083	1.42E-14	5.31E-16	8.85	25.4535063	2.78E-01	12995300	12995423	NC_000016.9
cg00589850	1.42E-14	5.31E-16	8.85	25.4528225	1.72E-01	140857995	140858118	NC_000005.9
cg00247557	1.42E-14	5.32E-16	8.85	25.4512881	1.86E-01	5197071	5197194	NC_000018.9
cg25773223	1.42E-14	5.32E-16	8.85	25.4505707	9.32E-02	3680061	3680184	NC_000010.10
cg14741726	1.43E-14	5.34E-16	8.85	25.4482662	1.08E-01	3475262	3475385	NC_000004.11
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cg18328792	1.44E-14	5.39E-16	8.85	25.4387424	1.10E-01	90417102	90417225	NC_000014.8
cg26562772	1.44E-14	5.40E-16	8.85	25.4369644	2.11E-01	221890431	221890554	NC_000001.10

cg04418162	1.44E-14	5.40E-16	8.85	25.4367687	1.41E-01	125687269	125687392	NC_000003.11
cg10277836	1.45E-14	5.42E-16	8.85	25.4329377	1.47E-01	32446172	32446295	NC_000002.11
cg00295382	1.46E-14	5.45E-16	8.84	25.427753	1.81E-01	40364870	40364993	NC_000001.10
cg11711057	1.46E-14	5.48E-16	8.84	25.4228652	1.66E-01	107974444	107974567	NC_000012.11
cg12636882	1.46E-14	5.48E-16	8.84	25.4226727	1.56E-01	3180930	3181053	NC_000004.11
cg17336584	1.47E-14	5.49E-16	8.84	25.4206739	1.95E-01	12750256	12750379	NC_000006.11
cg12926104	1.47E-14	5.51E-16	8.84	25.4160665	2.40E-01	19157339	19157462	NC_000007.13
cg00130866	1.47E-14	5.52E-16	8.84	25.4140461	7.73E-02	124052565	124052688	NC_000008.10
cg14543200	1.48E-14	5.54E-16	8.84	25.4111419	1.30E-01	61977951	61978074	NC_000014.8
cg23650423	1.48E-14	5.54E-16	8.84	25.4106311	2.53E-01	101454676	101454799	NC_000011.9
cg04569082	1.48E-14	5.55E-16	8.84	25.4099364	2.50E-01	127940323	127940446	NC_000012.11
cg05619892	1.49E-14	5.58E-16	8.84	25.4046225	2.46E-01	40755187	40755310	NC_000008.10
cg18034859	1.51E-14	5.67E-16	8.84	25.3881891	6.44E-02	30406688	30406811	NC_000020.10
cg04574459	1.52E-14	5.69E-16	8.84	25.3850283	2.63E-01	47010768	47010891	NC_000021.8
cg14619806	1.53E-14	5.73E-16	8.84	25.3779648	1.07E-01	125768098	125768221	NC_000010.10
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cg15543616	1.53E-14	5.75E-16	8.84	25.3751055	2.13E-01	5019024	5019147	NC_000012.11
cg03603018	1.53E-14	5.76E-16	8.84	25.3726963	8.68E-02	25298714	25298837	NC_000001.10
cg06243393	1.54E-14	5.79E-16	8.84	25.3683104	4.47E-02	9885015	9885138	NC_000018.9
cg08732352	1.54E-14	5.79E-16	8.84	25.3675209	2.35E-01	35298391	35298514	NC_000007.13
cg06520279	1.55E-14	5.83E-16	8.83	25.3609368	9.79E-02	44236918	44237041	NC_000018.9
cg12463703	1.55E-14	5.83E-16	8.83	25.3603701	9.03E-02	127007401	127007524	NC_000003.11
cg11596779	1.55E-14	5.84E-16	8.83	25.3593938	8.14E-02	77188947	77189070	NC_000005.9
cg17165841	1.56E-14	5.85E-16	8.83	25.3568016	2.10E-01	207507001	207507124	NC_000002.11
cg07161721	1.56E-14	5.88E-16	8.83	25.3519674	2.50E-01	72459953	72460076	NC_000008.10

cg16679297	1.56E-14	5.89E-16	8.83	25.3507931	1.76E-01	168534069	168534192	NC_000005.9
cg11957331	1.57E-14	5.90E-16	8.83	25.3493008	2.67E-01	42828156	42828279	NC_000019.9
cg17066932	1.57E-14	5.91E-16	8.83	25.347777	1.07E-01	4312184	4312307	NC_000010.10
cg03572760	1.57E-14	5.91E-16	8.83	25.3472326	9.93E-02	42287595	42287718	NC_000017.10
cg15479964	1.57E-14	5.91E-16	8.83	25.3467302	4.65E-02	99341525	99341648	NC_000010.10
cg24481035	1.57E-14	5.92E-16	8.83	25.3463414	6.15E-02	54388422	54388545	NC_000019.9
cg01105140	1.58E-14	5.94E-16	8.83	25.341509	1.77E-01	149137869	149137992	NC_000001.10
cg12306833	1.58E-14	5.96E-16	8.83	25.3395948	7.86E-02	50227389	50227512	NC_000003.11
cg23036678	1.58E-14	5.97E-16	8.83	25.3381621	1.12E-01	70002831	70002954	NC_000011.9
cg05748163	1.58E-14	5.97E-16	8.83	25.3375808	1.62E-01	25897763	25897886	NC_000008.10
cg15291740	1.59E-14	6.00E-16	8.83	25.3331575	1.79E-01	48478766	48478889	NC_000017.10
cg11213369	1.59E-14	6.00E-16	8.83	25.332614	1.96E-01	1270925	1271048	NC_000007.13
cg25560398	1.59E-14	6.00E-16	8.83	25.3318686	8.42E-02	233252170	233252293	NC_000002.11
cg26764362	1.60E-14	6.03E-16	8.83	25.3281032	7.91E-02	45451585	45451708	NC_000006.11
cg16101806	1.61E-14	6.06E-16	8.83	25.323123	4.24E-02	10701439	10701562	NC_000005.9
cg07936950	1.61E-14	6.06E-16	8.83	25.322763	2.33E-01	172953134	172953257	NC_000002.11
cg24129390	1.61E-14	6.07E-16	8.83	25.3201071	1.74E-01	33780205	33780328	NC_000013.10
cg03984866	1.62E-14	6.12E-16	8.83	25.3127494	1.80E-01	8161776	8161899	NC_000004.11
cg27600205	1.63E-14	6.14E-16	8.83	25.3089615	2.24E-01	134070416	134070539	NC_000004.11
cg16599703	1.63E-14	6.15E-16	8.83	25.3078919	1.96E-01	37500358	37500481	NC_000001.10
cg05356754	1.63E-14	6.16E-16	8.83	25.306771	9.37E-02	24685985	24686108	NC_000014.8
cg10366093	1.65E-14	6.21E-16	8.82	25.2977498	2.10E-01	57414457	57414580	NC_000011.9
cg01823510	1.65E-14	6.22E-16	8.82	25.2971372	2.01E-01	242776354	242776477	NC_000002.11
cg23037403	1.65E-14	6.22E-16	8.82	25.2969968	2.03E-01	178368183	178368306	NC_000005.9
cg02402744	1.65E-14	6.22E-16	8.82	25.2959919	1.31E-01	88261612	88261735	NC_000016.9

cg17478228	1.65E-14	6.23E-16	8.82	25.2946332	1.32E-01	11591593	11591716	NC_000019.9
cg07034660	1.65E-14	6.24E-16	8.82	25.2929911	2.55E-01	38670412	38670535	NC_000007.13
cg13422257	1.67E-14	6.30E-16	8.82	25.2839324	4.85E-02	125801889	125802012	NC_000010.10
cg20870512	1.67E-14	6.32E-16	8.82	25.2804385	2.76E-01	1272515	1272638	NC_000007.13
cg08123207	1.68E-14	6.35E-16	8.82	25.2769164	1.16E-01	32118312	32118435	NC_000006.11
cg13693652	1.68E-14	6.35E-16	8.82	25.2768048	4.84E-02	86888629	86888752	NC_000001.10
cg21786381	1.68E-14	6.35E-16	8.82	25.2759526	1.34E-01	75234078	75234201	NC_000011.9
cg03261948	1.68E-14	6.37E-16	8.82	25.2735227	1.10E-01	30140417	30140540	NC_000006.11
cg09233651	1.69E-14	6.39E-16	8.82	25.2696881	2.06E-01	114838567	114838690	NC_000012.11
cg15082473	1.69E-14	6.40E-16	8.82	25.269063	5.24E-02	114801587	114801710	NC_000013.10
cg12052661	1.70E-14	6.42E-16	8.82	25.2652027	1.30E-01	140772545	140772668	NC_000009.11
cg23833588	1.70E-14	6.44E-16	8.82	25.2616495	3.05E-01	46961583	46961706	NC_000013.10
cg14392740	1.70E-14	6.45E-16	8.82	25.2605139	4.93E-02	44832616	44832739	NC_000015.9
cg15627072	1.71E-14	6.47E-16	8.82	25.257434	1.04E-01	2432621	2432744	NC_000001.10
cg12032648	1.71E-14	6.48E-16	8.82	25.2569439	1.97E-01	166676897	166677020	NC_000002.11
cg01401365	1.71E-14	6.49E-16	8.82	25.2541781	5.31E-02	75314761	75314884	NC_000015.9
cg06439005	1.72E-14	6.51E-16	8.82	25.2518647	1.48E-01	172754848	172754971	NC_000005.9
cg15904939	1.72E-14	6.51E-16	8.82	25.2512951	9.30E-02	1828124	1828247	NC_000019.9
cg15953602	1.73E-14	6.57E-16	8.82	25.2426012	2.04E-01	75896720	75896843	NC_000008.10
cg06833732	1.73E-14	6.57E-16	8.82	25.242041	2.51E-01	175299035	175299158	NC_000005.9
cg08432727	1.73E-14	6.58E-16	8.82	25.2411355	1.86E-01	5831722	5831845	NC_000002.11
cg13519194	1.74E-14	6.59E-16	8.81	25.2394177	1.06E-01	43539572	43539695	NC_000010.10
cg01223193	1.74E-14	6.61E-16	8.81	25.2360625	7.14E-02	89002822	89002945	NC_000015.9
cg15961092	1.74E-14	6.62E-16	8.81	25.2350486	4.49E-02	45681130	45681253	NC_000014.8
cg15353031	1.75E-14	6.63E-16	8.81	25.2338352	2.00E-01	50887632	50887755	NC_000010.10



cg16605327	1.75E-14	6.63E-16	8.81	25.2337787	2.28E-01	114846849	114846972	NC_000012.11
cg24971209	1.75E-14	6.63E-16	8.81	25.2333897	2.32E-01	144242106	144242229	NC_000008.10
cg26349474	1.75E-14	6.65E-16	8.81	25.2314234	1.78E-01	46705637	46705760	NC_000017.10
cg11017065	1.75E-14	6.66E-16	8.81	25.2290393	3.62E-01	128564874	128564997	NC_000011.9
cg12799666	1.76E-14	6.68E-16	8.81	25.2260567	1.23E-01	44066402	44066525	NC_000015.9
cg05583014	1.76E-14	6.69E-16	8.81	25.224735	1.08E-01	48509019	48509142	NC_000003.11
cg15961473	1.76E-14	6.70E-16	8.81	25.2231054	8.05E-02	36646362	36646485	NC_000017.10
cg11994115	1.77E-14	6.71E-16	8.81	25.2217172	9.60E-02	40360856	40360979	NC_000019.9
cg18425434	1.77E-14	6.72E-16	8.81	25.2198609	1.85E-01	118429648	118429771	NC_000010.10
cg06935856	1.77E-14	6.73E-16	8.81	25.218971	7.02E-02	7701546	7701669	NC_000017.10
cg04027805	1.78E-14	6.76E-16	8.81	25.2149359	1.50E-01	4715479	4715602	NC_000001.10
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cg14970666	1.78E-14	6.76E-16	8.81	25.2139759	2.03E-01	2038989	2039112	NC_000005.9
cg09743950	1.78E-14	6.78E-16	8.81	25.2113855	1.84E-01	31341875	31341998	NC_000016.9
cg09969797	1.79E-14	6.80E-16	8.81	25.2086502	8.86E-02	150543360	150543483	NC_000007.13
cg11664500	1.79E-14	6.80E-16	8.81	25.208441	2.63E-01	133562479	133562602	NC_000006.11
cg14037665	1.79E-14	6.82E-16	8.81	25.2054491	2.24E-01	1748617	1748740	NC_000002.11
cg04539515	1.80E-14	6.84E-16	8.81	25.2033061	1.62E-01	221068794	221068917	NC_000001.10
cg04642105	1.80E-14	6.85E-16	8.81	25.2013149	1.54E-01	1239119	1239242	NC_000004.11
cg20704028	1.81E-14	6.87E-16	8.81	25.1982977	7.03E-02	121493706	121493829	NC_000010.10
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cg06536868	1.81E-14	6.88E-16	8.81	25.19739	1.58E-01	27530884	27531007	NC_000002.11
cg01486814	1.81E-14	6.88E-16	8.81	25.1970167	1.71E-01	88799186	88799309	NC_000011.9
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cg13677149	1.81E-14	6.90E-16	8.81	25.1936859	1.92E-01	27284789	27284912	NC_000007.13
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cg13577778	1.87E-14	7.13E-16	8.8	25.1620424	6.93E-02	69481517	69481640	NC_000014.8
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cg15377283	1.87E-14	7.15E-16	8.8	25.159257	2.11E-01	55371369	55371492	NC_000008.10
cg21853871	1.87E-14	7.15E-16	8.8	25.1584843	1.60E-01	46628717	46628840	NC_000017.10
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cg19161124	1.88E-14	7.18E-16	8.8	25.154683	1.43E-01	153583563	153583686	NC_000007.13
cg02216394	1.88E-14	7.19E-16	8.8	25.1539157	9.06E-02	30178715	30178838	NC_000006.11
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cg07052737	1.89E-14	7.22E-16	8.8	25.1488755	1.31E-01	26224428	26224551	NC_000002.11
cg21817858	1.89E-14	7.23E-16	8.8	25.1481902	2.00E-01	141133337	141133460	NC_000005.9
cg12599275	1.89E-14	7.23E-16	8.8	25.1479421	9.89E-02	3011274	3011397	NC_000001.10
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cg24622589	1.91E-14	7.29E-16	8.8	25.1402613	1.68E-01	58613446	58613569	NC_000003.11
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cg15044957	1.92E-14	7.32E-16	8.8	25.1352952	2.25E-01	30038672	30038795	NC_000011.9
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cg12236088	1.92E-14	7.35E-16	8.8	25.1311953	1.20E-01	105275812	105275935	NC_000002.11
cg18487598	1.93E-14	7.38E-16	8.8	25.1279793	1.19E-01	178735372	178735495	NC_000005.9
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cg03251349	1.95E-14	7.49E-16	8.79	25.1133453	6.20E-02	30104916	30105039	NC_000006.11
cg16764637	1.96E-14	7.50E-16	8.79	25.1123553	1.52E-01	27194731	27194854	NC_000007.13
cg27444913	1.96E-14	7.50E-16	8.79	25.1118669	1.21E-01	230244525	230244648	NC_000001.10
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cg12114834	1.97E-14	7.57E-16	8.79	25.1031032	2.27E-01	122848518	122848641	NC_000011.9

cg04598517	1.97E-14	7.57E-16	8.79	25.1022099	2.57E-01	1445542	1445665	NC_000005.9
cg15362695	1.98E-14	7.58E-16	8.79	25.1009476	6.52E-02	156954183	156954306	NC_000006.11
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cg14961476	1.99E-14	7.64E-16	8.79	25.0931279	2.11E-01	9130738	9130861	NC_000001.10
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cg17029062	2.02E-14	7.75E-16	8.79	25.0798776	2.21E-01	32859445	32859568	NC_000003.11
cg19025113	2.02E-14	7.75E-16	8.79	25.0787664	1.87E-01	45155201	45155324	NC_000002.11
cg05756220	2.02E-14	7.76E-16	8.79	25.0785909	2.06E-01	30038685	30038808	NC_000011.9
cg02640041	2.02E-14	7.77E-16	8.79	25.0767424	2.07E-01	33936520	33936643	NC_000005.9
cg27348223	2.03E-14	7.81E-16	8.79	25.0719036	2.07E-01	1445354	1445477	NC_000005.9
cg01569660	2.04E-14	7.82E-16	8.79	25.0703798	8.39E-02	65369213	65369336	NC_000015.9
cg27337021	2.04E-14	7.85E-16	8.79	25.0661744	4.83E-02	139947627	139947750	NC_000005.9
cg19127283	2.05E-14	7.86E-16	8.79	25.0652371	2.51E-01	32859407	32859530	NC_000003.11
cg15149095	2.05E-14	7.86E-16	8.79	25.0650301	1.96E-01	210111672	210111795	NC_000001.10
cg07239452	2.05E-14	7.87E-16	8.79	25.0646067	3.55E-02	1864422	1864545	NC_000008.10
cg05507514	2.05E-14	7.88E-16	8.79	25.062455	1.07E-01	153842846	153842969	NC_000003.11
cg18274480	2.06E-14	7.91E-16	8.79	25.0593898	1.74E-01	145713863	145713986	NC_000005.9
cg08951901	2.07E-14	7.95E-16	8.79	25.0535352	6.92E-02	32052293	32052416	NC_000006.11
cg21244177	2.07E-14	7.97E-16	8.79	25.0522633	1.56E-01	63795848	63795971	NC_000001.10
cg17341170	2.07E-14	7.98E-16	8.78	25.0501078	9.11E-02	2481545	2481668	NC_000011.9
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cg26530498	2.08E-14	8.01E-16	8.78	25.0464349	2.07E-01	119916431	119916554	NC_000002.11
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cg20495476	2.10E-14	8.08E-16	8.78	25.0374894	9.36E-02	32506497	32506620	NC_000022.10
cg19285478	2.10E-14	8.09E-16	8.78	25.0364207	1.57E-01	63849412	63849535	NC_000011.9
cg08934976	2.10E-14	8.10E-16	8.78	25.0357692	6.07E-02	1264529	1264652	NC_000005.9
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cg24543937	2.13E-14	8.20E-16	8.78	25.0238372	1.35E-01	71282102	71282225	NC_000017.10
cg10822665	2.13E-14	8.21E-16	8.78	25.0224026	1.08E-01	1028394	1028517	NC_000017.10
cg05313771	2.14E-14	8.23E-16	8.78	25.0201208	1.87E-01	1762435	1762558	NC_000019.9
cg15699267	2.14E-14	8.25E-16	8.78	25.0180021	2.44E-01	61809557	61809680	NC_000020.10
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cg22129809	2.14E-14	8.25E-16	8.78	25.0169831	8.25E-02	139260099	139260222	NC_000003.11
cg15712559	2.15E-14	8.29E-16	8.78	25.0130372	2.66E-01	58180616	58180739	NC_000020.10
cg02256631	2.15E-14	8.29E-16	8.78	25.0122322	2.80E-01	31342952	31343075	NC_000016.9
cg01574663	2.15E-14	8.30E-16	8.78	25.01131	1.51E-01	22825769	22825892	NC_000016.9
cg24249925	2.16E-14	8.31E-16	8.78	25.0104094	1.51E-01	162702571	162702694	NC_000001.10
cg05392323	2.16E-14	8.32E-16	8.78	25.0097019	1.47E-01	23698143	23698266	NC_000001.10
cg00469207	2.16E-14	8.32E-16	8.78	25.0087283	2.76E-01	152622455	152622578	NC_000007.13
cg24292761	2.16E-14	8.33E-16	8.78	25.0074332	1.71E-01	117584665	117584788	NC_000006.11
cg10443049	2.17E-14	8.35E-16	8.78	25.0053391	2.58E-01	8481537	8481660	NC_000007.13
cg13445199	2.17E-14	8.36E-16	8.78	25.0049889	2.63E-01	10459132	10459255	NC_000004.11
cg20985014	2.17E-14	8.38E-16	8.78	25.0022931	6.03E-02	112374151	112374274	NC_000006.11
cg06845853	2.17E-14	8.38E-16	8.78	25.0021113	1.90E-01	32461240	32461363	NC_000011.9
cg17284168	2.18E-14	8.42E-16	8.78	24.9979155	2.19E-01	134491531	134491654	NC_000006.11
cg11390378	2.18E-14	8.42E-16	8.78	24.9971862	2.35E-01	147576227	147576350	NC_000004.11

cg23918610	2.19E-14	8.47E-16	8.78	24.9917523	3.50E-02	119018141	119018264	NC_000008.10
cg26018544	2.19E-14	8.47E-16	8.78	24.9912286	6.03E-02	25230915	25231038	NC_000001.10
cg23054883	2.20E-14	8.49E-16	8.78	24.9897107	1.84E-01	130647580	130647703	NC_000012.11
cg17839324	2.20E-14	8.51E-16	8.77	24.987154	1.22E-01	3123500	3123623	NC_000001.10
cg16712637	2.22E-14	8.57E-16	8.77	24.9794099	1.78E-01	103352000	103352123	NC_000012.11
cg23901967	2.23E-14	8.61E-16	8.77	24.9753761	1.26E-01	36890321	36890444	NC_000017.10
cg13163930	2.24E-14	8.65E-16	8.77	24.9707969	2.58E-01	27647896	27648019	NC_000006.11
cg14328457	2.24E-14	8.66E-16	8.77	24.9692619	2.14E-01	37381475	37381598	NC_000017.10
cg03707749	2.25E-14	8.69E-16	8.77	24.9655808	1.85E-01	86240461	86240584	NC_000012.11
cg19524723	2.25E-14	8.70E-16	8.77	24.964551	1.29E-01	60052048	60052171	NC_000018.9
cg03874199	2.25E-14	8.71E-16	8.77	24.9642631	1.91E-01	176964456	176964579	NC_000002.11
cg07716052	2.26E-14	8.73E-16	8.77	24.9616045	1.43E-01	32454748	32454871	NC_000011.9
cg23075337	2.27E-14	8.76E-16	8.77	24.9582884	2.19E-01	8481460	8481583	NC_000007.13
cg09088193	2.27E-14	8.78E-16	8.77	24.9557284	9.96E-02	39122765	39122888	NC_000017.10
cg02722434	2.28E-14	8.82E-16	8.77	24.9519745	8.35E-02	91362469	91362592	NC_000015.9
cg17224937	2.29E-14	8.86E-16	8.77	24.9464897	1.51E-01	125055879	125056002	NC_000005.9
cg16007456	2.30E-14	8.90E-16	8.77	24.9426798	2.92E-01	101004638	101004761	NC_000001.10
cg20535425	2.30E-14	8.91E-16	8.77	24.9418926	1.08E-01	57458955	57459078	NC_000004.11
cg07125412	2.31E-14	8.93E-16	8.77	24.9387818	1.33E-01	60770205	60770328	NC_000014.8
cg00378510	2.31E-14	8.96E-16	8.77	24.9358271	1.90E-01	2291020	2291143	NC_000019.9
cg16656895	2.32E-14	8.98E-16	8.77	24.9342124	1.43E-01	119305317	119305440	NC_000010.10
cg21715599	2.32E-14	9.00E-16	8.77	24.9319538	1.04E-01	92463554	92463677	NC_000015.9
cg27513573	2.33E-14	9.01E-16	8.77	24.9307934	2.21E-01	131768098	131768221	NC_000010.10
cg02084912	2.33E-14	9.01E-16	8.77	24.9302687	4.48E-02	10325711	10325834	NC_000003.11
cg25037595	2.33E-14	9.02E-16	8.77	24.9289204	1.51E-01	2756320	2756443	NC_000005.9

cg03934713	2.33E-14	9.03E-16	8.77	24.9287069	1.55E-01	6069198	6069321	NC_000016.9
cg17352045	2.33E-14	9.03E-16	8.77	24.9284909	1.25E-01	32847702	32847825	NC_000006.11
cg27479396	2.34E-14	9.07E-16	8.76	24.9241281	1.13E-01	56215568	56215691	NC_000019.9
cg21170752	2.34E-14	9.08E-16	8.76	24.9222027	3.86E-02	148291514	148291637	NC_000005.9
cg07087457	2.35E-14	9.10E-16	8.76	24.9207248	1.57E-01	135032461	135032584	NC_000010.10
cg07380026	2.35E-14	9.11E-16	8.76	24.9191359	1.39E-01	1296007	1296130	NC_000005.9
cg09899185	2.35E-14	9.13E-16	8.76	24.9178353	2.16E-01	50695720	50695843	NC_000005.9
cg27578381	2.36E-14	9.14E-16	8.76	24.916476	1.55E-01	76814686	76814809	NC_000017.10
cg01572434	2.36E-14	9.15E-16	8.76	24.915087	1.33E-01	130219926	130220049	NC_000005.9
cg27227281	2.36E-14	9.15E-16	8.76	24.9148646	1.13E-01	105026171	105026294	NC_000007.13
cg11418477	2.36E-14	9.17E-16	8.76	24.9129119	1.53E-01	175199741	175199864	NC_000002.11
cg19709146	2.37E-14	9.18E-16	8.76	24.9122603	1.22E-01	47745115	47745238	NC_000011.9
cg05095591	2.37E-14	9.19E-16	8.76	24.9111348	2.39E-01	147129184	147129307	NC_000003.11
cg26937267	2.37E-14	9.20E-16	8.76	24.9096914	5.96E-02	1315171	1315294	NC_000011.9
cg13246235	2.38E-14	9.22E-16	8.76	24.907768	2.17E-01	12749978	12750101	NC_000006.11
cg27510182	2.38E-14	9.22E-16	8.76	24.9076221	2.51E-01	58715553	58715676	NC_000001.10
cg06010032	2.38E-14	9.25E-16	8.76	24.904681	1.86E-01	139508813	139508936	NC_000008.10
cg18836626	2.39E-14	9.29E-16	8.76	24.9005168	2.02E-01	26042746	26042869	NC_000013.10
cg08619712	2.39E-14	9.29E-16	8.76	24.9004074	9.43E-02	2288051	2288174	NC_000011.9
cg15006869	2.40E-14	9.31E-16	8.76	24.8976683	1.07E-01	49141173	49141296	NC_000022.10
cg03985727	2.40E-14	9.32E-16	8.76	24.8968781	2.32E-01	15727525	15727648	NC_000007.13
cg20239565	2.41E-14	9.35E-16	8.76	24.8942864	1.20E-01	80394416	80394539	NC_000017.10
cg27247697	2.41E-14	9.35E-16	8.76	24.8940519	2.28E-01	87018054	87018177	NC_000002.11
cg05309948	2.41E-14	9.35E-16	8.76	24.8933278	2.50E-01	2292447	2292570	NC_000011.9
cg14380840	2.41E-14	9.36E-16	8.76	24.8929551	1.01E-01	3600710	3600833	NC_000010.10

cg00803910	2.41E-14	9.38E-16	8.76	24.8904953	1.45E-01	197896800	197896923	NC_000003.11
cg06496885	2.43E-14	9.43E-16	8.76	24.8848814	7.47E-02	3354972	3355095	NC_000010.10
cg15128876	2.43E-14	9.45E-16	8.76	24.8833077	1.19E-01	161146073	161146196	NC_000001.10
cg16696270	2.44E-14	9.48E-16	8.76	24.8801857	2.01E-01	132052934	132053057	NC_000008.10
cg03328107	2.44E-14	9.49E-16	8.76	24.8790762	8.67E-02	3413994	3414117	NC_000001.10
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cg27535885	2.47E-14	9.59E-16	8.76	24.8684526	8.86E-02	47070807	47070930	NC_000001.10
cg05926586	2.48E-14	9.64E-16	8.76	24.8634408	1.61E-01	74592786	74592909	NC_000015.9
cg24863175	2.48E-14	9.64E-16	8.76	24.8633443	1.25E-01	186840433	186840556	NC_000001.10
cg09979478	2.50E-14	9.71E-16	8.75	24.8559906	2.47E-01	145925997	145926120	NC_000008.10
cg11631547	2.50E-14	9.74E-16	8.75	24.8534671	1.49E-01	113669901	113670024	NC_000011.9
cg19718563	2.51E-14	9.77E-16	8.75	24.8502442	1.47E-01	37266748	37266871	NC_000019.9
cg26516080	2.51E-14	9.78E-16	8.75	24.8497254	7.14E-02	124776158	124776281	NC_000012.11
cg10741478	2.52E-14	9.82E-16	8.75	24.8450057	2.03E-01	35687300	35687423	NC_000007.13
cg05570831	2.52E-14	9.83E-16	8.75	24.8440212	2.61E-02	75513561	75513684	NC_000016.9
cg11540358	2.53E-14	9.84E-16	8.75	24.8431517	3.58E-02	133003684	133003807	NC_000006.11
cg19517718	2.53E-14	9.85E-16	8.75	24.8424507	1.67E-01	1747082	1747205	NC_000002.11
cg17082347	2.54E-14	9.90E-16	8.75	24.8372577	2.14E-01	68118006	68118129	NC_000015.9
cg21366688	2.55E-14	9.95E-16	8.75	24.831984	2.22E-01	134491421	134491544	NC_000006.11
cg21355828	2.57E-14	1.00E-15	8.75	24.8259222	1.65E-01	149389814	149389937	NC_000007.13
cg11708136	2.58E-14	1.01E-15	8.75	24.8197491	1.63E-01	88799191	88799314	NC_000011.9
cg20204986	2.60E-14	1.01E-15	8.75	24.8152809	1.84E-01	32448067	32448190	NC_000011.9
cg07877229	2.60E-14	1.02E-15	8.75	24.8124782	1.12E-01	142554307	142554430	NC_000007.13
cg05784532	2.62E-14	1.02E-15	8.75	24.8049385	1.48E-01	230284198	230284321	NC_000001.10



cg24377495	2.62E-14	1.02E-15	8.75	24.8046551	1.47E-01	6660075	6660198	NC_000019.9
cg27313147	2.63E-14	1.03E-15	8.75	24.8010094	1.20E-01	155679151	155679274	NC_000007.13
cg02730156	2.63E-14	1.03E-15	8.75	24.7999145	1.98E-01	38069950	38070073	NC_000021.8
cg06243084	2.63E-14	1.03E-15	8.74	24.7998344	1.78E-01	63990629	63990752	NC_000011.9
cg01543173	2.64E-14	1.03E-15	8.74	24.7992	2.78E-01	34442534	34442657	NC_000021.8
cg11229862	2.64E-14	1.03E-15	8.74	24.7969076	1.76E-01	126113682	126113805	NC_000003.11
cg22882665	2.65E-14	1.03E-15	8.74	24.7954216	2.60E-01	45241110	45241233	NC_000002.11
cg00022911	2.65E-14	1.04E-15	8.74	24.793157	2.45E-01	19372392	19372515	NC_000019.9
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cg12544557	2.66E-14	1.04E-15	8.74	24.7886225	1.26E-01	39019545	39019668	NC_000017.10
cg02798181	2.67E-14	1.04E-15	8.74	24.7872428	9.73E-02	72820074	72820197	NC_000010.10
cg04638468	2.67E-14	1.04E-15	8.74	24.7858488	2.79E-01	122686453	122686576	NC_000004.11
cg06596654	2.70E-14	1.05E-15	8.74	24.774898	1.39E-01	86527923	86528046	NC_000016.9
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cg20925841	2.73E-14	1.07E-15	8.74	24.7625513	3.06E-01	121104400	121104523	NC_000002.11
cg25951981	2.73E-14	1.07E-15	8.74	24.7613198	1.77E-01	46995743	46995866	NC_000004.11
cg18925664	2.75E-14	1.07E-15	8.74	24.7558558	1.07E-01	95785126	95785249	NC_000011.9
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cg05824757	2.76E-14	1.08E-15	8.74	24.7492807	9.86E-02	72574568	72574691	NC_000010.10
cg12247536	2.77E-14	1.08E-15	8.74	24.7469753	8.35E-02	113428107	113428230	NC_000012.11
cg04220881	2.79E-14	1.09E-15	8.74	24.7387592	1.74E-01	152524814	152524937	NC_000007.13
cg09655666	2.79E-14	1.10E-15	8.74	24.7375644	1.68E-01	34820190	34820313	NC_000017.10
cg18177414	2.80E-14	1.10E-15	8.73	24.7365596	2.24E-01	149389929	149390052	NC_000007.13
cg19368911	2.80E-14	1.10E-15	8.73	24.7363987	1.28E-01	245541456	245541579	NC_000001.10
cg16704073	2.81E-14	1.10E-15	8.73	24.7315331	1.22E-01	64702921	64703044	NC_000011.9
cg11992015	2.81E-14	1.10E-15	8.73	24.7301056	4.29E-02	110876674	110876797	NC_000002.11
cg23921871	2.81E-14	1.10E-15	8.73	24.7300539	1.10E-01	109577383	109577506	NC_000012.11
cg22910462	2.81E-14	1.10E-15	8.73	24.7298742	1.36E-01	17680578	17680701	NC_000022.10
cg11209521	2.82E-14	1.10E-15	8.73	24.7290037	1.65E-01	68209155	68209278	NC_000001.10
cg07090539	2.85E-14	1.12E-15	8.73	24.71874	1.16E-01	70619853	70619976	NC_000017.10
cg19965031	2.85E-14	1.12E-15	8.73	24.7175121	1.14E-01	100038389	100038512	NC_000014.8
cg11727383	2.85E-14	1.12E-15	8.73	24.715798	1.92E-01	102988389	102988512	NC_000010.10
cg06256858	2.85E-14	1.12E-15	8.73	24.7157325	1.66E-01	5890289	5890412	NC_000004.11
cg07462540	2.85E-14	1.12E-15	8.73	24.7155413	2.58E-01	8473279	8473402	NC_000007.13
cg06668555	2.86E-14	1.12E-15	8.73	24.7141544	1.87E-01	139509129	139509252	NC_000008.10
cg14752336	2.86E-14	1.12E-15	8.73	24.7125831	1.63E-01	106400454	106400577	NC_000010.10
cg23180235	2.88E-14	1.13E-15	8.73	24.7056524	8.89E-02	8577752	8577875	NC_000003.11
cg22486834	2.88E-14	1.13E-15	8.73	24.7047135	2.13E-01	52859107	52859230	NC_000006.11
cg10120807	2.89E-14	1.14E-15	8.73	24.7020813	1.82E-01	69350190	69350313	NC_000016.9
cg01935405	2.89E-14	1.14E-15	8.73	24.7020081	1.45E-01	88569083	88569206	NC_000016.9
cg16887170	2.90E-14	1.14E-15	8.73	24.6989043	7.96E-02	19451180	19451303	NC_000017.10
cg01466121	2.90E-14	1.14E-15	8.73	24.6986749	1.00E-01	202136483	202136606	NC_000002.11
cg27160395	2.91E-14	1.14E-15	8.73	24.6960174	1.86E-01	177014949	177015072	NC_000002.11

cg16332701	2.91E-14	1.14E-15	8.73	24.6959771	6.37E-02	3502815	3502938	NC_000002.11
cg03024760	2.91E-14	1.14E-15	8.73	24.6959383	2.36E-01	27215997	27216120	NC_000015.9
cg00892368	2.91E-14	1.14E-15	8.73	24.6953656	1.18E-01	32847704	32847827	NC_000006.11
cg07315755	2.93E-14	1.15E-15	8.73	24.6859309	7.88E-02	90611414	90611537	NC_000015.9
cg21106486	2.95E-14	1.16E-15	8.73	24.6787345	1.71E-01	207843084	207843207	NC_000001.10
cg24896649	2.96E-14	1.16E-15	8.73	24.6781645	2.02E-01	188916726	188916849	NC_000004.11
cg14410016	2.96E-14	1.16E-15	8.73	24.6772644	1.39E-01	176986659	176986782	NC_000002.11
cg26142412	2.97E-14	1.17E-15	8.72	24.6721515	2.44E-01	20185077	20185200	NC_000011.9
cg20900557	2.97E-14	1.17E-15	8.72	24.6716498	9.66E-02	232283631	232283754	NC_000002.11
cg26656135	2.98E-14	1.17E-15	8.72	24.6701313	2.44E-01	133562774	133562897	NC_000006.11
cg01099448	2.99E-14	1.18E-15	8.72	24.6677953	7.76E-02	214182538	214182661	NC_000002.11
cg07552182	2.99E-14	1.18E-15	8.72	24.667001	1.16E-01	89458394	89458517	NC_000005.9
cg03762760	3.00E-14	1.18E-15	8.72	24.661699	1.01E-01	33031216	33031339	NC_000012.11
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cg06344553	3.01E-14	1.18E-15	8.72	24.66069	1.20E-01	131684893	131685016	NC_000010.10
cg21415530	3.01E-14	1.19E-15	8.72	24.6593998	1.63E-01	140715802	140715925	NC_000008.10
cg13496660	3.01E-14	1.19E-15	8.72	24.6582551	1.38E-01	2424182	2424305	NC_000019.9
cg00824767	3.02E-14	1.19E-15	8.72	24.6570992	2.30E-01	23488272	23488395	NC_000010.10
cg12907598	3.02E-14	1.19E-15	8.72	24.6563231	7.71E-02	6676673	6676796	NC_000001.10
cg11466131	3.02E-14	1.19E-15	8.72	24.6539288	1.46E-01	37954778	37954901	NC_000022.10
cg01670677	3.03E-14	1.19E-15	8.72	24.6534674	2.48E-01	71955322	71955445	NC_000011.9
cg09310891	3.03E-14	1.19E-15	8.72	24.6528365	2.55E-01	7854403	7854526	NC_000019.9
cg14888916	3.04E-14	1.20E-15	8.72	24.6493879	2.16E-01	99951420	99951543	NC_000008.10
cg06954368	3.04E-14	1.20E-15	8.72	24.6475968	1.29E-01	38930080	38930203	NC_000005.9
cg06161299	3.04E-14	1.20E-15	8.72	24.6475074	1.06E-01	74633150	74633273	NC_000018.9

cg23346462	3.05E-14	1.20E-15	8.72	24.6448211	2.51E-01	179754533	179754656	NC_000003.11
cg04281464	3.05E-14	1.20E-15	8.72	24.6446515	2.71E-01	70014873	70014996	NC_000014.8
cg11523712	3.06E-14	1.21E-15	8.72	24.6427408	2.15E-01	176957055	176957178	NC_000002.11
cg07211140	3.07E-14	1.21E-15	8.72	24.6390394	1.66E-01	32455025	32455148	NC_000011.9
cg06602871	3.11E-14	1.23E-15	8.72	24.6251714	1.09E-01	66466186	66466309	NC_000016.9
cg01795199	3.12E-14	1.23E-15	8.72	24.6216525	4.97E-02	1808807	1808930	NC_000004.11
cg24125828	3.14E-14	1.24E-15	8.72	24.6147961	1.69E-01	32117049	32117172	NC_000006.11
cg16330450	3.15E-14	1.24E-15	8.71	24.6108965	2.55E-01	53852030	53852153	NC_000008.10
cg21487550	3.15E-14	1.25E-15	8.71	24.6105278	1.34E-01	127056955	127057078	NC_000003.11
cg12594635	3.16E-14	1.25E-15	8.71	24.6087198	1.77E-01	54129457	54129580	NC_000012.11
cg00421139	3.17E-14	1.25E-15	8.71	24.6046906	2.91E-01	97172961	97173084	NC_000008.10
cg02510267	3.17E-14	1.25E-15	8.71	24.6040259	2.31E-01	20690807	20690930	NC_000011.9
cg03442425	3.17E-14	1.25E-15	8.71	24.6035772	2.00E-01	32907639	32907762	NC_000017.10
cg26444528	3.18E-14	1.25E-15	8.71	24.6028729	1.52E-01	58207859	58207982	NC_000013.10
cg20834681	3.18E-14	1.26E-15	8.71	24.6021592	1.32E-01	5153947	5154070	NC_000012.11
cg04973669	3.18E-14	1.26E-15	8.71	24.6014054	8.89E-02	33272928	33273051	NC_000006.11
cg11081638	3.18E-14	1.26E-15	8.71	24.5998973	6.03E-02	58619867	58619990	NC_000003.11
cg15748490	3.19E-14	1.26E-15	8.71	24.5996345	2.34E-01	240254960	240255083	NC_000001.10
cg05687174	3.19E-14	1.26E-15	8.71	24.5986127	1.60E-01	31382507	31382630	NC_000005.9
cg03959937	3.20E-14	1.26E-15	8.71	24.5959404	9.88E-02	10910819	10910942	NC_000016.9
cg26644049	3.20E-14	1.27E-15	8.71	24.5945225	1.31E-01	57276917	57277040	NC_000019.9
cg07103129	3.20E-14	1.27E-15	8.71	24.5937207	1.88E-01	50787964	50788087	NC_000006.11
cg24637252	3.22E-14	1.27E-15	8.71	24.5899999	9.82E-02	71402902	71403025	NC_000015.9
cg03238075	3.22E-14	1.27E-15	8.71	24.5891269	2.25E-01	21113363	21113486	NC_000017.10
cg09500565	3.22E-14	1.27E-15	8.71	24.587451	3.74E-02	100061911	100062034	NC_000002.11

cg03078363	3.23E-14	1.28E-15	8.71	24.5860418	2.24E-01	54408664	54408787	NC_000012.11
cg14658804	3.24E-14	1.28E-15	8.71	24.5824069	2.89E-01	168728213	168728336	NC_000005.9
cg09610766	3.24E-14	1.28E-15	8.71	24.5813686	1.38E-01	105166570	105166693	NC_000003.11
cg15778745	3.25E-14	1.29E-15	8.71	24.5787581	2.86E-01	88324570	88324693	NC_000013.10
cg03062549	3.26E-14	1.29E-15	8.71	24.5754193	2.34E-01	34786594	34786717	NC_000015.9
cg14002960	3.26E-14	1.29E-15	8.71	24.5741322	1.91E-01	31739423	31739546	NC_000018.9
cg18291939	3.29E-14	1.30E-15	8.71	24.5668055	7.61E-02	1219407	1219530	NC_000011.9
cg17153133	3.29E-14	1.30E-15	8.71	24.5667097	1.27E-01	134482010	134482133	NC_000006.11
cg08980987	3.29E-14	1.30E-15	8.71	24.5663369	1.28E-01	25054905	25055028	NC_000012.11
cg00530925	3.29E-14	1.30E-15	8.71	24.5648331	2.54E-01	23463094	23463217	NC_000010.10
cg01703291	3.30E-14	1.31E-15	8.71	24.5634168	1.50E-01	85574661	85574784	NC_000015.9
cg13413955	3.30E-14	1.31E-15	8.71	24.5626679	1.73E-01	842914	843037	NC_000009.11
cg12616421	3.30E-14	1.31E-15	8.71	24.5620307	6.13E-02	32017224	32017347	NC_000006.11
cg17958132	3.30E-14	1.31E-15	8.71	24.5618885	9.98E-02	915739	915862	NC_000017.10
cg11606826	3.31E-14	1.31E-15	8.71	24.5607928	1.61E-01	30540994	30541117	NC_000006.11
cg18197808	3.32E-14	1.31E-15	8.71	24.5572266	1.73E-01	46776356	46776479	NC_000012.11
cg02643054	3.32E-14	1.31E-15	8.71	24.5570719	2.38E-01	27206544	27206667	NC_000007.13
cg23655210	3.32E-14	1.32E-15	8.71	24.5561905	1.55E-01	14129214	14129337	NC_000018.9
cg08620267	3.33E-14	1.32E-15	8.71	24.5547986	7.01E-02	85126437	85126560	NC_000016.9
cg20732478	3.33E-14	1.32E-15	8.71	24.5522445	1.51E-01	176993643	176993766	NC_000002.11
cg26630231	3.33E-14	1.32E-15	8.71	24.5521519	2.13E-01	112726482	112726605	NC_000013.10
cg09450097	3.33E-14	1.32E-15	8.71	24.5517202	9.94E-02	62194059	62194182	NC_000004.11
cg07959138	3.35E-14	1.33E-15	8.7	24.5474305	1.00E-01	87601970	87602093	NC_000001.10
cg18627360	3.35E-14	1.33E-15	8.7	24.5468177	2.50E-01	61809834	61809957	NC_000020.10
cg25570913	3.37E-14	1.33E-15	8.7	24.542065	2.79E-01	112759893	112760016	NC_000013.10

cg18213472	3.37E-14	1.33E-15	8.7	24.5417864	2.52E-01	84419189	84419312	NC_000006.11
cg23876292	3.37E-14	1.34E-15	8.7	24.5416591	1.56E-01	57024517	57024640	NC_000018.9
cg18326819	3.37E-14	1.34E-15	8.7	24.541492	1.24E-01	46801257	46801380	NC_000021.8
cg22591040	3.38E-14	1.34E-15	8.7	24.5366039	9.05E-02	58106772	58106895	NC_000003.11
cg17875845	3.39E-14	1.35E-15	8.7	24.5340804	1.47E-01	87932378	87932501	NC_000004.11
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cg25457200	3.41E-14	1.35E-15	8.7	24.5279299	1.26E-01	65811116	65811239	NC_000015.9
cg06830971	3.41E-14	1.36E-15	8.7	24.5267334	6.54E-02	76890776	76890899	NC_000017.10
cg03557916	3.42E-14	1.36E-15	8.7	24.5256575	1.14E-01	114109949	114110072	NC_000013.10
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cg02467024	3.45E-14	1.37E-15	8.7	24.5144154	1.17E-01	8187972	8188095	NC_000012.11
cg05113373	3.47E-14	1.38E-15	8.7	24.5090614	1.06E-01	962823	962946	NC_000016.9
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cg03532040	3.48E-14	1.38E-15	8.7	24.5072017	1.15E-01	51301449	51301572	NC_000019.9
cg23191956	3.48E-14	1.38E-15	8.7	24.5063493	1.86E-01	29235123	29235246	NC_000014.8
cg14225678	3.48E-14	1.38E-15	8.7	24.5060531	2.95E-01	54612325	54612448	NC_000007.13
cg21707187	3.48E-14	1.39E-15	8.7	24.5052175	2.45E-01	54345862	54345985	NC_000012.11
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cg06324719	3.50E-14	1.39E-15	8.7	24.4989652	1.05E-01	70118762	70118885	NC_000015.9
cg10841552	3.52E-14	1.40E-15	8.7	24.4948185	1.65E-01	20622931	20623054	NC_000011.9
cg09591830	3.54E-14	1.41E-15	8.7	24.4893394	9.25E-02	74975236	74975359	NC_000002.11
cg02522041	3.54E-14	1.41E-15	8.7	24.4885576	9.19E-02	1249008	1249131	NC_000011.9
cg25146557	3.54E-14	1.41E-15	8.7	24.4879713	1.77E-01	207507421	207507544	NC_000002.11
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cg16805094	3.56E-14	1.42E-15	8.69	24.4824301	1.43E-01	169629875	169629998	NC_000006.11

cg27507261	3.57E-14	1.42E-15	8.69	24.4808203	1.67E-01	5403053	5403176	NC_000017.10
cg12573849	3.57E-14	1.42E-15	8.69	24.4797093	1.69E-01	105470711	105470834	NC_000002.11
cg26827852	3.58E-14	1.43E-15	8.69	24.4766899	4.26E-02	89887630	89887753	NC_000001.10
cg10134425	3.59E-14	1.43E-15	8.69	24.4745992	1.10E-01	153934955	153935078	NC_000004.11
cg08911275	3.59E-14	1.43E-15	8.69	24.4744545	3.04E-01	176957462	176957585	NC_000002.11
cg12890291	3.60E-14	1.43E-15	8.69	24.472061	9.44E-02	22234163	22234286	NC_000007.13
cg20684251	3.60E-14	1.43E-15	8.69	24.4718679	4.07E-02	51840554	51840677	NC_000019.9
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cg10448808	3.61E-14	1.44E-15	8.69	24.4691385	2.44E-01	86599745	86599868	NC_000016.9
cg01455981	3.62E-14	1.44E-15	8.69	24.4662406	9.87E-02	20511095	20511218	NC_000001.10
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cg02597299	3.64E-14	1.45E-15	8.69	24.4604245	1.92E-01	151304559	151304682	NC_000005.9
cg24181605	3.64E-14	1.45E-15	8.69	24.4602916	1.56E-01	62458847	62458970	NC_000015.9
cg06020207	3.64E-14	1.45E-15	8.69	24.4599275	1.54E-01	131766412	131766535	NC_000010.10
cg23311929	3.64E-14	1.45E-15	8.69	24.4595903	7.31E-02	126698647	126698770	NC_000010.10
cg07439546	3.64E-14	1.45E-15	8.69	24.4592814	1.71E-01	8813357	8813480	NC_000016.9
cg07609788	3.65E-14	1.45E-15	8.69	24.4574324	1.86E-01	39995652	39995775	NC_000020.10
cg18991611	3.65E-14	1.46E-15	8.69	24.4549036	3.32E-01	49468828	49468951	NC_000008.10
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cg24793584	3.69E-14	1.47E-15	8.69	24.4455686	5.39E-02	80557532	80557655	NC_000017.10
cg05347845	3.69E-14	1.47E-15	8.69	24.4440664	3.36E-01	229569892	229570015	NC_000001.10

cg18680788	3.70E-14	1.48E-15	8.69	24.4414134	2.95E-01	172754896	172755019	NC_000005.9
cg19699140	3.70E-14	1.48E-15	8.69	24.4409352	9.14E-02	53302900	53303023	NC_000013.10
cg26834713	3.71E-14	1.48E-15	8.69	24.4395642	6.17E-02	241567666	241567789	NC_000002.11
cg14638883	3.71E-14	1.48E-15	8.69	24.4387101	2.85E-01	166582201	166582324	NC_000006.11
cg08845023	3.74E-14	1.49E-15	8.69	24.4307614	5.93E-02	125767421	125767544	NC_000010.10
cg08206156	3.75E-14	1.50E-15	8.69	24.4282158	6.61E-02	240658646	240658769	NC_000002.11
cg24211976	3.75E-14	1.50E-15	8.69	24.4280312	1.70E-01	60285744	60285867	NC_000015.9
cg24326021	3.76E-14	1.50E-15	8.69	24.4249291	1.56E-01	56188459	56188582	NC_000019.9
cg21761355	3.76E-14	1.50E-15	8.69	24.4234635	1.15E-01	131930674	131930797	NC_000012.11
cg18849102	3.77E-14	1.51E-15	8.68	24.4204911	1.56E-01	4859935	4860058	NC_000004.11
cg20099968	3.78E-14	1.51E-15	8.68	24.4200171	9.27E-02	1364147	1364270	NC_000004.11
cg18956933	3.78E-14	1.51E-15	8.68	24.4195084	2.28E-01	147136904	147137027	NC_000003.11
cg14629665	3.79E-14	1.52E-15	8.68	24.415815	8.28E-02	136819477	136819600	NC_000009.11
cg23460843	3.79E-14	1.52E-15	8.68	24.4157319	3.02E-01	127644075	127644198	NC_000002.11
cg03281661	3.79E-14	1.52E-15	8.68	24.4148053	2.04E-01	3239458	3239581	NC_000016.9
cg25666233	3.81E-14	1.52E-15	8.68	24.4110223	1.68E-01	74424975	74425098	NC_000015.9
cg02402214	3.82E-14	1.53E-15	8.68	24.4064284	9.21E-02	32046950	32047073	NC_000006.11
cg09463220	3.83E-14	1.53E-15	8.68	24.4051091	1.21E-01	129349316	129349439	NC_000003.11
cg10317138	3.83E-14	1.53E-15	8.68	24.4048972	2.96E-01	128075923	128076046	NC_000010.10
cg15442037	3.83E-14	1.53E-15	8.68	24.4043967	1.51E-01	69286293	69286416	NC_000011.9
cg18514065	3.84E-14	1.54E-15	8.68	24.4019374	1.13E-01	104165052	104165175	NC_000014.8
cg13450437	3.85E-14	1.54E-15	8.68	24.3999449	9.47E-02	133797391	133797514	NC_000009.11
cg20847039	3.85E-14	1.54E-15	8.68	24.3992471	1.42E-01	48388426	48388549	NC_000013.10
cg27392850	3.85E-14	1.54E-15	8.68	24.3990842	2.68E-01	9764073	9764196	NC_000008.10
cg03338754	3.85E-14	1.54E-15	8.68	24.3981222	1.88E-01	113765397	113765520	NC_000013.10



cg03463411	3.86E-14	1.54E-15	8.68	24.3973934	1.68E-01	81118188	81118311	NC_000004.11
cg15452970	3.87E-14	1.55E-15	8.68	24.3941795	1.24E-01	91190620	91190743	NC_000001.10
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cg01943414	3.88E-14	1.55E-15	8.68	24.3915149	4.88E-02	60757632	60757755	NC_000017.10
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cg19244312	3.90E-14	1.56E-15	8.68	24.3859931	1.02E-01	171964315	171964438	NC_000003.11
cg23022999	3.90E-14	1.56E-15	8.68	24.3852145	1.30E-01	39368345	39368468	NC_000019.9
cg24688502	3.91E-14	1.57E-15	8.68	24.3811943	1.06E-01	62159885	62160008	NC_000004.11
cg27226147	3.92E-14	1.57E-15	8.68	24.380991	1.28E-01	27447492	27447615	NC_000006.11
cg27192990	3.92E-14	1.57E-15	8.68	24.3793395	5.18E-02	129479024	129479147	NC_000006.11
cg08482436	3.92E-14	1.57E-15	8.68	24.3790802	2.32E-01	96647888	96648011	NC_000007.13
cg11256132	3.92E-14	1.57E-15	8.68	24.37826	7.04E-02	244515893	244516016	NC_000001.10
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cg08948225	3.93E-14	1.58E-15	8.68	24.3759181	4.39E-02	27288300	27288423	NC_000008.10
cg16072304	3.94E-14	1.58E-15	8.68	24.3744645	1.78E-01	153859646	153859769	NC_000005.9
cg00970313	3.96E-14	1.59E-15	8.68	24.3684907	2.30E-01	37125914	37126037	NC_000014.8
cg15313740	3.97E-14	1.60E-15	8.68	24.3652556	1.51E-01	171625337	171625460	NC_000002.11
cg20989480	3.99E-14	1.60E-15	8.68	24.3613908	9.46E-02	32451461	32451584	NC_000011.9
cg12476242	4.01E-14	1.61E-15	8.67	24.3558642	1.38E-01	127813395	127813518	NC_000003.11
cg18318649	4.02E-14	1.61E-15	8.67	24.3537814	2.52E-01	87974369	87974492	NC_000005.9
cg11797430	4.02E-14	1.62E-15	8.67	24.3528668	1.00E-01	2761364	2761487	NC_000012.11
cg15819352	4.05E-14	1.63E-15	8.67	24.3450398	8.71E-02	1845940	1846063	NC_000001.10
cg08553437	4.06E-14	1.63E-15	8.67	24.3429727	2.48E-01	122686456	122686579	NC_000004.11

cg25898111	4.06E-14	1.63E-15	8.67	24.34149	9.79E-02	3316292	3316415	NC_000010.10
cg22214414	4.07E-14	1.64E-15	8.67	24.3399753	9.98E-02	58507232	58507355	NC_000020.10
cg20764212	4.07E-14	1.64E-15	8.67	24.3397802	8.77E-02	6331035	6331158	NC_000004.11
cg13843613	4.07E-14	1.64E-15	8.67	24.3395974	2.16E-01	177140126	177140249	NC_000001.10
cg17816173	4.08E-14	1.64E-15	8.67	24.3373659	1.49E-01	158377440	158377563	NC_000007.13
cg09615505	4.08E-14	1.64E-15	8.67	24.3370448	2.00E-01	176977285	176977408	NC_000002.11
cg24483767	4.09E-14	1.64E-15	8.67	24.3360416	1.46E-01	46850840	46850963	NC_000021.8
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cg02828785	4.11E-14	1.66E-15	8.67	24.3286223	1.41E-01	12846546	12846669	NC_000012.11
cg03487040	4.13E-14	1.66E-15	8.67	24.3257004	1.00E-01	55511435	55511558	NC_000002.11
cg12314713	4.13E-14	1.66E-15	8.67	24.324747	2.63E-01	47074576	47074699	NC_000017.10
cg22916722	4.13E-14	1.66E-15	8.67	24.3240154	2.37E-01	76605056	76605179	NC_000014.8
cg15084543	4.13E-14	1.66E-15	8.67	24.3238343	2.01E-01	79472408	79472531	NC_000001.10
cg07096883	4.13E-14	1.66E-15	8.67	24.3238093	1.75E-01	149979234	149979357	NC_000007.13
cg05331731	4.14E-14	1.67E-15	8.67	24.3223507	1.49E-01	11147146	11147269	NC_000018.9
cg23540210	4.14E-14	1.67E-15	8.67	24.3212406	1.39E-01	180332054	180332177	NC_000003.11
cg26727693	4.15E-14	1.67E-15	8.67	24.3198467	1.80E-01	63544175	63544298	NC_000012.11
cg02234120	4.15E-14	1.67E-15	8.67	24.3190326	8.33E-02	234626351	234626474	NC_000002.11
cg14408465	4.15E-14	1.67E-15	8.67	24.3187969	2.31E-01	48143434	48143557	NC_000014.8
cg25836061	4.15E-14	1.67E-15	8.67	24.3182584	1.17E-01	19939028	19939151	NC_000022.10
cg21124530	4.16E-14	1.68E-15	8.67	24.3172079	4.20E-02	17689373	17689496	NC_000007.13
cg04386759	4.20E-14	1.69E-15	8.67	24.3067306	2.18E-01	170554795	170554918	NC_000006.11
cg07834249	4.22E-14	1.70E-15	8.67	24.3012018	7.34E-02	495271	495394	NC_000005.9
cg06338562	4.23E-14	1.71E-15	8.67	24.2988039	2.06E-01	37488645	37488768	NC_000007.13
cg00423153	4.24E-14	1.71E-15	8.66	24.2961595	2.22E-01	229046785	229046908	NC_000002.11

cg14273116	4.24E-14	1.71E-15	8.66	24.2960471	1.75E-01	107897	108020	NC_000004.11
cg19115882	4.25E-14	1.72E-15	8.66	24.2934183	1.45E-01	26919145	26919268	NC_000002.11
cg01664666	4.26E-14	1.72E-15	8.66	24.2904805	2.56E-01	242687465	242687588	NC_000001.10
cg06686995	4.27E-14	1.72E-15	8.66	24.289162	8.73E-02	179228489	179228612	NC_000005.9
cg10239098	4.28E-14	1.73E-15	8.66	24.2868498	2.41E-01	176995556	176995679	NC_000002.11
cg09740313	4.28E-14	1.73E-15	8.66	24.2862671	7.83E-02	115540541	115540664	NC_000010.10
cg19305604	4.28E-14	1.73E-15	8.66	24.285509	8.22E-02	132958038	132958161	NC_000012.11
cg18238908	4.29E-14	1.73E-15	8.66	24.2850107	1.37E-01	33893978	33894101	NC_000001.10
cg11064738	4.29E-14	1.73E-15	8.66	24.2848513	1.22E-01	68985557	68985680	NC_000014.8
cg11866396	4.29E-14	1.73E-15	8.66	24.2834324	7.34E-02	5322940	5323063	NC_000017.10
cg13801656	4.30E-14	1.74E-15	8.66	24.2819968	6.94E-02	4685060	4685183	NC_000009.11
cg22715837	4.32E-14	1.75E-15	8.66	24.2757846	2.37E-01	113723162	113723285	NC_000007.13
cg25316120	4.35E-14	1.76E-15	8.66	24.2704397	1.01E-01	106986197	106986320	NC_000002.11
cg04344565	4.38E-14	1.77E-15	8.66	24.2636705	2.11E-01	140715646	140715769	NC_000008.10
cg23156916	4.38E-14	1.77E-15	8.66	24.261611	1.96E-01	688132	688255	NC_000008.10
cg04670857	4.39E-14	1.77E-15	8.66	24.2610741	2.23E-01	79740208	79740331	NC_000002.11
cg08198773	4.39E-14	1.77E-15	8.66	24.2604194	1.05E-01	1697536	1697659	NC_000008.10
cg22624278	4.39E-14	1.78E-15	8.66	24.25945	1.07E-01	131237708	131237831	NC_000012.11
cg00998387	4.40E-14	1.78E-15	8.66	24.2584163	2.28E-01	65281572	65281695	NC_000008.10
cg10967350	4.40E-14	1.78E-15	8.66	24.2572397	1.72E-01	2141304	2141427	NC_000003.11
cg00031013	4.40E-14	1.78E-15	8.66	24.2566041	1.03E-01	7757933	7758056	NC_000017.10
cg13960084	4.41E-14	1.78E-15	8.66	24.2554164	2.01E-01	140773147	140773270	NC_000009.11
cg09364590	4.41E-14	1.78E-15	8.66	24.2553496	1.07E-01	155537901	155538024	NC_000006.11
cg09834794	4.43E-14	1.79E-15	8.66	24.2496737	2.15E-01	147087702	147087825	NC_000003.11
cg13669804	4.43E-14	1.79E-15	8.66	24.2494421	4.72E-02	148712659	148712782	NC_000003.11

cg19046904	4.45E-14	1.80E-15	8.66	24.2444344	1.09E-01	46426201	46426324	NC_000022.10
cg01636354	4.47E-14	1.81E-15	8.66	24.2406663	7.36E-02	134078647	134078770	NC_000003.11
cg13222752	4.47E-14	1.81E-15	8.66	24.2403067	2.31E-01	74892569	74892692	NC_000014.8
cg11573679	4.48E-14	1.81E-15	8.66	24.2385339	2.80E-01	68546467	68546590	NC_000002.11
cg07522372	4.52E-14	1.83E-15	8.65	24.2299367	1.01E-01	13390440	13390563	NC_000018.9
cg17018096	4.52E-14	1.83E-15	8.65	24.2291013	1.51E-01	8657692	8657815	NC_000019.9
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cg05107535	4.52E-14	1.83E-15	8.65	24.2278002	1.71E-01	3242850	3242973	NC_000016.9
cg21701379	4.53E-14	1.84E-15	8.65	24.2259893	1.98E-01	31079694	31079817	NC_000012.11
cg17269633	4.53E-14	1.84E-15	8.65	24.2255158	1.73E-01	42733600	42733723	NC_000017.10
cg24004139	4.54E-14	1.84E-15	8.65	24.223198	7.31E-02	26670703	26670826	NC_000001.10
cg08535373	4.55E-14	1.84E-15	8.65	24.2225363	2.37E-01	37352612	37352735	NC_000020.10
cg27272235	4.55E-14	1.85E-15	8.65	24.2208668	2.03E-01	221061070	221061193	NC_000001.10
cg06525347	4.56E-14	1.85E-15	8.65	24.2191437	1.86E-01	133561630	133561753	NC_000006.11
cg03380645	4.56E-14	1.85E-15	8.65	24.2184931	1.39E-01	85895048	85895171	NC_000002.11
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cg22187630	4.57E-14	1.85E-15	8.65	24.2181974	1.95E-01	13616871	13616994	NC_000019.9
cg27477373	4.57E-14	1.85E-15	8.65	24.2174515	2.93E-01	56879645	56879768	NC_000019.9
cg20098875	4.57E-14	1.86E-15	8.65	24.2160441	1.17E-01	5093370	5093493	NC_000019.9
cg00375589	4.58E-14	1.86E-15	8.65	24.2148714	8.70E-02	15898759	15898882	NC_000003.11
cg13457172	4.60E-14	1.87E-15	8.65	24.2111952	2.43E-01	118897847	118897970	NC_000010.10
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cg06536988	4.60E-14	1.87E-15	8.65	24.2096337	7.77E-02	153586440	153586563	NC_000004.11
cg02878544	4.61E-14	1.87E-15	8.65	24.2071759	1.18E-01	2559709	2559832	NC_000016.9
cg15590989	4.61E-14	1.87E-15	8.65	24.2068812	1.91E-01	183062460	183062583	NC_000004.11

cg13172637	4.62E-14	1.88E-15	8.65	24.2050895	2.64E-01	97685823	97685946	NC_000014.8
cg06432036	4.64E-14	1.88E-15	8.65	24.2016441	1.73E-01	170595385	170595508	NC_000006.11
cg03699182	4.67E-14	1.90E-15	8.65	24.1945747	2.61E-01	121104187	121104310	NC_000002.11
cg27485730	4.68E-14	1.90E-15	8.65	24.1916267	7.60E-02	46857675	46857798	NC_000022.10
cg06239923	4.69E-14	1.91E-15	8.65	24.1899212	1.05E-01	55923774	55923897	NC_000020.10
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cg11799589	4.70E-14	1.91E-15	8.65	24.1877702	1.28E-01	44443270	44443393	NC_000001.10
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cg02013838	4.75E-14	1.93E-15	8.65	24.1769156	2.40E-01	105460715	105460838	NC_000002.11
cg17134770	4.75E-14	1.93E-15	8.65	24.1760378	1.19E-01	183390353	183390476	NC_000001.10
cg07931411	4.78E-14	1.94E-15	8.64	24.170223	2.60E-01	15580721	15580844	NC_000019.9
cg24519147	4.78E-14	1.94E-15	8.64	24.1701651	1.43E-01	188916496	188916619	NC_000004.11
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cg13186590	4.80E-14	1.96E-15	8.64	24.1642411	1.91E-01	5928013	5928136	NC_000004.11
cg03217253	4.82E-14	1.96E-15	8.64	24.1612137	2.30E-01	53758055	53758178	NC_000019.9
cg10498703	4.83E-14	1.97E-15	8.64	24.1578628	1.48E-01	64680996	64681119	NC_000014.8
cg26228014	4.84E-14	1.97E-15	8.64	24.1573752	1.36E-01	47073138	47073261	NC_000001.10
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cg19212391	4.85E-14	1.97E-15	8.64	24.1548391	2.21E-01	72432790	72432913	NC_000017.10

cg19408626	4.86E-14	1.98E-15	8.64	24.1528619	1.51E-01	12189773	12189896	NC_000001.10
cg23824713	4.87E-14	1.98E-15	8.64	24.1503891	1.20E-01	61157738	61157861	NC_000018.9
cg15310492	4.89E-14	1.99E-15	8.64	24.1451505	2.01E-01	30038677	30038800	NC_000011.9
cg06581175	4.89E-14	1.99E-15	8.64	24.1449325	2.12E-01	96632635	96632758	NC_000007.13
cg17802600	4.90E-14	2.00E-15	8.64	24.1432986	2.32E-01	30717501	30717624	NC_000019.9
cg08407434	4.91E-14	2.00E-15	8.64	24.1420951	8.44E-02	43001691	43001814	NC_000020.10
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cg13188011	4.91E-14	2.00E-15	8.64	24.140243	1.88E-01	39319326	39319449	NC_000020.10
cg02302165	4.92E-14	2.01E-15	8.64	24.1391239	7.57E-02	178751288	178751411	NC_000001.10
cg23719508	4.93E-14	2.01E-15	8.64	24.1371903	1.40E-01	2623999	2624122	NC_000007.13
cg23217946	4.99E-14	2.04E-15	8.64	24.1248488	2.29E-01	22817039	22817162	NC_000019.9
cg08629884	5.01E-14	2.05E-15	8.64	24.1200957	1.95E-01	1719983	1720106	NC_000004.11
cg25331550	5.02E-14	2.05E-15	8.64	24.1185557	1.24E-01	3471397	3471520	NC_000004.11
cg27227797	5.04E-14	2.06E-15	8.64	24.1132547	1.28E-01	375831	375954	NC_000019.9
cg00741609	5.05E-14	2.06E-15	8.64	24.1116407	1.81E-01	102893925	102894048	NC_000010.10
cg08004425	5.09E-14	2.08E-15	8.63	24.1038804	2.35E-01	37499547	37499670	NC_000001.10
cg02920216	5.10E-14	2.08E-15	8.63	24.1011661	1.94E-01	19616939	19617062	NC_000021.8
cg00745735	5.11E-14	2.09E-15	8.63	24.0989372	9.80E-02	69868860	69868983	NC_000010.10
cg14510812	5.11E-14	2.09E-15	8.63	24.0986983	2.17E-01	85306797	85306920	NC_000012.11
cg16851046	5.12E-14	2.09E-15	8.63	24.0974764	1.68E-01	21291173	21291296	NC_000013.10
cg15000279	5.13E-14	2.09E-15	8.63	24.0964676	2.11E-01	29285009	29285132	NC_000019.9
cg26850144	5.13E-14	2.09E-15	8.63	24.0963727	1.05E-01	69635508	69635631	NC_000011.9
cg19847945	5.13E-14	2.10E-15	8.63	24.0950159	1.71E-01	60783784	60783907	NC_000017.10
cg13597544	5.16E-14	2.11E-15	8.63	24.0900739	1.12E-01	79365635	79365758	NC_000017.10
cg18309817	5.16E-14	2.11E-15	8.63	24.0896802	1.72E-01	12254153	12254276	NC_000018.9

cg02550218	5.17E-14	2.11E-15	8.63	24.0869247	1.49E-01	89767709	89767832	NC_000005.9
cg15950251	5.17E-14	2.12E-15	8.63	24.0863766	8.45E-02	139658345	139658468	NC_000007.13
cg13909534	5.21E-14	2.13E-15	8.63	24.0800778	2.13E-01	178772372	178772495	NC_000005.9
cg22574825	5.21E-14	2.13E-15	8.63	24.0789	2.47E-01	29068987	29069110	NC_000013.10
cg21042456	5.22E-14	2.13E-15	8.63	24.077623	2.43E-01	1270558	1270681	NC_000007.13
cg08668790	5.22E-14	2.14E-15	8.63	24.077475	2.65E-01	58220662	58220785	NC_000019.9
cg24863335	5.24E-14	2.14E-15	8.63	24.0734636	2.33E-01	70535406	70535529	NC_000018.9
cg15012678	5.25E-14	2.15E-15	8.63	24.07069	1.29E-01	197285336	197285459	NC_000003.11
cg00132208	5.26E-14	2.15E-15	8.63	24.069711	5.90E-02	10120780	10120903	NC_000004.11
cg03307465	5.26E-14	2.15E-15	8.63	24.0689293	2.93E-01	40679519	40679642	NC_000002.11
cg26248537	5.26E-14	2.15E-15	8.63	24.0689119	4.73E-02	8376216	8376339	NC_000001.10
cg26698460	5.27E-14	2.16E-15	8.63	24.0661271	1.69E-01	58716004	58716127	NC_000019.9
cg08845721	5.28E-14	2.16E-15	8.63	24.0644864	1.81E-01	142780693	142780816	NC_000005.9
cg24408656	5.28E-14	2.16E-15	8.63	24.0643736	2.31E-01	21503861	21503984	NC_000020.10
cg06990571	5.31E-14	2.17E-15	8.63	24.0599206	1.76E-01	132986509	132986632	NC_000008.10
cg12860391	5.31E-14	2.18E-15	8.63	24.0589307	2.16E-01	33602821	33602944	NC_000015.9
cg18415687	5.33E-14	2.18E-15	8.63	24.0555208	2.57E-01	35047411	35047534	NC_000015.9
cg12149795	5.34E-14	2.19E-15	8.63	24.053757	1.79E-01	47882121	47882244	NC_000021.8
cg13881299	5.34E-14	2.19E-15	8.63	24.0535435	4.21E-02	122684632	122684755	NC_000012.11
cg01192077	5.35E-14	2.19E-15	8.63	24.0518391	1.46E-01	158523507	158523630	NC_000005.9
cg26170604	5.37E-14	2.20E-15	8.62	24.0467077	2.68E-01	8482614	8482737	NC_000007.13
cg13572145	5.38E-14	2.20E-15	8.62	24.0462896	1.77E-01	80529621	80529744	NC_000002.11
cg26578726	5.39E-14	2.21E-15	8.62	24.0440859	1.42E-01	56289611	56289734	NC_000014.8
cg13068215	5.39E-14	2.21E-15	8.62	24.0429061	2.10E-01	240286481	240286604	NC_000001.10
cg17437939	5.39E-14	2.21E-15	8.62	24.042682	2.64E-01	97361252	97361375	NC_000007.13

cg00795341	5.39E-14	2.21E-15	8.62	24.0425616	2.27E-01	79330929	79331052	NC_000005.9
cg10601026	5.42E-14	2.22E-15	8.62	24.0383307	1.25E-01	64579140	64579263	NC_000010.10
cg23979876	5.43E-14	2.23E-15	8.62	24.0352632	1.11E-01	141299001	141299124	NC_000004.11
cg09553380	5.44E-14	2.23E-15	8.62	24.0336832	2.71E-01	207308829	207308952	NC_000002.11
cg14287112	5.44E-14	2.23E-15	8.62	24.0333904	2.59E-01	133562485	133562608	NC_000006.11
cg23967544	5.44E-14	2.23E-15	8.62	24.0327084	1.59E-01	172672684	172672807	NC_000005.9
cg17003736	5.45E-14	2.24E-15	8.62	24.0318211	1.63E-01	147111308	147111431	NC_000003.11
cg14212402	5.45E-14	2.24E-15	8.62	24.030185	8.89E-02	236300937	236301060	NC_000002.11
cg05349039	5.46E-14	2.24E-15	8.62	24.0292489	7.48E-02	46845110	46845233	NC_000021.8
cg25990363	5.48E-14	2.25E-15	8.62	24.0258231	1.22E-01	4144783	4144906	NC_000004.11
cg20263853	5.50E-14	2.26E-15	8.62	24.0214228	1.37E-01	8824177	8824300	NC_000001.10
cg05089090	5.51E-14	2.26E-15	8.62	24.0196595	2.82E-01	37005570	37005693	NC_000013.10
cg21613389	5.51E-14	2.27E-15	8.62	24.0190321	1.57E-01	2807593	2807716	NC_000017.10
cg05214685	5.52E-14	2.27E-15	8.62	24.0186055	1.72E-01	223177493	223177616	NC_000002.11
cg00951108	5.53E-14	2.27E-15	8.62	24.0149537	4.64E-02	110416982	110417105	NC_000001.10
cg16635314	5.55E-14	2.28E-15	8.62	24.0126924	2.09E-01	31580299	31580422	NC_000016.9
cg06052479	5.55E-14	2.28E-15	8.62	24.0125704	8.65E-02	1050258	1050381	NC_000016.9
cg21930842	5.56E-14	2.29E-15	8.62	24.009329	1.44E-01	241631663	241631786	NC_000002.11
cg21745612	5.59E-14	2.30E-15	8.62	24.0038026	1.91E-01	32907636	32907759	NC_000017.10
cg12460765	5.60E-14	2.30E-15	8.62	24.0026119	2.65E-02	2415105	2415228	NC_000007.13
cg13462129	5.61E-14	2.31E-15	8.62	24.0000526	2.05E-01	96651281	96651404	NC_000007.13
cg16381449	5.62E-14	2.31E-15	8.62	23.9980081	4.38E-02	44281505	44281628	NC_000015.9
cg00920668	5.63E-14	2.32E-15	8.62	23.9967292	1.80E-01	207991122	207991245	NC_000001.10
cg14693804	5.63E-14	2.32E-15	8.62	23.9966607	7.41E-02	92757970	92758093	NC_000005.9
cg06260709	5.63E-14	2.32E-15	8.62	23.9965757	1.17E-01	48626621	48626744	NC_000020.10



cg04131898	5.65E-14	2.32E-15	8.62	23.9937342	1.93E-01	32459428	32459551	NC_000011.9
cg07992340	5.65E-14	2.32E-15	8.62	23.993521	9.86E-02	70320238	70320361	NC_000016.9
cg12124922	5.66E-14	2.33E-15	8.62	23.9913807	2.92E-01	158150649	158150772	NC_000001.10
cg03386971	5.66E-14	2.33E-15	8.62	23.990733	1.09E-01	46328304	46328427	NC_000022.10
cg02808379	5.66E-14	2.33E-15	8.62	23.9902448	8.28E-02	3502739	3502862	NC_000002.11
cg01944655	5.68E-14	2.34E-15	8.62	23.9877276	2.00E-01	119418804	119418927	NC_000012.11
cg23632985	5.70E-14	2.35E-15	8.61	23.9838451	2.36E-01	20184637	20184760	NC_000011.9
cg13490403	5.70E-14	2.35E-15	8.61	23.9831309	2.08E-01	124982413	124982536	NC_000009.11
cg01419567	5.70E-14	2.35E-15	8.61	23.9828706	2.40E-01	77594595	77594718	NC_000008.10
cg16079541	5.70E-14	2.35E-15	8.61	23.9825998	7.54E-02	30848846	30848969	NC_000006.11
cg27111463	5.71E-14	2.35E-15	8.61	23.9823334	2.21E-01	88751405	88751528	NC_000002.11
cg20331241	5.71E-14	2.35E-15	8.61	23.9810867	4.81E-02	32052409	32052532	NC_000006.11
cg05238769	5.71E-14	2.35E-15	8.61	23.9807285	2.03E-01	34399260	34399383	NC_000021.8
cg23865240	5.73E-14	2.36E-15	8.61	23.9771848	1.84E-01	27134109	27134232	NC_000007.13
cg10887069	5.73E-14	2.36E-15	8.61	23.9769064	1.28E-01	178993698	178993821	NC_000001.10
cg06463958	5.75E-14	2.37E-15	8.61	23.9746695	3.08E-01	166582393	166582516	NC_000006.11
cg04702989	5.79E-14	2.39E-15	8.61	23.9672241	1.08E-01	31053962	31054085	NC_000016.9
cg17946668	5.79E-14	2.39E-15	8.61	23.966609	3.69E-02	231006796	231006919	NC_000001.10
cg09684066	5.80E-14	2.39E-15	8.61	23.9657857	1.17E-01	183891565	183891688	NC_000001.10
cg17014436	5.80E-14	2.39E-15	8.61	23.9650142	6.42E-02	45206948	45207071	NC_000021.8
cg09813248	5.80E-14	2.39E-15	8.61	23.9641744	1.73E-01	121164194	121164317	NC_000012.11
cg23971170	5.81E-14	2.40E-15	8.61	23.9630888	2.09E-01	165326269	165326392	NC_000001.10
cg24736989	5.82E-14	2.40E-15	8.61	23.9607813	2.13E-01	60973904	60974027	NC_000014.8
cg03994318	5.86E-14	2.42E-15	8.61	23.954737	2.66E-01	109147921	109148044	NC_000013.10
cg08704302	5.87E-14	2.42E-15	8.61	23.9527172	1.24E-01	65373833	65373956	NC_000015.9

cg14772639	5.89E-14	2.43E-15	8.61	23.9482553	1.36E-01	128711564	128711687	NC_000002.11
cg03847373	5.90E-14	2.44E-15	8.61	23.9465053	2.39E-01	50265767	50265890	NC_000005.9
cg10457689	5.91E-14	2.44E-15	8.61	23.9442265	1.27E-01	66621696	66621819	NC_000008.10
cg10056132	5.92E-14	2.45E-15	8.61	23.9432733	1.66E-01	50887731	50887854	NC_000010.10
cg07922843	5.94E-14	2.46E-15	8.61	23.9393374	1.69E-01	92083173	92083296	NC_000001.10
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cg16706905	5.96E-14	2.46E-15	8.61	23.9364601	4.59E-02	2650027	2650150	NC_000007.13
cg16460383	5.97E-14	2.47E-15	8.61	23.9346586	1.76E-01	818890	819013	NC_000017.10
cg00699993	6.02E-14	2.49E-15	8.61	23.9258881	2.05E-01	158141570	158141693	NC_000004.11
cg16851417	6.02E-14	2.49E-15	8.61	23.9248976	2.03E-01	38077042	38077165	NC_000021.8
cg10859327	6.02E-14	2.49E-15	8.61	23.9244794	1.45E-01	101704782	101704905	NC_000010.10
cg13638420	6.04E-14	2.50E-15	8.61	23.9223918	1.83E-01	32448293	32448416	NC_000011.9
cg13976823	6.04E-14	2.50E-15	8.61	23.9221985	8.39E-02	137396107	137396230	NC_000009.11
cg02333960	6.05E-14	2.51E-15	8.6	23.919018	1.33E-01	1012935	1013058	NC_000007.13
cg13561879	6.09E-14	2.52E-15	8.6	23.9134283	1.76E-01	35092687	35092810	NC_000008.10
cg19810598	6.10E-14	2.53E-15	8.6	23.9117039	2.13E-01	50892674	50892797	NC_000001.10
cg19472098	6.11E-14	2.53E-15	8.6	23.9093034	1.97E-01	175809	175932	NC_000012.11
cg21546671	6.11E-14	2.53E-15	8.6	23.9088592	2.91E-01	46655387	46655510	NC_000017.10
cg05109569	6.12E-14	2.54E-15	8.6	23.9073392	1.57E-01	27146430	27146553	NC_000007.13
cg02960016	6.14E-14	2.54E-15	8.6	23.9046824	8.97E-02	11192067	11192190	NC_000003.11
cg18808076	6.15E-14	2.55E-15	8.6	23.9032533	4.83E-02	3074184	3074307	NC_000011.9
cg16471110	6.15E-14	2.55E-15	8.6	23.9024281	3.47E-02	77133818	77133941	NC_000018.9
cg00933415	6.16E-14	2.56E-15	8.6	23.8999309	6.56E-02	33135453	33135576	NC_000006.11
cg18520696	6.19E-14	2.57E-15	8.6	23.8947944	1.51E-01	4631822	4631945	NC_000017.10
cg00288463	6.20E-14	2.57E-15	8.6	23.8945715	1.21E-01	223382426	223382549	NC_000002.11

cg19047670	6.20E-14	2.57E-15	8.6	23.8936078	7.10E-02	69461451	69461574	NC_000011.9
cg04553307	6.21E-14	2.58E-15	8.6	23.8920757	1.26E-01	922775	922898	NC_000007.13
cg15980539	6.21E-14	2.58E-15	8.6	23.8914987	1.96E-01	152128865	152128988	NC_000006.11
cg09096555	6.22E-14	2.58E-15	8.6	23.8909015	1.33E-01	72848358	72848481	NC_000017.10
cg20631104	6.22E-14	2.58E-15	8.6	23.8904787	2.44E-01	81951446	81951569	NC_000004.11
cg21220614	6.23E-14	2.59E-15	8.6	23.8885508	9.59E-02	43266108	43266231	NC_000022.10
cg07879474	6.24E-14	2.59E-15	8.6	23.8867352	8.26E-02	139064216	139064339	NC_000005.9
cg25741259	6.24E-14	2.59E-15	8.6	23.8864993	1.11E-01	6022752	6022875	NC_000019.9
cg24957532	6.25E-14	2.59E-15	8.6	23.8856608	8.94E-02	118730026	118730149	NC_000005.9
cg01216877	6.26E-14	2.60E-15	8.6	23.8831949	1.37E-01	24869928	24870051	NC_000003.11
cg07969619	6.26E-14	2.60E-15	8.6	23.8831005	2.09E-01	115136279	115136402	NC_000012.11
cg07722657	6.27E-14	2.60E-15	8.6	23.88206	1.64E-01	221060360	221060483	NC_000001.10
cg03159124	6.30E-14	2.62E-15	8.6	23.8767552	2.51E-01	7118077	7118200	NC_000018.9
cg14817655	6.30E-14	2.62E-15	8.6	23.8765628	2.02E-01	188916724	188916847	NC_000004.11
cg03001098	6.31E-14	2.62E-15	8.6	23.8747423	1.22E-01	55712097	55712220	NC_000007.13
cg07126525	6.33E-14	2.63E-15	8.6	23.8716527	2.35E-01	166218519	166218642	NC_000006.11
cg09538603	6.35E-14	2.64E-15	8.6	23.8685335	5.81E-02	11219986	11220109	NC_000016.9
cg26608174	6.35E-14	2.64E-15	8.6	23.8681837	1.63E-01	46711035	46711158	NC_000017.10
cg17816394	6.36E-14	2.64E-15	8.6	23.8667229	2.40E-01	235814009	235814132	NC_000001.10
cg18110483	6.37E-14	2.65E-15	8.6	23.8642013	2.00E-01	79330959	79331082	NC_000005.9
cg03995968	6.38E-14	2.65E-15	8.6	23.8632268	2.08E-01	65953812	65953935	NC_000016.9
cg01307461	6.38E-14	2.65E-15	8.6	23.8629958	5.57E-02	177963966	177964089	NC_000003.11
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cg11649268	6.40E-14	2.66E-15	8.59	23.8589089	5.90E-02	2322610	2322733	NC_000017.10

cg07993372	6.41E-14	2.67E-15	8.59	23.85816	2.92E-02	427084	427207	NC_000016.9
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cg01186062	6.44E-14	2.68E-15	8.59	23.8533177	4.42E-02	66420823	66420946	NC_000007.13
cg15715477	6.45E-14	2.68E-15	8.59	23.8512899	2.41E-01	65283042	65283165	NC_000008.10
cg21019662	6.45E-14	2.68E-15	8.59	23.8512825	1.20E-01	107176420	107176543	NC_000012.11
cg08865099	6.47E-14	2.69E-15	8.59	23.848356	1.54E-01	27281581	27281704	NC_000007.13
cg21711132	6.47E-14	2.69E-15	8.59	23.8481618	2.00E-01	27215952	27216075	NC_000015.9
cg08560111	6.48E-14	2.70E-15	8.59	23.8455199	2.23E-01	19147487	19147610	NC_000007.13
cg25903143	6.50E-14	2.71E-15	8.59	23.8434976	1.41E-01	68920466	68920589	NC_000011.9
cg20498414	6.50E-14	2.71E-15	8.59	23.8426104	2.89E-01	43439400	43439523	NC_000020.10
cg18675097	6.51E-14	2.71E-15	8.59	23.8412599	1.81E-01	28227127	28227250	NC_000006.11
cg14789818	6.52E-14	2.72E-15	8.59	23.8388775	1.50E-01	227748712	227748835	NC_000001.10
cg26555310	6.55E-14	2.73E-15	8.59	23.834318	1.19E-01	68914717	68914840	NC_000001.10
cg17214381	6.57E-14	2.74E-15	8.59	23.8319145	2.14E-01	188916668	188916791	NC_000004.11
cg15843567	6.57E-14	2.74E-15	8.59	23.8312371	2.59E-01	26223206	26223329	NC_000010.10
cg24529858	6.58E-14	2.74E-15	8.59	23.8292252	1.87E-01	187186949	187187072	NC_000004.11
cg06018296	6.61E-14	2.76E-15	8.59	23.8248517	1.10E-01	52707138	52707261	NC_000013.10
cg12120861	6.61E-14	2.76E-15	8.59	23.8245323	1.21E-01	61815378	61815501	NC_000017.10
cg23640615	6.61E-14	2.76E-15	8.59	23.8244518	1.60E-01	40034517	40034640	NC_000001.10
cg01972418	6.63E-14	2.76E-15	8.59	23.8226469	2.14E-01	37125430	37125553	NC_000014.8
cg11282657	6.63E-14	2.76E-15	8.59	23.8222636	1.50E-01	79615101	79615224	NC_000017.10
cg24736380	6.64E-14	2.77E-15	8.59	23.8198481	5.53E-02	3144101	3144224	NC_000010.10
cg11312896	6.66E-14	2.78E-15	8.59	23.816481	2.60E-01	58545122	58545245	NC_000019.9
cg00467553	6.68E-14	2.79E-15	8.59	23.8143143	1.11E-01	38391432	38391555	NC_000009.11
cg26300652	6.68E-14	2.79E-15	8.59	23.8141702	2.41E-01	33593004	33593127	NC_000012.11

cg27170782	6.70E-14	2.80E-15	8.59	23.8113092	2.27E-01	46800028	46800151	NC_000017.10
cg01757312	6.74E-14	2.81E-15	8.59	23.805171	1.73E-01	112720565	112720688	NC_000013.10
cg21128568	6.75E-14	2.82E-15	8.59	23.8038173	1.32E-01	216411327	216411450	NC_000002.11
cg20743280	6.77E-14	2.83E-15	8.59	23.8002805	2.43E-01	22930884	22931007	NC_000018.9
cg14055896	6.77E-14	2.83E-15	8.59	23.7999226	2.44E-01	54481859	54481982	NC_000019.9
cg08421685	6.78E-14	2.83E-15	8.59	23.7987199	2.28E-01	238611	238734	NC_000003.11
cg18799217	6.78E-14	2.83E-15	8.59	23.7979852	1.53E-01	87985589	87985712	NC_000005.9
cg26198463	6.80E-14	2.84E-15	8.58	23.7959732	1.69E-01	72987744	72987867	NC_000008.10
cg05184882	6.83E-14	2.85E-15	8.58	23.7913032	7.64E-02	55509593	55509716	NC_000017.10
cg02323356	6.86E-14	2.87E-15	8.58	23.7868226	1.26E-01	220313153	220313276	NC_000002.11
cg00836482	6.86E-14	2.87E-15	8.58	23.7861285	2.59E-01	119528956	119529079	NC_000003.11
cg22871668	6.87E-14	2.87E-15	8.58	23.7850332	2.66E-01	133562492	133562615	NC_000006.11
cg16393742	6.89E-14	2.88E-15	8.58	23.7824707	1.62E-01	132922227	132922350	NC_000012.11
cg10813720	6.89E-14	2.88E-15	8.58	23.781833	6.62E-02	26670374	26670497	NC_000001.10
cg04141813	6.89E-14	2.88E-15	8.58	23.7814066	2.30E-01	216450	216573	NC_000016.9
cg08958294	6.90E-14	2.88E-15	8.58	23.7805809	2.44E-01	146350131	146350254	NC_000006.11
cg15941948	6.90E-14	2.88E-15	8.58	23.7803556	1.67E-01	2751552	2751675	NC_000005.9
cg19676553	6.91E-14	2.89E-15	8.58	23.7786836	1.48E-01	105751629	105751752	NC_000014.8
cg09853371	6.91E-14	2.89E-15	8.58	23.7781202	2.78E-01	57522145	57522268	NC_000004.11
cg13371883	6.93E-14	2.90E-15	8.58	23.7750172	1.55E-01	101511926	101512049	NC_000002.11
cg02240013	6.94E-14	2.90E-15	8.58	23.7739456	5.23E-02	48680392	48680515	NC_000003.11
cg26526374	6.96E-14	2.91E-15	8.58	23.7712579	2.39E-01	109674854	109674977	NC_000010.10
cg05934012	7.05E-14	2.95E-15	8.58	23.7579053	1.91E-01	1533852	1533975	NC_000001.10
cg01197831	7.06E-14	2.96E-15	8.58	23.7560951	1.19E-01	97355941	97356064	NC_000009.11
cg08195247	7.07E-14	2.96E-15	8.58	23.7552013	2.18E-01	176933286	176933409	NC_000002.11

cg21830459	7.07E-14	2.96E-15	8.58	23.7543765	1.47E-01	17680563	17680686	NC_000022.10
cg02052915	7.10E-14	2.97E-15	8.58	23.750782	1.42E-01	46797568	46797691	NC_000017.10
cg25326048	7.15E-14	2.99E-15	8.58	23.7432968	1.85E-01	153446106	153446229	NC_000007.13
cg13210467	7.15E-14	3.00E-15	8.58	23.7428073	1.32E-01	99775443	99775566	NC_000007.13
cg26051135	7.15E-14	3.00E-15	8.58	23.7424583	6.51E-02	47087133	47087256	NC_000010.10
cg14608424	7.16E-14	3.00E-15	8.58	23.740847	5.27E-02	1079641	1079764	NC_000017.10
cg11273250	7.18E-14	3.01E-15	8.58	23.7387473	6.63E-02	42716703	42716826	NC_000006.11
cg17922359	7.18E-14	3.01E-15	8.58	23.7383252	1.77E-01	13530923	13531046	NC_000004.11
cg12877723	7.18E-14	3.01E-15	8.58	23.7381149	2.03E-01	57358312	57358435	NC_000008.10
cg20527270	7.19E-14	3.02E-15	8.58	23.7364134	2.78E-01	49468688	49468811	NC_000008.10
cg17338208	7.21E-14	3.02E-15	8.57	23.7340519	2.90E-01	93520024	93520147	NC_000007.13
cg15973818	7.21E-14	3.02E-15	8.57	23.733548	1.22E-01	53623995	53624118	NC_000008.10
cg18552380	7.21E-14	3.03E-15	8.57	23.7329635	2.28E-01	97685945	97686068	NC_000014.8
cg25038926	7.24E-14	3.04E-15	8.57	23.7291559	6.86E-02	111556206	111556329	NC_000002.11
cg10531355	7.26E-14	3.05E-15	8.57	23.7266726	1.54E-01	79489249	79489372	NC_000005.9
cg15347189	7.27E-14	3.05E-15	8.57	23.7251714	1.88E-01	187387999	187388122	NC_000003.11
cg01342746	7.27E-14	3.05E-15	8.57	23.7243975	1.52E-01	44449571	44449694	NC_000004.11
cg16791016	7.28E-14	3.05E-15	8.57	23.7238832	4.49E-02	85354618	85354741	NC_000016.9
cg16614288	7.30E-14	3.06E-15	8.57	23.720936	1.05E-01	17608110	17608233	NC_000019.9
cg14367229	7.31E-14	3.07E-15	8.57	23.7193131	1.78E-01	28367741	28367864	NC_000013.10
cg12411964	7.31E-14	3.07E-15	8.57	23.7186484	6.08E-02	66818958	66819081	NC_000001.10
cg18689332	7.33E-14	3.08E-15	8.57	23.7164421	1.70E-01	114837666	114837789	NC_000012.11
cg04452534	7.34E-14	3.08E-15	8.57	23.7147241	1.40E-01	56133370	56133493	NC_000005.9
cg22665696	7.34E-14	3.08E-15	8.57	23.7139173	2.17E-01	131768755	131768878	NC_000010.10
cg09740598	7.35E-14	3.09E-15	8.57	23.7132957	1.30E-01	26808425	26808548	NC_000017.10

cg21959090	7.38E-14	3.10E-15	8.57	23.7091133	7.10E-02	45744435	45744558	NC_000019.9
cg10427452	7.38E-14	3.10E-15	8.57	23.708901	2.63E-01	3122030	3122153	NC_000005.9
cg12882697	7.39E-14	3.11E-15	8.57	23.7074054	1.82E-01	1445549	1445672	NC_000005.9
cg04575427	7.40E-14	3.11E-15	8.57	23.7059628	1.19E-01	44144711	44144834	NC_000020.10
cg20894457	7.44E-14	3.12E-15	8.57	23.7010988	8.80E-02	24584366	24584489	NC_000022.10
cg09527126	7.47E-14	3.14E-15	8.57	23.6961729	2.67E-01	128675283	128675406	NC_000012.11
cg25198120	7.52E-14	3.16E-15	8.57	23.6902577	1.31E-01	121708646	121708769	NC_000003.11
cg14604066	7.52E-14	3.16E-15	8.57	23.6891346	1.56E-01	139590572	139590695	NC_000009.11
cg11413576	7.55E-14	3.18E-15	8.57	23.6853116	1.04E-01	59650783	59650906	NC_000008.10
cg16884902	7.57E-14	3.18E-15	8.57	23.6831405	1.90E-01	20617974	20618097	NC_000011.9
cg18564075	7.58E-14	3.19E-15	8.57	23.6818616	8.57E-02	116705063	116705186	NC_000012.11
cg10770742	7.58E-14	3.19E-15	8.57	23.6818378	2.65E-01	151107285	151107408	NC_000007.13
cg23279152	7.61E-14	3.20E-15	8.57	23.6772794	8.49E-02	75856823	75856946	NC_000004.11
cg07166291	7.62E-14	3.21E-15	8.57	23.6752128	1.50E-01	95971994	95972117	NC_000002.11
cg16136290	7.63E-14	3.21E-15	8.57	23.6738448	7.81E-02	112280233	112280356	NC_000001.10
cg13450005	7.63E-14	3.21E-15	8.57	23.6732975	2.28E-01	32457257	32457380	NC_000011.9
cg07447431	7.63E-14	3.21E-15	8.57	23.6732939	4.39E-02	27795808	27795931	NC_000010.10
cg01019587	7.64E-14	3.21E-15	8.57	23.6730903	2.04E-01	53286921	53287044	NC_000007.13
cg04712635	7.69E-14	3.24E-15	8.56	23.6653249	9.54E-02	141203013	141203136	NC_000005.9
cg25993718	7.71E-14	3.25E-15	8.56	23.66293	1.77E-01	54580196	54580319	NC_000020.10
cg11129341	7.72E-14	3.25E-15	8.56	23.6621072	1.29E-01	19870761	19870884	NC_000011.9
cg04935449	7.72E-14	3.25E-15	8.56	23.6613061	1.77E-01	139208871	139208994	NC_000007.13
cg20823772	7.73E-14	3.26E-15	8.56	23.6605168	1.77E-01	99962013	99962136	NC_000008.10
cg14832406	7.73E-14	3.26E-15	8.56	23.6597638	1.61E-01	75602451	75602574	NC_000001.10
cg20435370	7.73E-14	3.26E-15	8.56	23.6594914	2.00E-01	80646370	80646493	NC_000009.11

cg02145310	7.76E-14	3.27E-15	8.56	23.6560184	1.21E-01	80844809	80844932	NC_000010.10
cg20677171	7.77E-14	3.28E-15	8.56	23.6539207	1.03E-01	56608297	56608420	NC_000019.9
cg14978637	7.78E-14	3.28E-15	8.56	23.6532021	1.31E-01	41950817	41950940	NC_000001.10
cg09628488	7.78E-14	3.28E-15	8.56	23.6527291	1.11E-01	122598941	122599064	NC_000008.10
cg26171271	7.79E-14	3.28E-15	8.56	23.6521081	8.42E-02	36518358	36518481	NC_000006.11
cg20617977	7.79E-14	3.29E-15	8.56	23.651359	9.44E-02	38053457	38053580	NC_000004.11
cg26736812	7.79E-14	3.29E-15	8.56	23.6511529	2.02E-01	48042353	48042476	NC_000017.10
cg09935495	7.79E-14	3.29E-15	8.56	23.6507491	9.27E-02	31690157	31690280	NC_000006.11
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cg10943359	7.81E-14	3.30E-15	8.56	23.6484726	1.64E-01	165304531	165304654	NC_000004.11
cg04115680	7.82E-14	3.30E-15	8.56	23.6473708	2.50E-01	75889229	75889352	NC_000007.13
cg08195921	7.82E-14	3.30E-15	8.56	23.6468276	9.79E-02	131701622	131701745	NC_000012.11
cg16616521	7.85E-14	3.31E-15	8.56	23.643902	2.40E-01	31821388	31821511	NC_000011.9
cg02252323	7.88E-14	3.33E-15	8.56	23.6388452	1.76E-01	22414339	22414462	NC_000003.11
cg10193069	7.89E-14	3.33E-15	8.56	23.6380295	1.57E-01	50058971	50059094	NC_000019.9
cg12679749	7.95E-14	3.36E-15	8.56	23.6306704	9.55E-02	81101251	81101374	NC_000004.11
cg27621129	7.96E-14	3.36E-15	8.56	23.6291751	1.68E-01	19152121	19152244	NC_000007.13
cg19724555	7.97E-14	3.37E-15	8.56	23.6272498	1.96E-01	132906439	132906562	NC_000012.11
cg09403956	7.97E-14	3.37E-15	8.56	23.6268176	1.02E-01	31324774	31324897	NC_000010.10
cg05327864	7.98E-14	3.37E-15	8.56	23.6261092	2.45E-01	136554352	136554475	NC_000007.13
cg20182232	8.00E-14	3.38E-15	8.56	23.6240681	8.69E-02	118865365	118865488	NC_000003.11
cg25729445	8.06E-14	3.41E-15	8.56	23.6156058	1.83E-01	29595347	29595470	NC_000006.11
cg20080983	8.07E-14	3.41E-15	8.56	23.6144842	8.10E-02	29430271	29430394	NC_000022.10
cg09137718	8.09E-14	3.42E-15	8.56	23.6116582	1.15E-01	140239682	140239805	NC_000007.13



cg03790422	8.09E-14	3.42E-15	8.56	23.6114792	3.77E-02	39552818	39552941	NC_000017.10
cg15237494	8.10E-14	3.43E-15	8.55	23.6101049	2.21E-01	28339334	28339457	NC_000021.8
cg00920572	8.11E-14	3.43E-15	8.55	23.6094412	1.29E-01	54349349	54349472	NC_000012.11
cg13764991	8.13E-14	3.44E-15	8.55	23.6065938	2.19E-01	1052046	1052169	NC_000009.11
cg23508264	8.16E-14	3.45E-15	8.55	23.6025874	1.73E-01	62415024	62415147	NC_000011.9
cg24658517	8.17E-14	3.45E-15	8.55	23.6018875	1.65E-01	221065322	221065445	NC_000001.10
cg13791131	8.21E-14	3.47E-15	8.55	23.5966953	2.35E-01	2161892	2162015	NC_000011.9
cg14016236	8.23E-14	3.48E-15	8.55	23.593749	2.19E-01	171792545	171792668	NC_000003.11
cg08468187	8.24E-14	3.49E-15	8.55	23.5930987	1.30E-01	54963323	54963446	NC_000019.9
cg17424999	8.28E-14	3.50E-15	8.55	23.5881064	1.85E-01	20622988	20623111	NC_000011.9
cg07139668	8.29E-14	3.51E-15	8.55	23.5858535	3.35E-02	46686806	46686929	NC_000001.10
cg05783139	8.30E-14	3.52E-15	8.55	23.5847574	2.22E-01	198650985	198651108	NC_000002.11
cg01022121	8.31E-14	3.52E-15	8.55	23.583067	1.07E-01	2410885	2411008	NC_000001.10
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cg04339613	8.32E-14	3.53E-15	8.55	23.5820188	1.28E-01	131757303	131757426	NC_000010.10
cg06219206	8.33E-14	3.53E-15	8.55	23.5807246	1.26E-01	24383177	24383300	NC_000012.11
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cg06879152	8.39E-14	3.56E-15	8.55	23.5734585	1.62E-01	60937041	60937164	NC_000010.10
cg26188621	8.39E-14	3.56E-15	8.55	23.5727993	1.41E-01	76983413	76983536	NC_000010.10
cg11925066	8.40E-14	3.56E-15	8.55	23.5717962	1.24E-01	132182304	132182427	NC_000002.11
cg25321212	8.43E-14	3.57E-15	8.55	23.5684978	9.25E-02	128993187	128993310	NC_000010.10
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cg18417954	8.45E-14	3.59E-15	8.55	23.565359	1.52E-01	55672513	55672636	NC_000019.9

cg16172329	8.48E-14	3.60E-15	8.55	23.5615339	1.71E-01	162907368	162907491	NC_000002.11
cg07483638	8.49E-14	3.60E-15	8.55	23.5604991	5.95E-02	155674621	155674744	NC_000007.13
cg20631014	8.51E-14	3.61E-15	8.55	23.5582548	2.05E-01	84419242	84419365	NC_000006.11
cg12600556	8.51E-14	3.61E-15	8.55	23.5578521	8.96E-02	94504969	94505092	NC_000001.10
cg06598987	8.51E-14	3.61E-15	8.55	23.5578416	6.26E-02	25846548	25846671	NC_000017.10
cg13382504	8.54E-14	3.62E-15	8.55	23.5544344	4.43E-02	112170902	112171025	NC_000006.11
cg00122851	8.55E-14	3.63E-15	8.55	23.5537211	6.13E-02	1413159	1413282	NC_000016.9
cg21539229	8.57E-14	3.64E-15	8.55	23.5506408	1.30E-01	48413146	48413269	NC_000003.11
cg11791452	8.61E-14	3.66E-15	8.54	23.5460394	1.14E-01	121663137	121663260	NC_000002.11
cg04154911	8.62E-14	3.66E-15	8.54	23.5443729	8.21E-02	36725928	36726051	NC_000002.11
cg23262897	8.64E-14	3.67E-15	8.54	23.5419037	1.52E-01	140718655	140718778	NC_000005.9
cg19673418	8.67E-14	3.68E-15	8.54	23.5386448	4.54E-02	31600630	31600753	NC_000006.11
cg18777299	8.67E-14	3.68E-15	8.54	23.5385682	1.52E-01	26994740	26994863	NC_000004.11
cg02837536	8.67E-14	3.68E-15	8.54	23.5383178	2.12E-01	4771682	4771805	NC_000001.10
cg04188273	8.67E-14	3.69E-15	8.54	23.5378895	2.47E-01	110223830	110223953	NC_000004.11
cg08415508	8.69E-14	3.69E-15	8.54	23.5357612	9.81E-02	144303645	144303768	NC_000008.10
cg10586423	8.73E-14	3.71E-15	8.54	23.5318726	8.79E-02	111015513	111015636	NC_000001.10
cg02829688	8.73E-14	3.71E-15	8.54	23.5308273	1.65E-01	119527008	119527131	NC_000001.10
cg23427269	8.75E-14	3.72E-15	8.54	23.5290285	2.75E-01	70995444	70995567	NC_000002.11
cg04481096	8.76E-14	3.72E-15	8.54	23.5277597	2.26E-01	27142100	27142223	NC_000007.13
cg05527869	8.78E-14	3.73E-15	8.54	23.52523	3.17E-01	35294476	35294599	NC_000017.10
cg27582240	8.81E-14	3.75E-15	8.54	23.5216518	1.30E-01	75380514	75380637	NC_000018.9
cg14700684	8.82E-14	3.75E-15	8.54	23.52087	1.11E-01	22086413	22086536	NC_000008.10
cg11410718	8.85E-14	3.77E-15	8.54	23.5168117	1.93E-01	27170412	27170535	NC_000007.13
cg06734979	8.85E-14	3.77E-15	8.54	23.5164794	7.62E-02	88457445	88457568	NC_000016.9

cg24408200	8.88E-14	3.78E-15	8.54	23.5128245	1.10E-01	80914695	80914818	NC_000017.10
cg26186727	8.89E-14	3.79E-15	8.54	23.5117021	1.92E-01	70534534	70534657	NC_000018.9
cg03718025	8.93E-14	3.80E-15	8.54	23.5075193	1.45E-01	12038128	12038251	NC_000018.9
cg08478121	8.94E-14	3.80E-15	8.54	23.5066547	1.31E-01	88545571	88545694	NC_000016.9
cg15990629	8.94E-14	3.81E-15	8.54	23.5062988	1.09E-01	25054873	25054996	NC_000012.11
cg02191909	8.96E-14	3.81E-15	8.54	23.5045452	7.70E-02	33273716	33273839	NC_000006.11
cg14907769	8.98E-14	3.82E-15	8.54	23.5021745	2.30E-01	49468941	49469064	NC_000008.10
cg24835238	9.03E-14	3.85E-15	8.54	23.4958453	1.38E-01	34872733	34872856	NC_000015.9
cg05726756	9.04E-14	3.85E-15	8.54	23.4952204	1.86E-01	46608288	46608411	NC_000017.10
cg21942576	9.04E-14	3.85E-15	8.54	23.4950527	9.97E-02	46126885	46127008	NC_000001.10
cg02745211	9.04E-14	3.85E-15	8.54	23.4945845	2.67E-01	132757106	132757229	NC_000003.11
cg07102450	9.05E-14	3.86E-15	8.54	23.493627	8.99E-02	4355464	4355587	NC_000016.9
cg09573795	9.05E-14	3.86E-15	8.54	23.4934297	1.63E-01	4863874	4863997	NC_000004.11
cg24928938	9.07E-14	3.86E-15	8.54	23.4915928	6.61E-02	4371934	4372057	NC_000019.9
cg10539928	9.07E-14	3.87E-15	8.54	23.4909841	4.80E-02	164693462	164693585	NC_000001.10
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cg01998213	9.10E-14	3.88E-15	8.54	23.4877929	1.96E-01	19149989	19150112	NC_000007.13
cg13589108	9.11E-14	3.88E-15	8.54	23.4864957	2.39E-01	177140680	177140803	NC_000001.10
cg05524354	9.12E-14	3.89E-15	8.53	23.4850282	1.55E-01	129797760	129797883	NC_000010.10
cg10157936	9.17E-14	3.91E-15	8.53	23.4798249	1.01E-01	105220767	105220890	NC_000014.8
cg24216506	9.18E-14	3.91E-15	8.53	23.4785737	8.66E-02	3572257	3572380	NC_000010.10
cg10985956	9.18E-14	3.92E-15	8.53	23.4783326	6.94E-02	87774698	87774821	NC_000001.10
cg12300724	9.19E-14	3.92E-15	8.53	23.4774768	2.37E-01	72460135	72460258	NC_000008.10
cg05787507	9.19E-14	3.92E-15	8.53	23.4772191	4.74E-02	32751472	32751595	NC_000001.10
cg04249522	9.19E-14	3.92E-15	8.53	23.4771361	2.09E-01	166218512	166218635	NC_000006.11

cg15725639	9.20E-14	3.92E-15	8.53	23.4762204	1.62E-01	47856924	47857047	NC_000019.9
cg17612681	9.21E-14	3.93E-15	8.53	23.474699	1.36E-01	66298197	66298320	NC_000002.11
cg02463137	9.23E-14	3.94E-15	8.53	23.4720142	7.74E-02	125778039	125778162	NC_000010.10
cg08732466	9.25E-14	3.95E-15	8.53	23.4699347	1.44E-01	2982592	2982715	NC_000001.10
cg08337773	9.25E-14	3.95E-15	8.53	23.4697916	7.58E-02	72100575	72100698	NC_000015.9
cg14695492	9.28E-14	3.96E-15	8.53	23.4660971	1.51E-01	143545574	143545697	NC_000008.10
cg17208528	9.31E-14	3.97E-15	8.53	23.4637843	2.54E-01	134211114	134211237	NC_000006.11
cg06720014	9.31E-14	3.98E-15	8.53	23.4630928	7.46E-02	19390728	19390851	NC_000001.10
cg23646375	9.33E-14	3.98E-15	8.53	23.4612431	1.62E-01	209847618	209847741	NC_000001.10
cg18539122	9.34E-14	3.99E-15	8.53	23.4599997	2.00E-01	79169872	79169995	NC_000013.10
cg23538468	9.34E-14	3.99E-15	8.53	23.4599071	9.76E-02	140588019	140588142	NC_000009.11
cg25938646	9.35E-14	3.99E-15	8.53	23.4587059	1.94E-01	84456681	84456804	NC_000013.10
cg06337342	9.37E-14	4.00E-15	8.53	23.4565273	7.55E-02	27963567	27963690	NC_000007.13
cg11724970	9.40E-14	4.02E-15	8.53	23.4528918	1.51E-01	27182493	27182616	NC_000007.13
cg02662828	9.41E-14	4.02E-15	8.53	23.4521115	1.13E-01	48492848	48492971	NC_000004.11
cg26101942	9.44E-14	4.04E-15	8.53	23.4480403	7.10E-02	28232176	28232299	NC_000008.10
cg12689205	9.44E-14	4.04E-15	8.53	23.44778	1.30E-01	110321674	110321797	NC_000013.10
cg22769941	9.46E-14	4.04E-15	8.53	23.4463515	2.42E-01	20690628	20690751	NC_000011.9
cg17322443	9.47E-14	4.05E-15	8.53	23.4453842	1.76E-01	152133420	152133543	NC_000007.13
cg12143789	9.49E-14	4.06E-15	8.53	23.4433179	2.26E-01	72594461	72594584	NC_000005.9
cg10931190	9.52E-14	4.07E-15	8.53	23.4396485	1.91E-01	110406506	110406629	NC_000005.9
cg09316122	9.52E-14	4.07E-15	8.53	23.439088	2.31E-01	228195522	228195645	NC_000001.10
cg17039236	9.54E-14	4.08E-15	8.53	23.4369768	2.12E-01	77548049	77548172	NC_000018.9
cg12467749	9.55E-14	4.08E-15	8.53	23.4364402	2.12E-01	35294430	35294553	NC_000007.13
cg10984178	9.56E-14	4.09E-15	8.53	23.4349596	1.15E-01	946099	946222	NC_000001.10

cg13914354	9.56E-14	4.09E-15	8.53	23.4348173	1.02E-01	139118767	139118890	NC_000009.11
cg10602135	9.57E-14	4.09E-15	8.53	23.4341294	4.94E-02	167645394	167645517	NC_000005.9
cg14473327	9.57E-14	4.10E-15	8.53	23.4339526	2.40E-01	976634	976757	NC_000009.11
cg22157015	9.58E-14	4.10E-15	8.53	23.4324812	4.29E-02	38120891	38121014	NC_000006.11
cg15465878	9.59E-14	4.11E-15	8.53	23.4310911	4.26E-02	45183988	45184111	NC_000001.10
cg13929627	9.60E-14	4.11E-15	8.53	23.4308308	1.71E-01	79635445	79635568	NC_000009.11
cg19815574	9.60E-14	4.11E-15	8.53	23.4302119	1.23E-01	47152384	47152507	NC_000019.9
cg19861858	9.61E-14	4.11E-15	8.53	23.4292941	1.25E-01	1019352	1019475	NC_000008.10
cg03882167	9.61E-14	4.12E-15	8.53	23.4291218	2.28E-01	131514163	131514286	NC_000002.11
cg24228819	9.61E-14	4.12E-15	8.53	23.4289788	2.34E-01	136553868	136553991	NC_000007.13
cg14361001	9.64E-14	4.13E-15	8.53	23.4257011	1.21E-01	83989198	83989321	NC_000009.11
cg09234518	9.66E-14	4.14E-15	8.53	23.4238542	1.98E-01	24771114	24771237	NC_000008.10
cg16654801	9.73E-14	4.17E-15	8.52	23.4162403	1.75E-01	119301763	119301886	NC_000010.10
cg01637244	9.74E-14	4.18E-15	8.52	23.4146351	1.54E-01	25833304	25833427	NC_000003.11
cg02437766	9.75E-14	4.18E-15	8.52	23.4132255	9.76E-02	53483018	53483141	NC_000005.9
cg15123428	9.78E-14	4.19E-15	8.52	23.4108969	1.88E-01	10186139	10186262	NC_000002.11
cg03526459	9.79E-14	4.20E-15	8.52	23.4093985	1.95E-01	146549940	146550063	NC_000001.10
cg13023870	9.80E-14	4.21E-15	8.52	23.4076362	2.26E-01	37124018	37124141	NC_000014.8
cg13808012	9.80E-14	4.21E-15	8.52	23.4075574	1.41E-01	244094935	244095058	NC_000001.10
cg03323696	9.81E-14	4.21E-15	8.52	23.4073785	1.86E-01	59189120	59189243	NC_000005.9
cg05134015	9.81E-14	4.21E-15	8.52	23.4072464	1.80E-01	36973365	36973488	NC_000014.8
cg14172137	9.84E-14	4.22E-15	8.52	23.4041026	9.95E-02	114725242	114725365	NC_000006.11
cg11642106	9.85E-14	4.23E-15	8.52	23.4026425	2.08E-01	27772805	27772928	NC_000003.11
cg12877251	9.85E-14	4.23E-15	8.52	23.4022773	2.72E-01	9760880	9761003	NC_000008.10
cg06723694	9.85E-14	4.23E-15	8.52	23.402136	6.01E-02	1034059	1034182	NC_000016.9

cg04439561	9.87E-14	4.24E-15	8.52	23.4002489	1.72E-01	5541403	5541526	NC_000012.11
cg03485909	9.89E-14	4.25E-15	8.52	23.3983199	1.33E-01	121033957	121034080	NC_000007.13
cg11549166	9.89E-14	4.25E-15	8.52	23.3975881	6.14E-02	1846098	1846221	NC_000001.10
cg15839088	9.90E-14	4.25E-15	8.52	23.3967025	1.46E-01	71316797	71316920	NC_000005.9
cg11940973	9.92E-14	4.26E-15	8.52	23.3947396	1.19E-01	145939975	145940098	NC_000005.9
cg06817534	9.93E-14	4.27E-15	8.52	23.3937573	5.17E-02	12025211	12025334	NC_000006.11
cg10857427	9.93E-14	4.27E-15	8.52	23.3928631	1.65E-01	15091492	15091615	NC_000012.11
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cg24437715	9.95E-14	4.28E-15	8.52	23.3914125	2.05E-01	237072391	237072514	NC_000002.11
cg10522607	9.95E-14	4.28E-15	8.52	23.3908325	1.65E-01	1595933	1596056	NC_000002.11
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cg03782202	9.97E-14	4.28E-15	8.52	23.3894174	1.43E-01	176971820	176971943	NC_000002.11
cg01638592	1.00E-13	4.31E-15	8.52	23.3844949	3.01E-01	111472183	111472306	NC_000012.11
cg19068510	1.00E-13	4.31E-15	8.52	23.3842683	2.44E-01	100642106	100642229	NC_000013.10
cg08095183	1.00E-13	4.31E-15	8.52	23.3825088	9.09E-02	69947048	69947171	NC_000011.9
cg02071005	1.00E-13	4.32E-15	8.52	23.3805622	2.17E-01	175200844	175200967	NC_000002.11
cg23008562	1.01E-13	4.33E-15	8.52	23.3790905	9.45E-02	2891065	2891188	NC_000011.9
cg25050447	1.01E-13	4.33E-15	8.52	23.3782394	1.04E-01	78165522	78165645	NC_000017.10
cg25256538	1.01E-13	4.34E-15	8.52	23.3764888	6.39E-02	159343074	159343197	NC_000006.11
cg15067806	1.01E-13	4.34E-15	8.52	23.3759067	2.10E-01	149146748	149146871	NC_000001.10
cg20984812	1.01E-13	4.35E-15	8.52	23.3737618	4.87E-02	171765992	171766115	NC_000001.10
cg15191648	1.01E-13	4.36E-15	8.52	23.3723654	1.71E-01	76740262	76740385	NC_000018.9
cg03433597	1.01E-13	4.36E-15	8.52	23.3720754	1.40E-01	22806448	22806571	NC_000019.9
cg09083359	1.02E-13	4.37E-15	8.52	23.3695161	1.79E-01	3854537	3854660	NC_000005.9
cg13491296	1.03E-13	4.42E-15	8.51	23.3587746	1.96E-01	156390613	156390736	NC_000001.10

cg08602190	1.03E-13	4.43E-15	8.51	23.35657	2.34E-01	128076260	128076383	NC_000010.10
cg18443359	1.03E-13	4.43E-15	8.51	23.3559092	1.81E-01	134374693	134374816	NC_000005.9
cg02181287	1.03E-13	4.43E-15	8.51	23.355712	1.13E-01	77785784	77785907	NC_000014.8
cg13807341	1.03E-13	4.44E-15	8.51	23.3549918	9.16E-02	118445984	118446107	NC_000011.9
cg14488962	1.03E-13	4.45E-15	8.51	23.350854	1.24E-01	131510278	131510401	NC_000011.9
cg27375286	1.04E-13	4.47E-15	8.51	23.3477374	1.36E-01	11518493	11518616	NC_000002.11
cg23936031	1.05E-13	4.51E-15	8.51	23.3376049	1.56E-01	27183133	27183256	NC_000007.13
cg23727983	1.05E-13	4.53E-15	8.51	23.3345292	2.60E-01	125774082	125774205	NC_000011.9
cg06687091	1.05E-13	4.53E-15	8.51	23.3342412	1.92E-01	43912991	43913114	NC_000018.9
cg27034819	1.05E-13	4.53E-15	8.51	23.3334205	1.92E-01	88799526	88799649	NC_000015.9
cg10344832	1.05E-13	4.54E-15	8.51	23.3327189	1.57E-01	68119609	68119732	NC_000015.9
cg06186330	1.05E-13	4.54E-15	8.51	23.3323329	7.67E-02	46522513	46522636	NC_000017.10
cg22849427	1.05E-13	4.54E-15	8.51	23.3320662	2.24E-01	155108695	155108818	NC_000005.9
cg26325430	1.05E-13	4.55E-15	8.51	23.3301034	9.17E-02	33639059	33639182	NC_000013.10
cg25961952	1.06E-13	4.55E-15	8.51	23.3290452	1.53E-01	134523470	134523593	NC_000005.9
cg01610231	1.06E-13	4.56E-15	8.51	23.3278063	2.00E-01	111555314	111555437	NC_000004.11
cg19514381	1.06E-13	4.57E-15	8.51	23.3263508	1.63E-01	25899118	25899241	NC_000007.13
cg13537774	1.06E-13	4.57E-15	8.51	23.3254283	1.47E-01	84088338	84088461	NC_000009.11
cg24693189	1.06E-13	4.57E-15	8.51	23.3252005	6.58E-02	33165288	33165411	NC_000001.10
cg11115235	1.06E-13	4.57E-15	8.51	23.3247785	2.38E-01	6247215	6247338	NC_000004.11
cg13062406	1.06E-13	4.58E-15	8.51	23.3243889	2.63E-01	18813544	18813667	NC_000011.9
cg00705730	1.06E-13	4.59E-15	8.51	23.3204177	1.22E-01	106438120	106438243	NC_000002.11
cg14708905	1.06E-13	4.59E-15	8.51	23.3203205	1.24E-01	30113074	30113197	NC_000006.11
cg02371121	1.07E-13	4.61E-15	8.51	23.3162704	1.15E-01	1050484	1050607	NC_000016.9
cg08145949	1.07E-13	4.61E-15	8.51	23.3160698	8.43E-02	1798209	1798332	NC_000004.11

cg13248581	1.07E-13	4.64E-15	8.51	23.3111132	1.44E-01	17680545	17680668	NC_000022.10
cg07857243	1.08E-13	4.65E-15	8.51	23.308345	2.28E-01	77822441	77822564	NC_000016.9
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cg07035165	1.08E-13	4.67E-15	8.51	23.3046337	2.00E-01	113698506	113698629	NC_000005.9
cg03772567	1.09E-13	4.69E-15	8.51	23.2997086	1.90E-01	55676815	55676938	NC_000001.10
cg08426444	1.09E-13	4.70E-15	8.5	23.2969695	1.88E-01	73164019	73164142	NC_000008.10
cg13143349	1.09E-13	4.71E-15	8.5	23.2965414	1.91E-01	1931544	1931667	NC_000005.9
cg20673721	1.09E-13	4.71E-15	8.5	23.2958917	1.31E-01	25859382	25859505	NC_000017.10
cg11511443	1.09E-13	4.71E-15	8.5	23.2958241	1.40E-01	16761406	16761529	NC_000012.11
cg24592546	1.09E-13	4.71E-15	8.5	23.2957301	1.30E-01	30136790	30136913	NC_000006.11
cg15638239	1.09E-13	4.73E-15	8.5	23.2908347	8.50E-02	3025736	3025859	NC_000007.13
cg21059392	1.10E-13	4.74E-15	8.5	23.2895788	9.11E-02	101922750	101922873	NC_000014.8
cg01879723	1.10E-13	4.74E-15	8.5	23.2883957	1.56E-01	141119262	141119385	NC_000003.11
cg16079312	1.10E-13	4.76E-15	8.5	23.2854202	1.22E-01	3016476	3016599	NC_000011.9
cg14534277	1.10E-13	4.77E-15	8.5	23.284229	1.35E-01	28623874	28623997	NC_000018.9
cg12947035	1.10E-13	4.77E-15	8.5	23.2841197	9.98E-02	41644902	41645025	NC_000019.9
cg23178364	1.10E-13	4.77E-15	8.5	23.2833129	1.45E-01	165425105	165425228	NC_000002.11
cg13319711	1.10E-13	4.77E-15	8.5	23.283169	1.66E-01	39015544	39015667	NC_000007.13
cg02955098	1.10E-13	4.77E-15	8.5	23.2825821	1.42E-01	3473665	3473788	NC_000001.10
cg23578346	1.11E-13	4.79E-15	8.5	23.2797961	1.69E-01	3750973	3751096	NC_000002.11
cg04699462	1.11E-13	4.79E-15	8.5	23.2780883	7.34E-02	101328918	101329041	NC_000007.13
cg19595835	1.12E-13	4.83E-15	8.5	23.2707683	2.03E-01	158150945	158151068	NC_000001.10
cg04181542	1.12E-13	4.85E-15	8.5	23.2665716	9.66E-02	100584390	100584513	NC_000006.11
cg09371439	1.12E-13	4.85E-15	8.5	23.2662156	1.60E-01	84322594	84322717	NC_000015.9



cg22711009	1.12E-13	4.86E-15	8.5	23.2642129	8.67E-02	118576132	118576255	NC_000010.10
cg10795666	1.13E-13	4.88E-15	8.5	23.2608619	2.30E-01	49794635	49794758	NC_000013.10
cg01927921	1.13E-13	4.91E-15	8.5	23.2546796	1.23E-01	3787906	3788029	NC_000005.9
cg14507146	1.14E-13	4.92E-15	8.5	23.2520295	1.80E-01	34043333	34043456	NC_000005.9
cg09366312	1.14E-13	4.94E-15	8.5	23.248637	2.16E-01	5891001	5891124	NC_000018.9
cg02119348	1.14E-13	4.94E-15	8.5	23.2476448	1.39E-01	6069731	6069854	NC_000016.9
cg13922494	1.14E-13	4.96E-15	8.5	23.2443708	8.43E-02	106890760	106890883	NC_000005.9
cg15922080	1.15E-13	5.00E-15	8.5	23.2370987	8.69E-02	32046906	32047029	NC_000006.11
cg18421360	1.15E-13	5.00E-15	8.49	23.2368899	5.58E-02	90415181	90415304	NC_000005.9
cg27471124	1.16E-13	5.02E-15	8.49	23.2327486	1.21E-01	109292789	109292912	NC_000011.9
cg00182202	1.16E-13	5.02E-15	8.49	23.2321463	4.28E-02	4257902	4258025	NC_000016.9
cg07303275	1.16E-13	5.03E-15	8.49	23.2301007	8.26E-02	75499416	75499539	NC_000016.9
cg09464883	1.16E-13	5.03E-15	8.49	23.2300177	1.09E-01	79689621	79689744	NC_000004.11
cg24151755	1.16E-13	5.04E-15	8.49	23.2289706	1.13E-01	230238754	230238877	NC_000001.10
cg08125821	1.16E-13	5.05E-15	8.49	23.2275333	2.15E-01	114445779	114445902	NC_000008.10
cg25677092	1.17E-13	5.07E-15	8.49	23.22367	1.26E-01	120398684	120398807	NC_000003.11
cg20588069	1.17E-13	5.07E-15	8.49	23.2223299	1.82E-01	4860439	4860562	NC_000004.11
cg04856896	1.17E-13	5.09E-15	8.49	23.2194661	1.58E-01	32665450	32665573	NC_000001.10
cg21697851	1.18E-13	5.11E-15	8.49	23.2152022	2.00E-01	38076869	38076992	NC_000021.8
cg23077820	1.18E-13	5.12E-15	8.49	23.2124182	1.25E-01	223154176	223154299	NC_000002.11
cg27344859	1.18E-13	5.13E-15	8.49	23.2114085	1.90E-01	61808313	61808436	NC_000020.10
cg12827405	1.18E-13	5.14E-15	8.49	23.2099332	1.17E-01	10431475	10431598	NC_000006.11
cg10445315	1.18E-13	5.14E-15	8.49	23.2095828	2.49E-01	38066047	38066170	NC_000021.8
cg03496122	1.18E-13	5.14E-15	8.49	23.2092824	2.15E-01	26664404	26664527	NC_000003.11
cg01967586	1.19E-13	5.15E-15	8.49	23.2075876	9.06E-02	228894546	228894669	NC_000001.10

cg14265823	1.19E-13	5.15E-15	8.49	23.2065588	2.07E-01	223163326	223163449	NC_000002.11
cg11946503	1.19E-13	5.19E-15	8.49	23.1991549	1.62E-01	134870514	134870637	NC_000005.9
cg07049167	1.20E-13	5.22E-15	8.49	23.1949681	8.82E-02	166818506	166818629	NC_000001.10
cg13546308	1.20E-13	5.22E-15	8.49	23.1947038	1.15E-01	153366155	153366278	NC_000003.11
cg19746565	1.20E-13	5.23E-15	8.49	23.1928134	1.07E-01	11742488	11742611	NC_000008.10
cg03595755	1.21E-13	5.26E-15	8.49	23.1858733	2.12E-01	1931251	1931374	NC_000005.9
cg25577842	1.21E-13	5.27E-15	8.49	23.1840136	1.70E-01	32459760	32459883	NC_000011.9
cg06950634	1.21E-13	5.27E-15	8.49	23.1839957	1.28E-01	304351	304474	NC_000011.9
cg02128112	1.21E-13	5.28E-15	8.49	23.1822608	1.42E-01	48844757	48844880	NC_000016.9
cg00298357	1.22E-13	5.30E-15	8.49	23.1797773	6.55E-02	148758791	148758914	NC_000005.9
cg02938172	1.22E-13	5.31E-15	8.49	23.1772964	1.82E-01	185152	185275	NC_000017.10
cg21150271	1.22E-13	5.32E-15	8.49	23.1759904	1.33E-01	21553912	21554035	NC_000008.10
cg12173558	1.23E-13	5.34E-15	8.48	23.172119	1.65E-01	69244734	69244857	NC_000008.10
cg23584308	1.23E-13	5.35E-15	8.48	23.1700282	8.46E-02	105352991	105353114	NC_000014.8
cg27338202	1.23E-13	5.37E-15	8.48	23.1662607	1.41E-01	187481967	187482090	NC_000003.11
cg15131808	1.24E-13	5.38E-15	8.48	23.1634266	2.75E-01	528580	528703	NC_000005.9
cg06873498	1.24E-13	5.39E-15	8.48	23.1618055	1.32E-01	85652969	85653092	NC_000016.9
cg23239647	1.24E-13	5.39E-15	8.48	23.1617828	9.10E-02	105273411	105273534	NC_000002.11
cg03448619	1.24E-13	5.39E-15	8.48	23.1617795	5.37E-02	45840784	45840907	NC_000003.11
cg16317291	1.24E-13	5.40E-15	8.48	23.1604922	9.85E-02	7076865	7076988	NC_000012.11
cg17633576	1.24E-13	5.40E-15	8.48	23.1602326	1.68E-01	16726789	16726912	NC_000012.11
cg04742515	1.24E-13	5.42E-15	8.48	23.1566248	1.31E-01	239949301	239949424	NC_000002.11
cg24228040	1.25E-13	5.44E-15	8.48	23.1531698	2.00E-01	50496857	50496980	NC_000022.10
cg20574415	1.26E-13	5.47E-15	8.48	23.1474207	1.86E-01	79382807	79382930	NC_000015.9
cg01175812	1.26E-13	5.48E-15	8.48	23.1469932	1.58E-01	4919001	4919124	NC_000012.11

cg23318156	1.26E-13	5.49E-15	8.48	23.1445226	7.27E-02	35392306	35392429	NC_000006.11
cg15643703	1.26E-13	5.49E-15	8.48	23.1445036	1.06E-01	46722806	46722929	NC_000021.8
cg13298841	1.27E-13	5.54E-15	8.48	23.1352671	2.34E-01	43152021	43152144	NC_000007.13
cg10761315	1.28E-13	5.57E-15	8.48	23.1297453	1.66E-01	104552034	104552157	NC_000014.8
cg26272220	1.28E-13	5.59E-15	8.48	23.1272887	2.73E-01	81471884	81472007	NC_000012.11
cg04084026	1.28E-13	5.59E-15	8.48	23.1268918	1.97E-01	57832309	57832432	NC_000016.9
cg04460747	1.29E-13	5.63E-15	8.48	23.1202856	7.63E-02	52469005	52469128	NC_000006.11
cg21307628	1.29E-13	5.63E-15	8.48	23.1190666	1.34E-01	112360952	112361075	NC_000003.11
cg12688965	1.29E-13	5.64E-15	8.48	23.1174449	1.31E-01	144582077	144582200	NC_000008.10
cg24328816	1.29E-13	5.64E-15	8.48	23.1174281	6.04E-02	73096502	73096625	NC_000017.10
cg02875118	1.29E-13	5.65E-15	8.48	23.1164557	2.09E-01	112833009	112833132	NC_000011.9
cg06052090	1.30E-13	5.66E-15	8.48	23.1147481	8.45E-02	55100608	55100731	NC_000007.13
cg25772365	1.30E-13	5.66E-15	8.48	23.1138528	1.48E-01	140762224	140762347	NC_000006.11
cg01604051	1.30E-13	5.67E-15	8.47	23.1122224	1.02E-01	50851503	50851626	NC_000007.13
cg23372684	1.30E-13	5.68E-15	8.47	23.1106665	1.25E-01	178004685	178004808	NC_000005.9
cg19416570	1.31E-13	5.70E-15	8.47	23.106726	1.49E-01	58715677	58715800	NC_000019.9
cg26281476	1.31E-13	5.71E-15	8.47	23.1062237	8.93E-02	62719007	62719130	NC_000004.11
cg02347249	1.31E-13	5.74E-15	8.47	23.1009907	1.05E-01	90268539	90268662	NC_000012.11
cg16413030	1.32E-13	5.76E-15	8.47	23.0964087	1.60E-01	176937704	176937827	NC_000002.11
cg09056876	1.33E-13	5.82E-15	8.47	23.086136	1.31E-01	156718398	156718521	NC_000006.11
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cg17754510	1.34E-13	5.86E-15	8.47	23.0790589	2.78E-01	10391412	10391535	NC_000006.11
cg03352106	1.34E-13	5.87E-15	8.47	23.0781476	2.29E-01	21926476	21926599	NC_000012.11
cg19665362	1.34E-13	5.87E-15	8.47	23.0779686	2.58E-01	83316838	83316961	NC_000015.9
cg06570224	1.34E-13	5.88E-15	8.47	23.0766257	1.44E-01	157812475	157812598	NC_000003.11

cg05235540	1.34E-13	5.88E-15	8.47	23.0763926	1.06E-01	30582174	30582297	NC_000006.11
cg26046467	1.35E-13	5.91E-15	8.47	23.0709001	1.44E-01	59000498	59000621	NC_000018.9
cg23971440	1.35E-13	5.92E-15	8.47	23.0701266	1.05E-01	73007729	73007852	NC_000011.9
cg02828023	1.35E-13	5.93E-15	8.47	23.0685337	2.44E-01	107503834	107503957	NC_000002.11
cg18010718	1.35E-13	5.93E-15	8.47	23.0682165	2.25E-01	74075195	74075318	NC_000017.10
cg04209911	1.35E-13	5.93E-15	8.47	23.0680412	2.00E-01	177140145	177140268	NC_000001.10
cg15200412	1.36E-13	5.94E-15	8.47	23.0667854	8.98E-02	990294	990417	NC_000019.9
cg22333868	1.36E-13	5.95E-15	8.47	23.0642353	1.60E-01	79611355	79611478	NC_000012.11
cg00458754	1.36E-13	5.98E-15	8.47	23.0605175	1.26E-01	88427813	88427936	NC_000010.10
cg06046431	1.36E-13	5.98E-15	8.47	23.0604931	1.75E-01	27744490	27744613	NC_000011.9
cg19946641	1.37E-13	5.99E-15	8.47	23.058915	8.50E-02	130909093	130909216	NC_000012.11
cg11166453	1.37E-13	5.99E-15	8.47	23.0576296	1.42E-01	247681781	247681904	NC_000001.10
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cg13984173	1.37E-13	6.03E-15	8.47	23.0519748	1.66E-01	40674438	40674561	NC_000015.9
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cg25940202	1.38E-13	6.04E-15	8.46	23.0503855	4.67E-02	207984794	207984917	NC_000001.10
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cg24177393	1.38E-13	6.05E-15	8.46	23.0483702	1.66E-01	43037517	43037640	NC_000005.9
cg02384251	1.39E-13	6.08E-15	8.46	23.0429483	1.18E-01	1205914	1206037	NC_000004.11
cg13069211	1.39E-13	6.09E-15	8.46	23.0424248	8.01E-02	134878340	134878463	NC_000010.10
cg02483701	1.39E-13	6.11E-15	8.46	23.0384659	1.64E-01	27215610	27215733	NC_000007.13
cg02900183	1.39E-13	6.11E-15	8.46	23.0383464	1.09E-01	16284421	16284544	NC_000019.9
cg20778451	1.40E-13	6.15E-15	8.46	23.0326734	1.86E-01	178368205	178368328	NC_000005.9
cg01301138	1.40E-13	6.15E-15	8.46	23.0322494	1.44E-01	82660630	82660753	NC_000016.9

cg01106989	1.40E-13	6.15E-15	8.46	23.0320018	1.28E-01	52858459	52858582	NC_000006.11
cg23683501	1.40E-13	6.17E-15	8.46	23.0296873	8.01E-02	52270108	52270231	NC_000006.11
cg01795955	1.40E-13	6.17E-15	8.46	23.0290856	1.47E-01	200468626	200468749	NC_000002.11
cg05490233	1.41E-13	6.19E-15	8.46	23.0252922	1.26E-01	129321847	129321970	NC_000003.11
cg26836233	1.41E-13	6.19E-15	8.46	23.0252504	2.04E-01	10857800	10857923	NC_000003.11
cg10821845	1.41E-13	6.20E-15	8.46	23.0244235	2.42E-01	144241104	144241227	NC_000008.10
cg25078444	1.41E-13	6.20E-15	8.46	23.0243876	2.29E-01	29235193	29235316	NC_000014.8
cg12810096	1.41E-13	6.21E-15	8.46	23.0231597	2.08E-01	32484112	32484235	NC_000017.10
cg25078150	1.42E-13	6.23E-15	8.46	23.0187588	2.68E-01	118922841	118922964	NC_000010.10
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cg21290313	1.44E-13	6.32E-15	8.46	23.0053209	1.05E-01	20158232	20158355	NC_000007.13
cg03882242	1.44E-13	6.34E-15	8.46	23.0016323	2.38E-01	103889798	103889921	NC_000012.11
cg19701087	1.45E-13	6.37E-15	8.46	22.9978545	1.92E-01	52859008	52859131	NC_000006.11
cg15575538	1.45E-13	6.38E-15	8.46	22.9965081	1.57E-01	25894005	25894128	NC_000007.13
cg18049569	1.45E-13	6.38E-15	8.46	22.9955396	5.21E-02	3154105	3154228	NC_000006.11
cg03191794	1.45E-13	6.39E-15	8.46	22.9950964	1.23E-01	83102075	83102198	NC_000012.11
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cg22638505	1.46E-13	6.43E-15	8.45	22.9874985	1.23E-01	21541772	21541895	NC_000019.9

cg19006302	1.46E-13	6.45E-15	8.45	22.9852594	1.06E-01	54058767	54058890	NC_000019.9
cg15775138	1.46E-13	6.45E-15	8.45	22.9849619	2.61E-01	127744389	127744512	NC_000007.13
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cg24768365	1.47E-13	6.49E-15	8.45	22.9784064	1.34E-01	43944652	43944775	NC_000012.11
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cg11308277	1.47E-13	6.50E-15	8.45	22.9772143	1.80E-01	75603343	75603466	NC_000012.11
cg12793525	1.48E-13	6.51E-15	8.45	22.976695	1.43E-01	44875989	44876112	NC_000010.10
cg12492087	1.48E-13	6.51E-15	8.45	22.9765987	1.50E-01	42749885	42750008	NC_000015.9
cg05214690	1.48E-13	6.51E-15	8.45	22.9762147	2.70E-01	178772203	178772326	NC_000005.9
cg17419731	1.48E-13	6.51E-15	8.45	22.9759481	1.37E-01	5535731	5535854	NC_000007.13
cg19261306	1.48E-13	6.54E-15	8.45	22.9717657	1.44E-01	59234911	59235034	NC_000001.10
cg08758850	1.49E-13	6.55E-15	8.45	22.9695217	1.10E-01	127533554	127533677	NC_000009.11
cg16935734	1.49E-13	6.55E-15	8.45	22.96947	1.28E-01	77901368	77901491	NC_000018.9
cg25431366	1.49E-13	6.55E-15	8.45	22.9694009	1.09E-01	238887209	238887332	NC_000002.11
cg08964780	1.49E-13	6.56E-15	8.45	22.9684567	2.16E-01	27209463	27209586	NC_000007.13
cg15736524	1.50E-13	6.60E-15	8.45	22.9624958	1.82E-01	43568922	43569045	NC_000011.9
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cg08832227	1.50E-13	6.62E-15	8.45	22.9595285	1.85E-01	5020693	5020816	NC_000012.11
cg12193277	1.50E-13	6.62E-15	8.45	22.9588546	1.16E-01	39547181	39547304	NC_000022.10
cg20523169	1.50E-13	6.62E-15	8.45	22.9587914	1.55E-01	75880269	75880392	NC_000017.10
cg27211576	1.50E-13	6.63E-15	8.45	22.9584301	1.07E-01	75093165	75093288	NC_000015.9
cg13080379	1.51E-13	6.65E-15	8.45	22.9549776	1.77E-01	119527156	119527279	NC_000001.10
cg10939004	1.51E-13	6.65E-15	8.45	22.9542548	1.06E-01	194072233	194072356	NC_000003.11
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cg26860935	1.51E-13	6.69E-15	8.45	22.9494802	2.11E-01	1407989	1408112	NC_000004.11
cg12285988	1.52E-13	6.72E-15	8.45	22.9441028	1.63E-01	50890701	50890824	NC_000001.10
cg16553435	1.52E-13	6.73E-15	8.45	22.9432888	2.08E-01	89267943	89268066	NC_000016.9
cg12972705	1.53E-13	6.75E-15	8.45	22.9397849	1.87E-01	1915076	1915199	NC_000008.10
cg13532463	1.53E-13	6.75E-15	8.45	22.9395601	1.53E-01	101126107	101126230	NC_000009.11
cg23048481	1.53E-13	6.76E-15	8.45	22.9383406	2.29E-01	39044196	39044319	NC_000001.10
cg26557834	1.54E-13	6.79E-15	8.45	22.9343679	1.48E-01	134570471	134570594	NC_000006.11
cg01261798	1.54E-13	6.80E-15	8.45	22.9332094	2.56E-01	134000034	134000157	NC_000010.10
cg02452944	1.54E-13	6.81E-15	8.45	22.9312737	1.92E-01	140810109	140810232	NC_000005.9
cg13589559	1.54E-13	6.81E-15	8.45	22.9309422	2.86E-02	111786616	111786739	NC_000009.11
cg08881785	1.54E-13	6.82E-15	8.45	22.9304109	1.17E-01	155465076	155465199	NC_000003.11
cg25426743	1.55E-13	6.84E-15	8.45	22.9268579	9.71E-02	27166103	27166226	NC_000007.13
cg01831743	1.55E-13	6.88E-15	8.44	22.9220263	1.18E-01	110352941	110353064	NC_000012.11
cg20712489	1.55E-13	6.88E-15	8.44	22.9220187	1.10E-01	228475395	228475518	NC_000002.11
cg15427906	1.55E-13	6.88E-15	8.44	22.9217237	2.56E-01	20825216	20825339	NC_000007.13
cg13930892	1.55E-13	6.88E-15	8.44	22.9208777	2.68E-01	2292000	2292123	NC_000011.9
cg23388392	1.56E-13	6.89E-15	8.44	22.9200906	1.14E-01	39577117	39577240	NC_000017.10
cg17542408	1.56E-13	6.90E-15	8.44	22.9180042	1.93E-01	78673100	78673223	NC_000011.9
cg04549333	1.56E-13	6.91E-15	8.44	22.9175038	2.02E-01	44325823	44325946	NC_000011.9
cg05085230	1.56E-13	6.92E-15	8.44	22.9153408	2.15E-01	133562461	133562584	NC_000006.11
cg23289079	1.56E-13	6.92E-15	8.44	22.9150643	1.89E-01	122430476	122430599	NC_000005.9
cg08491681	1.57E-13	6.96E-15	8.44	22.9099472	1.56E-01	33781288	33781411	NC_000013.10
cg19761272	1.58E-13	6.99E-15	8.44	22.9049978	2.21E-01	76605176	76605299	NC_000014.8
cg27279301	1.59E-13	7.03E-15	8.44	22.8995975	1.28E-01	105945287	105945410	NC_000014.8
cg26396370	1.59E-13	7.04E-15	8.44	22.8987727	9.22E-02	10194752	10194875	NC_000002.11

cg23051261	1.59E-13	7.06E-15	8.44	22.8962551	5.86E-02	10799025	10799148	NC_000001.10
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cg08282037	1.60E-13	7.08E-15	8.44	22.8932164	8.51E-02	55595978	55596101	NC_000019.9
cg09884341	1.60E-13	7.09E-15	8.44	22.892055	2.24E-01	87974464	87974587	NC_000005.9
cg12300353	1.60E-13	7.09E-15	8.44	22.8914225	2.20E-01	44450358	44450481	NC_000004.11
cg11197630	1.60E-13	7.10E-15	8.44	22.8897442	1.36E-01	56712591	56712714	NC_000005.9
cg21328033	1.60E-13	7.11E-15	8.44	22.8891344	1.83E-01	50236765	50236888	NC_000017.10
cg02039271	1.61E-13	7.12E-15	8.44	22.8872006	4.50E-02	156008127	156008250	NC_000003.11
cg18692678	1.61E-13	7.14E-15	8.44	22.884761	1.84E-01	114838772	114838895	NC_000012.11
cg01586208	1.61E-13	7.16E-15	8.44	22.8822933	1.20E-01	22806647	22806770	NC_000019.9
cg23335460	1.61E-13	7.16E-15	8.44	22.8814245	2.08E-01	99790593	99790716	NC_000010.10
cg12668482	1.61E-13	7.17E-15	8.44	22.8811014	1.98E-01	72987762	72987885	NC_000008.10
cg21748836	1.62E-13	7.17E-15	8.44	22.8807664	6.99E-02	239313057	239313180	NC_000002.11
cg17494585	1.62E-13	7.18E-15	8.44	22.8787161	1.62E-01	117705743	117705866	NC_000001.10
cg25317941	1.63E-13	7.24E-15	8.44	22.8711661	1.44E-01	233351153	233351276	NC_000002.11
cg24002183	1.63E-13	7.25E-15	8.44	22.8702757	1.16E-01	15568574	15568697	NC_000019.9
cg05887092	1.64E-13	7.27E-15	8.44	22.866619	1.21E-01	76393375	76393498	NC_000017.10
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cg06167664	1.64E-13	7.28E-15	8.44	22.8659619	2.42E-01	27072564	27072687	NC_000002.11
cg17775899	1.64E-13	7.28E-15	8.44	22.8659077	1.38E-01	27179426	27179549	NC_000007.13
cg04562217	1.64E-13	7.30E-15	8.43	22.8630908	1.87E-01	79815718	79815841	NC_000003.11
cg01731023	1.65E-13	7.35E-15	8.43	22.8564915	8.45E-02	1363486	1363609	NC_000004.11
cg02266732	1.65E-13	7.35E-15	8.43	22.8564681	1.87E-01	63257710	63257833	NC_000005.9
cg16918989	1.65E-13	7.35E-15	8.43	22.8562783	2.65E-01	8869213	8869336	NC_000017.10
cg04063345	1.66E-13	7.36E-15	8.43	22.8547102	1.87E-01	152130058	152130181	NC_000006.11



cg07013734	1.66E-13	7.36E-15	8.43	22.8545265	2.49E-01	101454683	101454806	NC_000011.9
cg07861603	1.66E-13	7.37E-15	8.43	22.8536893	1.46E-01	3085246	3085369	NC_000016.9
cg26259537	1.66E-13	7.40E-15	8.43	22.8500114	2.40E-01	27209247	27209370	NC_000007.13
cg01489926	1.66E-13	7.40E-15	8.43	22.8489613	9.05E-02	84423960	84424083	NC_000016.9
cg22668218	1.67E-13	7.43E-15	8.43	22.846045	1.85E-01	161100017	161100140	NC_000006.11
cg03202545	1.67E-13	7.43E-15	8.43	22.8455149	8.00E-02	139359312	139359435	NC_000007.13
cg23689712	1.67E-13	7.45E-15	8.43	22.8423756	1.98E-01	165205314	165205437	NC_000001.10
cg18921980	1.68E-13	7.46E-15	8.43	22.8420519	2.14E-01	175594943	175595066	NC_000002.11
cg10173932	1.68E-13	7.46E-15	8.43	22.8414675	1.36E-01	130950761	130950884	NC_000012.11
cg04261138	1.68E-13	7.48E-15	8.43	22.8392016	1.85E-01	87968636	87968759	NC_000005.9
cg07397481	1.68E-13	7.48E-15	8.43	22.8389106	8.21E-02	81927366	81927489	NC_000016.9
cg08931404	1.68E-13	7.50E-15	8.43	22.8367638	4.18E-02	29227083	29227206	NC_000013.10
cg07175883	1.69E-13	7.54E-15	8.43	22.8315159	2.24E-01	176957908	176958031	NC_000002.11
cg10543634	1.69E-13	7.54E-15	8.43	22.8302572	1.84E-01	67651491	67651614	NC_000015.9
cg02970384	1.70E-13	7.56E-15	8.43	22.8282062	1.64E-01	229567560	229567683	NC_000001.10
cg19051015	1.70E-13	7.57E-15	8.43	22.8264249	1.54E-01	46697414	46697537	NC_000017.10
cg07379434	1.70E-13	7.58E-15	8.43	22.8259663	2.08E-01	49814597	49814720	NC_000007.13
cg17957186	1.70E-13	7.58E-15	8.43	22.8250817	2.08E-01	79177895	79178018	NC_000013.10
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cg14590098	1.71E-13	7.64E-15	8.43	22.8184518	1.96E-01	65290848	65290971	NC_000008.10
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cg13364624	1.72E-13	7.66E-15	8.43	22.8147691	1.10E-01	111250761	111250884	NC_000013.10
cg11795276	1.73E-13	7.70E-15	8.43	22.8094887	1.45E-01	54454252	54454375	NC_000012.11
cg13917578	1.73E-13	7.72E-15	8.43	22.8080864	1.16E-01	143547850	143547973	NC_000005.9
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cg12865888	1.73E-13	7.74E-15	8.43	22.8053634	2.29E-01	141220177	141220300	NC_000008.10
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cg19024969	1.74E-13	7.77E-15	8.42	22.8013098	2.34E-01	32905966	32906089	NC_000017.10
cg16907527	1.75E-13	7.79E-15	8.42	22.7989899	1.67E-01	43744388	43744511	NC_000006.11
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cg17508941	1.75E-13	7.81E-15	8.42	22.7965986	1.64E-01	19183280	19183403	NC_000007.13
cg27023727	1.76E-13	7.84E-15	8.42	22.7925755	1.29E-01	71687739	71687862	NC_000014.8
cg06543087	1.76E-13	7.84E-15	8.42	22.7925227	2.26E-01	108508548	108508671	NC_000001.10
cg08383399	1.76E-13	7.87E-15	8.42	22.7882831	1.90E-01	4852488	4852611	NC_000008.10
cg02866628	1.76E-13	7.88E-15	8.42	22.7878268	2.02E-01	54612475	54612598	NC_000007.13
cg14302308	1.77E-13	7.90E-15	8.42	22.7842332	1.34E-01	38694110	38694233	NC_000009.11
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cg24935332	1.78E-13	7.95E-15	8.42	22.7781786	1.41E-01	31846819	31846942	NC_000011.9
cg00444360	1.78E-13	7.96E-15	8.42	22.7770021	1.19E-01	88270612	88270735	NC_000011.9
cg10575261	1.78E-13	7.97E-15	8.42	22.7765574	2.07E-01	178368160	178368283	NC_000005.9
cg13685951	1.79E-13	7.98E-15	8.42	22.7743649	1.91E-01	177140322	177140445	NC_000001.10

cg14546497	1.79E-13	8.00E-15	8.42	22.77265	9.07E-02	119538353	119538476	NC_000011.9
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cg12836011	1.80E-13	8.03E-15	8.42	22.7681848	2.19E-01	166795260	166795383	NC_000004.11
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cg27555582	1.81E-13	8.10E-15	8.42	22.7597004	2.44E-01	22094009	22094132	NC_000012.11
cg25013052	1.82E-13	8.13E-15	8.42	22.756882	7.10E-02	31838774	31838897	NC_000006.11
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cg21769619	1.83E-13	8.18E-15	8.42	22.7506904	1.29E-01	32454768	32454891	NC_000011.9
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cg15874877	1.84E-13	8.25E-15	8.42	22.7424975	1.44E-01	140799572	140799695	NC_000005.9
cg02630854	1.84E-13	8.26E-15	8.41	22.7411915	1.08E-01	177652347	177652470	NC_000003.11
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cg23513966	1.85E-13	8.29E-15	8.41	22.7366694	1.10E-01	76630209	76630332	NC_000015.9
cg25164624	1.85E-13	8.30E-15	8.41	22.7356815	2.63E-01	3641641	3641764	NC_000020.10
cg08000065	1.86E-13	8.34E-15	8.41	22.7312418	2.08E-01	35092823	35092946	NC_000008.10
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cg24558112	1.87E-13	8.40E-15	8.41	22.7238747	8.37E-02	26364710	26364833	NC_000008.10
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cg08229320	1.88E-13	8.41E-15	8.41	22.7228609	1.48E-01	45941351	45941474	NC_000010.10
cg25066972	1.88E-13	8.43E-15	8.41	22.721112	1.87E-01	82002568	82002691	NC_000014.8

cg19545040	1.88E-13	8.44E-15	8.41	22.7198974	5.35E-02	103700513	103700636	NC_000010.10
cg10169241	1.88E-13	8.45E-15	8.41	22.7182628	1.45E-01	1467032	1467155	NC_000019.9
cg23514417	1.89E-13	8.46E-15	8.41	22.7172022	1.27E-01	31938533	31938656	NC_000006.11
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cg22641350	1.89E-13	8.50E-15	8.41	22.7129138	1.60E-01	1008191	1008314	NC_000008.10
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cg04330683	1.92E-13	8.62E-15	8.41	22.6989982	1.55E-01	22715410	22715533	NC_000019.9
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cg15447540	1.92E-13	8.64E-15	8.41	22.6961819	1.83E-01	132054713	132054836	NC_000008.10
cg13350783	1.92E-13	8.64E-15	8.41	22.6959462	5.63E-02	39661354	39661477	NC_000017.10
cg07125905	1.93E-13	8.65E-15	8.41	22.6955633	1.55E-01	140767364	140767487	NC_000005.9
cg14777244	1.93E-13	8.66E-15	8.41	22.6938166	7.62E-02	49110198	49110321	NC_000019.9
cg14972743	1.94E-13	8.69E-15	8.41	22.6901343	2.23E-01	58609960	58610083	NC_000019.9
cg08171336	1.94E-13	8.70E-15	8.41	22.6894839	1.19E-01	144682400	144682523	NC_000008.10
cg10787911	1.94E-13	8.74E-15	8.41	22.6854743	9.06E-02	142368316	142368439	NC_000008.10
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cg12699647	1.96E-13	8.81E-15	8.4	22.6767254	1.68E-01	80401857	80401980	NC_000017.10
cg19728382	1.97E-13	8.84E-15	8.4	22.6736975	1.45E-01	172757276	172757399	NC_000005.9
cg15252243	1.97E-13	8.84E-15	8.4	22.6735613	1.75E-01	90031538	90031661	NC_000004.11
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cg24104241	1.99E-13	8.94E-15	8.4	22.66249	2.13E-01	229567626	229567749	NC_000001.10
cg23102483	1.99E-13	8.94E-15	8.4	22.6623837	2.88E-02	47267132	47267255	NC_000011.9
cg06092815	1.99E-13	8.94E-15	8.4	22.6622223	1.79E-01	229046406	229046529	NC_000002.11
cg22571664	1.99E-13	8.96E-15	8.4	22.6608351	1.82E-01	32713112	32713235	NC_000005.9
cg12782992	2.00E-13	8.99E-15	8.4	22.6568099	2.20E-01	9026055	9026178	NC_000011.9
cg13921308	2.00E-13	8.99E-15	8.4	22.6567165	8.25E-02	214166160	214166283	NC_000001.10
cg17462107	2.00E-13	9.00E-15	8.4	22.6555273	1.11E-01	66199867	66199990	NC_000005.9
cg18708502	2.00E-13	9.02E-15	8.4	22.654046	1.32E-01	21588555	21588678	NC_000013.10
cg13454407	2.01E-13	9.03E-15	8.4	22.652934	2.04E-01	110986982	110987105	NC_000008.10
cg14156314	2.01E-13	9.05E-15	8.4	22.6507428	7.16E-02	139959160	139959283	NC_000009.11
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cg08640634	2.01E-13	9.06E-15	8.4	22.6494116	2.52E-01	108486450	108486573	NC_000006.11
cg16348254	2.03E-13	9.12E-15	8.4	22.6427044	6.52E-02	43837992	43838115	NC_000010.10
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cg19388032	2.03E-13	9.17E-15	8.4	22.6378881	1.16E-01	33171491	33171614	NC_000006.11
cg10362591	2.04E-13	9.17E-15	8.4	22.6370791	2.21E-01	55689865	55689988	NC_000016.9
cg08116263	2.04E-13	9.18E-15	8.4	22.6369667	4.88E-02	132837117	132837240	NC_000006.11
cg11671688	2.04E-13	9.18E-15	8.4	22.6360933	1.62E-01	110301075	110301198	NC_000006.11
cg23374312	2.05E-13	9.22E-15	8.4	22.6317458	9.51E-02	21565335	21565458	NC_000014.8
cg05895545	2.05E-13	9.24E-15	8.4	22.6305075	1.50E-01	50695337	50695460	NC_000005.9
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cg03981954	2.07E-13	9.32E-15	8.4	22.6213041	2.10E-01	121942010	121942133	NC_000007.13
cg10148473	2.07E-13	9.33E-15	8.4	22.6208315	2.59E-01	75601824	75601947	NC_000012.11
cg14928719	2.07E-13	9.34E-15	8.4	22.6193945	9.41E-02	139079940	139080063	NC_000002.11
cg10332723	2.07E-13	9.35E-15	8.4	22.6181304	6.19E-02	84600152	84600275	NC_000016.9
cg27111150	2.08E-13	9.37E-15	8.39	22.6157525	1.40E-01	97183248	97183371	NC_000010.10
cg04021502	2.08E-13	9.38E-15	8.39	22.6153059	7.99E-02	1270598	1270721	NC_000005.9
cg27016494	2.08E-13	9.39E-15	8.39	22.613796	1.75E-01	96651586	96651709	NC_000007.13
cg20286200	2.08E-13	9.39E-15	8.39	22.6137415	2.57E-01	133562267	133562390	NC_000006.11
cg00625939	2.08E-13	9.40E-15	8.39	22.6131908	9.60E-02	189028032	189028155	NC_000004.11
cg04340928	2.08E-13	9.41E-15	8.39	22.61231	1.29E-01	55067613	55067736	NC_000016.9
cg03983008	2.09E-13	9.42E-15	8.39	22.611018	1.04E-01	179002268	179002391	NC_000005.9
cg22559002	2.09E-13	9.44E-15	8.39	22.6086377	9.33E-02	63898392	63898515	NC_000017.10
cg16696002	2.09E-13	9.44E-15	8.39	22.60849	1.60E-01	172189728	172189851	NC_000001.10
cg14914238	2.09E-13	9.45E-15	8.39	22.6077997	2.02E-01	83620321	83620444	NC_000015.9
cg02442509	2.10E-13	9.47E-15	8.39	22.6055265	1.93E-01	45156207	45156330	NC_000002.11
cg05043349	2.10E-13	9.49E-15	8.39	22.6034303	2.41E-01	65290113	65290236	NC_000008.10
cg13620526	2.11E-13	9.52E-15	8.39	22.6001102	4.97E-02	24629560	24629683	NC_000014.8
cg00104348	2.11E-13	9.54E-15	8.39	22.5989947	7.52E-02	10772424	10772547	NC_000012.11
cg15146859	2.11E-13	9.54E-15	8.39	22.5980602	2.59E-01	74961737	74961860	NC_000018.9
cg00569418	2.11E-13	9.55E-15	8.39	22.5978738	5.47E-02	50192100	50192223	NC_000019.9
cg00290506	2.11E-13	9.55E-15	8.39	22.597816	2.52E-01	224804226	224804349	NC_000001.10
cg15069295	2.11E-13	9.55E-15	8.39	22.5975448	1.82E-01	137522461	137522584	NC_000002.11
cg13255208	2.12E-13	9.57E-15	8.39	22.595533	1.19E-01	104165183	104165306	NC_000014.8
cg22200649	2.12E-13	9.59E-15	8.39	22.5931792	5.52E-02	65961644	65961767	NC_000012.11

cg09570682	2.12E-13	9.60E-15	8.39	22.592768	2.46E-01	106429443	106429566	NC_000006.11
cg13614229	2.14E-13	9.68E-15	8.39	22.5845728	1.49E-01	131217218	131217341	NC_000012.11
cg02317400	2.14E-13	9.68E-15	8.39	22.5845587	1.86E-01	135050345	135050468	NC_000010.10
cg15952725	2.14E-13	9.70E-15	8.39	22.582376	1.64E-01	15783190	15783313	NC_000001.10
cg24335984	2.15E-13	9.70E-15	8.39	22.5817227	8.12E-02	50361554	50361677	NC_000003.11
cg22447539	2.15E-13	9.73E-15	8.39	22.5786104	1.76E-01	5633086	5633209	NC_000007.13
cg16793187	2.16E-13	9.79E-15	8.39	22.5725311	1.53E-01	115530431	115530554	NC_000011.9
cg17131044	2.18E-13	9.85E-15	8.39	22.5672799	1.83E-01	20619012	20619135	NC_000011.9
cg24022656	2.19E-13	9.90E-15	8.39	22.5623926	1.87E-01	157291349	157291472	NC_000007.13
cg04689058	2.20E-13	9.95E-15	8.39	22.5567588	1.36E-01	66953825	66953948	NC_000016.9
cg07552868	2.20E-13	9.98E-15	8.38	22.5536547	8.38E-02	144994826	144994949	NC_000001.10
cg13493652	2.21E-13	1.00E-14	8.38	22.5523444	8.85E-02	6385721	6385844	NC_000007.13
cg12967666	2.22E-13	1.00E-14	8.38	22.548621	9.26E-02	53745145	53745268	NC_000014.8
cg26344227	2.22E-13	1.00E-14	8.38	22.5479259	2.10E-01	53287126	53287249	NC_000007.13
cg01800521	2.22E-13	1.01E-14	8.38	22.5446188	2.17E-01	21503456	21503579	NC_000020.10
cg18710412	2.23E-13	1.01E-14	8.38	22.5435328	1.06E-01	90654191	90654314	NC_000005.9
cg26983710	2.23E-13	1.01E-14	8.38	22.5432009	2.30E-01	154728202	154728325	NC_000002.11
cg14428048	2.23E-13	1.01E-14	8.38	22.5426047	1.75E-01	121940344	121940467	NC_000007.13
cg00333226	2.23E-13	1.01E-14	8.38	22.5409975	1.70E-01	49813763	49813886	NC_000007.13
cg13927454	2.23E-13	1.01E-14	8.38	22.5396028	1.33E-01	90798982	90799105	NC_000009.11
cg08876932	2.24E-13	1.01E-14	8.38	22.5373442	2.10E-01	71955547	71955670	NC_000011.9
cg27655158	2.25E-13	1.02E-14	8.38	22.5342281	2.64E-01	1396593	1396716	NC_000004.11
cg09662162	2.25E-13	1.02E-14	8.38	22.5306055	7.26E-02	1212457	1212580	NC_000016.9
cg26808747	2.26E-13	1.03E-14	8.38	22.525728	1.13E-01	128077376	128077499	NC_000010.10
cg26720125	2.27E-13	1.03E-14	8.38	22.5228264	2.23E-01	38077673	38077796	NC_000021.8

cg24632756	2.27E-13	1.03E-14	8.38	22.5216786	1.83E-01	33603026	33603149	NC_000015.9
cg22455694	2.28E-13	1.03E-14	8.38	22.5205888	1.44E-01	176974001	176974124	NC_000002.11
cg17631357	2.28E-13	1.03E-14	8.38	22.518661	5.80E-02	79298234	79298357	NC_000015.9
cg23069057	2.29E-13	1.04E-14	8.38	22.5139969	1.27E-01	14867316	14867439	NC_000004.11
cg09661632	2.29E-13	1.04E-14	8.38	22.5127084	6.43E-02	59525666	59525789	NC_000017.10
cg27219874	2.29E-13	1.04E-14	8.38	22.5116182	6.88E-02	67696095	67696218	NC_000016.9
cg24463471	2.30E-13	1.04E-14	8.38	22.5112983	1.55E-01	25257978	25258101	NC_000001.10
cg10024876	2.30E-13	1.04E-14	8.38	22.5112445	1.95E-01	69592049	69592172	NC_000003.11
cg15824707	2.30E-13	1.05E-14	8.38	22.5073763	1.02E-01	45403733	45403856	NC_000015.9
cg05141924	2.31E-13	1.05E-14	8.38	22.5031541	5.48E-02	28669866	28669989	NC_000002.11
cg18279134	2.31E-13	1.05E-14	8.38	22.5022595	1.13E-01	16394568	16394691	NC_000001.10
cg14507868	2.32E-13	1.06E-14	8.38	22.4983671	2.33E-01	107503819	107503942	NC_000002.11
cg17287155	2.33E-13	1.06E-14	8.38	22.4964895	9.20E-02	393347	393470	NC_000005.9
cg10763247	2.33E-13	1.06E-14	8.38	22.4954056	7.76E-02	61066614	61066737	NC_000003.11
cg24334591	2.33E-13	1.06E-14	8.37	22.4940144	2.53E-01	37005562	37005685	NC_000013.10
cg23016129	2.34E-13	1.06E-14	8.37	22.4917508	1.30E-01	22634224	22634347	NC_000010.10
cg09780241	2.34E-13	1.06E-14	8.37	22.4907859	2.49E-01	111535597	111535720	NC_000004.11
cg05250768	2.35E-13	1.07E-14	8.37	22.4880827	2.67E-01	27209270	27209393	NC_000007.13
cg17727929	2.35E-13	1.07E-14	8.37	22.4878667	2.24E-01	38069338	38069461	NC_000021.8
cg02803819	2.35E-13	1.07E-14	8.37	22.4861083	2.09E-01	27141067	27141190	NC_000007.13
cg10307076	2.36E-13	1.07E-14	8.37	22.4834688	2.78E-02	3572221	3572344	NC_000010.10
cg18813020	2.36E-13	1.07E-14	8.37	22.4808896	1.67E-01	122434472	122434595	NC_000005.9
cg06916740	2.37E-13	1.08E-14	8.37	22.4786982	9.90E-02	91188911	91189034	NC_000006.11
cg06448705	2.37E-13	1.08E-14	8.37	22.478484	1.84E-01	135701094	135701217	NC_000005.9
cg16014492	2.37E-13	1.08E-14	8.37	22.4756644	6.98E-02	88018953	88019076	NC_000016.9



cg06228507	2.37E-13	1.08E-14	8.37	22.4748343	1.67E-01	61637360	61637483	NC_000020.10
cg18731327	2.39E-13	1.09E-14	8.37	22.4700119	1.40E-01	147114352	147114475	NC_000003.11
cg24346905	2.39E-13	1.09E-14	8.37	22.4698053	1.91E-01	108023249	108023372	NC_000001.10
cg11419814	2.39E-13	1.09E-14	8.37	22.4680543	1.63E-01	22056533	22056656	NC_000013.10
cg05854217	2.39E-13	1.09E-14	8.37	22.4674538	1.64E-01	1595819	1595942	NC_000002.11
cg14522150	2.39E-13	1.09E-14	8.37	22.4668819	1.17E-01	50616478	50616601	NC_000010.10
cg22677260	2.40E-13	1.09E-14	8.37	22.4657074	7.31E-02	55814218	55814341	NC_000019.9
cg05791938	2.40E-13	1.09E-14	8.37	22.4645296	5.98E-02	97229682	97229805	NC_000010.10
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cg22974462	2.41E-13	1.10E-14	8.37	22.4601194	5.54E-02	29177553	29177676	NC_000008.10
cg13924554	2.42E-13	1.10E-14	8.37	22.4562793	5.33E-02	50710952	50711075	NC_000013.10
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cg06117072	2.43E-13	1.11E-14	8.37	22.4510654	1.66E-01	50791385	50791508	NC_000006.11
cg12848065	2.43E-13	1.11E-14	8.37	22.4485473	1.89E-01	207507528	207507651	NC_000002.11
cg08954761	2.44E-13	1.11E-14	8.37	22.4480006	6.20E-02	88294101	88294224	NC_000016.9
cg24362812	2.44E-13	1.11E-14	8.37	22.4467672	2.61E-01	11148769	11148892	NC_000018.9
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cg01881265	2.44E-13	1.12E-14	8.37	22.4439651	9.52E-02	934534	934657	NC_000017.10
cg21938148	2.45E-13	1.12E-14	8.37	22.4433538	2.89E-01	110958977	110959100	NC_000013.10
cg01769468	2.45E-13	1.12E-14	8.37	22.4431408	9.85E-02	86888585	86888708	NC_000001.10
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cg25056510	2.46E-13	1.12E-14	8.37	22.4376545	9.74E-02	32729745	32729868	NC_000015.9
cg06089606	2.46E-13	1.12E-14	8.37	22.4374592	9.97E-02	89909180	89909303	NC_000003.11

cg11100481	2.46E-13	1.12E-14	8.37	22.4365951	1.27E-01	149867577	149867700	NC_000005.9
cg20052718	2.46E-13	1.12E-14	8.37	22.4363024	1.69E-01	19156902	19157025	NC_000007.13
cg09890213	2.47E-13	1.13E-14	8.36	22.4321002	1.12E-01	52409033	52409156	NC_000012.11
cg26156448	2.47E-13	1.13E-14	8.36	22.4318046	1.75E-01	21378200	21378323	NC_000020.10
cg19787644	2.48E-13	1.13E-14	8.36	22.430763	1.02E-01	94532246	94532369	NC_000012.11
cg02344820	2.48E-13	1.13E-14	8.36	22.4301445	1.40E-01	155167511	155167634	NC_000007.13
cg01283863	2.48E-13	1.13E-14	8.36	22.4300447	4.85E-02	33863759	33863882	NC_000020.10
cg26355072	2.48E-13	1.13E-14	8.36	22.4271979	5.34E-02	141674679	141674802	NC_000005.9
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cg27569174	2.49E-13	1.14E-14	8.36	22.4262287	7.44E-02	177952602	177952725	NC_000001.10
cg05187193	2.50E-13	1.14E-14	8.36	22.4211203	8.80E-02	168397037	168397160	NC_000006.11
cg21176263	2.50E-13	1.14E-14	8.36	22.4206735	6.13E-02	129455497	129455620	NC_000009.11
cg06714088	2.51E-13	1.15E-14	8.36	22.4166172	7.76E-02	167093800	167093923	NC_000001.10
cg13551330	2.51E-13	1.15E-14	8.36	22.4157962	5.34E-02	32388149	32388272	NC_000009.11
cg22108374	2.51E-13	1.15E-14	8.36	22.4154952	1.46E-01	74557527	74557650	NC_000015.9
cg26118906	2.52E-13	1.15E-14	8.36	22.41332	1.92E-01	58332488	58332611	NC_000014.8
cg04523867	2.52E-13	1.15E-14	8.36	22.413313	9.75E-02	56667262	56667385	NC_000016.9
cg25622154	2.52E-13	1.15E-14	8.36	22.4096566	1.84E-01	228657536	228657659	NC_000001.10
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cg22868951	2.53E-13	1.16E-14	8.36	22.4077854	1.54E-01	129767588	129767711	NC_000004.11
cg13717541	2.53E-13	1.16E-14	8.36	22.4055599	2.15E-01	95727643	95727766	NC_000014.8
cg16945312	2.54E-13	1.16E-14	8.36	22.4038572	2.09E-01	1393028	1393151	NC_000006.11
cg18266257	2.54E-13	1.16E-14	8.36	22.4017222	6.79E-02	32803444	32803567	NC_000006.11
cg16903885	2.55E-13	1.17E-14	8.36	22.4006395	1.06E-01	134795548	134795671	NC_000010.10
cg07904028	2.55E-13	1.17E-14	8.36	22.3983216	9.81E-02	6328508	6328631	NC_000004.11

cg24502901	2.55E-13	1.17E-14	8.36	22.3979287	6.15E-02	24086220	24086343	NC_000001.10
cg22171758	2.56E-13	1.17E-14	8.36	22.3968348	8.74E-02	54146133	54146256	NC_000012.11
cg19109431	2.56E-13	1.17E-14	8.36	22.3939204	1.26E-01	44234511	44234634	NC_000006.11
cg25970377	2.57E-13	1.18E-14	8.36	22.3925931	1.70E-01	57089933	57090056	NC_000020.10
cg07517893	2.58E-13	1.18E-14	8.36	22.3881714	1.98E-01	45889164	45889287	NC_000019.9
cg07647164	2.58E-13	1.18E-14	8.36	22.3874676	1.98E-01	214360690	214360813	NC_000001.10
cg09188385	2.60E-13	1.19E-14	8.36	22.3784701	1.06E-01	5645728	5645851	NC_000007.13
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cg00012762	2.60E-13	1.19E-14	8.36	22.3779107	2.83E-02	72744649	72744772	NC_000017.10
cg22855968	2.60E-13	1.19E-14	8.36	22.3776087	9.93E-02	134673162	134673285	NC_000006.11
cg10755235	2.61E-13	1.20E-14	8.36	22.3743351	2.13E-01	60974039	60974162	NC_000014.8
cg26274166	2.63E-13	1.21E-14	8.35	22.3661192	1.50E-01	50060174	50060297	NC_000019.9
cg17403512	2.63E-13	1.21E-14	8.35	22.3658963	9.65E-02	28700396	28700519	NC_000015.9
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cg07274716	2.66E-13	1.22E-14	8.35	22.3567732	1.73E-01	134363973	134364096	NC_000005.9
cg23245942	2.66E-13	1.22E-14	8.35	22.3543095	1.78E-01	46698973	46699096	NC_000017.10
cg07800665	2.67E-13	1.23E-14	8.35	22.3507533	2.55E-01	21657926	21658049	NC_000019.9
cg05586304	2.68E-13	1.23E-14	8.35	22.3485729	2.14E-01	75629039	75629162	NC_000003.11
cg07799386	2.68E-13	1.23E-14	8.35	22.3471399	1.34E-01	122430821	122430944	NC_000005.9
cg12892506	2.70E-13	1.24E-14	8.35	22.3402569	2.26E-01	147113918	147114041	NC_000003.11
cg24892510	2.70E-13	1.24E-14	8.35	22.3400164	2.12E-01	53636309	53636432	NC_000019.9
cg03231647	2.70E-13	1.24E-14	8.35	22.3398264	1.64E-01	237081650	237081773	NC_000002.11
cg19202813	2.70E-13	1.24E-14	8.35	22.3394105	1.33E-01	189216616	189216739	NC_000002.11

cg22916586	2.70E-13	1.24E-14	8.35	22.337132	1.53E-01	12686957	12687080	NC_000012.11
cg04293733	2.71E-13	1.25E-14	8.35	22.3348769	2.39E-01	98511629	98511752	NC_000001.10
cg18723560	2.71E-13	1.25E-14	8.35	22.3344541	2.19E-01	51228831	51228954	NC_000019.9
cg03717503	2.72E-13	1.25E-14	8.35	22.3321362	1.15E-01	86734176	86734299	NC_000016.9
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cg17382918	2.73E-13	1.26E-14	8.35	22.3274865	1.23E-01	57042544	57042667	NC_000020.10
cg10702770	2.73E-13	1.26E-14	8.35	22.3268912	1.30E-01	39283780	39283903	NC_000001.10
cg12055515	2.73E-13	1.26E-14	8.35	22.3259999	1.66E-01	66735203	66735326	NC_000002.11
cg07150062	2.74E-13	1.26E-14	8.35	22.324462	2.10E-01	104552032	104552155	NC_000014.8
cg18639233	2.74E-13	1.26E-14	8.35	22.3222621	2.41E-01	60975846	60975969	NC_000014.8
cg00936187	2.75E-13	1.26E-14	8.35	22.3212149	9.41E-02	88801685	88801808	NC_000016.9
cg14146657	2.75E-13	1.27E-14	8.35	22.3192328	1.35E-01	128412220	128412343	NC_000009.11
cg22138430	2.75E-13	1.27E-14	8.35	22.31857	2.08E-01	92789500	92789623	NC_000014.8
cg02705681	2.76E-13	1.27E-14	8.35	22.3155859	9.89E-02	102118300	102118423	NC_000007.13
cg11873482	2.76E-13	1.27E-14	8.35	22.3149871	2.60E-01	97361244	97361367	NC_000007.13
cg18740429	2.77E-13	1.28E-14	8.35	22.3118013	1.81E-01	134844716	134844839	NC_000010.10
cg26564815	2.77E-13	1.28E-14	8.35	22.3107271	9.68E-02	74350933	74351056	NC_000011.9
cg18828619	2.77E-13	1.28E-14	8.35	22.3103818	9.09E-02	56615077	56615200	NC_000014.8
cg03365311	2.78E-13	1.28E-14	8.35	22.3098223	2.14E-01	43602965	43603088	NC_000011.9
cg20644626	2.78E-13	1.28E-14	8.34	22.3072174	1.01E-01	74274353	74274476	NC_000004.11
cg11990902	2.79E-13	1.29E-14	8.34	22.3031803	4.28E-02	44196412	44196535	NC_000006.11
cg04846243	2.81E-13	1.29E-14	8.34	22.297854	2.61E-01	47074883	47075006	NC_000017.10
cg13718100	2.81E-13	1.30E-14	8.34	22.2962562	1.04E-01	133796449	133796572	NC_000009.11
cg02628840	2.82E-13	1.30E-14	8.34	22.2951495	1.04E-01	46860579	46860702	NC_000021.8
cg27601873	2.82E-13	1.30E-14	8.34	22.2947866	5.73E-02	2163879	2164002	NC_000016.9

cg19623360	2.82E-13	1.30E-14	8.34	22.2939454	1.58E-01	27191914	27192037	NC_000007.13
cg25655854	2.82E-13	1.30E-14	8.34	22.2931418	1.13E-01	99772732	99772855	NC_000004.11
cg06107104	2.82E-13	1.30E-14	8.34	22.2927409	1.29E-01	73617762	73617885	NC_000017.10
cg14802400	2.83E-13	1.30E-14	8.34	22.2901592	9.77E-02	104608583	104608706	NC_000012.11
cg04807108	2.83E-13	1.31E-14	8.34	22.2881239	1.13E-01	78697933	78698056	NC_000015.9
cg02970297	2.84E-13	1.31E-14	8.34	22.2868948	1.95E-01	102920962	102921085	NC_000007.13
cg19115393	2.84E-13	1.31E-14	8.34	22.286314	2.31E-01	59829060	59829183	NC_000020.10
cg05640128	2.84E-13	1.31E-14	8.34	22.2860995	1.95E-01	154002270	154002393	NC_000007.13
cg06568783	2.84E-13	1.31E-14	8.34	22.286042	8.04E-02	45388128	45388251	NC_000017.10
cg22547775	2.84E-13	1.31E-14	8.34	22.2846482	1.24E-01	2537634	2537757	NC_000005.9
cg23698950	2.85E-13	1.31E-14	8.34	22.2818331	1.06E-01	30110123	30110246	NC_000006.11
cg20443451	2.85E-13	1.32E-14	8.34	22.2808984	1.41E-01	31497233	31497356	NC_000006.11
cg08580032	2.86E-13	1.32E-14	8.34	22.2797045	1.01E-01	77562500	77562623	NC_000018.9
cg14127567	2.87E-13	1.33E-14	8.34	22.2734562	5.44E-02	60817041	60817164	NC_000017.10
cg26465206	2.87E-13	1.33E-14	8.34	22.2734292	1.40E-01	13670022	13670145	NC_000010.10
cg16138150	2.88E-13	1.33E-14	8.34	22.2717131	2.43E-01	37839684	37839807	NC_000005.9
cg03610729	2.88E-13	1.33E-14	8.34	22.271428	9.78E-02	168199897	168200020	NC_000005.9
cg24080247	2.88E-13	1.33E-14	8.34	22.2704707	2.24E-01	38082613	38082736	NC_000021.8
cg20890210	2.88E-13	1.33E-14	8.34	22.2703352	2.06E-01	73450181	73450304	NC_000008.10
cg07831417	2.88E-13	1.33E-14	8.34	22.2703058	2.23E-01	122848204	122848327	NC_000011.9
cg07188591	2.89E-13	1.33E-14	8.34	22.2678675	2.50E-01	148854315	148854438	NC_000001.10
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cg16284437	2.91E-13	1.34E-14	8.34	22.2600061	1.20E-01	76751616	76751739	NC_000018.9
cg08652487	2.93E-13	1.36E-14	8.34	22.2518512	1.64E-01	229569795	229569918	NC_000001.10
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cg00985983	2.94E-13	1.36E-14	8.33	22.2475506	1.39E-01	30728510	30728633	NC_000022.10
cg24315340	2.95E-13	1.36E-14	8.33	22.2458644	1.41E-01	146058215	146058338	NC_000006.11
cg02311794	2.95E-13	1.37E-14	8.33	22.2443128	1.20E-01	86302971	86303094	NC_000015.9
cg16484042	2.96E-13	1.37E-14	8.33	22.240371	1.39E-01	14403405	14403528	NC_000016.9
cg00704780	2.97E-13	1.37E-14	8.33	22.237654	1.26E-01	242207920	242208043	NC_000002.11
cg06493207	2.97E-13	1.38E-14	8.33	22.2372877	1.08E-01	174160825	174160948	NC_000005.9
cg15173134	2.98E-13	1.38E-14	8.33	22.2347868	2.90E-01	119000638	119000761	NC_000010.10
cg10808783	2.98E-13	1.38E-14	8.33	22.2337198	2.18E-01	1467921	1468044	NC_000019.9
cg08285415	2.99E-13	1.38E-14	8.33	22.2316959	5.57E-02	78283681	78283804	NC_000015.9
cg16428251	3.00E-13	1.39E-14	8.33	22.2289877	2.17E-01	137483479	137483602	NC_000003.11
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cg18391611	3.06E-13	1.42E-14	8.33	22.2062284	8.43E-02	56042991	56043114	NC_000019.9

cg19317211	3.06E-13	1.42E-14	8.33	22.2061604	2.47E-01	2801711	2801834	NC_000020.10
cg02761480	3.07E-13	1.42E-14	8.33	22.2036274	2.41E-01	77822771	77822894	NC_000016.9
cg05622465	3.07E-13	1.42E-14	8.33	22.2023228	2.11E-01	110613072	110613195	NC_000001.10
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cg16631199	3.09E-13	1.44E-14	8.33	22.1951913	1.64E-01	101841253	101841376	NC_000010.10
cg12615535	3.10E-13	1.44E-14	8.33	22.1939249	1.95E-01	139257713	139257836	NC_000003.11
cg08405910	3.10E-13	1.44E-14	8.33	22.1938117	9.96E-02	106501075	106501198	NC_000002.11
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cg24174232	3.11E-13	1.44E-14	8.33	22.1914364	1.17E-01	29818175	29818298	NC_000017.10
cg16459364	3.11E-13	1.44E-14	8.33	22.1899519	1.73E-01	24771125	24771248	NC_000008.10
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cg24675150	3.13E-13	1.46E-14	8.32	22.1815484	2.57E-01	119212160	119212283	NC_000012.11
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cg16294566	3.14E-13	1.46E-14	8.32	22.1781613	2.20E-01	32458656	32458779	NC_000011.9
cg13235366	3.15E-13	1.46E-14	8.32	22.1756621	8.58E-02	44032202	44032325	NC_000001.10
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cg11710887	3.16E-13	1.47E-14	8.32	22.1720374	8.03E-02	158748803	158748926	NC_000007.13
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cg09914773	3.17E-13	1.47E-14	8.32	22.1700845	9.11E-02	99383224	99383347	NC_000007.13
cg16364121	3.18E-13	1.48E-14	8.32	22.1677984	2.93E-01	35291924	35292047	NC_000017.10

cg19574193	3.18E-13	1.48E-14	8.32	22.1672525	9.68E-02	20136824	20136947	NC_000014.8
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cg03144922	3.18E-13	1.48E-14	8.32	22.1663811	1.78E-01	111540992	111541115	NC_000004.11
cg00168118	3.18E-13	1.48E-14	8.32	22.1655669	1.53E-01	85669675	85669798	NC_000016.9
cg17082640	3.18E-13	1.48E-14	8.32	22.1649437	1.11E-01	57205380	57205503	NC_000008.10
cg17827020	3.19E-13	1.48E-14	8.32	22.1622567	1.94E-01	180202784	180202907	NC_000001.10
cg01661742	3.20E-13	1.49E-14	8.32	22.1607367	1.07E-01	142141192	142141315	NC_000004.11
cg13422870	3.21E-13	1.49E-14	8.32	22.1559954	8.29E-02	102671668	102671791	NC_000009.11
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cg17924936	3.22E-13	1.50E-14	8.32	22.1532712	2.24E-01	1763800	1763923	NC_000019.9
cg09862721	3.22E-13	1.50E-14	8.32	22.1516499	4.06E-02	152155003	152155126	NC_000002.11
cg03605361	3.22E-13	1.50E-14	8.32	22.1512189	6.45E-02	179715673	179715796	NC_000005.9
cg16300838	3.23E-13	1.50E-14	8.32	22.151044	6.06E-02	135109211	135109334	NC_000010.10
cg12971867	3.23E-13	1.50E-14	8.32	22.1483869	8.70E-02	50528564	50528687	NC_000022.10
cg13890379	3.23E-13	1.51E-14	8.32	22.1480217	1.42E-01	67070324	67070447	NC_000018.9
cg25089587	3.24E-13	1.51E-14	8.32	22.1476695	9.00E-02	104184551	104184674	NC_000014.8
cg08587321	3.24E-13	1.51E-14	8.32	22.145488	7.60E-02	31473811	31473934	NC_000016.9
cg19925849	3.25E-13	1.51E-14	8.32	22.1427969	1.67E-01	54445377	54445500	NC_000019.9
cg16921310	3.25E-13	1.51E-14	8.32	22.1418792	2.20E-01	103351987	103352110	NC_000012.11
cg01209655	3.26E-13	1.52E-14	8.32	22.1412107	4.13E-02	30041081	30041204	NC_000006.11
cg06388730	3.27E-13	1.52E-14	8.32	22.1382482	1.62E-01	35297699	35297822	NC_000007.13
cg23055707	3.28E-13	1.53E-14	8.32	22.1350719	1.27E-01	1681153	1681276	NC_000002.11
cg17095728	3.28E-13	1.53E-14	8.32	22.1345392	2.34E-01	231297516	231297639	NC_000001.10
cg02000882	3.28E-13	1.53E-14	8.32	22.1329044	2.29E-01	86542113	86542236	NC_000016.9
cg10831607	3.29E-13	1.53E-14	8.32	22.1317783	2.26E-01	115134374	115134497	NC_000012.11



cg04434339	3.29E-13	1.53E-14	8.32	22.1313458	2.40E-01	107503547	107503670	NC_000002.11
cg09151131	3.29E-13	1.53E-14	8.32	22.1305918	1.38E-01	48552276	48552399	NC_000017.10
cg06825039	3.29E-13	1.53E-14	8.32	22.129405	1.81E-01	20824905	20825028	NC_000007.13
cg16686174	3.31E-13	1.54E-14	8.32	22.1246611	1.25E-01	75373081	75373204	NC_000017.10
cg00364956	3.31E-13	1.54E-14	8.31	22.1232996	1.16E-01	33777219	33777342	NC_000017.10
cg05433657	3.32E-13	1.55E-14	8.31	22.1210259	5.10E-02	71006703	71006826	NC_000010.10
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cg03237868	3.33E-13	1.55E-14	8.31	22.1187187	7.72E-02	52919914	52920037	NC_000004.11
cg17460447	3.35E-13	1.56E-14	8.31	22.1109748	2.98E-01	5712937	5713060	NC_000004.11
cg08040824	3.35E-13	1.56E-14	8.31	22.1103248	7.09E-02	189420438	189420561	NC_000003.11
cg22481263	3.35E-13	1.56E-14	8.31	22.1102832	1.03E-01	906493	906616	NC_000001.10
cg03705299	3.36E-13	1.57E-14	8.31	22.1094844	6.08E-02	8721021	8721144	NC_000011.9
cg24921186	3.36E-13	1.57E-14	8.31	22.1089335	7.64E-02	43045001	43045124	NC_000005.9
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cg13458210	3.37E-13	1.57E-14	8.31	22.105465	9.46E-02	161010071	161010194	NC_000001.10
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cg07095230	3.37E-13	1.58E-14	8.31	22.1032969	2.20E-01	59480730	59480853	NC_000017.10
cg13566648	3.38E-13	1.58E-14	8.31	22.1030235	1.78E-01	12750030	12750153	NC_000006.11
cg03515663	3.39E-13	1.58E-14	8.31	22.0984981	1.70E-01	157478510	157478633	NC_000007.13
cg22111442	3.40E-13	1.59E-14	8.31	22.0967798	1.17E-01	31441196	31441319	NC_000001.10
cg10732215	3.40E-13	1.59E-14	8.31	22.0954702	2.85E-01	22625465	22625588	NC_000010.10
cg25961733	3.41E-13	1.59E-14	8.31	22.0927398	3.96E-02	134228239	134228362	NC_000010.10
cg21306006	3.41E-13	1.59E-14	8.31	22.0917876	1.92E-01	166402081	166402204	NC_000006.11
cg01369750	3.41E-13	1.59E-14	8.31	22.0917506	2.05E-01	688018	688141	NC_000008.10
cg27361370	3.42E-13	1.60E-14	8.31	22.0901339	1.95E-01	157813327	157813450	NC_000003.11

cg00926400	3.42E-13	1.60E-14	8.31	22.0891846	2.21E-01	198651498	198651621	NC_000002.11
cg15013830	3.44E-13	1.61E-14	8.31	22.0824272	5.43E-02	24581791	24581914	NC_000022.10
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cg23038560	3.45E-13	1.61E-14	8.31	22.0792454	6.81E-02	94582513	94582636	NC_000014.8
cg02990869	3.46E-13	1.62E-14	8.31	22.0781234	1.95E-01	165304842	165304965	NC_000004.11
cg19049194	3.46E-13	1.62E-14	8.31	22.0767336	1.81E-01	175193754	175193877	NC_000002.11
cg04868962	3.47E-13	1.62E-14	8.31	22.0744227	1.77E-01	180427177	180427300	NC_000002.11
cg04623131	3.47E-13	1.62E-14	8.31	22.0730319	1.14E-01	97564564	97564687	NC_000002.11
cg18354370	3.48E-13	1.63E-14	8.31	22.0702539	9.65E-02	50393044	50393167	NC_000003.11
cg14552982	3.49E-13	1.63E-14	8.31	22.0689135	1.07E-01	133568226	133568349	NC_000009.11
cg25393009	3.49E-13	1.63E-14	8.31	22.0678636	1.62E-01	14691641	14691764	NC_000011.9
cg08705958	3.49E-13	1.63E-14	8.31	22.0674675	6.90E-02	113497324	113497447	NC_000013.10
cg25944168	3.50E-13	1.64E-14	8.31	22.0657373	1.05E-01	88862221	88862344	NC_000002.11
cg19794395	3.51E-13	1.64E-14	8.3	22.0627426	6.75E-02	58158293	58158416	NC_000012.11
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cg12461677	3.52E-13	1.65E-14	8.3	22.0595111	1.34E-01	58862089	58862212	NC_000019.9
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cg25426203	3.52E-13	1.65E-14	8.3	22.0581137	1.22E-01	88600793	88600916	NC_000010.10
cg02155884	3.52E-13	1.65E-14	8.3	22.0579831	2.07E-01	112715454	112715577	NC_000013.10
cg20737554	3.53E-13	1.65E-14	8.3	22.0567423	1.64E-01	115612464	115612587	NC_000010.10
cg12778178	3.53E-13	1.65E-14	8.3	22.0563559	4.91E-02	62583555	62583678	NC_000020.10
cg08624445	3.53E-13	1.65E-14	8.3	22.0561575	8.22E-02	46306688	46306811	NC_000021.8
cg21250061	3.53E-13	1.65E-14	8.3	22.0555837	1.38E-01	37463344	37463467	NC_000009.11
cg14131755	3.54E-13	1.66E-14	8.3	22.0544236	2.39E-01	50606043	50606166	NC_000010.10
cg22457642	3.54E-13	1.66E-14	8.3	22.0525137	1.20E-01	109307774	109307897	NC_000006.11

cg16822666	3.55E-13	1.66E-14	8.3	22.050537	1.77E-01	35656660	35656783	NC_000017.10
cg16883063	3.55E-13	1.66E-14	8.3	22.0494034	1.70E-01	1801495	1801618	NC_000007.13
cg05417127	3.55E-13	1.66E-14	8.3	22.0484948	2.67E-01	1968709	1968832	NC_000016.9
cg03156260	3.56E-13	1.67E-14	8.3	22.0478875	9.91E-02	75721361	75721484	NC_000004.11
cg24436715	3.56E-13	1.67E-14	8.3	22.0471181	2.10E-01	31848130	31848253	NC_000019.9
cg14582400	3.56E-13	1.67E-14	8.3	22.046291	1.80E-01	112726118	112726241	NC_000013.10
cg07035046	3.57E-13	1.67E-14	8.3	22.0436161	1.15E-01	79791064	79791187	NC_000009.11
cg06237151	3.58E-13	1.68E-14	8.3	22.0420832	1.22E-01	46123153	46123276	NC_000010.10
cg14157417	3.60E-13	1.69E-14	8.3	22.0359326	6.86E-02	158265485	158265608	NC_000007.13
cg24851364	3.60E-13	1.69E-14	8.3	22.0347537	2.35E-01	57390306	57390429	NC_000010.10
cg16256902	3.60E-13	1.69E-14	8.3	22.0346698	1.32E-01	183826405	183826528	NC_000004.11
cg26917694	3.60E-13	1.69E-14	8.3	22.0338183	1.83E-01	221061058	221061181	NC_000001.10
cg16522412	3.61E-13	1.69E-14	8.3	22.033152	6.81E-02	33926811	33926934	NC_000013.10
cg22399458	3.61E-13	1.69E-14	8.3	22.0329245	5.31E-02	112038039	112038162	NC_000011.9
cg04077662	3.61E-13	1.70E-14	8.3	22.0305785	2.00E-01	77333229	77333352	NC_000001.10
cg02909136	3.62E-13	1.70E-14	8.3	22.0300345	2.09E-01	44941542	44941665	NC_000020.10
cg16426537	3.62E-13	1.70E-14	8.3	22.029019	2.49E-01	18813556	18813679	NC_000011.9
cg16984485	3.62E-13	1.70E-14	8.3	22.0287879	4.28E-02	3218116	3218239	NC_000003.11
cg14761227	3.63E-13	1.70E-14	8.3	22.025778	1.51E-01	130021088	130021211	NC_000007.13
cg01440497	3.64E-13	1.71E-14	8.3	22.0245717	7.60E-02	1273484	1273607	NC_000016.9
cg14180004	3.64E-13	1.71E-14	8.3	22.0224138	1.09E-01	46722777	46722900	NC_000021.8
cg12993163	3.65E-13	1.71E-14	8.3	22.0215349	2.06E-01	157821407	157821530	NC_000003.11
cg17982346	3.65E-13	1.71E-14	8.3	22.0215199	6.78E-02	58512825	58512948	NC_000017.10
cg12343182	3.65E-13	1.71E-14	8.3	22.0209208	3.21E-01	43439387	43439510	NC_000020.10
cg11232868	3.65E-13	1.71E-14	8.3	22.0198401	1.35E-01	12495801	12495924	NC_000003.11

cg03456651	3.65E-13	1.71E-14	8.3	22.0193745	6.07E-02	73479833	73479956	NC_000010.10
cg18146843	3.65E-13	1.72E-14	8.3	22.0190889	2.01E-01	53099248	53099371	NC_000001.10
cg12939425	3.66E-13	1.72E-14	8.3	22.0168386	1.11E-01	130344188	130344311	NC_000005.9
cg11628880	3.67E-13	1.72E-14	8.3	22.0152995	1.75E-01	37852492	37852615	NC_000021.8
cg10625575	3.67E-13	1.72E-14	8.3	22.0149212	9.77E-02	4645224	4645347	NC_000012.11
cg14651705	3.69E-13	1.73E-14	8.3	22.008768	5.93E-02	136226035	136226158	NC_000009.11
cg19633004	3.69E-13	1.73E-14	8.3	22.0079671	2.11E-01	10704044	10704167	NC_000005.9
cg09579310	3.71E-13	1.74E-14	8.3	22.0046797	2.49E-01	10395947	10396070	NC_000006.11
cg17480760	3.71E-13	1.74E-14	8.3	22.0042053	1.69E-01	86350889	86351012	NC_000008.10
cg11539780	3.71E-13	1.74E-14	8.3	22.0033996	2.66E-01	57019016	57019139	NC_000019.9
cg10008947	3.71E-13	1.74E-14	8.3	22.0031551	9.68E-02	73500739	73500862	NC_000017.10
cg25442600	3.71E-13	1.74E-14	8.3	22.0030107	1.54E-01	1888033	1888156	NC_000005.9
cg01818151	3.72E-13	1.75E-14	8.29	21.9999185	1.73E-01	46797042	46797165	NC_000017.10
cg26649504	3.74E-13	1.76E-14	8.29	21.9946072	1.14E-01	112196397	112196520	NC_000012.11
cg09968723	3.75E-13	1.76E-14	8.29	21.9923483	2.71E-01	143545789	143545912	NC_000008.10
cg08507422	3.75E-13	1.76E-14	8.29	21.991561	2.35E-01	1272512	1272635	NC_000007.13
cg26609631	3.76E-13	1.77E-14	8.29	21.9906165	2.45E-01	28366814	28366937	NC_000013.10
cg00333512	3.76E-13	1.77E-14	8.29	21.9882164	2.20E-01	25909599	25909722	NC_000008.10
cg17896776	3.77E-13	1.77E-14	8.29	21.9869098	2.07E-01	172733760	172733883	NC_000004.11
cg11326255	3.77E-13	1.77E-14	8.29	21.98572	1.79E-01	3786583	3786706	NC_000019.9
cg17889618	3.78E-13	1.78E-14	8.29	21.98456	8.02E-02	233085132	233085255	NC_000001.10
cg17463083	3.79E-13	1.78E-14	8.29	21.9800902	1.64E-01	62153284	62153407	NC_000017.10
cg11532431	3.81E-13	1.79E-14	8.29	21.9767163	2.12E-01	27169674	27169797	NC_000007.13
cg07135732	3.81E-13	1.79E-14	8.29	21.9764269	1.83E-01	91184290	91184413	NC_000001.10
cg16845394	3.81E-13	1.79E-14	8.29	21.9744919	2.42E-01	109096007	109096130	NC_000008.10

cg23807215	3.82E-13	1.80E-14	8.29	21.9716879	3.56E-02	101666942	101667065	NC_000002.11
cg00249511	3.83E-13	1.80E-14	8.29	21.9688617	2.45E-01	627152	627275	NC_000011.9
cg02441747	3.84E-13	1.81E-14	8.29	21.9669195	2.29E-01	110223646	110223769	NC_000004.11
cg03222176	3.85E-13	1.81E-14	8.29	21.9659113	1.18E-01	96948323	96948446	NC_000001.10
cg13434411	3.87E-13	1.82E-14	8.29	21.9590147	1.91E-01	970297	970420	NC_000009.11
cg18449734	3.87E-13	1.82E-14	8.29	21.9586834	1.88E-01	7853429	7853552	NC_000019.9
cg11880367	3.88E-13	1.83E-14	8.29	21.9572108	1.16E-01	80141181	80141304	NC_000010.10
cg00795616	3.90E-13	1.84E-14	8.29	21.9516282	1.04E-01	6867074	6867197	NC_000007.13
cg08332074	3.91E-13	1.84E-14	8.29	21.9482273	2.13E-01	51189941	51190064	NC_000016.9
cg15039102	3.91E-13	1.84E-14	8.29	21.9474515	1.89E-01	3121953	3122076	NC_000005.9
cg00395625	3.94E-13	1.86E-14	8.29	21.9417566	1.43E-01	138664249	138664372	NC_000007.13
cg22605415	3.94E-13	1.86E-14	8.29	21.9411575	1.65E-01	175135997	175136120	NC_000004.11
cg11781977	3.94E-13	1.86E-14	8.29	21.9406042	5.85E-02	40123107	40123230	NC_000021.8
cg01520571	3.95E-13	1.86E-14	8.28	21.9387267	2.19E-01	35296481	35296604	NC_000017.10
cg13149573	3.95E-13	1.86E-14	8.28	21.9385592	3.77E-02	3234519	3234642	NC_000004.11
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cg05596265	3.96E-13	1.87E-14	8.28	21.9351435	1.76E-01	2141382	2141505	NC_000003.11
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cg25781162	3.98E-13	1.88E-14	8.28	21.9290886	1.50E-01	44065996	44066119	NC_000002.11
cg22679728	3.99E-13	1.88E-14	8.28	21.9276778	2.08E-01	242688523	242688646	NC_000001.10
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cg06866140	4.00E-13	1.89E-14	8.28	21.9248839	1.05E-01	16993566	16993689	NC_000019.9
cg10287461	4.01E-13	1.89E-14	8.28	21.9230039	7.33E-02	119510240	119510363	NC_000011.9
cg17451493	4.01E-13	1.89E-14	8.28	21.9224631	8.21E-02	131132745	131132868	NC_000010.10
cg25092681	4.01E-13	1.89E-14	8.28	21.9209965	2.12E-01	16180033	16180156	NC_000005.9

cg02481498	4.02E-13	1.90E-14	8.28	21.9190779	6.45E-02	101956421	101956544	NC_000002.11
cg00839579	4.02E-13	1.90E-14	8.28	21.9178051	2.46E-01	15727441	15727564	NC_000007.13
cg06746118	4.03E-13	1.90E-14	8.28	21.9168303	2.53E-01	118922887	118923010	NC_000010.10
cg27267617	4.04E-13	1.91E-14	8.28	21.9138299	9.32E-02	42445462	42445585	NC_000019.9
cg13985135	4.08E-13	1.93E-14	8.28	21.9032162	1.60E-01	155641827	155641950	NC_000001.10
cg13285698	4.09E-13	1.93E-14	8.28	21.9014297	8.41E-02	141455681	141455804	NC_000008.10
cg19018435	4.10E-13	1.94E-14	8.28	21.8998516	1.50E-01	183797630	183797753	NC_000001.10
cg26411367	4.10E-13	1.94E-14	8.28	21.8984143	5.38E-02	155988060	155988183	NC_000001.10
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cg24982697	4.10E-13	1.94E-14	8.28	21.8975809	9.19E-02	113521532	113521655	NC_000013.10
cg00125455	4.11E-13	1.94E-14	8.28	21.8951349	1.51E-01	44574271	44574394	NC_000020.10
cg19764599	4.12E-13	1.95E-14	8.28	21.8933124	2.14E-01	75601276	75601399	NC_000001.10
cg25580656	4.12E-13	1.95E-14	8.28	21.8929926	2.37E-01	104197160	104197283	NC_000014.8
cg16280141	4.13E-13	1.95E-14	8.28	21.8917119	1.84E-01	63257753	63257876	NC_000005.9
cg21190038	4.13E-13	1.95E-14	8.28	21.8904789	1.27E-01	44086848	44086971	NC_000015.9
cg05288253	4.15E-13	1.96E-14	8.28	21.8869512	1.44E-01	89552259	89552382	NC_000016.9
cg26967100	4.15E-13	1.96E-14	8.28	21.8853577	1.28E-01	61104032	61104155	NC_000014.8
cg25345178	4.16E-13	1.97E-14	8.28	21.8843196	2.18E-01	72459908	72460031	NC_000008.10
cg18037808	4.16E-13	1.97E-14	8.28	21.8840157	5.16E-02	109059679	109059802	NC_000012.11
cg02672332	4.16E-13	1.97E-14	8.28	21.8823489	1.52E-01	134723970	134724093	NC_000010.10
cg09444036	4.17E-13	1.97E-14	8.28	21.8814211	1.44E-01	658638	658761	NC_000010.10
cg06015733	4.17E-13	1.97E-14	8.28	21.8802296	1.23E-01	38090440	38090563	NC_000008.10
cg00964997	4.18E-13	1.98E-14	8.27	21.8783105	1.52E-01	13531195	13531318	NC_000004.11
cg10639428	4.20E-13	1.99E-14	8.27	21.8731738	1.04E-01	25138879	25139002	NC_000002.11
cg00984146	4.21E-13	1.99E-14	8.27	21.8702458	2.59E-01	38258333	38258456	NC_000005.9

cg04479219	4.22E-13	2.00E-14	8.27	21.8685066	1.76E-01	88326918	88327041	NC_000013.10
cg14603046	4.23E-13	2.00E-14	8.27	21.8665026	2.06E-01	152157902	152158025	NC_000007.13
cg01719433	4.24E-13	2.01E-14	8.27	21.8624964	3.78E-02	62583564	62583687	NC_000020.10
cg20963741	4.24E-13	2.01E-14	8.27	21.8620172	1.87E-01	95359162	95359285	NC_000013.10
cg07687548	4.25E-13	2.01E-14	8.27	21.8604788	2.31E-01	172965280	172965403	NC_000002.11
cg22236485	4.25E-13	2.02E-14	8.27	21.8592121	6.67E-02	128742664	128742787	NC_000008.10
cg07330481	4.26E-13	2.02E-14	8.27	21.8589703	1.82E-01	37322330	37322453	NC_000017.10
cg06002516	4.26E-13	2.02E-14	8.27	21.858215	1.26E-01	57666521	57666644	NC_000012.11
cg09395562	4.26E-13	2.02E-14	8.27	21.8581995	1.16E-01	123501051	123501174	NC_000003.11
cg10813908	4.26E-13	2.02E-14	8.27	21.8576937	6.85E-02	138863041	138863164	NC_000005.9
cg24683222	4.27E-13	2.02E-14	8.27	21.8554645	1.38E-01	41880440	41880563	NC_000004.11
cg17159890	4.27E-13	2.03E-14	8.27	21.854613	1.07E-01	105233093	105233216	NC_000010.10
cg09792204	4.28E-13	2.03E-14	8.27	21.852812	2.14E-01	28342183	28342306	NC_000015.9
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cg02861380	4.30E-13	2.04E-14	8.27	21.8472031	1.88E-01	75596758	75596881	NC_000001.10
cg16014725	4.32E-13	2.05E-14	8.27	21.8434518	1.38E-01	70124422	70124545	NC_000017.10
cg10141715	4.32E-13	2.05E-14	8.27	21.8420937	1.87E-01	101603453	101603576	NC_000012.11
cg10624122	4.35E-13	2.07E-14	8.27	21.8357585	2.04E-01	19158747	19158870	NC_000007.13
cg01914621	4.36E-13	2.07E-14	8.27	21.8330963	2.10E-01	155260474	155260597	NC_000007.13
cg19707040	4.37E-13	2.07E-14	8.27	21.8318843	2.03E-01	79740185	79740308	NC_000002.11
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cg16516919	4.37E-13	2.08E-14	8.27	21.8298839	1.35E-01	203297711	203297834	NC_000001.10
cg01940297	4.38E-13	2.08E-14	8.27	21.8289584	1.38E-01	129061191	129061314	NC_000008.10
cg14492337	4.38E-13	2.08E-14	8.27	21.8275508	1.67E-01	79813507	79813630	NC_000017.10
cg08992499	4.40E-13	2.09E-14	8.27	21.8240354	9.58E-02	63956514	63956637	NC_000003.11

cg06759374	4.40E-13	2.09E-14	8.27	21.8238715	1.62E-01	22414364	22414487	NC_000003.11
cg06194960	4.42E-13	2.10E-14	8.27	21.8201607	9.37E-02	111362	111485	NC_000016.9
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cg17112076	4.43E-13	2.10E-14	8.26	21.8173722	1.20E-01	33170692	33170815	NC_000006.11
cg11281641	4.43E-13	2.10E-14	8.26	21.8170846	2.83E-01	171674855	171674978	NC_000002.11
cg09073398	4.45E-13	2.12E-14	8.26	21.8116453	2.91E-01	168727762	168727885	NC_000005.9
cg04945331	4.45E-13	2.12E-14	8.26	21.8106602	2.41E-01	137483992	137484115	NC_000003.11
cg00058329	4.46E-13	2.12E-14	8.26	21.8084152	2.52E-01	133195094	133195217	NC_000012.11
cg08149193	4.47E-13	2.12E-14	8.26	21.8077389	2.32E-01	44333067	44333190	NC_000011.9
cg04281204	4.47E-13	2.13E-14	8.26	21.8075228	1.52E-01	115612802	115612925	NC_000010.10
cg07127888	4.47E-13	2.13E-14	8.26	21.8072551	2.25E-01	41400789	41400912	NC_000008.10
cg17972100	4.47E-13	2.13E-14	8.26	21.8070715	1.57E-01	8046547	8046670	NC_000004.11
cg00088797	4.48E-13	2.13E-14	8.26	21.8052029	1.69E-01	12976288	12976411	NC_000003.11
cg03874978	4.48E-13	2.13E-14	8.26	21.8051712	1.20E-01	1800448	1800571	NC_000004.11
cg20120512	4.48E-13	2.13E-14	8.26	21.8044231	1.43E-01	47151769	47151892	NC_000019.9
cg07095995	4.48E-13	2.13E-14	8.26	21.8037336	2.43E-01	110223980	110224103	NC_000004.11
cg19706803	4.49E-13	2.14E-14	8.26	21.8013283	1.13E-01	3126033	3126156	NC_000001.10
cg12836958	4.51E-13	2.15E-14	8.26	21.7983016	1.96E-01	186132412	186132535	NC_000004.11
cg08947167	4.51E-13	2.15E-14	8.26	21.7973641	1.07E-01	63671692	63671815	NC_000015.9
cg17003293	4.54E-13	2.16E-14	8.26	21.7893719	2.34E-01	36003826	36003949	NC_000014.8
cg22021022	4.55E-13	2.17E-14	8.26	21.7883102	1.12E-01	183275320	183275443	NC_000001.10
cg25588274	4.55E-13	2.17E-14	8.26	21.7883018	1.85E-01	4230567	4230690	NC_000005.9
cg23437459	4.55E-13	2.17E-14	8.26	21.7882425	1.95E-01	124907457	124907580	NC_000010.10
cg26307359	4.55E-13	2.17E-14	8.26	21.7872099	2.33E-01	27332646	27332769	NC_000017.10
cg18077387	4.55E-13	2.17E-14	8.26	21.7870323	1.05E-01	70699636	70699759	NC_000015.9



cg26591066	4.56E-13	2.17E-14	8.26	21.7863853	1.06E-01	3922863	3922986	NC_000017.10
cg12908522	4.57E-13	2.18E-14	8.26	21.7825066	1.91E-01	5019091	5019214	NC_000012.11
cg22941086	4.58E-13	2.18E-14	8.26	21.7816243	9.31E-02	40019883	40020006	NC_000012.11
cg04775890	4.58E-13	2.18E-14	8.26	21.7810493	8.23E-02	19586046	19586169	NC_000019.9
cg12818557	4.59E-13	2.19E-14	8.26	21.7794795	2.52E-01	89340139	89340262	NC_000008.10
cg25119743	4.59E-13	2.19E-14	8.26	21.7777306	1.42E-01	11059290	11059413	NC_000010.10
cg10935498	4.61E-13	2.20E-14	8.26	21.7743398	1.24E-01	79898777	79898900	NC_000006.11
cg10507508	4.62E-13	2.20E-14	8.26	21.7731886	2.46E-01	30719828	30719951	NC_000019.9
cg23595601	4.63E-13	2.21E-14	8.26	21.7707607	4.90E-02	47690213	47690336	NC_000007.13
cg07799157	4.63E-13	2.21E-14	8.26	21.7705034	6.28E-02	2475103	2475226	NC_000004.11
cg25088758	4.63E-13	2.21E-14	8.26	21.7701856	2.17E-01	110223598	110223721	NC_000004.11
cg22748799	4.63E-13	2.21E-14	8.26	21.7697343	2.43E-01	58570790	58570913	NC_000019.9
cg10074775	4.64E-13	2.21E-14	8.26	21.7682425	2.18E-01	77595027	77595150	NC_000008.10
cg00204748	4.64E-13	2.21E-14	8.26	21.7674878	1.31E-01	29376779	29376902	NC_000012.11
cg05328670	4.64E-13	2.21E-14	8.26	21.7673034	1.23E-01	84096367	84096490	NC_000016.9
cg16962683	4.64E-13	2.21E-14	8.26	21.7671937	1.63E-01	97602671	97602794	NC_000008.10
cg27562682	4.64E-13	2.21E-14	8.26	21.7667275	2.10E-01	243053865	243053988	NC_000001.10
cg20553016	4.66E-13	2.22E-14	8.26	21.7633404	5.07E-02	235950085	235950208	NC_000002.11
cg02759846	4.66E-13	2.22E-14	8.26	21.7631987	2.14E-01	51227943	51228066	NC_000019.9
cg18143243	4.66E-13	2.22E-14	8.26	21.7623528	2.73E-01	54155663	54155786	NC_000003.11
cg26822782	4.67E-13	2.23E-14	8.26	21.7613645	1.10E-01	130621905	130622028	NC_000010.10
cg14645721	4.67E-13	2.23E-14	8.26	21.7597376	4.30E-02	78163589	78163712	NC_000017.10
cg06682185	4.69E-13	2.24E-14	8.25	21.7557046	1.10E-01	61157615	61157738	NC_000018.9
cg12352960	4.69E-13	2.24E-14	8.25	21.7550991	2.15E-01	43428578	43428701	NC_000010.10
cg17270257	4.70E-13	2.24E-14	8.25	21.7547195	2.23E-01	166074870	166074993	NC_000006.11

cg07815836	4.71E-13	2.25E-14	8.25	21.7518487	1.25E-01	58715351	58715474	NC_000019.9
cg12162138	4.72E-13	2.25E-14	8.25	21.7502882	2.35E-01	78673073	78673196	NC_000011.9
cg13405887	4.73E-13	2.26E-14	8.25	21.7481015	2.90E-01	132382812	132382935	NC_000009.11
cg23712594	4.74E-13	2.27E-14	8.25	21.7445663	1.29E-01	226591890	226592013	NC_000001.10
cg03716313	4.76E-13	2.28E-14	8.25	21.7401444	5.94E-02	19355725	19355848	NC_000017.10
cg02081006	4.77E-13	2.28E-14	8.25	21.7392391	2.14E-01	122430434	122430557	NC_000005.9
cg25763393	4.77E-13	2.28E-14	8.25	21.7390338	2.10E-01	52956832	52956955	NC_000019.9
cg25951210	4.78E-13	2.29E-14	8.25	21.7350175	1.07E-01	177016619	177016742	NC_000002.11
cg22851781	4.79E-13	2.29E-14	8.25	21.7331183	1.08E-01	133799053	133799176	NC_000009.11
cg05452406	4.81E-13	2.30E-14	8.25	21.7292356	2.24E-01	10881891	10882014	NC_000006.11
cg14344955	4.81E-13	2.30E-14	8.25	21.7291065	1.40E-01	71744725	71744848	NC_000017.10
cg08745329	4.82E-13	2.31E-14	8.25	21.7268677	5.72E-02	6189073	6189196	NC_000010.10
cg27430637	4.83E-13	2.31E-14	8.25	21.7259614	1.15E-01	26646801	26646924	NC_000001.10
cg17889439	4.83E-13	2.31E-14	8.25	21.7239832	6.44E-02	77501954	77502077	NC_000013.10
cg26667205	4.83E-13	2.31E-14	8.25	21.7239146	2.10E-01	56803778	56803901	NC_000020.10
cg04290586	4.84E-13	2.32E-14	8.25	21.7220865	1.76E-01	108168987	108169110	NC_000012.11
cg18700013	4.85E-13	2.32E-14	8.25	21.7209191	1.55E-01	29285119	29285242	NC_000019.9
cg08144931	4.85E-13	2.32E-14	8.25	21.7205233	5.91E-02	39115589	39115712	NC_000012.11
cg18325622	4.85E-13	2.32E-14	8.25	21.7201427	1.90E-01	16180259	16180382	NC_000005.9
cg00885682	4.85E-13	2.32E-14	8.25	21.7200763	1.81E-01	22825749	22825872	NC_000016.9
cg04849842	4.85E-13	2.32E-14	8.25	21.7193654	2.03E-01	140714610	140714733	NC_000008.10
cg08276289	4.87E-13	2.33E-14	8.25	21.7165036	2.17E-01	28617854	28617977	NC_000003.11
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cg15308062	4.87E-13	2.33E-14	8.25	21.7160495	2.37E-01	21680981	21681104	NC_000012.11
cg10187894	4.87E-13	2.33E-14	8.25	21.7153377	1.62E-01	38015525	38015648	NC_000010.10

cg01506806	4.88E-13	2.34E-14	8.25	21.7133155	7.61E-02	119956180	119956303	NC_000004.11
cg05420994	4.91E-13	2.35E-14	8.25	21.707915	1.05E-01	32807296	32807419	NC_000006.11
cg25769043	4.92E-13	2.36E-14	8.25	21.7057957	1.71E-01	57035948	57036071	NC_000004.11
cg14684434	4.92E-13	2.36E-14	8.25	21.7055964	1.60E-01	53829957	53830080	NC_000005.9
cg05547777	4.92E-13	2.36E-14	8.25	21.7054101	1.97E-01	50694888	50695011	NC_000005.9
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cg18772588	4.93E-13	2.36E-14	8.25	21.7030143	2.23E-01	61809932	61810055	NC_000020.10
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cg24496841	4.94E-13	2.37E-14	8.25	21.7015844	2.45E-01	19152017	19152140	NC_000007.13
cg12811072	4.94E-13	2.37E-14	8.25	21.7005942	9.47E-02	53849892	53850015	NC_000012.11
cg23990435	4.94E-13	2.37E-14	8.25	21.6999672	3.36E-02	139043443	139043566	NC_000005.9
cg09830575	4.96E-13	2.38E-14	8.25	21.6972781	7.93E-02	71444937	71445060	NC_000015.9
cg00654888	4.96E-13	2.38E-14	8.25	21.6966888	1.21E-01	119603133	119603256	NC_000002.11
cg09072052	4.96E-13	2.38E-14	8.25	21.695914	5.94E-02	144070960	144071083	NC_000008.10
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cg13558371	4.97E-13	2.39E-14	8.24	21.6934278	1.36E-01	126135610	126135733	NC_000009.11
cg10295609	4.97E-13	2.39E-14	8.24	21.6929507	1.37E-01	143132934	143133057	NC_000006.11
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cg02268225	4.98E-13	2.39E-14	8.24	21.6920695	2.20E-01	100437639	100437762	NC_000014.8
cg24676817	4.98E-13	2.39E-14	8.24	21.6912281	2.80E-01	42995369	42995492	NC_000005.9
cg04961101	4.98E-13	2.39E-14	8.24	21.6910459	1.59E-01	37303484	37303607	NC_000020.10
cg23371436	4.98E-13	2.39E-14	8.24	21.6908669	1.27E-01	20111534	20111657	NC_000011.9
cg04043795	4.99E-13	2.39E-14	8.24	21.6895972	1.77E-01	5836366	5836489	NC_000002.11
cg22289581	4.99E-13	2.40E-14	8.24	21.6889849	1.89E-01	122850227	122850350	NC_000011.9
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cg25225340	5.05E-13	2.42E-14	8.24	21.6777092	2.15E-02	26937534	26937657	NC_000022.10
cg08410604	5.06E-13	2.43E-14	8.24	21.6757764	8.08E-02	138556982	138557105	NC_000007.13
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cg23945382	5.06E-13	2.43E-14	8.24	21.6739075	8.26E-02	51748922	51749045	NC_000018.9
cg01157070	5.07E-13	2.44E-14	8.24	21.6718357	2.17E-01	56228511	56228634	NC_000016.9
cg10652393	5.09E-13	2.45E-14	8.24	21.6686904	2.27E-01	27112430	27112553	NC_000015.9
cg16096531	5.10E-13	2.45E-14	8.24	21.6672344	1.10E-01	53722216	53722339	NC_000012.11
cg01802380	5.10E-13	2.45E-14	8.24	21.666984	9.08E-02	107865407	107865530	NC_000013.10
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cg18621091	5.11E-13	2.46E-14	8.24	21.6642038	2.01E-01	75612056	75612179	NC_000018.9
cg20140735	5.11E-13	2.46E-14	8.24	21.6639835	1.40E-01	1494726	1494849	NC_000001.10
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cg25463688	5.13E-13	2.46E-14	8.24	21.6613214	8.52E-02	235254025	235254148	NC_000001.10
cg12270822	5.13E-13	2.47E-14	8.24	21.6607156	2.35E-01	87229722	87229845	NC_000007.13
cg06251181	5.15E-13	2.48E-14	8.24	21.656775	6.82E-02	109046825	109046948	NC_000012.11
cg24611446	5.16E-13	2.48E-14	8.24	21.6546655	2.20E-01	113917737	113917860	NC_000012.11
cg13762320	5.16E-13	2.48E-14	8.24	21.6545568	1.26E-01	2292905	2293028	NC_000011.9
cg02111951	5.16E-13	2.48E-14	8.24	21.6545557	1.27E-01	61544854	61544977	NC_000011.9
cg23571839	5.21E-13	2.51E-14	8.24	21.6431879	1.95E-01	1431343	1431466	NC_000011.9
cg07777790	5.22E-13	2.51E-14	8.24	21.6413896	1.89E-01	229570188	229570311	NC_000001.10
cg27473895	5.22E-13	2.52E-14	8.24	21.6410435	1.91E-01	102497354	102497477	NC_000010.10
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cg18225412	5.23E-13	2.52E-14	8.24	21.6397814	7.45E-02	240927227	240927350	NC_000001.10
cg03565241	5.24E-13	2.52E-14	8.24	21.6376494	1.08E-01	9286157	9286280	NC_000002.11

cg09413950	5.24E-13	2.53E-14	8.24	21.6371555	1.53E-01	49582872	49582995	NC_000011.9
cg08657492	5.26E-13	2.53E-14	8.23	21.6337597	1.51E-01	27170832	27170955	NC_000007.13
cg11438134	5.26E-13	2.53E-14	8.23	21.6336987	7.65E-02	46269016	46269139	NC_000021.8
cg06161915	5.26E-13	2.53E-14	8.23	21.6334701	4.00E-02	127451984	127452107	NC_000007.13
cg09208611	5.26E-13	2.54E-14	8.23	21.6328245	1.76E-01	63544319	63544442	NC_000012.11
cg17178268	5.27E-13	2.54E-14	8.23	21.6307502	1.05E-01	90048444	90048567	NC_000015.9
cg07164047	5.29E-13	2.55E-14	8.23	21.6266175	6.51E-02	236486625	236486748	NC_000002.11
cg27265170	5.30E-13	2.55E-14	8.23	21.6260435	1.61E-01	50889510	50889633	NC_000001.10
cg01566213	5.32E-13	2.56E-14	8.23	21.6224504	9.66E-02	1579287	1579410	NC_000004.11
cg02773188	5.32E-13	2.56E-14	8.23	21.622357	5.05E-02	152332936	152333059	NC_000004.11
cg14475381	5.33E-13	2.57E-14	8.23	21.6193936	1.31E-01	131401268	131401391	NC_000010.10
cg06479254	5.33E-13	2.57E-14	8.23	21.6192912	1.09E-01	176983285	176983408	NC_000002.11
cg21045915	5.33E-13	2.57E-14	8.23	21.6186306	8.44E-02	98629374	98629497	NC_000014.8
cg03863908	5.34E-13	2.58E-14	8.23	21.6173602	7.24E-02	1123738	1123861	NC_000005.9
cg04034583	5.37E-13	2.59E-14	8.23	21.6121361	9.59E-02	119603108	119603231	NC_000002.11
cg06195293	5.38E-13	2.60E-14	8.23	21.6100034	6.14E-02	30104885	30105008	NC_000006.11
cg24761507	5.39E-13	2.60E-14	8.23	21.6085341	2.65E-01	35293930	35294053	NC_000017.10
cg11074814	5.41E-13	2.61E-14	8.23	21.6033728	2.15E-01	43601969	43602092	NC_000011.9
cg26694724	5.42E-13	2.62E-14	8.23	21.602045	4.65E-02	1992028	1992151	NC_000007.13
cg18263365	5.43E-13	2.62E-14	8.23	21.5996767	1.71E-01	136834453	136834576	NC_000005.9
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cg07783282	5.44E-13	2.63E-14	8.23	21.597751	2.57E-01	95942964	95943087	NC_000012.11
cg01360628	5.44E-13	2.63E-14	8.23	21.5975997	1.57E-01	89156118	89156241	NC_000003.11
cg08912058	5.46E-13	2.64E-14	8.23	21.5939535	4.32E-02	6313858	6313981	NC_000001.10
cg24961583	5.48E-13	2.65E-14	8.23	21.5900666	2.41E-01	27765409	27765532	NC_000003.11

cg10541517	5.48E-13	2.65E-14	8.23	21.5900051	2.00E-01	128753103	128753226	NC_000012.11
cg26025557	5.48E-13	2.65E-14	8.23	21.5895004	1.21E-01	42842344	42842467	NC_000003.11
cg08650890	5.49E-13	2.65E-14	8.23	21.588411	1.67E-01	32064613	32064736	NC_000006.11
cg12352896	5.52E-13	2.67E-14	8.23	21.5821824	9.65E-02	77271034	77271157	NC_000018.9
cg24387472	5.52E-13	2.67E-14	8.23	21.582081	1.96E-01	142528745	142528868	NC_000008.10
cg21591624	5.53E-13	2.67E-14	8.23	21.5813575	1.21E-01	20623199	20623322	NC_000011.9
cg08288406	5.53E-13	2.67E-14	8.23	21.5811376	2.75E-01	1523917	1524040	NC_000019.9
cg21129253	5.54E-13	2.68E-14	8.23	21.5795819	1.05E-01	36638564	36638687	NC_000014.8
cg11569159	5.55E-13	2.69E-14	8.23	21.5764927	1.81E-01	115172959	115173082	NC_000012.11
cg26282384	5.58E-13	2.70E-14	8.22	21.5721868	2.04E-01	140767200	140767323	NC_000005.9
cg04316624	5.58E-13	2.70E-14	8.22	21.5716885	1.37E-01	177036809	177036932	NC_000002.11
cg23060747	5.60E-13	2.71E-14	8.22	21.5685105	1.08E-01	239962958	239963081	NC_000002.11
cg01049530	5.61E-13	2.72E-14	8.22	21.5649354	2.83E-01	81952008	81952131	NC_000004.11
cg07136998	5.62E-13	2.72E-14	8.22	21.5640395	3.06E-01	168728081	168728204	NC_000005.9
cg24051786	5.65E-13	2.74E-14	8.22	21.5578823	1.81E-01	47514673	47514796	NC_000003.11
cg13652513	5.67E-13	2.74E-14	8.22	21.5550881	1.70E-01	70654597	70654720	NC_000014.8
cg14029580	5.67E-13	2.75E-14	8.22	21.5547499	1.04E-01	1363708	1363831	NC_000004.11
cg15461413	5.71E-13	2.77E-14	8.22	21.547595	8.51E-02	62160543	62160666	NC_000020.10
cg24909548	5.72E-13	2.77E-14	8.22	21.5453404	2.03E-01	36736272	36736395	NC_000019.9
cg19001226	5.72E-13	2.77E-14	8.22	21.5453255	2.76E-01	177053345	177053468	NC_000002.11
cg14243778	5.73E-13	2.78E-14	8.22	21.5429078	1.92E-01	41086879	41087002	NC_000012.11
cg22285438	5.74E-13	2.78E-14	8.22	21.5414572	9.47E-02	915895	916018	NC_000017.10
cg04452311	5.75E-13	2.79E-14	8.22	21.5394788	1.59E-01	176936377	176936500	NC_000002.11
cg04543077	5.76E-13	2.79E-14	8.22	21.5377738	6.91E-02	2879544	2879667	NC_000016.9
cg02377021	5.76E-13	2.79E-14	8.22	21.5372409	8.72E-02	71537334	71537457	NC_000005.9

cg13954457	5.77E-13	2.80E-14	8.22	21.535153	2.08E-01	167956819	167956942	NC_000005.9
cg23913679	5.78E-13	2.80E-14	8.22	21.5345807	2.42E-01	7116700	7116823	NC_000018.9
cg10111292	5.80E-13	2.81E-14	8.22	21.5309035	1.92E-01	106975112	106975235	NC_000012.11
cg25362630	5.80E-13	2.82E-14	8.22	21.5297865	1.99E-01	42544650	42544773	NC_000020.10
cg02459389	5.81E-13	2.82E-14	8.22	21.5295951	7.31E-02	3923012	3923135	NC_000017.10
cg17966560	5.82E-13	2.82E-14	8.22	21.5270432	1.42E-01	156357871	156357994	NC_000001.10
cg19698137	5.82E-13	2.82E-14	8.22	21.5268481	1.27E-01	35990997	35991120	NC_000005.9
cg17123690	5.82E-13	2.82E-14	8.22	21.5267333	1.66E-01	55951801	55951924	NC_000019.9
cg12268575	5.83E-13	2.83E-14	8.22	21.524803	1.64E-01	177133536	177133659	NC_000001.10
cg23929194	5.86E-13	2.84E-14	8.22	21.519644	1.85E-01	44662296	44662419	NC_000007.13
cg24198558	5.87E-13	2.85E-14	8.22	21.5189664	2.31E-01	132757102	132757225	NC_000003.11
cg02387554	5.87E-13	2.85E-14	8.22	21.5183413	1.13E-01	1233285	1233408	NC_000007.13
cg08217589	5.87E-13	2.85E-14	8.22	21.5176378	1.11E-01	31025866	31025989	NC_000020.10
cg16697438	5.87E-13	2.85E-14	8.22	21.5172705	1.65E-01	72043538	72043661	NC_000010.10
cg09540629	5.88E-13	2.85E-14	8.22	21.5168619	1.62E-01	134981759	134981882	NC_000010.10
cg15106420	5.88E-13	2.86E-14	8.22	21.5160302	7.07E-02	109042237	109042360	NC_000005.9
cg25106645	5.88E-13	2.86E-14	8.22	21.5155588	1.62E-01	115135560	115135683	NC_000012.11
cg09183671	5.89E-13	2.86E-14	8.22	21.5148075	1.48E-01	112630780	112630903	NC_000010.10
cg00767948	5.90E-13	2.87E-14	8.22	21.5124932	1.25E-01	61940979	61941102	NC_000003.11
cg01817364	5.92E-13	2.87E-14	8.21	21.5098483	1.96E-01	43037411	43037534	NC_000005.9
cg23365071	5.92E-13	2.88E-14	8.21	21.5087698	5.04E-02	30793845	30793968	NC_000016.9
cg09852619	5.92E-13	2.88E-14	8.21	21.5082486	8.19E-02	25217537	25217660	NC_000008.10
cg02530022	5.93E-13	2.88E-14	8.21	21.5080552	2.25E-01	96642708	96642831	NC_000007.13
cg14331619	5.93E-13	2.88E-14	8.21	21.5076745	6.31E-02	35909996	35910119	NC_000009.11
cg25266888	5.94E-13	2.88E-14	8.21	21.5061716	1.71E-01	2482594	2482717	NC_000011.9

cg12598606	5.94E-13	2.88E-14	8.21	21.5059673	1.30E-01	155018256	155018379	NC_000007.13
cg01876531	5.94E-13	2.89E-14	8.21	21.5049388	1.63E-01	208405868	208405991	NC_000001.10
cg21707172	5.96E-13	2.89E-14	8.21	21.5023691	1.50E-01	155537944	155538067	NC_000006.11
cg02355885	5.96E-13	2.90E-14	8.21	21.5013801	2.03E-01	30142990	30143113	NC_000002.11
cg13716619	5.99E-13	2.91E-14	8.21	21.4972145	1.00E-01	31829895	31830018	NC_000006.11
cg01957901	6.00E-13	2.92E-14	8.21	21.4950843	1.01E-01	132116174	132116297	NC_000011.9
cg16689609	6.02E-13	2.92E-14	8.21	21.4923798	7.29E-02	144682208	144682331	NC_000006.11
cg18832348	6.02E-13	2.93E-14	8.21	21.4910086	9.61E-02	94844511	94844634	NC_000005.9
cg17877704	6.03E-13	2.93E-14	8.21	21.4900352	1.82E-01	127940483	127940606	NC_000012.11
cg20987369	6.03E-13	2.93E-14	8.21	21.4899404	1.14E-01	1579572	1579695	NC_000004.11
cg14657525	6.04E-13	2.94E-14	8.21	21.4884576	2.32E-01	32859099	32859222	NC_000003.11
cg13818654	6.04E-13	2.94E-14	8.21	21.4871636	2.16E-01	78493126	78493249	NC_000013.10
cg10789281	6.05E-13	2.94E-14	8.21	21.4864149	2.21E-01	81471882	81472005	NC_000012.11
cg17362861	6.07E-13	2.95E-14	8.21	21.4821987	3.03E-01	151107257	151107380	NC_000007.13
cg06841832	6.07E-13	2.96E-14	8.21	21.4821053	8.42E-02	140175142	140175265	NC_000006.11
cg10701252	6.08E-13	2.96E-14	8.21	21.4810741	1.32E-01	55508585	55508708	NC_000003.11
cg04485988	6.10E-13	2.97E-14	8.21	21.4776931	1.15E-01	118168275	118168398	NC_000001.10
cg00268840	6.10E-13	2.97E-14	8.21	21.4775482	2.86E-01	44332653	44332776	NC_000011.9
cg16661209	6.10E-13	2.97E-14	8.21	21.4775298	2.61E-01	29107069	29107192	NC_000013.10
cg13729816	6.11E-13	2.98E-14	8.21	21.4750123	1.44E-01	52954722	52954845	NC_000019.9
cg09338032	6.12E-13	2.98E-14	8.21	21.4748389	1.76E-01	113916609	113916732	NC_000012.11
cg12459514	6.13E-13	2.98E-14	8.21	21.4726712	4.55E-02	23914071	23914194	NC_000002.11
cg15784124	6.13E-13	2.99E-14	8.21	21.4716129	1.78E-01	111543114	111543237	NC_000004.11
cg02214096	6.13E-13	2.99E-14	8.21	21.4714966	1.80E-01	77822350	77822473	NC_000016.9
cg26071016	6.14E-13	2.99E-14	8.21	21.4706586	1.97E-01	111217785	111217908	NC_000001.10



cg13726463	6.14E-13	2.99E-14	8.21	21.4700392	6.84E-02	31439681	31439804	NC_000016.9
cg04891961	6.14E-13	2.99E-14	8.21	21.470028	1.45E-01	27939900	27940023	NC_000017.10
cg10089801	6.14E-13	2.99E-14	8.21	21.4694587	1.32E-01	203036235	203036358	NC_000002.11
cg20600210	6.15E-13	3.00E-14	8.21	21.4679283	1.85E-01	57090013	57090136	NC_000020.10
cg19277389	6.15E-13	3.00E-14	8.21	21.4678008	6.44E-02	7802545	7802668	NC_000004.11
cg09823576	6.16E-13	3.00E-14	8.21	21.4673063	1.30E-01	164640367	164640490	NC_000001.10
cg10863741	6.16E-13	3.00E-14	8.21	21.46668	2.33E-01	122686038	122686161	NC_000004.11
cg21194776	6.16E-13	3.00E-14	8.21	21.4664757	4.17E-02	75314128	75314251	NC_000010.10
cg21170796	6.19E-13	3.01E-14	8.21	21.4622902	1.67E-01	119528164	119528287	NC_000001.10
cg20099830	6.19E-13	3.02E-14	8.21	21.4609298	2.04E-01	114842031	114842154	NC_000012.11
cg09267051	6.19E-13	3.02E-14	8.21	21.4608926	2.49E-01	100943468	100943591	NC_000007.13
cg14631386	6.20E-13	3.02E-14	8.21	21.4598299	1.94E-01	93114305	93114428	NC_000008.10
cg07830534	6.22E-13	3.03E-14	8.21	21.4569102	1.10E-01	38953285	38953408	NC_000017.10
cg09354309	6.24E-13	3.04E-14	8.21	21.4532415	2.46E-01	22487437	22487560	NC_000012.11
cg16458868	6.24E-13	3.04E-14	8.21	21.4528718	5.16E-02	88260834	88260957	NC_000016.9
cg19718882	6.26E-13	3.05E-14	8.21	21.4505569	1.91E-01	32458714	32458837	NC_000011.9
cg11034763	6.26E-13	3.05E-14	8.21	21.4504355	8.16E-02	963020	963143	NC_000005.9
cg02069715	6.28E-13	3.07E-14	8.2	21.4459894	1.82E-01	27215962	27216085	NC_000015.9
cg25303831	6.30E-13	3.07E-14	8.2	21.4429294	1.44E-01	31544911	31545034	NC_000013.10
cg13069237	6.32E-13	3.08E-14	8.2	21.4403345	7.49E-02	6063456	6063579	NC_000001.10
cg02079908	6.34E-13	3.09E-14	8.2	21.4366031	5.19E-02	42411760	42411883	NC_000002.11
cg13823136	6.34E-13	3.10E-14	8.2	21.4361971	3.01E-01	77333138	77333261	NC_000001.10
cg04032066	6.39E-13	3.12E-14	8.2	21.4292863	1.91E-01	20622721	20622844	NC_000011.9
cg02259047	6.40E-13	3.12E-14	8.2	21.4274635	5.56E-02	104175555	104175678	NC_000014.8
cg15775921	6.40E-13	3.13E-14	8.2	21.4260056	1.58E-01	223156136	223156259	NC_000002.11

cg02339542	6.41E-13	3.13E-14	8.2	21.4254474	9.56E-02	92823161	92823284	NC_000012.11
cg02350767	6.42E-13	3.13E-14	8.2	21.4241543	7.73E-02	99250527	99250650	NC_000015.9
cg16307705	6.42E-13	3.13E-14	8.2	21.4240073	2.29E-01	3602025	3602148	NC_000011.9
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cg08115732	6.44E-13	3.15E-14	8.2	21.419939	1.39E-01	76171794	76171917	NC_000017.10
cg10068417	6.45E-13	3.15E-14	8.2	21.4178896	1.62E-01	50706583	50706706	NC_000013.10
cg10079740	6.46E-13	3.16E-14	8.2	21.416265	2.12E-01	55513480	55513603	NC_000016.9
cg18783033	6.49E-13	3.17E-14	8.2	21.4125421	9.09E-02	90488297	90488420	NC_000010.10
cg10521851	6.49E-13	3.17E-14	8.2	21.4121867	2.08E-01	130297771	130297894	NC_000011.9
cg20791178	6.53E-13	3.19E-14	8.2	21.4059806	6.48E-02	38246696	38246819	NC_000008.10
cg05676622	6.53E-13	3.19E-14	8.2	21.4054714	1.24E-01	66410998	66411121	NC_000011.9
cg15306794	6.54E-13	3.20E-14	8.2	21.404875	8.78E-02	16998450	16998573	NC_000011.9
cg05728754	6.54E-13	3.20E-14	8.2	21.4040816	2.35E-01	47225326	47225449	NC_000012.11
cg12080391	6.55E-13	3.20E-14	8.2	21.4022494	2.15E-01	5018984	5019107	NC_000012.11
cg20400592	6.57E-13	3.22E-14	8.2	21.3987617	1.25E-01	51418041	51418164	NC_000013.10
cg16732787	6.59E-13	3.22E-14	8.2	21.3958731	1.39E-01	228785992	228786115	NC_000001.10
cg17489750	6.64E-13	3.25E-14	8.19	21.3882667	1.54E-01	54504774	54504897	NC_000008.10
cg00039441	6.65E-13	3.25E-14	8.19	21.3869775	2.75E-01	176957473	176957596	NC_000002.11
cg02172492	6.65E-13	3.26E-14	8.19	21.3863616	1.55E-01	19553422	19553545	NC_000002.11
cg01159623	6.65E-13	3.26E-14	8.19	21.3862654	1.68E-01	70596377	70596500	NC_000007.13
cg14682419	6.66E-13	3.26E-14	8.19	21.3857155	9.89E-02	141994495	141994618	NC_000005.9
cg06093355	6.66E-13	3.26E-14	8.19	21.3855177	2.00E-01	46547693	46547816	NC_000002.11
cg23004527	6.66E-13	3.26E-14	8.19	21.3841477	1.36E-01	3390353	3390476	NC_000019.9
cg26057971	6.67E-13	3.27E-14	8.19	21.3826786	1.45E-01	62898351	62898474	NC_000001.10
cg12973591	6.69E-13	3.28E-14	8.19	21.3805882	2.66E-01	93519473	93519596	NC_000007.13

cg07014126	6.69E-13	3.28E-14	8.19	21.3804491	1.49E-01	169717713	169717836	NC_000006.11
cg20929476	6.70E-13	3.28E-14	8.19	21.3784552	1.32E-01	56284168	56284291	NC_000015.9
cg11876524	6.73E-13	3.30E-14	8.19	21.3742954	6.92E-02	82177159	82177282	NC_000010.10
cg15728861	6.74E-13	3.30E-14	8.19	21.3732197	2.11E-01	46961008	46961131	NC_000013.10
cg10959198	6.74E-13	3.30E-14	8.19	21.3718935	2.21E-01	93632896	93633019	NC_000015.9
cg16318271	6.75E-13	3.30E-14	8.19	21.371721	2.19E-01	41748193	41748316	NC_000004.11
cg07111988	6.75E-13	3.31E-14	8.19	21.3713231	1.75E-01	24971764	24971887	NC_000001.10
cg06460568	6.75E-13	3.31E-14	8.19	21.3713017	2.03E-01	2162211	2162334	NC_000011.9
cg10794439	6.77E-13	3.32E-14	8.19	21.36837	7.42E-02	41518051	41518174	NC_000008.10
cg17924021	6.78E-13	3.32E-14	8.19	21.3663036	7.46E-02	53638473	53638596	NC_000017.10
cg04184744	6.78E-13	3.32E-14	8.19	21.3660422	1.46E-01	31562255	31562378	NC_000014.8
cg12964647	6.80E-13	3.33E-14	8.19	21.3630478	7.09E-02	46234525	46234648	NC_000017.10
cg21851351	6.81E-13	3.34E-14	8.19	21.3616189	1.95E-01	28368087	28368210	NC_000013.10
cg21905819	6.82E-13	3.34E-14	8.19	21.3603235	8.89E-02	5972032	5972155	NC_000017.10
cg25267072	6.82E-13	3.34E-14	8.19	21.3597413	1.88E-01	23299889	23300012	NC_000019.9
cg01297020	6.83E-13	3.35E-14	8.19	21.3593062	1.44E-01	106117425	106117548	NC_000013.10
cg06263250	6.83E-13	3.35E-14	8.19	21.3591795	9.37E-02	10930482	10930605	NC_000011.9
cg09601175	6.83E-13	3.35E-14	8.19	21.3585129	1.33E-01	177025608	177025731	NC_000002.11
cg14311495	6.83E-13	3.35E-14	8.19	21.3585114	4.85E-02	95764742	95764865	NC_000009.11
cg07609862	6.85E-13	3.36E-14	8.19	21.3549995	1.36E-01	92702912	92703035	NC_000011.9
cg13273396	6.85E-13	3.36E-14	8.19	21.3549121	2.61E-01	81471867	81471990	NC_000012.11
cg02416510	6.86E-13	3.36E-14	8.19	21.3543701	1.46E-01	54791763	54791886	NC_000008.10
cg27084654	6.86E-13	3.37E-14	8.19	21.3532654	1.11E-01	141118615	141118738	NC_000003.11
cg01278387	6.88E-13	3.38E-14	8.19	21.3501005	1.80E-01	58152281	58152404	NC_000020.10
cg20014049	6.89E-13	3.38E-14	8.19	21.3492642	2.53E-01	23481385	23481508	NC_000010.10

cg19190699	6.91E-13	3.39E-14	8.19	21.3466222	1.18E-01	101514156	101514279	NC_000015.9
cg00376480	6.92E-13	3.39E-14	8.19	21.3455798	9.85E-02	46892832	46892955	NC_000021.8
cg26759954	6.92E-13	3.40E-14	8.19	21.3449801	2.06E-01	13925420	13925543	NC_000006.11
cg03223076	6.93E-13	3.40E-14	8.19	21.3427301	1.36E-01	48698558	48698681	NC_000003.11
cg08812889	6.94E-13	3.41E-14	8.19	21.3420367	1.29E-01	174439925	174440048	NC_000004.11
cg26721264	6.94E-13	3.41E-14	8.19	21.3414489	2.20E-01	74961727	74961850	NC_000018.9
cg13484329	6.96E-13	3.42E-14	8.19	21.3384593	9.04E-02	110342823	110342946	NC_000012.11
cg04184232	6.96E-13	3.42E-14	8.19	21.3381177	2.10E-01	29243234	29243357	NC_000014.8
cg15202738	6.97E-13	3.42E-14	8.19	21.3377237	2.71E-01	53636108	53636231	NC_000019.9
cg00145253	6.97E-13	3.42E-14	8.19	21.3374239	1.34E-01	75602857	75602980	NC_000001.10
cg17312004	6.98E-13	3.43E-14	8.19	21.3361139	1.94E-01	43569076	43569199	NC_000011.9
cg15699226	6.99E-13	3.43E-14	8.19	21.3343994	1.60E-01	78492678	78492801	NC_000013.10
cg17524637	7.01E-13	3.45E-14	8.19	21.3303867	2.14E-01	10458454	10458577	NC_000004.11
cg07286357	7.02E-13	3.45E-14	8.19	21.3296934	5.68E-02	96675199	96675322	NC_000002.11
cg18085117	7.02E-13	3.45E-14	8.19	21.3290853	7.18E-02	125806214	125806337	NC_000010.10
cg08787769	7.03E-13	3.46E-14	8.18	21.327601	7.01E-02	2869479	2869602	NC_000016.9
cg04078195	7.04E-13	3.46E-14	8.18	21.3270578	8.29E-02	20641735	20641858	NC_000022.10
cg24189904	7.06E-13	3.47E-14	8.18	21.3239903	1.98E-01	9473781	9473904	NC_000019.9
cg15773539	7.06E-13	3.47E-14	8.18	21.3234996	1.16E-01	61520112	61520235	NC_000017.10
cg24563570	7.08E-13	3.48E-14	8.18	21.3212804	1.82E-01	60936801	60936924	NC_000010.10
cg25563456	7.08E-13	3.48E-14	8.18	21.3211033	1.66E-01	32456069	32456192	NC_000011.9
cg01274324	7.08E-13	3.48E-14	8.18	21.3209188	6.46E-02	33948002	33948125	NC_000021.8
cg10203922	7.09E-13	3.49E-14	8.18	21.3191679	1.72E-01	145566200	145566323	NC_000004.11
cg07482257	7.09E-13	3.49E-14	8.18	21.3182308	1.62E-01	174135761	174135884	NC_000005.9
cg01183965	7.11E-13	3.50E-14	8.18	21.3163191	6.64E-02	134855243	134855366	NC_000010.10

cg19149681	7.12E-13	3.50E-14	8.18	21.3151335	1.95E-01	57359399	57359522	NC_000008.10
cg26947831	7.12E-13	3.50E-14	8.18	21.3148391	1.08E-01	86018811	86018934	NC_000016.9
cg06153765	7.13E-13	3.51E-14	8.18	21.3125172	9.44E-02	106638076	106638199	NC_000012.11
cg01860459	7.13E-13	3.51E-14	8.18	21.3124402	7.42E-02	123419554	123419677	NC_000003.11
cg12488111	7.16E-13	3.52E-14	8.18	21.3086626	1.12E-01	105945699	105945822	NC_000014.8
cg03713642	7.20E-13	3.54E-14	8.18	21.3032775	2.10E-01	22825100	22825223	NC_000016.9
cg19650157	7.21E-13	3.55E-14	8.18	21.3018987	2.43E-01	78493297	78493420	NC_000013.10
cg05345448	7.21E-13	3.55E-14	8.18	21.3011458	8.16E-02	105688412	105688535	NC_000014.8
cg25189808	7.22E-13	3.56E-14	8.18	21.2994697	9.82E-02	45802621	45802744	NC_000007.13
cg13663793	7.25E-13	3.57E-14	8.18	21.2951831	2.49E-01	32457124	32457247	NC_000011.9
cg02478907	7.26E-13	3.57E-14	8.18	21.294662	1.81E-01	143545940	143546063	NC_000008.10
cg13924715	7.26E-13	3.58E-14	8.18	21.2937627	1.55E-01	10750890	10751013	NC_000011.9
cg17240815	7.27E-13	3.58E-14	8.18	21.2921467	1.90E-01	55039382	55039505	NC_000006.11
cg07805777	7.28E-13	3.58E-14	8.18	21.2915467	1.57E-01	15962932	15963055	NC_000011.9
cg16288089	7.28E-13	3.58E-14	8.18	21.2914575	2.25E-01	97361408	97361531	NC_000007.13
cg02426611	7.29E-13	3.59E-14	8.18	21.2889195	1.53E-01	87681276	87681399	NC_000016.9
cg09791743	7.30E-13	3.60E-14	8.18	21.2876708	9.94E-02	42898508	42898631	NC_000006.11
cg09123431	7.31E-13	3.60E-14	8.18	21.2865621	1.66E-01	52209811	52209934	NC_000020.10
cg14192957	7.32E-13	3.61E-14	8.18	21.2848538	2.45E-01	133536793	133536916	NC_000009.11
cg17881203	7.34E-13	3.62E-14	8.18	21.2824654	8.53E-02	990398	990521	NC_000019.9
cg03903246	7.34E-13	3.62E-14	8.18	21.2819142	1.32E-01	240257032	240257155	NC_000001.10
cg13418631	7.34E-13	3.62E-14	8.18	21.2818053	4.39E-02	39636904	39637027	NC_000017.10
cg18370682	7.35E-13	3.63E-14	8.18	21.280376	9.17E-02	158239759	158239882	NC_000005.9
cg11942956	7.36E-13	3.63E-14	8.18	21.2788084	2.00E-01	133562470	133562593	NC_000006.11
cg05290820	7.37E-13	3.63E-14	8.18	21.2786115	1.88E-01	137392877	137393000	NC_000009.11

cg26980244	7.37E-13	3.63E-14	8.18	21.2776778	1.76E-01	24772513	24772636	NC_000008.10
cg26442210	7.39E-13	3.64E-14	8.18	21.2754381	5.03E-02	129932033	129932156	NC_000007.13
cg23835476	7.40E-13	3.65E-14	8.18	21.2734582	6.29E-02	155633298	155633421	NC_000007.13
cg12018140	7.42E-13	3.66E-14	8.18	21.2710987	1.17E-01	122434326	122434449	NC_000005.9
cg23518039	7.43E-13	3.66E-14	8.18	21.2696143	9.72E-02	148579190	148579313	NC_000005.9
cg16574154	7.46E-13	3.68E-14	8.17	21.2651577	1.50E-01	10652376	10652499	NC_000001.10
cg26247841	7.48E-13	3.69E-14	8.17	21.262866	1.62E-01	114252967	114253090	NC_000004.11
cg18087266	7.50E-13	3.70E-14	8.17	21.2603979	1.39E-01	25257629	25257752	NC_000001.10
cg15042811	7.51E-13	3.71E-14	8.17	21.2582346	2.32E-01	144621971	144622094	NC_000004.11
cg04503318	7.52E-13	3.71E-14	8.17	21.2570756	1.15E-01	15789862	15789985	NC_000001.10
cg10864603	7.52E-13	3.71E-14	8.17	21.256731	8.84E-02	122302722	122302845	NC_000008.10
cg24466241	7.53E-13	3.72E-14	8.17	21.256164	1.39E-01	53308908	53309031	NC_000001.10
cg13054534	7.54E-13	3.72E-14	8.17	21.2541852	1.12E-01	113980128	113980251	NC_000013.10
cg03705912	7.54E-13	3.72E-14	8.17	21.2535822	1.75E-01	16179210	16179333	NC_000005.9
cg13563903	7.55E-13	3.73E-14	8.17	21.2530401	2.11E-01	108924132	108924255	NC_000010.10
cg05384102	7.55E-13	3.73E-14	8.17	21.2522186	2.24E-01	84419329	84419452	NC_000006.11
cg04025150	7.56E-13	3.73E-14	8.17	21.2509179	1.96E-01	34642862	34642985	NC_000001.10
cg05348321	7.57E-13	3.74E-14	8.17	21.2493219	5.73E-02	121666879	121667002	NC_000012.11
cg03960424	7.58E-13	3.74E-14	8.17	21.2490836	1.24E-01	57042304	57042427	NC_000020.10
cg20348858	7.59E-13	3.75E-14	8.17	21.2473562	1.35E-01	119305335	119305458	NC_000010.10
cg21255438	7.62E-13	3.76E-14	8.17	21.2432975	1.43E-01	70983760	70983883	NC_000008.10
cg16319192	7.62E-13	3.77E-14	8.17	21.2429189	5.96E-02	142251291	142251414	NC_000008.10
cg16137147	7.62E-13	3.77E-14	8.17	21.2425044	1.74E-01	221067896	221068019	NC_000001.10
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cg04167903	7.65E-13	3.78E-14	8.17	21.2388526	2.43E-01	27135746	27135869	NC_000007.13

cg17978293	7.65E-13	3.78E-14	8.17	21.238359	1.04E-01	217614	217737	NC_000017.10
cg06726820	7.66E-13	3.79E-14	8.17	21.2376143	1.92E-01	139259742	139259865	NC_000003.11
cg12317601	7.67E-13	3.79E-14	8.17	21.2364833	1.97E-01	119301760	119301883	NC_000010.10
cg14542554	7.67E-13	3.79E-14	8.17	21.236452	1.78E-01	61122327	61122450	NC_000014.8
cg26632409	7.68E-13	3.80E-14	8.17	21.2341047	1.23E-01	134886312	134886435	NC_000010.10
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cg14377152	7.71E-13	3.82E-14	8.17	21.2298316	9.96E-02	45431690	45431813	NC_000015.9
cg21124497	7.72E-13	3.82E-14	8.17	21.2289645	1.87E-01	32859377	32859500	NC_000003.11
cg22950163	7.74E-13	3.83E-14	8.17	21.2258309	1.63E-01	55513525	55513648	NC_000016.9
cg26973607	7.74E-13	3.83E-14	8.17	21.2257484	1.27E-01	1549475	1549598	NC_000005.9
cg10264692	7.76E-13	3.84E-14	8.17	21.2234797	7.99E-02	61314827	61314950	NC_000020.10
cg13437581	7.79E-13	3.86E-14	8.17	21.2191794	1.86E-01	44777799	44777922	NC_000018.9
cg21768604	7.79E-13	3.86E-14	8.17	21.2191447	1.61E-01	2742325	2742448	NC_000007.13
cg09427417	7.80E-13	3.86E-14	8.17	21.218536	7.96E-02	112194570	112194693	NC_000012.11
cg00525681	7.82E-13	3.87E-14	8.17	21.2151272	1.29E-01	88329151	88329274	NC_000013.10
cg25118879	7.82E-13	3.87E-14	8.17	21.2147266	5.79E-02	72094780	72094903	NC_000015.9
cg05399244	7.83E-13	3.88E-14	8.17	21.2143265	1.19E-01	179611	179734	NC_000017.10
cg06501366	7.83E-13	3.88E-14	8.17	21.2141042	1.22E-01	78365687	78365810	NC_000005.9
cg11370259	7.83E-13	3.88E-14	8.17	21.2139848	1.30E-01	145580736	145580859	NC_000008.10
cg24626079	7.84E-13	3.88E-14	8.17	21.2126464	2.58E-01	4382171	4382294	NC_000012.11
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cg22052056	7.87E-13	3.90E-14	8.17	21.2088967	8.96E-02	31351813	31351936	NC_000020.10
cg19854521	7.90E-13	3.91E-14	8.16	21.2050224	2.08E-01	93520452	93520575	NC_000007.13
cg21424940	7.92E-13	3.92E-14	8.16	21.2020975	1.78E-01	19158666	19158789	NC_000007.13

cg07628855	7.92E-13	3.93E-14	8.16	21.2017368	1.38E-01	25100356	25100479	NC_000007.13
cg14159026	7.94E-13	3.94E-14	8.16	21.1989989	2.92E-01	105584551	105584674	NC_000006.11
cg09117841	7.94E-13	3.94E-14	8.16	21.1989815	3.32E-02	38654722	38654845	NC_000006.11
cg09488200	7.96E-13	3.95E-14	8.16	21.1966065	5.68E-02	213781204	213781327	NC_000002.11
cg26130023	7.96E-13	3.95E-14	8.16	21.1956918	7.57E-02	45453609	45453732	NC_000018.9
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cg04134755	8.06E-13	4.00E-14	8.16	21.1830649	1.08E-01	80828253	80828376	NC_000017.10
cg04228468	8.06E-13	4.00E-14	8.16	21.1827488	1.70E-01	164913627	164913750	NC_000003.11
cg14186066	8.07E-13	4.01E-14	8.16	21.1813995	2.10E-01	60976115	60976238	NC_000014.8
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cg17156227	8.11E-13	4.02E-14	8.16	21.1771512	6.34E-02	3209945	3210068	NC_000020.10
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cg06895103	8.19E-13	4.07E-14	8.16	21.1668404	4.10E-02	30160580	30160703	NC_000006.11
cg05334656	8.19E-13	4.07E-14	8.16	21.1663382	1.74E-01	4866047	4866170	NC_000004.11
cg02126753	8.19E-13	4.07E-14	8.16	21.166125	2.37E-01	44143998	44144121	NC_000007.13
cg24192660	8.21E-13	4.08E-14	8.16	21.1639285	1.60E-01	17439877	17440000	NC_000019.9
cg22534145	8.21E-13	4.08E-14	8.16	21.1639191	2.11E-01	23015936	23016059	NC_000020.10



cg27315341	8.23E-13	4.09E-14	8.16	21.1614147	1.65E-01	97887034	97887157	NC_000012.11
cg22287492	8.24E-13	4.09E-14	8.16	21.1603524	1.88E-01	2161411	2161534	NC_000011.9
cg00830252	8.26E-13	4.10E-14	8.16	21.1580848	1.78E-01	16039824	16039947	NC_000012.11
cg14519150	8.26E-13	4.10E-14	8.16	21.1577068	1.15E-01	20985249	20985372	NC_000001.10
cg18140268	8.26E-13	4.11E-14	8.16	21.1573342	1.61E-01	147781827	147781950	NC_000001.10
cg12951849	8.27E-13	4.11E-14	8.16	21.1566178	2.03E-01	11148932	11149055	NC_000018.9
cg26699569	8.28E-13	4.12E-14	8.16	21.1547035	2.08E-01	81952653	81952776	NC_000004.11
cg03556669	8.28E-13	4.12E-14	8.16	21.1545057	1.51E-01	32064497	32064620	NC_000006.11
cg16345915	8.30E-13	4.13E-14	8.16	21.1522909	1.04E-01	80371099	80371222	NC_000017.10
cg21144941	8.33E-13	4.14E-14	8.16	21.1489763	1.35E-01	17680575	17680698	NC_000022.10
cg19426594	8.34E-13	4.15E-14	8.16	21.1472726	1.19E-01	490116	490239	NC_000005.9
cg19267457	8.34E-13	4.15E-14	8.16	21.1471934	1.67E-01	64394702	64394825	NC_000001.10
cg22738219	8.36E-13	4.16E-14	8.15	21.144887	2.66E-01	13043313	13043436	NC_000010.10
cg09410453	8.36E-13	4.16E-14	8.15	21.1443441	1.78E-01	8815355	8815478	NC_000016.9
cg09692428	8.37E-13	4.16E-14	8.15	21.1439037	1.25E-01	84967481	84967604	NC_000016.9
cg05102668	8.37E-13	4.16E-14	8.15	21.1436627	1.11E-01	76541148	76541271	NC_000018.9
cg08380005	8.37E-13	4.17E-14	8.15	21.1432155	1.02E-01	816149	816272	NC_000016.9
cg17373442	8.38E-13	4.17E-14	8.15	21.1423469	2.94E-01	142839991	142840114	NC_000003.11
cg04106647	8.38E-13	4.17E-14	8.15	21.1419512	2.36E-01	12995603	12995726	NC_000016.9
cg05113927	8.38E-13	4.17E-14	8.15	21.1416562	1.19E-01	27531244	27531367	NC_000002.11
cg06873590	8.39E-13	4.18E-14	8.15	21.1403949	1.35E-01	167545249	167545372	NC_000005.9
cg22709008	8.44E-13	4.20E-14	8.15	21.135201	8.25E-02	45998083	45998206	NC_000019.9
cg09907439	8.44E-13	4.20E-14	8.15	21.1351812	7.73E-02	109031953	109032076	NC_000012.11
cg22134325	8.46E-13	4.21E-14	8.15	21.1328438	1.41E-01	66188745	66188868	NC_000011.9
cg01290710	8.47E-13	4.22E-14	8.15	21.1308945	9.79E-02	40889978	40890101	NC_000019.9

cg20171396	8.49E-13	4.22E-14	8.15	21.1292416	1.84E-01	13536910	13537033	NC_000004.11
cg15024592	8.50E-13	4.23E-14	8.15	21.1275513	5.83E-02	27771383	27771506	NC_000006.11
cg18921771	8.50E-13	4.23E-14	8.15	21.1272607	2.20E-01	60952196	60952319	NC_000014.8
cg11423556	8.51E-13	4.24E-14	8.15	21.1261948	1.10E-01	69728114	69728237	NC_000002.11
cg12380743	8.52E-13	4.24E-14	8.15	21.1254171	1.57E-01	149334007	149334130	NC_000001.10
cg09833545	8.52E-13	4.24E-14	8.15	21.1248335	1.51E-01	117160235	117160358	NC_000011.9
cg14361458	8.52E-13	4.24E-14	8.15	21.1246395	1.74E-01	189203962	189204085	NC_000004.11
cg13935577	8.54E-13	4.25E-14	8.15	21.1227264	1.08E-01	107974897	107975020	NC_000012.11
cg05860723	8.54E-13	4.26E-14	8.15	21.1221048	1.82E-01	81102486	81102609	NC_000012.11
cg01442601	8.54E-13	4.26E-14	8.15	21.1219015	2.01E-01	102030727	102030850	NC_000014.8
cg08034077	8.55E-13	4.26E-14	8.15	21.1211978	2.48E-01	50236087	50236210	NC_000017.10
cg13352836	8.56E-13	4.26E-14	8.15	21.120285	2.29E-01	31228263	31228386	NC_000016.9
cg05976168	8.58E-13	4.28E-14	8.15	21.1168184	5.43E-02	611508	611631	NC_000012.11
cg03308092	8.59E-13	4.28E-14	8.15	21.1157832	1.84E-01	17488275	17488398	NC_000022.10
cg08287175	8.59E-13	4.28E-14	8.15	21.1157332	1.13E-01	46895422	46895545	NC_000021.8
cg01076708	8.63E-13	4.30E-14	8.15	21.1116349	5.38E-02	129689897	129690020	NC_000011.9
cg10635895	8.63E-13	4.30E-14	8.15	21.1113434	1.97E-01	2339439	2339562	NC_000012.11
cg00714170	8.65E-13	4.31E-14	8.15	21.1091503	6.63E-02	195477854	195477977	NC_000003.11
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cg04910921	8.66E-13	4.32E-14	8.15	21.1078664	1.84E-01	26674563	26674686	NC_000014.8
cg23909834	8.66E-13	4.32E-14	8.15	21.1072573	6.00E-02	45838906	45839029	NC_000020.10
cg10803218	8.69E-13	4.33E-14	8.15	21.1045409	8.12E-02	177544994	177545117	NC_000005.9
cg06151165	8.69E-13	4.33E-14	8.15	21.1041511	2.44E-01	25062254	25062377	NC_000020.10
cg04384987	8.70E-13	4.34E-14	8.15	21.1029545	1.13E-01	81020862	81020985	NC_000016.9
cg05075562	8.70E-13	4.34E-14	8.15	21.1024301	1.14E-01	42123725	42123848	NC_000002.11

cg14290904	8.72E-13	4.35E-14	8.15	21.1006512	2.02E-01	36986585	36986708	NC_000014.8
cg23889730	8.72E-13	4.35E-14	8.15	21.1005244	1.35E-01	94254131	94254254	NC_000014.8
cg12991609	8.74E-13	4.36E-14	8.15	21.0978854	1.23E-01	1101551	1101674	NC_000008.10
cg04195548	8.76E-13	4.37E-14	8.15	21.0957556	1.03E-01	1206004	1206127	NC_000004.11
cg01866955	8.76E-13	4.37E-14	8.15	21.0955312	1.85E-01	19692217	19692340	NC_000006.11
cg24928391	8.80E-13	4.39E-14	8.15	21.090332	2.68E-01	55370336	55370459	NC_000008.10
cg13321077	8.81E-13	4.40E-14	8.15	21.0899481	1.33E-01	220196755	220196878	NC_000002.11
cg08215918	8.81E-13	4.40E-14	8.15	21.0891041	2.15E-01	37005557	37005680	NC_000013.10
cg13944468	8.82E-13	4.41E-14	8.15	21.0876868	2.28E-01	2753852	2753975	NC_000005.9
cg09126569	8.83E-13	4.41E-14	8.15	21.0871587	1.72E-01	93618390	93618513	NC_000008.10
cg17957183	8.84E-13	4.41E-14	8.15	21.0860019	1.03E-01	93803321	93803444	NC_000012.11
cg11108676	8.84E-13	4.41E-14	8.15	21.0858317	2.43E-01	88801004	88801127	NC_000015.9
cg24820783	8.86E-13	4.42E-14	8.14	21.0835704	2.08E-01	26504969	26505092	NC_000010.10
cg05524144	8.86E-13	4.43E-14	8.14	21.0835301	8.87E-02	134679383	134679506	NC_000010.10
cg02944007	8.87E-13	4.43E-14	8.14	21.082349	1.76E-01	79614795	79614918	NC_000017.10
cg04857033	8.89E-13	4.44E-14	8.14	21.0802465	1.66E-01	120258412	120258535	NC_000001.10
cg17746023	8.90E-13	4.45E-14	8.14	21.0785691	4.88E-02	46918393	46918516	NC_000021.8
cg02508651	8.92E-13	4.46E-14	8.14	21.076495	1.44E-01	46604554	46604677	NC_000017.10
cg26983874	8.93E-13	4.47E-14	8.14	21.0743558	1.45E-01	16736532	16736655	NC_000019.9
cg02961004	8.94E-13	4.47E-14	8.14	21.0740242	1.75E-01	57387702	57387825	NC_000010.10
cg00118229	8.97E-13	4.48E-14	8.14	21.0705637	8.80E-02	44088420	44088543	NC_000021.8
cg17953764	8.98E-13	4.49E-14	8.14	21.0694381	1.05E-01	48492845	48492968	NC_000004.11
cg21880079	8.98E-13	4.49E-14	8.14	21.0687488	3.18E-02	8419587	8419710	NC_000008.10
cg08252804	8.99E-13	4.50E-14	8.14	21.0678233	5.47E-02	202788592	202788715	NC_000002.11
cg00196414	9.00E-13	4.50E-14	8.14	21.0665969	1.88E-01	176947764	176947887	NC_000002.11

cg17735563	9.02E-13	4.51E-14	8.14	21.0642113	1.00E-01	33738079	33738202	NC_000002.11
cg02720691	9.02E-13	4.51E-14	8.14	21.0639015	1.57E-01	39366468	39366591	NC_000004.11
cg10435849	9.05E-13	4.53E-14	8.14	21.0613137	2.76E-01	47518747	47518870	NC_000021.8
cg24458300	9.05E-13	4.53E-14	8.14	21.0612859	3.94E-02	1302168	1302291	NC_000011.9
cg20455175	9.05E-13	4.53E-14	8.14	21.0605625	5.93E-02	304191	304314	NC_000011.9
cg00883123	9.07E-13	4.54E-14	8.14	21.0587137	1.05E-01	154373513	154373636	NC_000004.11
cg10838260	9.08E-13	4.55E-14	8.14	21.0567824	5.16E-02	88110197	88110320	NC_000016.9
cg00579520	9.09E-13	4.55E-14	8.14	21.0564957	1.63E-01	128752586	128752709	NC_000012.11
cg23239870	9.09E-13	4.55E-14	8.14	21.0559096	1.28E-01	3313940	3314063	NC_000002.11
cg17742359	9.10E-13	4.55E-14	8.14	21.0550219	7.83E-02	6312102	6312225	NC_000001.10
cg08283882	9.10E-13	4.56E-14	8.14	21.0542723	2.59E-01	25901017	25901140	NC_000008.10
cg24838839	9.10E-13	4.56E-14	8.14	21.0540253	6.02E-02	61031569	61031692	NC_000005.9
cg13845049	9.11E-13	4.56E-14	8.14	21.0530538	1.60E-01	77701327	77701450	NC_000009.11
cg06420903	9.11E-13	4.56E-14	8.14	21.0529307	1.64E-01	88186669	88186792	NC_000016.9
cg16905199	9.11E-13	4.56E-14	8.14	21.0528542	8.25E-02	149676378	149676501	NC_000001.10
cg26877715	9.12E-13	4.57E-14	8.14	21.0523598	2.18E-01	37353907	37354030	NC_000020.10
cg08962087	9.12E-13	4.57E-14	8.14	21.051742	1.80E-01	29107120	29107243	NC_000013.10
cg10402804	9.14E-13	4.58E-14	8.14	21.0493732	9.94E-02	105522348	105522471	NC_000014.8
cg03168582	9.16E-13	4.59E-14	8.14	21.0471921	2.60E-01	841850	841973	NC_000009.11
cg10526374	9.17E-13	4.60E-14	8.14	21.0459103	2.12E-01	2292525	2292648	NC_000011.9
cg25941299	9.20E-13	4.61E-14	8.14	21.0426377	1.63E-01	113727916	113728039	NC_000007.13
cg23076299	9.21E-13	4.61E-14	8.14	21.0423817	2.19E-01	85954312	85954435	NC_000010.10
cg19008133	9.22E-13	4.62E-14	8.14	21.0409445	8.26E-02	123124015	123124138	NC_000003.11
cg05306903	9.22E-13	4.62E-14	8.14	21.0408481	1.53E-01	109551804	109551927	NC_000012.11
cg17657179	9.22E-13	4.62E-14	8.14	21.0402804	1.84E-01	52227309	52227432	NC_000019.9

cg04700292	9.23E-13	4.63E-14	8.14	21.0398843	1.61E-01	73090723	73090846	NC_000016.9
cg19878194	9.24E-13	4.63E-14	8.14	21.0381509	1.49E-01	172744882	172745005	NC_000005.9
cg01873311	9.25E-13	4.64E-14	8.14	21.0368865	2.46E-01	89268689	89268812	NC_000016.9
cg04297067	9.25E-13	4.64E-14	8.14	21.0367028	1.24E-01	86550450	86550573	NC_000016.9
cg18581378	9.26E-13	4.64E-14	8.14	21.0363386	1.89E-01	11059443	11059566	NC_000010.10
cg04213910	9.26E-13	4.65E-14	8.14	21.0356514	4.82E-02	43238881	43239004	NC_000017.10
cg01025774	9.29E-13	4.66E-14	8.14	21.0327862	1.43E-01	42944457	42944580	NC_000005.9
cg04145890	9.29E-13	4.66E-14	8.14	21.0322087	5.48E-02	1007657	1007780	NC_000004.11
cg02176858	9.30E-13	4.66E-14	8.14	21.031916	9.21E-02	122286796	122286919	NC_000002.11
cg24659171	9.31E-13	4.67E-14	8.14	21.0305877	8.03E-02	67817691	67817814	NC_000011.9
cg21276413	9.31E-13	4.67E-14	8.14	21.0305598	2.02E-01	27112287	27112410	NC_000015.9
cg19624444	9.31E-13	4.67E-14	8.14	21.0296788	8.18E-02	2048497	2048620	NC_000007.13
cg25266629	9.32E-13	4.67E-14	8.14	21.0293761	2.34E-01	102894148	102894271	NC_000010.10
cg09317403	9.32E-13	4.68E-14	8.14	21.0284573	7.19E-02	92994936	92995059	NC_000014.8
cg11514604	9.33E-13	4.68E-14	8.14	21.0276611	1.53E-01	122901047	122901170	NC_000011.9
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cg07168204	9.34E-13	4.69E-14	8.14	21.0264022	8.58E-02	149864599	149864722	NC_000005.9
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cg08924415	9.36E-13	4.70E-14	8.14	21.024685	1.16E-01	144902836	144902959	NC_000008.10
cg03318667	9.37E-13	4.71E-14	8.13	21.0227678	1.30E-01	104975516	104975639	NC_000012.11
cg15730491	9.39E-13	4.71E-14	8.13	21.0213367	1.71E-01	221068834	221068957	NC_000001.10
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cg02026062	9.47E-13	4.76E-14	8.13	21.0124616	1.99E-01	117086479	117086602	NC_000006.11
cg14984684	9.47E-13	4.76E-14	8.13	21.0123445	2.22E-01	79382708	79382831	NC_000015.9

cg18938204	9.47E-13	4.76E-14	8.13	21.0117081	2.05E-01	39994857	39994980	NC_000020.10
cg25723050	9.48E-13	4.76E-14	8.13	21.0105469	3.13E-01	224804222	224804345	NC_000001.10
cg08704536	9.52E-13	4.78E-14	8.13	21.0067829	1.33E-01	53638566	53638689	NC_000017.10
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cg00971369	9.64E-13	4.85E-14	8.13	20.9940344	8.41E-02	142263802	142263925	NC_000008.10
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cg07627556	9.64E-13	4.85E-14	8.13	20.9935782	1.88E-01	115530590	115530713	NC_000011.9
cg02488942	9.64E-13	4.85E-14	8.13	20.9933245	1.38E-01	105480687	105480810	NC_000002.11
cg11435225	9.67E-13	4.86E-14	8.13	20.9908411	9.37E-02	32014422	32014545	NC_000022.10
cg17137424	9.68E-13	4.87E-14	8.13	20.9891433	1.35E-01	231299352	231299475	NC_000001.10
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cg11830436	9.70E-13	4.88E-14	8.13	20.9869853	1.83E-01	34943260	34943383	NC_000010.10
cg19064523	9.70E-13	4.88E-14	8.13	20.9868603	1.62E-01	19158210	19158333	NC_000007.13
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cg07709314	9.79E-13	4.93E-14	8.13	20.9769322	4.28E-02	114882877	114883000	NC_000013.10
cg18775702	9.82E-13	4.94E-14	8.13	20.9746008	9.21E-02	75501277	75501400	NC_000015.9
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cg01856145	9.92E-13	5.00E-14	8.13	20.9638599	6.97E-02	63952230	63952353	NC_000003.11
cg21532913	9.94E-13	5.01E-14	8.12	20.9617499	5.10E-02	98950148	98950271	NC_000002.11

cg11600596	9.94E-13	5.01E-14	8.12	20.9611353	2.20E-01	2617199	2617322	NC_000002.11
cg19005102	9.95E-13	5.01E-14	8.12	20.960703	6.79E-02	168758843	168758966	NC_000006.11
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cg15565065	9.97E-13	5.02E-14	8.12	20.9587105	2.58E-01	46655476	46655599	NC_000017.10
cg24718971	9.98E-13	5.03E-14	8.12	20.9574773	2.37E-01	80256166	80256289	NC_000005.9
cg27042584	9.98E-13	5.03E-14	8.12	20.9572405	1.85E-01	51168485	51168608	NC_000016.9
cg03507218	1.00E-12	5.04E-14	8.12	20.9556594	1.37E-01	75736090	75736213	NC_000014.8
cg26786893	1.00E-12	5.05E-14	8.12	20.9530146	1.24E-01	43705792	43705915	NC_000011.9
cg06549216	1.00E-12	5.05E-14	8.12	20.9524677	2.00E-01	154710224	154710347	NC_000004.11
cg12188526	1.00E-12	5.06E-14	8.12	20.9515065	6.00E-02	71896386	71896509	NC_000014.8
cg20920097	1.01E-12	5.07E-14	8.12	20.9490686	1.13E-01	127057149	127057272	NC_000003.11
cg17526175	1.01E-12	5.08E-14	8.12	20.9482616	1.78E-01	33624542	33624665	NC_000019.9
cg12810152	1.01E-12	5.08E-14	8.12	20.9468149	5.52E-02	141994213	141994336	NC_000005.9
cg02527112	1.01E-12	5.08E-14	8.12	20.9464978	1.90E-01	176971353	176971476	NC_000002.11
cg02996570	1.01E-12	5.10E-14	8.12	20.9440611	5.63E-02	70001114	70001237	NC_000011.9
cg04700930	1.01E-12	5.10E-14	8.12	20.9438501	1.17E-01	98030706	98030829	NC_000012.11
cg21167761	1.01E-12	5.10E-14	8.12	20.9436736	1.57E-01	77903617	77903740	NC_000011.9
cg00566320	1.01E-12	5.10E-14	8.12	20.9429238	1.42E-01	32172204	32172327	NC_000001.10
cg04591469	1.01E-12	5.11E-14	8.12	20.9418824	1.71E-01	17810299	17810422	NC_000005.9
cg26551913	1.01E-12	5.11E-14	8.12	20.9414598	2.38E-01	102508286	102508409	NC_000010.10
cg04062040	1.01E-12	5.11E-14	8.12	20.9411797	1.93E-01	103343421	103343544	NC_000002.11
cg24191821	1.02E-12	5.12E-14	8.12	20.9388344	8.63E-02	73008025	73008148	NC_000011.9
cg06614044	1.02E-12	5.14E-14	8.12	20.9364128	1.64E-01	42324631	42324754	NC_000018.9
cg26012482	1.02E-12	5.14E-14	8.12	20.936195	6.89E-02	8423155	8423278	NC_000002.11
cg05538980	1.02E-12	5.14E-14	8.12	20.9348063	7.57E-02	41581845	41581968	NC_000008.10

cg02649597	1.02E-12	5.15E-14	8.12	20.9340946	1.64E-01	45171621	45171744	NC_000002.11
cg13426632	1.02E-12	5.16E-14	8.12	20.9319229	9.00E-02	94858277	94858400	NC_000008.10
cg10945079	1.02E-12	5.16E-14	8.12	20.9312584	1.64E-01	162283856	162283979	NC_000002.11
cg24710309	1.03E-12	5.18E-14	8.12	20.9279403	1.27E-01	235423736	235423859	NC_000001.10
cg14612428	1.03E-12	5.18E-14	8.12	20.9277078	1.71E-01	11751566	11751689	NC_000018.9
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cg05377041	1.03E-12	5.19E-14	8.12	20.9257741	1.28E-01	88473713	88473836	NC_000016.9
cg04660422	1.03E-12	5.19E-14	8.12	20.9254777	1.43E-01	4860551	4860674	NC_000004.11
cg15235798	1.03E-12	5.22E-14	8.12	20.9202054	1.86E-01	112720244	112720367	NC_000013.10
cg21158087	1.04E-12	5.24E-14	8.12	20.9167863	1.30E-01	58216415	58216538	NC_000017.10
cg20160996	1.04E-12	5.25E-14	8.12	20.9154679	1.39E-01	63990575	63990698	NC_000011.9
cg23097534	1.04E-12	5.25E-14	8.12	20.9154134	2.28E-01	37836748	37836871	NC_000005.9
cg23884241	1.04E-12	5.25E-14	8.12	20.9146092	9.21E-02	27169957	27170080	NC_000007.13
cg21167905	1.04E-12	5.27E-14	8.12	20.9118886	1.18E-01	172505895	172506018	NC_000001.10
cg15282819	1.04E-12	5.27E-14	8.12	20.9112021	2.43E-01	12997592	12997715	NC_000016.9
cg03630821	1.04E-12	5.27E-14	8.12	20.910307	1.34E-01	58861702	58861825	NC_000019.9
cg08063745	1.05E-12	5.30E-14	8.12	20.9048365	4.48E-02	44690652	44690775	NC_000020.10
cg24057218	1.05E-12	5.31E-14	8.12	20.9038899	9.84E-02	68660680	68660803	NC_000014.8
cg19475870	1.05E-12	5.31E-14	8.12	20.9036924	1.64E-01	27038605	27038728	NC_000005.9
cg05186311	1.05E-12	5.33E-14	8.11	20.9007341	1.60E-01	131758454	131758577	NC_000010.10
cg04009342	1.05E-12	5.33E-14	8.11	20.9006731	8.02E-02	25204113	25204236	NC_000012.11
cg24033330	1.05E-12	5.33E-14	8.11	20.8993315	1.98E-01	39317034	39317157	NC_000020.10
cg19264163	1.05E-12	5.34E-14	8.11	20.8987373	8.51E-02	19316990	19317113	NC_000003.11
cg02081733	1.06E-12	5.34E-14	8.11	20.8976821	1.47E-01	68120412	68120535	NC_000015.9
cg23520688	1.06E-12	5.35E-14	8.11	20.895777	2.16E-01	103294740	103294863	NC_000014.8



cg10319942	1.06E-12	5.37E-14	8.11	20.8927848	6.44E-02	127441767	127441890	NC_000003.11
cg12065366	1.06E-12	5.37E-14	8.11	20.8917487	2.30E-01	238618	238741	NC_000003.11
cg18639956	1.07E-12	5.41E-14	8.11	20.8859183	1.03E-01	77927982	77928105	NC_000017.10
cg17822911	1.07E-12	5.41E-14	8.11	20.8858141	9.09E-02	145625497	145625620	NC_000008.10
cg02318567	1.07E-12	5.42E-14	8.11	20.8834692	1.58E-01	31548908	31549031	NC_000016.9
cg26716839	1.07E-12	5.43E-14	8.11	20.8813669	5.94E-02	121146848	121146971	NC_000012.11
cg04156606	1.08E-12	5.46E-14	8.11	20.876174	1.77E-01	134859458	134859581	NC_000010.10
cg23814691	1.08E-12	5.46E-14	8.11	20.8752758	2.01E-02	50649161	50649284	NC_000003.11
cg25922637	1.08E-12	5.47E-14	8.11	20.8750643	1.38E-01	128076308	128076431	NC_000010.10
cg17357285	1.08E-12	5.47E-14	8.11	20.8745792	2.78E-01	28602938	28603061	NC_000006.11
cg06094607	1.08E-12	5.48E-14	8.11	20.8730405	1.32E-01	144561886	144562009	NC_000008.10
cg22348290	1.08E-12	5.48E-14	8.11	20.8727778	1.16E-01	72459499	72459622	NC_000008.10
cg10524033	1.08E-12	5.49E-14	8.11	20.87161	2.21E-01	134070433	134070556	NC_000004.11
cg24913868	1.08E-12	5.49E-14	8.11	20.8708607	1.72E-01	101296069	101296192	NC_000010.10
cg27505273	1.08E-12	5.49E-14	8.11	20.870759	1.78E-01	137483543	137483666	NC_000003.11
cg20925955	1.08E-12	5.49E-14	8.11	20.8705118	5.76E-02	155412182	155412305	NC_000006.11
cg26983177	1.08E-12	5.49E-14	8.11	20.8701102	1.83E-01	35395973	35396096	NC_000019.9
cg04641171	1.08E-12	5.50E-14	8.11	20.8691563	1.78E-01	79381805	79381928	NC_000015.9
cg24499516	1.09E-12	5.53E-14	8.11	20.8635456	7.85E-02	49638562	49638685	NC_000020.10
cg15012214	1.09E-12	5.54E-14	8.11	20.8625004	1.15E-01	56810320	56810443	NC_000003.11
cg00532455	1.09E-12	5.54E-14	8.11	20.8609992	1.11E-01	148617336	148617459	NC_000002.11
cg24978630	1.10E-12	5.57E-14	8.11	20.8568453	2.07E-01	57389676	57389799	NC_000010.10
cg21325485	1.10E-12	5.57E-14	8.11	20.8560507	1.21E-01	158364932	158365055	NC_000007.13
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cg06703635	1.10E-12	5.60E-14	8.11	20.8507386	7.97E-02	201488410	201488533	NC_000001.10

cg24035245	1.10E-12	5.60E-14	8.11	20.8505705	1.95E-01	119535928	119536051	NC_000001.10
cg13491584	1.11E-12	5.63E-14	8.11	20.8456632	2.43E-01	88752836	88752959	NC_000002.11
cg12694372	1.11E-12	5.64E-14	8.11	20.8445704	1.99E-01	32064582	32064705	NC_000006.11
cg09347306	1.11E-12	5.64E-14	8.11	20.8441379	6.06E-02	79078315	79078438	NC_000017.10
cg13075444	1.11E-12	5.64E-14	8.11	20.8436587	7.22E-02	33680427	33680550	NC_000011.9
cg20464804	1.11E-12	5.65E-14	8.11	20.8420938	2.24E-01	33454491	33454614	NC_000022.10
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cg12339328	1.12E-12	5.68E-14	8.1	20.8374892	1.36E-01	18491484	18491607	NC_000020.10
cg26291543	1.12E-12	5.68E-14	8.1	20.8368022	5.92E-02	26895578	26895701	NC_000022.10
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cg25662463	1.12E-12	5.70E-14	8.1	20.8342668	2.18E-01	118897857	118897980	NC_000010.10
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cg18181607	1.12E-12	5.72E-14	8.1	20.8310583	1.51E-01	155109364	155109487	NC_000005.9
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cg21706183	1.14E-12	5.78E-14	8.1	20.8198719	1.40E-01	124785827	124785950	NC_000012.11
cg02256049	1.14E-12	5.79E-14	8.1	20.8179544	2.18E-01	115531001	115531124	NC_000011.9
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cg08523865	1.14E-12	5.80E-14	8.1	20.8164684	1.65E-01	124782253	124782376	NC_000002.11

cg23523535	1.15E-12	5.86E-14	8.1	20.806908	8.50E-02	161572308	161572431	NC_000002.11
cg04031411	1.15E-12	5.86E-14	8.1	20.806884	5.18E-02	11043956	11044079	NC_000016.9
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cg05924540	1.16E-12	5.89E-14	8.1	20.801124	1.99E-01	140200723	140200846	NC_000004.11
cg23809442	1.16E-12	5.90E-14	8.1	20.799808	2.39E-01	102569876	102569999	NC_000013.10
cg12684209	1.16E-12	5.93E-14	8.1	20.7946752	2.05E-01	393110	393233	NC_000006.11
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cg10520672	1.17E-12	5.95E-14	8.1	20.7908937	1.44E-01	86018680	86018803	NC_000016.9
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cg24390913	1.17E-12	5.97E-14	8.1	20.7882279	1.76E-01	118899788	118899911	NC_000010.10
cg25334575	1.17E-12	5.97E-14	8.1	20.7880788	1.77E-01	100641744	100641867	NC_000013.10
cg15836635	1.17E-12	5.97E-14	8.1	20.7877063	2.87E-01	57025662	57025785	NC_000008.10
cg08049853	1.17E-12	5.98E-14	8.1	20.7855672	1.85E-01	41875784	41875907	NC_000004.11
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cg26345916	1.18E-12	6.01E-14	8.1	20.7807218	1.57E-01	193815787	193815910	NC_000003.11
cg19444925	1.18E-12	6.02E-14	8.09	20.7801883	3.38E-02	62507590	62507713	NC_000020.10
cg04723401	1.18E-12	6.03E-14	8.09	20.7788876	1.82E-01	29229249	29229372	NC_000014.8
cg13242070	1.18E-12	6.03E-14	8.09	20.7786976	1.48E-01	228652067	228652190	NC_000001.10
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cg06943420	1.18E-12	6.04E-14	8.09	20.777216	2.29E-01	1566699	1566822	NC_000001.10
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cg26822097	1.19E-12	6.07E-14	8.09	20.7712442	1.65E-01	17082581	17082704	NC_000022.10

cg21915313	1.20E-12	6.10E-14	8.09	20.7667634	1.54E-01	140774426	140774549	NC_000005.9
cg03306615	1.20E-12	6.10E-14	8.09	20.766738	1.05E-01	2292890	2293013	NC_000011.9
cg09827433	1.20E-12	6.10E-14	8.09	20.7661415	1.53E-01	177215619	177215742	NC_000001.10
cg14580287	1.20E-12	6.10E-14	8.09	20.7661026	5.25E-02	25173338	25173461	NC_000010.10
cg09735723	1.20E-12	6.12E-14	8.09	20.7627505	2.27E-01	106402042	106402165	NC_000010.10
cg21537915	1.20E-12	6.14E-14	8.09	20.7598936	1.03E-01	7882943	7883066	NC_000006.11
cg04955877	1.21E-12	6.16E-14	8.09	20.7565977	6.30E-02	123856590	123856713	NC_000008.10
cg17333767	1.21E-12	6.16E-14	8.09	20.7565258	1.46E-01	17680561	17680684	NC_000022.10
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cg00282249	1.21E-12	6.20E-14	8.09	20.7502151	2.62E-01	37005566	37005689	NC_000013.10
cg02071795	1.22E-12	6.22E-14	8.09	20.7479397	5.38E-02	23442517	23442640	NC_000014.8
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cg00954875	1.22E-12	6.25E-14	8.09	20.7431194	5.86E-02	245628858	245628981	NC_000001.10
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cg09992746	1.25E-12	6.41E-14	8.08	20.7183382	1.48E-01	60285821	60285944	NC_000015.9
cg13899017	1.25E-12	6.42E-14	8.08	20.7166742	2.31E-01	159158444	159158567	NC_000001.10
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cg07125469	1.26E-12	6.43E-14	8.08	20.7141909	8.88E-02	125623573	125623696	NC_000006.11
cg05800416	1.26E-12	6.45E-14	8.08	20.7120078	1.36E-01	19460097	19460220	NC_000008.10
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cg19914620	1.27E-12	6.50E-14	8.08	20.7048215	9.15E-02	134811603	134811726	NC_000010.10
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cg01704198	1.27E-12	6.51E-14	8.08	20.7030448	1.51E-01	33757893	33758016	NC_000003.11
cg19511386	1.27E-12	6.51E-14	8.08	20.7028231	9.24E-02	192535635	192535758	NC_000003.11
cg27576241	1.27E-12	6.51E-14	8.08	20.7026556	1.37E-01	155034570	155034693	NC_000001.10
cg03245632	1.27E-12	6.53E-14	8.08	20.6998527	1.74E-01	12254148	12254271	NC_000018.9
cg00674679	1.27E-12	6.53E-14	8.08	20.699466	2.12E-01	176931680	176931803	NC_000002.11
cg19729338	1.28E-12	6.54E-14	8.08	20.6976502	5.29E-02	54909872	54909995	NC_000014.8
cg05406791	1.28E-12	6.55E-14	8.08	20.6966417	1.14E-01	10875874	10875997	NC_000012.11
cg07954075	1.28E-12	6.55E-14	8.08	20.6964105	7.49E-02	1633258	1633381	NC_000012.11
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cg03983058	1.29E-12	6.59E-14	8.08	20.6898163	1.39E-01	77369724	77369847	NC_000016.9
cg16334004	1.29E-12	6.60E-14	8.08	20.6893177	1.14E-01	134722168	134722291	NC_000010.10
cg10047595	1.29E-12	6.61E-14	8.08	20.6876679	2.33E-01	15500913	15501036	NC_000005.9
cg07622493	1.29E-12	6.62E-14	8.08	20.6862189	1.96E-01	93114294	93114417	NC_000008.10
cg13518270	1.29E-12	6.64E-14	8.08	20.6834826	1.39E-01	50415588	50415711	NC_000020.10
cg00314966	1.29E-12	6.64E-14	8.08	20.68314	2.41E-01	86544346	86544469	NC_000016.9
cg02785870	1.30E-12	6.68E-14	8.08	20.677731	3.07E-02	24744825	24744948	NC_000016.9
cg03779241	1.30E-12	6.68E-14	8.08	20.6770618	2.73E-01	45405061	45405184	NC_000022.10

cg05588496	1.30E-12	6.68E-14	8.08	20.6766672	1.73E-01	67067721	67067844	NC_000018.9
cg01784128	1.30E-12	6.69E-14	8.08	20.6753876	5.37E-02	66519888	66520011	NC_000016.9
cg13012868	1.30E-12	6.69E-14	8.08	20.675284	7.27E-02	91720578	91720701	NC_000014.8
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cg00766964	1.32E-12	6.76E-14	8.08	20.6646862	1.60E-01	24693844	24693967	NC_000013.10
cg20249071	1.32E-12	6.78E-14	8.08	20.6631542	1.49E-01	122684258	122684381	NC_000011.9
cg09568464	1.32E-12	6.78E-14	8.08	20.6627095	2.75E-01	56904901	56905024	NC_000019.9
cg10037494	1.32E-12	6.78E-14	8.08	20.6620423	2.48E-01	2161135	2161258	NC_000011.9
cg21515305	1.32E-12	6.79E-14	8.08	20.6612937	1.17E-01	37769171	37769294	NC_000022.10
cg08497530	1.32E-12	6.80E-14	8.08	20.6602011	1.77E-01	82660434	82660557	NC_000016.9
cg13802013	1.33E-12	6.82E-14	8.07	20.6560767	1.27E-01	37303351	37303474	NC_000020.10
cg12398314	1.33E-12	6.83E-14	8.07	20.654832	7.78E-02	71172133	71172256	NC_000001.10
cg24828322	1.34E-12	6.87E-14	8.07	20.6496397	1.30E-01	96830111	96830234	NC_000010.10
cg21928406	1.34E-12	6.88E-14	8.07	20.6486111	9.65E-02	140802669	140802792	NC_000005.9
cg12539415	1.34E-12	6.88E-14	8.07	20.6484737	1.75E-01	177016167	177016290	NC_000002.11
cg16457786	1.34E-12	6.88E-14	8.07	20.6483053	2.40E-01	904851	904974	NC_000018.9
cg25532099	1.34E-12	6.89E-14	8.07	20.6472753	2.69E-01	127874466	127874589	NC_000005.9
cg26456435	1.34E-12	6.89E-14	8.07	20.6471821	1.19E-01	31053788	31053911	NC_000016.9
cg23086519	1.34E-12	6.89E-14	8.07	20.646799	8.44E-02	75703717	75703840	NC_000014.8
cg09758273	1.34E-12	6.90E-14	8.07	20.6454513	1.49E-01	1237995	1238118	NC_000004.11
cg20801476	1.34E-12	6.91E-14	8.07	20.6441185	1.58E-01	27281465	27281588	NC_000007.13
cg24754689	1.34E-12	6.91E-14	8.07	20.6439382	1.20E-01	77702997	77703120	NC_000017.10
cg09201151	1.35E-12	6.95E-14	8.07	20.6385461	2.70E-01	84116151	84116274	NC_000015.9

cg06800040	1.35E-12	6.95E-14	8.07	20.6384712	7.81E-02	42427647	42427770	NC_000017.10
cg20214477	1.35E-12	6.95E-14	8.07	20.6381009	2.34E-01	166795401	166795524	NC_000004.11
cg19777067	1.35E-12	6.96E-14	8.07	20.6359303	1.72E-01	174440103	174440226	NC_000004.11
cg15092168	1.36E-12	6.98E-14	8.07	20.6338016	2.40E-01	63257873	63257996	NC_000005.9
cg08149747	1.36E-12	6.98E-14	8.07	20.6336739	1.71E-01	33761600	33761723	NC_000006.11
cg13940693	1.36E-12	6.99E-14	8.07	20.6324184	2.43E-01	907605	907728	NC_000018.9
cg25987923	1.36E-12	7.02E-14	8.07	20.6283084	1.61E-01	119302050	119302173	NC_000010.10
cg09283154	1.36E-12	7.03E-14	8.07	20.6269004	1.64E-01	118229641	118229764	NC_000006.11
cg24469980	1.37E-12	7.04E-14	8.07	20.6254648	1.44E-01	221064953	221065076	NC_000001.10
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cg00020052	1.37E-12	7.07E-14	8.07	20.6218279	2.51E-01	68546899	68547022	NC_000002.11
cg17149103	1.38E-12	7.10E-14	8.07	20.6173845	1.27E-01	147789480	147789603	NC_000001.10
cg14270292	1.38E-12	7.10E-14	8.07	20.6163725	2.46E-01	133562494	133562617	NC_000006.11
cg13049432	1.38E-12	7.11E-14	8.07	20.6153782	6.07E-02	40141809	40141932	NC_000021.8
cg02279719	1.38E-12	7.11E-14	8.07	20.6152424	1.92E-01	204474	204597	NC_000016.9
cg00974598	1.38E-12	7.11E-14	8.07	20.6151095	4.99E-02	44223902	44224025	NC_000019.9
cg13961142	1.38E-12	7.12E-14	8.07	20.6143828	7.00E-02	11712098	11712221	NC_000019.9
cg22623133	1.38E-12	7.13E-14	8.07	20.6127913	2.03E-01	27195960	27196083	NC_000007.13
cg00290355	1.39E-12	7.15E-14	8.07	20.609683	1.22E-01	150996599	150996722	NC_000003.11
cg02378847	1.39E-12	7.16E-14	8.07	20.60821	2.07E-01	74422750	74422873	NC_000015.9
cg16294013	1.39E-12	7.17E-14	8.07	20.6076298	1.96E-01	66258022	66258145	NC_000001.10
cg16990168	1.39E-12	7.18E-14	8.07	20.6052672	1.62E-01	119526060	119526183	NC_000001.10
cg01648784	1.39E-12	7.19E-14	8.07	20.6042787	7.70E-02	30385444	30385567	NC_000016.9
cg07117311	1.40E-12	7.20E-14	8.07	20.6032295	1.23E-01	67966314	67966437	NC_000016.9

cg00505045	1.40E-12	7.20E-14	8.07	20.6028127	1.63E-01	147561669	147561792	NC_000004.11
cg12334488	1.40E-12	7.21E-14	8.07	20.6011226	1.08E-01	20871173	20871296	NC_000002.11
cg14725719	1.40E-12	7.24E-14	8.06	20.5975679	8.20E-02	43601916	43602039	NC_000010.10
cg11248896	1.41E-12	7.28E-14	8.06	20.5919915	1.98E-01	177003747	177003870	NC_000002.11
cg20189244	1.41E-12	7.28E-14	8.06	20.5916942	1.62E-01	96648205	96648328	NC_000007.13
cg07068674	1.41E-12	7.29E-14	8.06	20.5913299	2.02E-01	37123778	37123901	NC_000014.8
cg07438617	1.41E-12	7.29E-14	8.06	20.5912055	2.94E-01	46655289	46655412	NC_000017.10
cg26552477	1.41E-12	7.30E-14	8.06	20.5891053	1.65E-01	143029	143152	NC_000007.13
cg00765828	1.41E-12	7.31E-14	8.06	20.5888151	2.58E-01	130389013	130389136	NC_000012.11
cg14573448	1.41E-12	7.31E-14	8.06	20.58844	1.84E-01	27165187	27165310	NC_000007.13
cg12590346	1.42E-12	7.32E-14	8.06	20.587303	1.33E-01	1327962	1328085	NC_000011.9
cg12417685	1.42E-12	7.34E-14	8.06	20.5843963	2.37E-01	68981852	68981975	NC_000003.11
cg17290136	1.42E-12	7.36E-14	8.06	20.5819638	1.22E-01	79823345	79823468	NC_000017.10
cg02763671	1.43E-12	7.37E-14	8.06	20.5802085	1.14E-01	20103541	20103664	NC_000022.10
cg25740602	1.43E-12	7.39E-14	8.06	20.5776138	9.32E-02	60052464	60052587	NC_000018.9
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cg14307443	1.43E-12	7.42E-14	8.06	20.5740621	1.81E-01	172734507	172734630	NC_000004.11
cg14648534	1.44E-12	7.45E-14	8.06	20.5695422	1.31E-01	132315842	132315965	NC_000009.11
cg01826858	1.45E-12	7.50E-14	8.06	20.5633439	7.30E-02	30958494	30958617	NC_000016.9
cg11215296	1.46E-12	7.53E-14	8.06	20.5585609	4.26E-02	206224554	206224677	NC_000001.10
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cg16927416	1.47E-12	7.62E-14	8.06	20.5473052	7.84E-02	142295141	142295264	NC_000008.10
cg02471897	1.48E-12	7.64E-14	8.06	20.5443029	2.55E-01	1281200	1281323	NC_000007.13



cg27593384	1.48E-12	7.65E-14	8.06	20.542987	2.14E-01	25755608	25755731	NC_000018.9
cg26271895	1.48E-12	7.67E-14	8.06	20.5407498	3.43E-02	36629950	36630073	NC_000002.11
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cg06264922	1.49E-12	7.74E-14	8.05	20.5319956	9.51E-02	1319648	1319771	NC_000011.9
cg22872478	1.49E-12	7.74E-14	8.05	20.5314521	1.35E-01	52030685	52030808	NC_000015.9
cg26899113	1.49E-12	7.74E-14	8.05	20.5312446	1.21E-01	22625733	22625856	NC_000010.10
cg01245966	1.50E-12	7.75E-14	8.05	20.5299874	2.10E-01	132053823	132053946	NC_000008.10
cg00715696	1.50E-12	7.76E-14	8.05	20.5296077	1.75E-01	85660534	85660657	NC_000016.9
cg14101302	1.50E-12	7.77E-14	8.05	20.5281828	2.37E-01	72596557	72596680	NC_000006.11
cg24490133	1.50E-12	7.78E-14	8.05	20.5271782	1.69E-01	245607970	245608093	NC_000001.10
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cg26252167	1.50E-12	7.78E-14	8.05	20.5262806	1.60E-01	110300573	110300696	NC_000006.11
cg03369382	1.50E-12	7.79E-14	8.05	20.5250492	1.84E-01	139427635	139427758	NC_000007.13
cg07555125	1.51E-12	7.82E-14	8.05	20.5219857	7.68E-02	140175691	140175814	NC_000005.9
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cg14830748	1.51E-12	7.85E-14	8.05	20.5184871	9.03E-02	97592199	97592322	NC_000008.10
cg18944010	1.51E-12	7.85E-14	8.05	20.5182119	1.84E-01	119522855	119522978	NC_000001.10
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cg07906331	1.52E-12	7.87E-14	8.05	20.5152279	1.34E-01	15783158	15783281	NC_000001.10
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cg03200537	1.52E-12	7.89E-14	8.05	20.5128812	1.20E-01	87022121	87022244	NC_000016.9
cg09360770	1.52E-12	7.89E-14	8.05	20.5123774	2.62E-01	86600326	86600449	NC_000016.9
cg07702100	1.52E-12	7.90E-14	8.05	20.5111008	5.82E-02	88178390	88178513	NC_000011.9
cg03394150	1.53E-12	7.92E-14	8.05	20.509298	3.25E-01	28074384	28074507	NC_000016.9
cg00158122	1.53E-12	7.92E-14	8.05	20.5092038	9.53E-02	101290029	101290152	NC_000010.10
cg02671880	1.53E-12	7.93E-14	8.05	20.5080033	2.09E-01	95355117	95355240	NC_000013.10
cg24908814	1.53E-12	7.95E-14	8.05	20.5057503	2.90E-01	132947725	132947848	NC_000005.9
cg02298220	1.53E-12	7.96E-14	8.05	20.5046676	1.07E-01	35914908	35915031	NC_000020.10
cg07444323	1.53E-12	7.97E-14	8.05	20.5033433	1.22E-01	3654504	3654627	NC_000020.10
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cg03329976	1.53E-12	7.97E-14	8.05	20.5027916	1.80E-01	55370283	55370406	NC_000008.10
cg17832364	1.54E-12	7.97E-14	8.05	20.5026978	7.09E-02	94847294	94847417	NC_000010.10
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cg11750592	1.54E-12	8.01E-14	8.05	20.4974952	1.67E-01	65289227	65289350	NC_000008.10
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cg15014975	1.55E-12	8.05E-14	8.05	20.4935248	1.68E-01	25257547	25257670	NC_000001.10
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cg19470290	1.55E-12	8.07E-14	8.05	20.4911066	7.78E-02	98926570	98926693	NC_000013.10
cg11311843	1.55E-12	8.07E-14	8.05	20.4900647	1.32E-01	47302003	47302126	NC_000017.10
cg01292846	1.55E-12	8.08E-14	8.05	20.4895198	1.29E-01	33672543	33672666	NC_000017.10
cg06657852	1.55E-12	8.08E-14	8.05	20.4894697	4.92E-02	86786582	86786705	NC_000016.9
cg05130129	1.56E-12	8.09E-14	8.05	20.4881241	7.58E-02	185122266	185122389	NC_000004.11

cg19951663	1.56E-12	8.09E-14	8.05	20.4880739	1.84E-01	134871634	134871757	NC_000005.9
cg08404009	1.56E-12	8.09E-14	8.05	20.4875987	1.79E-01	109793152	109793275	NC_000013.10
cg21301240	1.56E-12	8.11E-14	8.05	20.4861932	8.83E-02	117727493	117727616	NC_000008.10
cg15679813	1.56E-12	8.11E-14	8.05	20.4858244	3.03E-01	45405627	45405750	NC_000022.10
cg25241559	1.56E-12	8.13E-14	8.05	20.4835573	1.30E-01	241989379	241989502	NC_000002.11
cg15060599	1.56E-12	8.13E-14	8.05	20.4831923	1.45E-01	13974467	13974590	NC_000003.11
cg00094585	1.56E-12	8.14E-14	8.05	20.4822379	1.11E-01	53631322	53631445	NC_000001.10
cg19026817	1.57E-12	8.15E-14	8.05	20.4804173	1.17E-01	56782259	56782382	NC_000020.10
cg02043159	1.57E-12	8.19E-14	8.04	20.4764	2.04E-01	134070235	134070358	NC_000004.11
cg27494087	1.57E-12	8.19E-14	8.04	20.4762708	2.00E-01	74070431	74070554	NC_000017.10
cg14479198	1.58E-12	8.24E-14	8.04	20.470441	7.38E-02	80255793	80255916	NC_000005.9
cg20636352	1.59E-12	8.26E-14	8.04	20.4682177	1.73E-01	200468832	200468955	NC_000002.11
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cg11891843	1.59E-12	8.27E-14	8.04	20.4659018	1.17E-01	61403381	61403504	NC_000020.10
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cg08833577	1.60E-12	8.32E-14	8.04	20.4600449	1.80E-01	118899288	118899411	NC_000010.10
cg08876441	1.60E-12	8.33E-14	8.04	20.4591159	2.27E-01	190447421	190447544	NC_000001.10
cg07333191	1.61E-12	8.36E-14	8.04	20.4552729	1.70E-01	13526769	13526892	NC_000004.11
cg08280383	1.61E-12	8.37E-14	8.04	20.4545673	1.77E-01	20085358	20085481	NC_000016.9
cg10903903	1.61E-12	8.40E-14	8.04	20.4506852	2.79E-01	27647843	27647966	NC_000006.11
cg12486498	1.61E-12	8.41E-14	8.04	20.4501214	7.29E-02	230975106	230975229	NC_000001.10
cg23284720	1.62E-12	8.43E-14	8.04	20.4480204	1.49E-01	2862144	2862267	NC_000012.11
cg04936030	1.62E-12	8.43E-14	8.04	20.4476415	4.81E-02	63935046	63935169	NC_000011.9
cg20973720	1.62E-12	8.44E-14	8.04	20.4469095	2.96E-01	79383167	79383290	NC_000015.9

cg14494620	1.62E-12	8.44E-14	8.04	20.4463579	1.68E-01	96904912	96905035	NC_000015.9
cg11445123	1.62E-12	8.45E-14	8.04	20.4450306	2.18E-01	2781478	2781601	NC_000020.10
cg03472349	1.62E-12	8.46E-14	8.04	20.4440192	1.72E-01	31319218	31319341	NC_000015.9
cg07026560	1.62E-12	8.47E-14	8.04	20.4433932	1.38E-01	823839	823962	NC_000011.9
cg02315271	1.63E-12	8.51E-14	8.04	20.4382515	2.08E-01	72469987	72470110	NC_000008.10
cg23318812	1.63E-12	8.53E-14	8.04	20.4355434	2.66E-01	66123127	66123250	NC_000012.11
cg17677402	1.64E-12	8.55E-14	8.04	20.4339113	7.87E-02	61889979	61890102	NC_000011.9
cg13149442	1.64E-12	8.56E-14	8.04	20.4328899	1.26E-01	43303777	43303900	NC_000018.9
cg06306791	1.64E-12	8.56E-14	8.04	20.4322158	1.38E-01	32854970	32855093	NC_000006.11
cg24180975	1.64E-12	8.56E-14	8.04	20.4319145	9.96E-02	53883752	53883875	NC_000006.11
cg08247921	1.65E-12	8.59E-14	8.04	20.4285696	1.29E-01	103683115	103683238	NC_000004.11
cg20633956	1.65E-12	8.59E-14	8.04	20.4285649	3.30E-02	95353748	95353871	NC_000010.10
cg18338046	1.65E-12	8.61E-14	8.04	20.4264214	1.12E-01	133452188	133452311	NC_000005.9
cg25471802	1.65E-12	8.62E-14	8.04	20.4258888	1.07E-01	168193840	168193963	NC_000006.11
cg01386735	1.65E-12	8.63E-14	8.04	20.4240887	1.20E-01	70501081	70501204	NC_000006.11
cg22629762	1.65E-12	8.65E-14	8.04	20.4226087	4.01E-02	1864390	1864513	NC_000008.10
cg13764248	1.66E-12	8.65E-14	8.04	20.4216989	4.00E-02	3234933	3235056	NC_000004.11
cg14375924	1.66E-12	8.67E-14	8.04	20.4200931	9.31E-02	24168200	24168323	NC_000012.11
cg11124364	1.66E-12	8.68E-14	8.04	20.4192263	2.08E-01	19812850	19812973	NC_000007.13
cg18391747	1.67E-12	8.72E-14	8.03	20.4138389	7.05E-02	161375390	161375513	NC_000001.10
cg26425305	1.67E-12	8.73E-14	8.03	20.4133823	1.44E-01	3592526	3592649	NC_000005.9
cg06896987	1.67E-12	8.73E-14	8.03	20.4131498	2.03E-01	177003735	177003858	NC_000002.11
cg25060243	1.67E-12	8.73E-14	8.03	20.4129998	7.89E-02	234626464	234626587	NC_000002.11
cg07714757	1.67E-12	8.74E-14	8.03	20.4113887	1.92E-01	143532138	143532261	NC_000008.10
cg04528240	1.68E-12	8.77E-14	8.03	20.4088698	1.08E-01	56504657	56504780	NC_000004.11

cg09701582	1.68E-12	8.78E-14	8.03	20.4071499	1.29E-01	177017797	177017920	NC_000002.11
cg15864104	1.69E-12	8.82E-14	8.03	20.4028264	1.69E-01	55254508	55254631	NC_000018.9
cg00299105	1.69E-12	8.83E-14	8.03	20.4019684	6.59E-02	113243817	113243940	NC_000011.9
cg12777730	1.70E-12	8.91E-14	8.03	20.3924656	1.52E-01	63657985	63658108	NC_000010.10
cg16348742	1.71E-12	8.94E-14	8.03	20.3898923	6.10E-02	2584446	2584569	NC_000011.9
cg01689438	1.71E-12	8.97E-14	8.03	20.3863787	2.32E-01	147140930	147141053	NC_000003.11
cg00926267	1.71E-12	8.97E-14	8.03	20.3860094	1.21E-01	41030561	41030684	NC_000022.10
cg00690148	1.71E-12	8.98E-14	8.03	20.3857121	2.55E-01	119916017	119916140	NC_000002.11
cg12974545	1.72E-12	9.01E-14	8.03	20.3817609	1.36E-01	11198695	11198818	NC_000003.11
cg23460809	1.72E-12	9.01E-14	8.03	20.3817518	1.07E-01	134472105	134472228	NC_000010.10
cg11315991	1.72E-12	9.02E-14	8.03	20.3810893	1.88E-01	601283	601406	NC_000007.13
cg05234958	1.72E-12	9.03E-14	8.03	20.3791944	1.02E-01	41557710	41557833	NC_000008.10
cg12242474	1.73E-12	9.05E-14	8.03	20.3779226	7.21E-02	1293682	1293805	NC_000020.10
cg01794426	1.73E-12	9.05E-14	8.03	20.3778762	1.93E-01	37132490	37132613	NC_000014.8
cg11500797	1.73E-12	9.06E-14	8.03	20.376977	2.18E-01	96652123	96652246	NC_000007.13
cg23619577	1.73E-12	9.06E-14	8.03	20.3764577	8.11E-02	65297524	65297647	NC_000001.10
cg16703956	1.74E-12	9.09E-14	8.03	20.3728872	2.36E-01	1446217	1446340	NC_000005.9
cg07264726	1.74E-12	9.11E-14	8.03	20.370749	1.22E-01	142666293	142666416	NC_000003.11
cg24080008	1.74E-12	9.13E-14	8.03	20.3691612	1.46E-01	38600199	38600322	NC_000001.10
cg05485968	1.74E-12	9.13E-14	8.03	20.3686329	7.82E-02	79681568	79681691	NC_000017.10
cg14370314	1.75E-12	9.16E-14	8.03	20.3659013	1.82E-01	23834891	23835014	NC_000014.8
cg02631468	1.75E-12	9.16E-14	8.03	20.3652263	2.21E-01	25062777	25062900	NC_000020.10
cg26721877	1.75E-12	9.17E-14	8.03	20.3648811	1.69E-01	172757074	172757197	NC_000005.9
cg06803257	1.75E-12	9.19E-14	8.03	20.3624622	4.79E-02	67999044	67999167	NC_000016.9
cg15355341	1.76E-12	9.22E-14	8.03	20.3595535	8.28E-02	50430136	50430259	NC_000012.11

cg15095581	1.76E-12	9.22E-14	8.03	20.3590346	9.35E-02	46776775	46776898	NC_000003.11
cg04098866	1.76E-12	9.22E-14	8.03	20.3586657	1.78E-01	51190201	51190324	NC_000016.9
cg20399965	1.77E-12	9.27E-14	8.02	20.3542822	1.09E-01	6471712	6471835	NC_000004.11
cg23733386	1.77E-12	9.27E-14	8.02	20.3539926	4.21E-02	169630505	169630628	NC_000001.10
cg24148931	1.77E-12	9.28E-14	8.02	20.3531764	7.82E-02	169290459	169290582	NC_000006.11
cg11246938	1.77E-12	9.28E-14	8.02	20.3523452	1.77E-01	115112433	115112556	NC_000012.11
cg09982510	1.77E-12	9.30E-14	8.02	20.3507457	5.48E-02	233565164	233565287	NC_000002.11
cg13279673	1.77E-12	9.31E-14	8.02	20.3491692	1.95E-01	50674522	50674645	NC_000006.11
cg03345925	1.78E-12	9.34E-14	8.02	20.346028	9.55E-02	144599347	144599470	NC_000008.10
cg12647837	1.78E-12	9.35E-14	8.02	20.345409	6.13E-02	61820842	61820965	NC_000007.13
cg24041541	1.78E-12	9.36E-14	8.02	20.3443205	1.86E-01	77586395	77586518	NC_000008.10
cg10853543	1.78E-12	9.36E-14	8.02	20.3441971	1.47E-01	60763626	60763749	NC_000002.11
cg21639114	1.79E-12	9.39E-14	8.02	20.3413871	1.74E-01	130687884	130688007	NC_000006.11
cg14351526	1.79E-12	9.39E-14	8.02	20.3407362	1.20E-01	72086737	72086860	NC_000006.11
cg26673975	1.79E-12	9.41E-14	8.02	20.3393656	9.58E-02	66420974	66421097	NC_000016.9
cg08969532	1.80E-12	9.43E-14	8.02	20.336524	2.37E-01	99790438	99790561	NC_000010.10
cg16374093	1.80E-12	9.44E-14	8.02	20.3360259	5.64E-02	69931514	69931637	NC_000011.9
cg23130254	1.80E-12	9.46E-14	8.02	20.3334695	1.66E-01	176964588	176964711	NC_000002.11
cg23676682	1.81E-12	9.49E-14	8.02	20.3310615	1.53E-01	105480792	105480915	NC_000011.9
cg06578800	1.81E-12	9.50E-14	8.02	20.3301714	5.62E-02	21368039	21368162	NC_000017.10
cg12065138	1.81E-12	9.50E-14	8.02	20.3296024	1.96E-01	4771201	4771324	NC_000001.10
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cg23493016	1.82E-12	9.59E-14	8.02	20.3207789	1.90E-01	106440778	106440901	NC_000010.10
cg00982919	1.83E-12	9.60E-14	8.02	20.3190411	1.91E-01	126775263	126775386	NC_000009.11

cg15183083	1.83E-12	9.61E-14	8.02	20.3178245	2.03E-01	30038310	30038433	NC_000011.9
cg06134471	1.83E-12	9.64E-14	8.02	20.315186	9.49E-02	51560134	51560257	NC_000014.8
cg10134509	1.84E-12	9.67E-14	8.02	20.3122512	5.84E-02	33171319	33171442	NC_000006.11
cg07441518	1.84E-12	9.70E-14	8.02	20.3095701	1.50E-01	31846849	31846972	NC_000011.9
cg04093932	1.85E-12	9.71E-14	8.02	20.3078776	2.04E-01	77179778	77179901	NC_000017.10
cg10778337	1.85E-12	9.74E-14	8.02	20.3048013	7.98E-02	8786784	8786907	NC_000003.11
cg19091245	1.86E-12	9.77E-14	8.02	20.3025056	9.46E-02	133508648	133508771	NC_000010.10
cg11291712	1.86E-12	9.77E-14	8.02	20.302074	8.07E-02	95328682	95328805	NC_000004.11
cg13207326	1.86E-12	9.78E-14	8.02	20.300757	1.76E-01	4860190	4860313	NC_000004.11
cg15245095	1.86E-12	9.78E-14	8.02	20.3005375	2.14E-01	79258438	79258561	NC_000012.11
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cg21419585	1.86E-12	9.80E-14	8.02	20.2994246	1.57E-01	118166117	118166240	NC_000001.10
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cg02764571	1.86E-12	9.80E-14	8.02	20.2990506	7.75E-02	42894332	42894455	NC_000005.9
cg09626193	1.86E-12	9.80E-14	8.02	20.2985819	1.96E-01	55370192	55370315	NC_000008.10
cg03366858	1.87E-12	9.83E-14	8.02	20.296153	1.02E-01	53742322	53742445	NC_000001.10
cg20416874	1.87E-12	9.85E-14	8.01	20.2943469	1.79E-01	8611966	8612089	NC_000001.10
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cg13102348	1.87E-12	9.85E-14	8.01	20.2936357	1.65E-01	97629221	97629344	NC_000015.9
cg21185686	1.87E-12	9.87E-14	8.01	20.2924257	1.93E-01	140810433	140810556	NC_000005.9
cg13875506	1.88E-12	9.91E-14	8.01	20.2878046	1.51E-01	16943573	16943696	NC_000011.9
cg19145710	1.89E-12	9.96E-14	8.01	20.283372	7.09E-02	36758130	36758253	NC_000002.11
cg04057238	1.90E-12	1.00E-13	8.01	20.2792361	6.71E-02	71713446	71713569	NC_000005.9
cg08370082	1.90E-12	1.00E-13	8.01	20.2780702	7.96E-02	196616876	196616999	NC_000003.11
cg23424003	1.90E-12	1.00E-13	8.01	20.2776903	1.98E-01	101006035	101006158	NC_000007.13

cg03625109	1.90E-12	1.00E-13	8.01	20.2776632	2.00E-01	122132103	122132226	NC_000009.11
cg00454862	1.90E-12	1.00E-13	8.01	20.2765489	1.45E-01	192983012	192983135	NC_000001.10
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cg15949044	1.91E-12	1.01E-13	8.01	20.2733618	2.06E-01	140864549	140864672	NC_000005.9
cg26708319	1.91E-12	1.01E-13	8.01	20.2719148	1.98E-01	111552040	111552163	NC_000004.11
cg20130213	1.91E-12	1.01E-13	8.01	20.2708561	2.27E-01	13934169	13934292	NC_000010.10
cg12511214	1.91E-12	1.01E-13	8.01	20.2703585	2.32E-01	40058293	40058416	NC_000022.10
cg09569850	1.91E-12	1.01E-13	8.01	20.2703092	1.70E-01	64955034	64955157	NC_000002.11
cg25391117	1.91E-12	1.01E-13	8.01	20.2693618	1.45E-01	34043284	34043407	NC_000005.9
cg24317827	1.92E-12	1.01E-13	8.01	20.2660617	1.10E-01	45106404	45106527	NC_000001.10
cg26336790	1.93E-12	1.02E-13	8.01	20.2620686	6.79E-02	1264568	1264691	NC_000005.9
cg10043865	1.94E-12	1.02E-13	8.01	20.2568806	3.14E-01	35294481	35294604	NC_000017.10
cg17422774	1.94E-12	1.02E-13	8.01	20.2562519	1.92E-01	124901928	124902051	NC_000010.10
cg13390101	1.94E-12	1.02E-13	8.01	20.2556891	7.23E-02	117557209	117557332	NC_000009.11
cg16042149	1.94E-12	1.02E-13	8.01	20.2554392	2.07E-01	29875947	29876070	NC_000022.10
cg12606911	1.94E-12	1.02E-13	8.01	20.2551701	1.82E-01	87036626	87036749	NC_000002.11
cg07837260	1.94E-12	1.03E-13	8.01	20.2536573	2.22E-01	19788564	19788687	NC_000009.11
cg11436222	1.95E-12	1.03E-13	8.01	20.2507792	9.09E-02	26225520	26225643	NC_000006.11
cg08835113	1.95E-12	1.03E-13	8.01	20.2505401	2.35E-01	96650192	96650315	NC_000007.13
cg08888487	1.95E-12	1.03E-13	8.01	20.2503113	1.14E-01	1124759	1124882	NC_000005.9
cg04005793	1.95E-12	1.03E-13	8.01	20.2487072	6.04E-02	56622893	56623016	NC_000012.11
cg27282264	1.96E-12	1.04E-13	8.01	20.2430637	2.04E-01	7353499	7353622	NC_000016.9
cg23469417	1.97E-12	1.04E-13	8.01	20.241114	1.02E-01	95041542	95041665	NC_000012.11
cg20805407	1.97E-12	1.04E-13	8.01	20.2381933	1.27E-01	156878319	156878442	NC_000001.10
cg09070142	1.97E-12	1.04E-13	8.01	20.2372548	1.49E-01	121532396	121532519	NC_000007.13



cg18541254	1.98E-12	1.05E-13	8	20.2330058	1.42E-01	112709550	112709673	NC_000013.10
cg15285250	1.98E-12	1.05E-13	8	20.2325472	2.25E-01	8482107	8482230	NC_000007.13
cg24876345	1.98E-12	1.05E-13	8	20.2324021	1.09E-01	56798053	56798176	NC_000004.11
cg13128937	1.98E-12	1.05E-13	8	20.2320128	1.76E-01	95357743	95357866	NC_000013.10
cg18023283	1.99E-12	1.05E-13	8	20.2289414	2.62E-01	85306828	85306951	NC_000012.11
cg15045292	1.99E-12	1.05E-13	8	20.2286125	1.27E-01	5403149	5403272	NC_000017.10
cg07213145	2.00E-12	1.06E-13	8	20.2238883	7.47E-02	72893945	72894068	NC_000016.9
cg15299997	2.00E-12	1.06E-13	8	20.2224257	8.58E-02	234620463	234620586	NC_000002.11
cg17453460	2.00E-12	1.06E-13	8	20.2222122	2.10E-01	118369423	118369546	NC_000010.10
cg07428136	2.00E-12	1.06E-13	8	20.221885	1.80E-01	46811492	46811615	NC_000017.10
cg10666926	2.01E-12	1.06E-13	8	20.2186797	6.66E-02	173945243	173945366	NC_000005.9
cg17786697	2.01E-12	1.07E-13	8	20.2169199	1.43E-01	122430509	122430632	NC_000005.9
cg04560225	2.01E-12	1.07E-13	8	20.2154004	1.94E-01	91195336	91195459	NC_000001.10
cg02855576	2.02E-12	1.07E-13	8	20.2143431	1.19E-01	153749964	153750087	NC_000007.13
cg07962620	2.02E-12	1.07E-13	8	20.2138562	8.00E-02	229415135	229415258	NC_000001.10
cg20077169	2.02E-12	1.07E-13	8	20.2130345	2.24E-02	71632188	71632311	NC_000003.11
cg11592503	2.02E-12	1.07E-13	8	20.2124541	2.30E-01	145813417	145813540	NC_000007.13
cg18682731	2.02E-12	1.07E-13	8	20.2114528	7.03E-02	134680867	134680990	NC_000010.10
cg24513224	2.02E-12	1.07E-13	8	20.2104712	1.92E-01	10102439	10102562	NC_000017.10
cg11192191	2.03E-12	1.08E-13	8	20.2066294	6.75E-02	69291998	69292121	NC_000011.9
cg01663016	2.03E-12	1.08E-13	8	20.2065742	2.42E-01	168727752	168727875	NC_000005.9
cg26624914	2.04E-12	1.08E-13	8	20.2018429	1.34E-01	33448382	33448505	NC_000009.11
cg27005794	2.04E-12	1.08E-13	8	20.2009938	2.38E-01	109746251	109746374	NC_000002.11
cg17371081	2.04E-12	1.08E-13	8	20.1996422	2.61E-01	20690957	20691080	NC_000011.9
cg18574396	2.04E-12	1.08E-13	8	20.1993942	6.69E-02	166245546	166245669	NC_000004.11

cg03392571	2.05E-12	1.09E-13	8	20.1956801	1.30E-01	46367939	46368062	NC_000021.8
cg20787173	2.05E-12	1.09E-13	8	20.1942775	1.90E-01	133562475	133562598	NC_000006.11
cg11325970	2.06E-12	1.09E-13	8	20.1913987	1.68E-01	87979642	87979765	NC_000005.9
cg18278744	2.07E-12	1.10E-13	8	20.1848766	3.38E-02	32085092	32085215	NC_000006.11
cg03501539	2.08E-12	1.10E-13	8	20.1833977	2.06E-01	114760598	114760721	NC_000011.9
cg25371634	2.08E-12	1.10E-13	8	20.1829743	2.09E-01	176981422	176981545	NC_000002.11
cg09246749	2.08E-12	1.10E-13	8	20.1822687	4.40E-02	79926242	79926365	NC_000006.11
cg00250743	2.08E-12	1.10E-13	8	20.1816688	7.38E-02	123264130	123264253	NC_000010.10
cg15265085	2.09E-12	1.11E-13	8	20.1768693	1.83E-01	32064588	32064711	NC_000006.11
cg26339943	2.09E-12	1.11E-13	7.99	20.1748401	1.34E-01	145571234	145571357	NC_000004.11
cg17926940	2.10E-12	1.11E-13	7.99	20.1733602	2.24E-01	97685060	97685183	NC_000014.8
cg08083009	2.10E-12	1.11E-13	7.99	20.1732486	4.87E-02	123826474	123826597	NC_000012.11
cg09548051	2.10E-12	1.12E-13	7.99	20.1716527	2.24E-01	1286324	1286447	NC_000007.13
cg08506931	2.11E-12	1.12E-13	7.99	20.1674838	1.58E-01	223168861	223168984	NC_000002.11
cg17974166	2.11E-12	1.12E-13	7.99	20.1661375	1.68E-01	23280069	23280192	NC_000001.10
cg09187936	2.11E-12	1.12E-13	7.99	20.1646664	7.43E-02	122268950	122269073	NC_000012.11
cg02173970	2.12E-12	1.12E-13	7.99	20.163963	1.38E-01	134723505	134723628	NC_000010.10
cg13208438	2.12E-12	1.13E-13	7.99	20.1604486	1.70E-01	78296041	78296164	NC_000015.9
cg24411961	2.13E-12	1.13E-13	7.99	20.1575326	1.59E-01	34642396	34642519	NC_000001.10
cg24804195	2.13E-12	1.13E-13	7.99	20.1559902	2.16E-01	87968844	87968967	NC_000005.9
cg17669334	2.13E-12	1.13E-13	7.99	20.1555101	8.96E-02	22474634	22474757	NC_000007.13
cg03789420	2.14E-12	1.14E-13	7.99	20.1534481	2.25E-01	159141717	159141840	NC_000001.10
cg21844856	2.14E-12	1.14E-13	7.99	20.153228	1.72E-01	75896645	75896768	NC_000008.10
cg12531838	2.14E-12	1.14E-13	7.99	20.1526533	1.35E-01	531914	532037	NC_000010.10
cg12541478	2.14E-12	1.14E-13	7.99	20.1526068	1.59E-01	52444020	52444143	NC_000012.11

cg16391955	2.14E-12	1.14E-13	7.99	20.1508161	1.69E-01	50881185	50881308	NC_000001.10
cg04980590	2.14E-12	1.14E-13	7.99	20.1492659	1.79E-01	3590820	3590943	NC_000005.9
cg22175873	2.14E-12	1.14E-13	7.99	20.1489564	1.72E-01	140801482	140801605	NC_000005.9
cg19716643	2.15E-12	1.14E-13	7.99	20.1465952	1.90E-01	52735026	52735149	NC_000014.8
cg02157467	2.15E-12	1.14E-13	7.99	20.1459002	1.87E-01	36004888	36005011	NC_000014.8
cg09229061	2.15E-12	1.15E-13	7.99	20.1452405	9.89E-02	29789103	29789226	NC_000016.9
cg08550785	2.15E-12	1.15E-13	7.99	20.1445189	2.55E-01	104513909	104514032	NC_000008.10
cg19463199	2.16E-12	1.15E-13	7.99	20.1437507	1.24E-01	197401858	197401981	NC_000003.11
cg15706424	2.16E-12	1.15E-13	7.99	20.1428488	1.31E-01	469781	469904	NC_000002.11
cg03399271	2.16E-12	1.15E-13	7.99	20.141764	2.24E-01	56228385	56228508	NC_000016.9
cg00983904	2.16E-12	1.15E-13	7.99	20.1416077	2.07E-01	6665288	6665411	NC_000012.11
cg26731327	2.16E-12	1.15E-13	7.99	20.1407739	2.25E-01	143591819	143591942	NC_000008.10
cg07014523	2.16E-12	1.15E-13	7.99	20.1401854	2.09E-01	50721313	50721436	NC_000020.10
cg11314569	2.17E-12	1.15E-13	7.99	20.1384233	1.47E-01	33419158	33419281	NC_000017.10
cg01385679	2.17E-12	1.15E-13	7.99	20.1377066	1.32E-01	45033155	45033278	NC_000020.10
cg17078253	2.17E-12	1.16E-13	7.99	20.1349295	1.95E-01	176944273	176944396	NC_000002.11
cg03797660	2.18E-12	1.16E-13	7.99	20.1336087	8.24E-02	89035228	89035351	NC_000016.9
cg04268624	2.18E-12	1.16E-13	7.99	20.1313032	1.87E-01	43037285	43037408	NC_000005.9
cg21988465	2.18E-12	1.16E-13	7.99	20.1303208	1.09E-01	57429277	57429400	NC_000020.10
cg01119875	2.18E-12	1.16E-13	7.99	20.1297191	1.54E-01	159737324	159737447	NC_000005.9
cg10604993	2.18E-12	1.16E-13	7.99	20.1294679	4.69E-02	33255569	33255692	NC_000006.11
cg07965326	2.18E-12	1.16E-13	7.99	20.1291781	1.02E-01	157522398	157522521	NC_000006.11
cg10804656	2.18E-12	1.16E-13	7.99	20.1291643	1.25E-01	22623460	22623583	NC_000010.10
cg13667638	2.19E-12	1.16E-13	7.99	20.128613	1.80E-01	5831147	5831270	NC_000002.11
cg19792599	2.19E-12	1.17E-13	7.99	20.1264864	1.85E-01	125774406	125774529	NC_000011.9

cg20669572	2.19E-12	1.17E-13	7.99	20.1255828	1.08E-01	140773483	140773606	NC_000009.11
cg06594404	2.19E-12	1.17E-13	7.99	20.1246301	1.89E-01	380396	380519	NC_000004.11
cg04012266	2.20E-12	1.17E-13	7.99	20.1218571	2.35E-01	20522384	20522507	NC_000012.11
cg08758887	2.20E-12	1.17E-13	7.99	20.1209952	1.31E-01	154373479	154373602	NC_000004.11
cg13707729	2.21E-12	1.18E-13	7.99	20.1183301	7.95E-02	123326490	123326613	NC_000010.10
cg24161311	2.21E-12	1.18E-13	7.99	20.116073	4.68E-02	69407863	69407986	NC_000011.9
cg13706544	2.21E-12	1.18E-13	7.99	20.1157381	1.71E-01	103969268	103969391	NC_000007.13
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cg09447924	2.22E-12	1.18E-13	7.98	20.1137508	6.82E-02	48697823	48697946	NC_000003.11
cg25825488	2.22E-12	1.18E-13	7.98	20.1132581	2.28E-01	15761876	15761999	NC_000010.10
cg06159603	2.22E-12	1.18E-13	7.98	20.1119385	2.41E-02	122526836	122526959	NC_000007.13
cg13400168	2.22E-12	1.19E-13	7.98	20.1114995	1.92E-01	54481620	54481743	NC_000019.9
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cg14917589	2.23E-12	1.19E-13	7.98	20.105976	6.42E-02	31692760	31692883	NC_000006.11
cg19029181	2.24E-12	1.19E-13	7.98	20.1044136	1.65E-01	147130536	147130659	NC_000003.11
cg01412518	2.24E-12	1.19E-13	7.98	20.1042539	8.43E-02	3456118	3456241	NC_000001.10
cg10451262	2.24E-12	1.20E-13	7.98	20.1026509	1.47E-01	124284176	124284299	NC_000008.10
cg04744409	2.24E-12	1.20E-13	7.98	20.1021307	1.58E-01	105388191	105388314	NC_000006.11
cg10052561	2.25E-12	1.20E-13	7.98	20.0991953	1.87E-01	40137185	40137308	NC_000001.10
cg26973414	2.25E-12	1.20E-13	7.98	20.0984423	1.38E-01	169290629	169290752	NC_000006.11
cg12847240	2.26E-12	1.21E-13	7.98	20.0933224	1.20E-01	10382088	10382211	NC_000006.11
cg00803827	2.27E-12	1.21E-13	7.98	20.0887995	1.76E-01	43393846	43393969	NC_000010.10
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cg06428196	2.29E-12	1.22E-13	7.98	20.0805591	1.43E-01	19338174	19338297	NC_000002.11

cg07931391	2.29E-12	1.22E-13	7.98	20.0803495	2.50E-01	100608263	100608386	NC_000013.10
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cg21656751	2.29E-12	1.22E-13	7.98	20.0797392	1.75E-01	43153201	43153324	NC_000007.13
cg23557906	2.30E-12	1.23E-13	7.98	20.0737187	1.15E-01	467112	467235	NC_000002.11
cg23248357	2.31E-12	1.23E-13	7.98	20.0729525	1.75E-01	2755376	2755499	NC_000005.9
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cg04206351	2.31E-12	1.23E-13	7.98	20.0711085	1.47E-01	49582375	49582498	NC_000011.9
cg18673954	2.31E-12	1.23E-13	7.98	20.0710461	2.39E-01	105036611	105036734	NC_000010.10
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cg10877086	2.32E-12	1.24E-13	7.98	20.0655811	1.54E-01	114881844	114881967	NC_000012.11
cg07379550	2.32E-12	1.24E-13	7.98	20.0651039	1.86E-01	227204743	227204866	NC_000001.10
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cg08806153	2.33E-12	1.25E-13	7.98	20.0605852	1.79E-01	176971961	176972084	NC_000002.11
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cg18656708	2.34E-12	1.25E-13	7.98	20.0566637	1.11E-01	153859973	153860096	NC_000005.9
cg03583979	2.34E-12	1.25E-13	7.98	20.0557567	1.53E-01	3032345	3032468	NC_000001.10
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cg10096177	2.35E-12	1.26E-13	7.98	20.054922	2.75E-01	103889516	103889639	NC_000012.11
cg02085786	2.35E-12	1.26E-13	7.97	20.0532213	1.11E-01	16797770	16797893	NC_000007.13
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cg24617504	2.36E-12	1.26E-13	7.97	20.0495507	1.24E-01	155164762	155164885	NC_000007.13
cg09221951	2.36E-12	1.26E-13	7.97	20.0482548	1.07E-01	224543865	224543988	NC_000001.10
cg22894301	2.36E-12	1.26E-13	7.97	20.0473482	1.60E-01	147077665	147077788	NC_000003.11
cg21200539	2.36E-12	1.27E-13	7.97	20.0468434	2.47E-01	147562073	147562196	NC_000004.11
cg07814886	2.37E-12	1.27E-13	7.97	20.0447581	9.94E-02	36086032	36086155	NC_000007.13

cg12614105	2.37E-12	1.27E-13	7.97	20.0431605	2.02E-01	24324435	24324558	NC_000007.13
cg00590139	2.38E-12	1.27E-13	7.97	20.0411938	2.50E-01	7354254	7354377	NC_000016.9
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cg16580499	2.38E-12	1.27E-13	7.97	20.0408876	1.79E-01	76739559	76739682	NC_000018.9
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cg00532157	2.38E-12	1.27E-13	7.97	20.0400083	2.31E-01	178771329	178771452	NC_000005.9
cg24696183	2.38E-12	1.28E-13	7.97	20.0393106	1.28E-01	2891360	2891483	NC_000011.9
cg07092985	2.38E-12	1.28E-13	7.97	20.0378804	1.01E-01	55533887	55534010	NC_000008.10
cg03983336	2.38E-12	1.28E-13	7.97	20.0375917	1.39E-01	108602542	108602665	NC_000002.11
cg01686617	2.38E-12	1.28E-13	7.97	20.0374953	3.42E-02	4127256	4127379	NC_000020.10
cg05257275	2.39E-12	1.28E-13	7.97	20.0363885	1.39E-01	65547049	65547172	NC_000011.9
cg18143296	2.39E-12	1.28E-13	7.97	20.0361471	1.71E-01	157812763	157812886	NC_000003.11
cg11644479	2.39E-12	1.28E-13	7.97	20.0356952	1.07E-01	2292914	2293037	NC_000011.9
cg14644846	2.39E-12	1.28E-13	7.97	20.0354444	1.55E-01	128073866	128073989	NC_000003.11
cg11385338	2.39E-12	1.28E-13	7.97	20.0348674	1.54E-01	63250817	63250940	NC_000007.13
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cg19846622	2.39E-12	1.28E-13	7.97	20.0332978	1.25E-01	4859960	4860083	NC_000004.11
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cg12079322	2.40E-12	1.29E-13	7.97	20.0303976	2.74E-01	154728468	154728591	NC_000002.11
cg22336004	2.40E-12	1.29E-13	7.97	20.0288803	2.11E-01	66258035	66258158	NC_000001.10
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cg12948543	2.40E-12	1.29E-13	7.97	20.0285141	7.38E-02	105851564	105851687	NC_000014.8
cg11947423	2.41E-12	1.29E-13	7.97	20.0248615	8.12E-02	42329660	42329783	NC_000008.10
cg06010588	2.42E-12	1.30E-13	7.97	20.0233562	2.18E-01	35092876	35092999	NC_000008.10
cg16172031	2.42E-12	1.30E-13	7.97	20.021035	7.79E-02	39718940	39719063	NC_000022.10

cg27645345	2.43E-12	1.30E-13	7.97	20.0176451	1.02E-01	31829840	31829963	NC_000006.11
cg09221269	2.43E-12	1.30E-13	7.97	20.017571	1.88E-02	36402132	36402255	NC_000021.8
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cg10656664	2.43E-12	1.31E-13	7.97	20.014781	6.09E-02	853447	853570	NC_000005.9
cg21547690	2.44E-12	1.31E-13	7.97	20.0130409	1.86E-01	42077327	42077450	NC_000014.8
cg18323912	2.45E-12	1.31E-13	7.97	20.0102169	2.65E-01	42994709	42994832	NC_000005.9
cg09636024	2.45E-12	1.31E-13	7.97	20.0096915	5.95E-02	1067228	1067351	NC_000017.10
cg26476173	2.45E-12	1.32E-13	7.97	20.0074283	1.25E-01	48334459	48334582	NC_000016.9
cg02505681	2.45E-12	1.32E-13	7.97	20.0071537	9.91E-02	39615285	39615408	NC_000019.9
cg16318253	2.46E-12	1.32E-13	7.97	20.0054112	1.45E-01	75377474	75377597	NC_000018.9
cg05771459	2.46E-12	1.32E-13	7.97	20.0045986	1.22E-01	144994318	144994441	NC_000001.10
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cg06641366	2.49E-12	1.34E-13	7.96	19.9911633	2.12E-01	90097604	90097727	NC_000001.10
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cg13631916	2.50E-12	1.35E-13	7.96	19.9860338	2.54E-01	117086931	117087054	NC_000006.11
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cg15845792	2.51E-12	1.35E-13	7.96	19.9824934	2.15E-01	28175446	28175569	NC_000006.11
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cg22637867	2.52E-12	1.36E-13	7.96	19.9791699	1.71E-01	12624466	12624589	NC_000019.9
cg12219082	2.52E-12	1.36E-13	7.96	19.9789693	2.13E-01	68981854	68981977	NC_000003.11
cg01064265	2.52E-12	1.36E-13	7.96	19.9779891	2.09E-01	55363058	55363181	NC_000016.9
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cg25942940	2.52E-12	1.36E-13	7.96	19.9763141	6.43E-02	8270645	8270768	NC_000001.10
cg21222350	2.53E-12	1.36E-13	7.96	19.9742516	1.36E-01	127602615	127602738	NC_000009.11
cg23332586	2.54E-12	1.37E-13	7.96	19.970841	1.21E-01	49042468	49042591	NC_000022.10
cg06040811	2.54E-12	1.37E-13	7.96	19.9702206	1.63E-01	88018605	88018728	NC_000005.9
cg21678461	2.54E-12	1.37E-13	7.96	19.9687798	2.02E-01	20180700	20180823	NC_000011.9
cg27539806	2.55E-12	1.37E-13	7.96	19.9666012	3.66E-02	88829700	88829823	NC_000016.9
cg18501647	2.55E-12	1.37E-13	7.96	19.9654002	9.82E-02	32117379	32117502	NC_000006.11
cg14602530	2.55E-12	1.38E-13	7.96	19.9645146	1.93E-01	4859772	4859895	NC_000004.11
cg19048251	2.55E-12	1.38E-13	7.96	19.9643551	1.78E-01	119311636	119311759	NC_000010.10
cg02624701	2.56E-12	1.38E-13	7.96	19.9625351	1.47E-01	49937176	49937299	NC_000019.9
cg03726556	2.56E-12	1.38E-13	7.96	19.9615034	1.57E-01	119607379	119607502	NC_000002.11
cg02022733	2.56E-12	1.38E-13	7.96	19.9614038	1.83E-01	140864578	140864701	NC_000005.9
cg09011256	2.56E-12	1.38E-13	7.96	19.9605991	7.68E-02	37074631	37074754	NC_000020.10
cg06475633	2.56E-12	1.38E-13	7.96	19.9599585	2.00E-01	3805065	3805188	NC_000017.10
cg16606320	2.56E-12	1.38E-13	7.96	19.9599573	1.97E-01	56685972	56686095	NC_000004.11
cg09695430	2.56E-12	1.38E-13	7.96	19.9596651	1.58E-01	32447944	32448067	NC_000011.9
cg05347158	2.57E-12	1.38E-13	7.96	19.9591039	5.29E-02	32148832	32148955	NC_000001.10
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cg18369516	2.59E-12	1.39E-13	7.96	19.9511868	1.76E-01	62406721	62406844	NC_000020.10
cg02969141	2.59E-12	1.39E-13	7.96	19.9509478	2.16E-01	15727598	15727721	NC_000007.13



cg09840386	2.60E-12	1.40E-13	7.96	19.9461207	1.50E-01	79058751	79058874	NC_000017.10
cg04606861	2.61E-12	1.41E-13	7.96	19.9419559	1.49E-01	132905735	132905858	NC_000012.11
cg09010107	2.61E-12	1.41E-13	7.96	19.9416132	1.90E-01	170638807	170638930	NC_000001.10
cg13641591	2.61E-12	1.41E-13	7.96	19.9411179	1.46E-01	75528534	75528657	NC_000011.9
cg06821075	2.61E-12	1.41E-13	7.96	19.9404684	7.81E-02	99933209	99933332	NC_000010.10
cg16718710	2.61E-12	1.41E-13	7.96	19.9400627	8.76E-02	2249145	2249268	NC_000004.11
cg12253830	2.62E-12	1.42E-13	7.96	19.9359546	2.05E-01	22487668	22487791	NC_000012.11
cg16705627	2.62E-12	1.42E-13	7.96	19.9356747	1.60E-01	112721950	112722073	NC_000013.10
cg22002216	2.62E-12	1.42E-13	7.96	19.9353969	6.66E-02	48502923	48503046	NC_000017.10
cg12368612	2.63E-12	1.42E-13	7.96	19.9348356	1.71E-01	115135999	115136122	NC_000012.11
cg15143788	2.63E-12	1.42E-13	7.95	19.9335672	1.53E-01	92909434	92909557	NC_000005.9
cg18609078	2.63E-12	1.42E-13	7.95	19.9333912	1.67E-01	13538807	13538930	NC_000004.11
cg24154271	2.63E-12	1.42E-13	7.95	19.9326675	1.17E-01	140957775	140957898	NC_000006.11
cg03302801	2.63E-12	1.42E-13	7.95	19.932559	8.15E-02	241567835	241567958	NC_000002.11
cg18007463	2.63E-12	1.42E-13	7.95	19.9322411	2.14E-01	166795913	166796036	NC_000004.11
cg11725101	2.63E-12	1.42E-13	7.95	19.9319122	8.46E-02	148739457	148739580	NC_000001.10
cg00602326	2.64E-12	1.42E-13	7.95	19.9308852	8.46E-02	31427700	31427823	NC_000005.9
cg09887220	2.64E-12	1.42E-13	7.95	19.9305195	1.47E-01	95356202	95356325	NC_000013.10
cg15602633	2.64E-12	1.43E-13	7.95	19.9277242	6.03E-02	134698661	134698784	NC_000010.10
cg15576918	2.64E-12	1.43E-13	7.95	19.9274499	1.22E-01	45834369	45834492	NC_000003.11
cg16894439	2.64E-12	1.43E-13	7.95	19.927351	7.90E-02	228634806	228634929	NC_000001.10
cg14623754	2.65E-12	1.43E-13	7.95	19.9266457	1.06E-01	117228122	117228245	NC_000009.11
cg25645268	2.65E-12	1.43E-13	7.95	19.9236901	2.18E-01	154710598	154710721	NC_000004.11
cg04658615	2.66E-12	1.44E-13	7.95	19.9224961	8.56E-02	53181709	53181832	NC_000006.11
cg20882455	2.66E-12	1.44E-13	7.95	19.9222868	8.76E-02	107777859	107777982	NC_000006.11

cg02719956	2.67E-12	1.44E-13	7.95	19.9172512	5.33E-02	306324	306447	NC_000011.9
cg21147648	2.67E-12	1.45E-13	7.95	19.9157836	1.27E-01	68118964	68119087	NC_000015.9
cg02357541	2.67E-12	1.45E-13	7.95	19.9151802	1.61E-01	127769619	127769742	NC_000003.11
cg09698471	2.68E-12	1.45E-13	7.95	19.914032	1.43E-01	63257847	63257970	NC_000005.9
cg09077319	2.68E-12	1.45E-13	7.95	19.9137361	1.04E-01	69285899	69286022	NC_000011.9
cg14213517	2.68E-12	1.45E-13	7.95	19.9134906	7.49E-02	102972205	102972328	NC_000002.11
cg16656232	2.71E-12	1.46E-13	7.95	19.9026408	6.36E-02	167543888	167544011	NC_000005.9
cg05346963	2.71E-12	1.46E-13	7.95	19.9024325	8.82E-02	77892772	77892895	NC_000004.11
cg26885268	2.71E-12	1.47E-13	7.95	19.9004809	1.58E-01	149389941	149390064	NC_000007.13
cg26383057	2.72E-12	1.47E-13	7.95	19.899612	6.57E-02	168591386	168591509	NC_000006.11
cg18550381	2.72E-12	1.47E-13	7.95	19.8977344	1.55E-01	97844391	97844514	NC_000007.13
cg21587238	2.72E-12	1.47E-13	7.95	19.8976328	2.14E-01	42953590	42953713	NC_000005.9
cg09656363	2.72E-12	1.47E-13	7.95	19.8972847	1.21E-01	53775035	53775158	NC_000013.10
cg26019584	2.73E-12	1.48E-13	7.95	19.8940378	1.18E-01	1302689	1302812	NC_000019.9
cg21591742	2.73E-12	1.48E-13	7.95	19.8935539	2.28E-01	176980998	176981121	NC_000002.11
cg21815337	2.74E-12	1.48E-13	7.95	19.8913817	1.21E-01	4348344	4348467	NC_000003.11
cg24724664	2.74E-12	1.48E-13	7.95	19.8911437	1.46E-01	172945383	172945506	NC_000002.11
cg14208839	2.74E-12	1.48E-13	7.95	19.8907694	2.60E-02	128080980	128081103	NC_000003.11
cg18361098	2.76E-12	1.49E-13	7.95	19.8836822	2.03E-01	37136391	37136514	NC_000014.8
cg15965134	2.76E-12	1.49E-13	7.95	19.8831984	1.53E-01	137480671	137480794	NC_000003.11
cg22850587	2.76E-12	1.49E-13	7.95	19.8831267	1.74E-01	4867638	4867761	NC_000004.11
cg05290780	2.77E-12	1.50E-13	7.95	19.8788108	1.56E-01	39609377	39609500	NC_000013.10
cg15760257	2.78E-12	1.51E-13	7.95	19.8753594	2.86E-01	26699169	26699292	NC_000017.10
cg25585712	2.79E-12	1.51E-13	7.94	19.8709141	1.77E-01	41869213	41869336	NC_000004.11
cg14419187	2.79E-12	1.51E-13	7.94	19.8699264	2.42E-01	210637094	210637217	NC_000002.11

cg04508575	2.80E-12	1.52E-13	7.94	19.8670357	1.27E-01	31323107	31323230	NC_000005.9
cg26140120	2.80E-12	1.52E-13	7.94	19.8662143	1.25E-01	124219575	124219698	NC_000008.10
cg17391620	2.81E-12	1.52E-13	7.94	19.8653682	1.16E-01	31734471	31734594	NC_000006.11
cg06567373	2.81E-12	1.52E-13	7.94	19.86439	1.45E-01	102483843	102483966	NC_000010.10
cg13921352	2.81E-12	1.52E-13	7.94	19.8633993	2.45E-01	68981890	68982013	NC_000003.11
cg05349062	2.81E-12	1.53E-13	7.94	19.8624231	2.25E-01	74741853	74741976	NC_000002.11
cg16665335	2.81E-12	1.53E-13	7.94	19.8618894	2.82E-02	205775	205898	NC_000005.9
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cg23504022	2.82E-12	1.53E-13	7.94	19.8595111	2.96E-02	35227391	35227514	NC_000006.11
cg05458079	2.83E-12	1.53E-13	7.94	19.8568113	2.62E-01	68119521	68119644	NC_000015.9
cg27323784	2.83E-12	1.54E-13	7.94	19.8551792	2.36E-01	116451730	116451853	NC_000011.9
cg15235999	2.83E-12	1.54E-13	7.94	19.8546037	1.92E-01	52996352	52996475	NC_000019.9
cg27443071	2.84E-12	1.54E-13	7.94	19.853587	1.92E-01	190939090	190939213	NC_000004.11
cg25092838	2.84E-12	1.54E-13	7.94	19.851486	1.99E-01	57279115	57279238	NC_000014.8
cg02151120	2.84E-12	1.54E-13	7.94	19.8504303	1.08E-01	71724287	71724410	NC_000011.9
cg15412759	2.85E-12	1.55E-13	7.94	19.8490221	2.27E-01	50683213	50683336	NC_000006.11
cg02165355	2.85E-12	1.55E-13	7.94	19.8478296	2.14E-01	178368071	178368194	NC_000005.9
cg27633530	2.86E-12	1.55E-13	7.94	19.8454101	2.35E-01	50344294	50344417	NC_000007.13
cg07033624	2.86E-12	1.55E-13	7.94	19.8448873	1.77E-01	112716623	112716746	NC_000013.10
cg07251046	2.86E-12	1.55E-13	7.94	19.8446997	1.26E-01	97791023	97791146	NC_000012.11
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cg15829969	2.86E-12	1.55E-13	7.94	19.8439108	1.33E-01	147801025	147801148	NC_000001.10
cg06936155	2.87E-12	1.56E-13	7.94	19.8404818	1.43E-01	91192451	91192574	NC_000001.10
cg25937155	2.88E-12	1.56E-13	7.94	19.8376414	4.46E-02	20408772	20408895	NC_000017.10

cg01391022	2.88E-12	1.57E-13	7.94	19.8370319	8.26E-02	122360665	122360788	NC_000012.11
cg10057940	2.89E-12	1.57E-13	7.94	19.8352954	1.63E-01	6805506	6805629	NC_000010.10
cg03227184	2.89E-12	1.57E-13	7.94	19.8344286	2.55E-01	122686432	122686555	NC_000004.11
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cg21894728	2.89E-12	1.57E-13	7.94	19.8329578	8.68E-02	47453656	47453779	NC_000021.8
cg19394047	2.89E-12	1.57E-13	7.94	19.8329083	1.57E-01	131223487	131223610	NC_000010.10
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cg21390082	2.91E-12	1.58E-13	7.94	19.8264068	1.36E-01	33842255	33842378	NC_000017.10
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cg26623263	2.94E-12	1.60E-13	7.94	19.8149232	4.77E-02	202987140	202987263	NC_000002.11
cg03731131	2.95E-12	1.60E-13	7.93	19.813203	1.54E-01	44278274	44278397	NC_000019.9
cg22327646	2.95E-12	1.60E-13	7.93	19.8129136	1.85E-01	114878570	114878693	NC_000012.11
cg15800975	2.95E-12	1.61E-13	7.93	19.8111878	1.54E-01	21541652	21541775	NC_000013.10
cg09465698	2.96E-12	1.61E-13	7.93	19.8082337	1.88E-01	140787623	140787746	NC_000005.9
cg06772736	2.97E-12	1.62E-13	7.93	19.8062069	7.64E-02	93397394	93397517	NC_000012.11
cg01843946	2.97E-12	1.62E-13	7.93	19.8049762	1.64E-01	37124434	37124557	NC_000014.8
cg23462956	2.97E-12	1.62E-13	7.93	19.804883	1.72E-01	61119262	61119385	NC_000014.8
cg18895476	2.98E-12	1.62E-13	7.93	19.8009383	7.89E-02	26962071	26962194	NC_000022.10
cg18185554	2.99E-12	1.63E-13	7.93	19.7998993	1.68E-01	103294574	103294697	NC_000014.8
cg19475108	2.99E-12	1.63E-13	7.93	19.799588	4.05E-02	33758486	33758609	NC_000020.10
cg22473973	3.00E-12	1.63E-13	7.93	19.7964316	2.38E-01	133794911	133795034	NC_000010.10
cg11934170	3.00E-12	1.63E-13	7.93	19.7958433	1.65E-01	155254326	155254449	NC_000004.11
cg24054525	3.00E-12	1.63E-13	7.93	19.7950291	6.00E-02	49685846	49685969	NC_000019.9

cg15403900	3.00E-12	1.63E-13	7.93	19.7941727	1.09E-01	85667849	85667972	NC_000016.9
cg20146105	3.00E-12	1.64E-13	7.93	19.7940307	7.94E-02	205547082	205547205	NC_000001.10
cg20690922	3.00E-12	1.64E-13	7.93	19.7940072	1.24E-01	74498083	74498206	NC_000017.10
cg14214262	3.00E-12	1.64E-13	7.93	19.7930971	1.64E-01	114843188	114843311	NC_000012.11
cg13523818	3.01E-12	1.64E-13	7.93	19.7924107	9.25E-02	19371900	19372023	NC_000019.9
cg23030069	3.01E-12	1.64E-13	7.93	19.7911173	2.35E-01	2162183	2162306	NC_000011.9
cg05703996	3.01E-12	1.64E-13	7.93	19.790679	1.67E-01	335830	335953	NC_000016.9
cg00574913	3.01E-12	1.64E-13	7.93	19.7900148	1.09E-01	13761579	13761702	NC_000020.10
cg26324366	3.01E-12	1.64E-13	7.93	19.7898606	1.19E-01	99283652	99283775	NC_000006.11
cg25740301	3.01E-12	1.64E-13	7.93	19.7896526	4.38E-02	128403710	128403833	NC_000002.11
cg11605835	3.03E-12	1.65E-13	7.93	19.7856001	1.65E-01	3597695	3597818	NC_000005.9
cg15307022	3.03E-12	1.65E-13	7.93	19.7848083	1.21E-01	108675287	108675410	NC_000011.9
cg03430846	3.03E-12	1.65E-13	7.93	19.7830001	2.28E-01	31497082	31497205	NC_000008.10
cg05735547	3.06E-12	1.67E-13	7.93	19.7751555	7.42E-02	41830291	41830414	NC_000017.10
cg21718267	3.06E-12	1.67E-13	7.93	19.7743419	2.02E-01	113916473	113916596	NC_000012.11
cg26631178	3.07E-12	1.67E-13	7.93	19.7721514	4.46E-02	45773680	45773803	NC_000017.10
cg11837391	3.07E-12	1.68E-13	7.93	19.7690748	7.28E-02	128199781	128199904	NC_000003.11
cg09943716	3.08E-12	1.68E-13	7.93	19.7679825	1.98E-01	55202236	55202359	NC_000020.10
cg00366037	3.09E-12	1.68E-13	7.93	19.7656087	1.68E-01	76781121	76781244	NC_000010.10
cg14508508	3.09E-12	1.69E-13	7.93	19.7640857	1.70E-01	27113322	27113445	NC_000015.9
cg16492597	3.09E-12	1.69E-13	7.93	19.7626032	1.68E-01	133332095	133332218	NC_000005.9
cg04476839	3.10E-12	1.69E-13	7.93	19.7605796	5.99E-02	66014369	66014492	NC_000012.11
cg01718322	3.11E-12	1.70E-13	7.93	19.7565672	2.22E-01	96342365	96342488	NC_000014.8
cg10415122	3.11E-12	1.70E-13	7.93	19.7565632	4.87E-02	75981489	75981612	NC_000015.9
cg19773855	3.13E-12	1.71E-13	7.92	19.7502811	1.97E-01	172754417	172754540	NC_000005.9

cg14636534	3.13E-12	1.71E-13	7.92	19.7499845	1.80E-01	87968528	87968651	NC_000005.9
cg13103303	3.13E-12	1.71E-13	7.92	19.7493805	2.69E-01	71955113	71955236	NC_000011.9
cg06095631	3.13E-12	1.71E-13	7.92	19.749115	3.24E-02	4230707	4230830	NC_000010.10
cg16257051	3.14E-12	1.71E-13	7.92	19.7480895	2.03E-01	153862183	153862306	NC_000005.9
cg04656327	3.14E-12	1.72E-13	7.92	19.7467801	7.57E-02	58505303	58505426	NC_000020.10
cg04842472	3.14E-12	1.72E-13	7.92	19.7465349	8.68E-02	39872851	39872974	NC_000007.13
cg04003051	3.16E-12	1.72E-13	7.92	19.741811	7.11E-02	1219430	1219553	NC_000016.9
cg20954460	3.16E-12	1.73E-13	7.92	19.7410307	9.30E-02	239594118	239594241	NC_000002.11
cg19793376	3.16E-12	1.73E-13	7.92	19.7407789	1.97E-01	135462522	135462645	NC_000009.11
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cg18689958	3.16E-12	1.73E-13	7.92	19.7395497	2.57E-01	33936232	33936355	NC_000005.9
cg26387689	3.17E-12	1.73E-13	7.92	19.7380476	1.92E-01	20521814	20521937	NC_000012.11
cg19622581	3.18E-12	1.74E-13	7.92	19.7352383	4.40E-02	3305106	3305229	NC_000011.9
cg17928883	3.18E-12	1.74E-13	7.92	19.7344517	1.85E-01	2038528	2038651	NC_000005.9
cg05842480	3.18E-12	1.74E-13	7.92	19.7338708	1.84E-01	7795192	7795315	NC_000019.9
cg01994205	3.18E-12	1.74E-13	7.92	19.7333173	2.01E-01	79177467	79177590	NC_000013.10
cg20291855	3.19E-12	1.74E-13	7.92	19.7312739	2.15E-01	13524143	13524266	NC_000004.11
cg26174583	3.19E-12	1.74E-13	7.92	19.7303656	1.30E-01	1392624	1392747	NC_000006.11
cg04267526	3.19E-12	1.74E-13	7.92	19.7300127	1.70E-01	109674297	109674420	NC_000010.10
cg05787556	3.20E-12	1.75E-13	7.92	19.7283622	1.48E-01	170735186	170735309	NC_000005.9
cg00618450	3.21E-12	1.75E-13	7.92	19.7242707	1.81E-01	26565951	26566074	NC_000022.10
cg25889711	3.23E-12	1.76E-13	7.92	19.7188745	1.53E-01	102473609	102473732	NC_000010.10
cg20375342	3.23E-12	1.77E-13	7.92	19.7179876	2.28E-01	68981895	68982018	NC_000003.11
cg07618462	3.23E-12	1.77E-13	7.92	19.7170711	9.74E-02	142499847	142499970	NC_000005.9
cg16421616	3.23E-12	1.77E-13	7.92	19.716184	8.02E-02	151444499	151444622	NC_000002.11

cg02621130	3.24E-12	1.77E-13	7.92	19.7144238	1.75E-01	166267729	166267852	NC_000006.11
cg06497612	3.24E-12	1.77E-13	7.92	19.7135693	7.44E-02	239140610	239140733	NC_000002.11
cg16660899	3.24E-12	1.77E-13	7.92	19.7135239	6.81E-02	167095593	167095716	NC_000001.10
cg23008238	3.24E-12	1.78E-13	7.92	19.7129405	2.25E-01	2112459	2112582	NC_000005.9
cg01479738	3.25E-12	1.78E-13	7.92	19.7107898	5.87E-02	60741560	60741683	NC_000013.10
cg22300619	3.25E-12	1.78E-13	7.92	19.7097944	1.31E-01	40699809	40699932	NC_000017.10
cg25682299	3.26E-12	1.78E-13	7.92	19.7078957	1.56E-01	79177886	79178009	NC_000013.10
cg00620476	3.26E-12	1.79E-13	7.92	19.7071459	7.63E-02	31938176	31938299	NC_000006.11
cg11599981	3.26E-12	1.79E-13	7.92	19.707073	1.24E-01	6475902	6476025	NC_000019.9
cg02818409	3.27E-12	1.79E-13	7.92	19.7053452	5.27E-02	143116253	143116376	NC_000007.13
cg12031863	3.27E-12	1.79E-13	7.92	19.7046966	1.86E-01	4587854	4587977	NC_000016.9
cg22375610	3.27E-12	1.79E-13	7.92	19.704207	1.17E-01	41021161	41021284	NC_000006.11
cg03532026	3.27E-12	1.79E-13	7.92	19.7037258	1.29E-01	57829153	57829276	NC_000019.9
cg04395377	3.28E-12	1.80E-13	7.92	19.7019525	1.63E-01	17841862	17841985	NC_000016.9
cg02562761	3.28E-12	1.80E-13	7.92	19.6997442	1.11E-01	4307906	4308029	NC_000016.9
cg11908453	3.29E-12	1.80E-13	7.92	19.6985375	1.39E-01	242209506	242209629	NC_000002.11
cg20028827	3.29E-12	1.80E-13	7.92	19.6977517	1.49E-01	79169823	79169946	NC_000013.10
cg07832473	3.29E-12	1.80E-13	7.92	19.6976762	2.41E-01	33936253	33936376	NC_000005.9
cg04838147	3.29E-12	1.80E-13	7.92	19.696558	1.88E-01	26505069	26505192	NC_000010.10
cg11713800	3.30E-12	1.81E-13	7.92	19.6962634	1.28E-01	41620951	41621074	NC_000006.11
cg26684131	3.30E-12	1.81E-13	7.92	19.6949031	1.13E-01	32410365	32410488	NC_000006.11
cg05078091	3.30E-12	1.81E-13	7.92	19.6943046	1.16E-01	129984345	129984468	NC_000011.9
cg23004758	3.30E-12	1.81E-13	7.92	19.694249	2.47E-01	58204221	58204344	NC_000013.10
cg13733008	3.30E-12	1.81E-13	7.91	19.6932252	6.57E-02	78088735	78088858	NC_000004.11
cg27019929	3.31E-12	1.81E-13	7.91	19.6929212	1.49E-01	32421518	32421641	NC_000011.9

cg13040816	3.32E-12	1.82E-13	7.91	19.6894956	3.65E-02	30681089	30681212	NC_000006.11
cg13837295	3.32E-12	1.82E-13	7.91	19.6886038	1.02E-01	134826531	134826654	NC_000010.10
cg03712816	3.32E-12	1.82E-13	7.91	19.6884932	1.87E-01	76741157	76741280	NC_000018.9
cg07827420	3.33E-12	1.83E-13	7.91	19.684956	1.18E-01	75371764	75371887	NC_000017.10
cg04747226	3.33E-12	1.83E-13	7.91	19.6834698	2.36E-01	105481319	105481442	NC_000011.9
cg00418216	3.35E-12	1.84E-13	7.91	19.6787525	2.12E-01	27227847	27227970	NC_000007.13
cg25952581	3.36E-12	1.84E-13	7.91	19.6753647	1.55E-01	27170961	27171084	NC_000007.13
cg26935685	3.36E-12	1.85E-13	7.91	19.6746943	1.38E-01	15502881	15503004	NC_000001.10
cg14205791	3.36E-12	1.85E-13	7.91	19.6742485	6.80E-02	124800227	124800350	NC_000012.11
cg25462190	3.38E-12	1.85E-13	7.91	19.6700194	8.11E-02	177547067	177547190	NC_000005.9
cg15605746	3.38E-12	1.86E-13	7.91	19.6684865	1.37E-01	52584919	52585042	NC_000015.9
cg20859731	3.40E-12	1.86E-13	7.91	19.6646936	1.55E-01	36226820	36226943	NC_000020.10
cg07215504	3.40E-12	1.86E-13	7.91	19.6644942	1.89E-01	88497007	88497130	NC_000016.9
cg15089219	3.41E-12	1.87E-13	7.91	19.6597354	1.72E-01	119915368	119915491	NC_000002.11
cg08327884	3.41E-12	1.87E-13	7.91	19.6590894	1.51E-01	84798113	84798236	NC_000006.11
cg01717727	3.42E-12	1.88E-13	7.91	19.6585187	1.70E-01	5140406	5140529	NC_000005.9
cg06715976	3.43E-12	1.88E-13	7.91	19.6544825	2.54E-01	27135769	27135892	NC_000007.13
cg17767285	3.43E-12	1.88E-13	7.91	19.6539916	2.39E-01	84419202	84419325	NC_000006.11
cg24282829	3.43E-12	1.88E-13	7.91	19.6539371	5.58E-02	8596320	8596443	NC_000012.11
cg10725720	3.44E-12	1.89E-13	7.91	19.6518636	2.04E-01	55039232	55039355	NC_000006.11
cg20646280	3.44E-12	1.89E-13	7.91	19.651173	2.14E-01	44449738	44449861	NC_000004.11
cg15924285	3.44E-12	1.89E-13	7.91	19.650481	1.50E-01	93465688	93465811	NC_000011.9
cg13915566	3.44E-12	1.89E-13	7.91	19.6501811	5.87E-02	2286006	2286129	NC_000011.9
cg19577779	3.44E-12	1.89E-13	7.91	19.6499675	2.65E-01	88326635	88326758	NC_000013.10
cg19786627	3.45E-12	1.90E-13	7.91	19.6483988	1.51E-01	29235904	29236027	NC_000014.8



cg06292124	3.45E-12	1.90E-13	7.91	19.6483631	6.56E-02	52408520	52408643	NC_000012.11
cg05560333	3.45E-12	1.90E-13	7.91	19.6464523	1.17E-01	233432602	233432725	NC_000001.10
cg17632299	3.46E-12	1.90E-13	7.91	19.6451361	2.07E-01	53312966	53313089	NC_000013.10
cg13610307	3.47E-12	1.91E-13	7.91	19.6416575	1.66E-01	140917431	140917554	NC_000009.11
cg01382864	3.47E-12	1.91E-13	7.91	19.641514	1.37E-01	220174251	220174374	NC_000002.11
cg16433156	3.47E-12	1.91E-13	7.91	19.6409327	2.00E-01	76740091	76740214	NC_000018.9
cg16057262	3.47E-12	1.91E-13	7.91	19.6400899	1.95E-01	182322699	182322822	NC_000002.11
cg18484679	3.48E-12	1.91E-13	7.91	19.6396659	1.14E-01	142740314	142740437	NC_000005.9
cg02115041	3.48E-12	1.92E-13	7.91	19.6381795	1.58E-01	53852101	53852224	NC_000008.10
cg22619784	3.48E-12	1.92E-13	7.91	19.6376865	1.27E-01	32793355	32793478	NC_000006.11
cg10454246	3.49E-12	1.92E-13	7.91	19.6362937	2.45E-01	41883890	41884013	NC_000004.11
cg09133026	3.49E-12	1.92E-13	7.91	19.6359179	6.17E-02	75388105	75388228	NC_000014.8
cg20784098	3.49E-12	1.92E-13	7.91	19.6358522	6.12E-02	32157059	32157182	NC_000001.10
cg15066337	3.49E-12	1.92E-13	7.91	19.6354744	4.24E-02	190105668	190105791	NC_000003.11
cg10919664	3.49E-12	1.92E-13	7.91	19.6353067	1.89E-01	28945322	28945445	NC_000006.11
cg18013765	3.49E-12	1.92E-13	7.9	19.6338468	4.44E-02	4499993	4500116	NC_000010.10
cg18948125	3.51E-12	1.93E-13	7.9	19.6304997	1.40E-01	31805970	31806093	NC_000002.11
cg24713204	3.51E-12	1.93E-13	7.9	19.6290102	1.58E-01	57019373	57019496	NC_000019.9
cg18519264	3.51E-12	1.93E-13	7.9	19.6282801	3.36E-02	169666498	169666621	NC_000002.11
cg02534659	3.52E-12	1.94E-13	7.9	19.6264395	2.31E-01	2112561	2112684	NC_000005.9
cg17525102	3.52E-12	1.94E-13	7.9	19.6262351	1.93E-01	29236221	29236344	NC_000014.8
cg07676002	3.52E-12	1.94E-13	7.9	19.6257516	1.32E-01	44880000	44880123	NC_000020.10
cg17386911	3.52E-12	1.94E-13	7.9	19.6252975	8.21E-02	176523180	176523303	NC_000005.9
cg10239860	3.56E-12	1.96E-13	7.9	19.6153036	8.70E-02	71172023	71172146	NC_000001.10
cg09764984	3.56E-12	1.96E-13	7.9	19.6144358	7.29E-02	3702447	3702570	NC_000016.9

cg14041283	3.56E-12	1.96E-13	7.9	19.6136828	1.96E-01	17906338	17906461	NC_000009.11
cg23964057	3.56E-12	1.96E-13	7.9	19.6136606	1.94E-01	69590113	69590236	NC_000011.9
cg03324821	3.56E-12	1.96E-13	7.9	19.6132201	2.61E-01	51142933	51143056	NC_000019.9
cg18761549	3.57E-12	1.97E-13	7.9	19.6113893	1.91E-01	115134391	115134514	NC_000012.11
cg11601523	3.57E-12	1.97E-13	7.9	19.6100933	2.03E-01	2756361	2756484	NC_000005.9
cg14749465	3.58E-12	1.97E-13	7.9	19.6082168	2.21E-01	20690720	20690843	NC_000011.9
cg21551182	3.58E-12	1.97E-13	7.9	19.608204	4.02E-02	106399873	106399996	NC_000002.11
cg00581595	3.58E-12	1.97E-13	7.9	19.6080094	8.11E-02	58545346	58545469	NC_000016.9
cg18907363	3.59E-12	1.98E-13	7.9	19.6064273	8.89E-02	100067361	100067484	NC_000014.8
cg00908197	3.59E-12	1.98E-13	7.9	19.6038458	4.49E-02	41619666	41619789	NC_000006.11
cg23217097	3.60E-12	1.99E-13	7.9	19.6017702	1.84E-01	42074635	42074758	NC_000014.8
cg05330604	3.61E-12	1.99E-13	7.9	19.600059	1.14E-01	91837300	91837423	NC_000015.9
cg07009376	3.61E-12	1.99E-13	7.9	19.6000034	2.32E-01	28793219	28793342	NC_000006.11
cg21139046	3.61E-12	1.99E-13	7.9	19.5998359	1.34E-01	14339700	14339823	NC_000003.11
cg04552470	3.62E-12	2.00E-13	7.9	19.5978318	1.51E-01	20669792	20669915	NC_000001.10
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cg05225634	3.63E-12	2.00E-13	7.9	19.593834	1.07E-01	156718288	156718411	NC_000006.11
cg11985360	3.63E-12	2.01E-13	7.9	19.5926997	2.11E-01	19138209	19138332	NC_000022.10
cg05944477	3.64E-12	2.01E-13	7.9	19.5918146	1.15E-01	205189476	205189599	NC_000002.11
cg12601945	3.64E-12	2.01E-13	7.9	19.5911586	2.05E-01	18958924	18959047	NC_000001.10
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cg23874437	3.65E-12	2.02E-13	7.9	19.5879321	1.94E-01	38886110	38886233	NC_000019.9
cg14484885	3.67E-12	2.03E-13	7.9	19.5823722	8.26E-02	111540404	111540527	NC_000013.10
cg06926314	3.67E-12	2.03E-13	7.9	19.5809892	1.38E-01	10650351	10650474	NC_000005.9
cg04804618	3.68E-12	2.04E-13	7.9	19.5782219	2.20E-01	131761386	131761509	NC_000010.10

cg07160277	3.70E-12	2.04E-13	7.9	19.5744903	1.59E-01	165304855	165304978	NC_000004.11
cg11739758	3.70E-12	2.04E-13	7.89	19.5735163	2.02E-01	46670663	46670786	NC_000017.10
cg03767531	3.71E-12	2.05E-13	7.89	19.5709077	1.56E-01	182545572	182545695	NC_000002.11
cg16875711	3.71E-12	2.05E-13	7.89	19.5708266	4.80E-02	51798822	51798945	NC_000018.9
cg10742917	3.71E-12	2.05E-13	7.89	19.5706677	1.28E-01	56242801	56242924	NC_000007.13
cg26067203	3.71E-12	2.05E-13	7.89	19.5699374	2.37E-01	1935289	1935412	NC_000001.10
cg08455099	3.72E-12	2.06E-13	7.89	19.5669494	1.84E-01	95663959	95664082	NC_000002.11
cg01833122	3.73E-12	2.06E-13	7.89	19.5659344	8.34E-02	167436541	167436664	NC_000001.10
cg21859594	3.73E-12	2.06E-13	7.89	19.5648005	1.42E-01	4872801	4872924	NC_000012.11
cg23503075	3.74E-12	2.07E-13	7.89	19.5625226	4.80E-02	3564803	3564926	NC_000010.10
cg18803251	3.75E-12	2.08E-13	7.89	19.5583747	5.49E-02	7374622	7374745	NC_000004.11
cg13587180	3.76E-12	2.08E-13	7.89	19.5555732	1.37E-01	42403248	42403371	NC_000004.11
cg22615203	3.77E-12	2.08E-13	7.89	19.5550732	1.20E-01	41111493	41111616	NC_000013.10
cg20495645	3.77E-12	2.08E-13	7.89	19.5550561	2.57E-01	45405624	45405747	NC_000022.10
cg24242823	3.77E-12	2.08E-13	7.89	19.5549531	2.33E-01	24323675	24323798	NC_000007.13
cg14734994	3.77E-12	2.09E-13	7.89	19.5538265	4.97E-02	88468372	88468495	NC_000002.11
cg10380328	3.77E-12	2.09E-13	7.89	19.5533223	2.11E-01	188953126	188953249	NC_000004.11
cg17019070	3.77E-12	2.09E-13	7.89	19.5529707	1.23E-01	73466639	73466762	NC_000010.10
cg09728607	3.78E-12	2.09E-13	7.89	19.5515257	1.45E-01	51190065	51190188	NC_000016.9
cg17904129	3.78E-12	2.09E-13	7.89	19.5499688	3.59E-02	54195800	54195923	NC_000001.10
cg10151685	3.78E-12	2.09E-13	7.89	19.5498077	1.71E-01	89312863	89312986	NC_000015.9
cg05991820	3.79E-12	2.10E-13	7.89	19.5491211	1.54E-01	11785161	11785284	NC_000010.10
cg16478737	3.79E-12	2.10E-13	7.89	19.5473584	1.13E-01	1442040	1442163	NC_000016.9
cg01646718	3.79E-12	2.10E-13	7.89	19.5471362	1.77E-01	145580727	145580850	NC_000008.10
cg22010052	3.80E-12	2.10E-13	7.89	19.5462167	1.09E-01	115298704	115298827	NC_000005.9

cg07260592	3.80E-12	2.10E-13	7.89	19.5460208	1.57E-01	161100122	161100245	NC_000006.11
cg01378812	3.81E-12	2.11E-13	7.89	19.5409096	1.57E-01	36004794	36004917	NC_000017.10
cg14633910	3.82E-12	2.11E-13	7.89	19.5403694	1.16E-01	10897204	10897327	NC_000006.11
cg21139325	3.82E-12	2.12E-13	7.89	19.5400874	8.83E-02	32729470	32729593	NC_000006.11
cg17648101	3.82E-12	2.12E-13	7.89	19.539726	8.55E-02	17438324	17438447	NC_000019.9
cg06575391	3.82E-12	2.12E-13	7.89	19.5394926	3.93E-02	100023123	100023246	NC_000008.10
cg21630370	3.82E-12	2.12E-13	7.89	19.5386062	4.09E-02	45141979	45142102	NC_000007.13
cg13933080	3.83E-12	2.12E-13	7.89	19.5377375	1.27E-01	22634145	22634268	NC_000010.10
cg02738641	3.84E-12	2.13E-13	7.89	19.5343207	1.31E-01	114303736	114303859	NC_000013.10
cg06506966	3.84E-12	2.13E-13	7.89	19.5336083	2.30E-01	53758289	53758412	NC_000019.9
cg06610259	3.85E-12	2.14E-13	7.89	19.5304845	1.35E-01	122515332	122515455	NC_000012.11
cg16043357	3.85E-12	2.14E-13	7.89	19.5301938	1.47E-01	118897904	118898027	NC_000010.10
cg13944871	3.86E-12	2.14E-13	7.89	19.5292544	8.15E-02	3461718	3461841	NC_000001.10
cg27025384	3.86E-12	2.14E-13	7.89	19.5279848	8.88E-02	90386331	90386454	NC_000005.9
cg07531228	3.88E-12	2.15E-13	7.89	19.5231805	1.31E-01	149745299	149745422	NC_000007.13
cg05484788	3.88E-12	2.15E-13	7.89	19.5229798	2.30E-01	58180357	58180480	NC_000020.10
cg18653282	3.88E-12	2.15E-13	7.89	19.5228993	1.81E-01	104604739	104604862	NC_000014.8
cg07813142	3.89E-12	2.16E-13	7.89	19.5211564	1.89E-01	171573223	171573346	NC_000002.11
cg16236779	3.89E-12	2.16E-13	7.89	19.521089	1.51E-01	104905387	104905510	NC_000010.10
cg16701059	3.89E-12	2.16E-13	7.89	19.5198456	1.31E-01	101513798	101513921	NC_000015.9
cg09953583	3.89E-12	2.16E-13	7.89	19.5188595	7.65E-02	22974144	22974267	NC_000014.8
cg08575537	3.90E-12	2.16E-13	7.89	19.5183943	2.06E-01	100318626	100318749	NC_000007.13
cg09223489	3.90E-12	2.16E-13	7.89	19.5181932	8.42E-02	86785970	86786093	NC_000016.9
cg00600617	3.90E-12	2.16E-13	7.89	19.5176606	1.46E-01	107221887	107222010	NC_000006.11
cg10332700	3.90E-12	2.17E-13	7.89	19.5161969	2.32E-01	53636077	53636200	NC_000019.9

cg24889512	3.91E-12	2.17E-13	7.89	19.5155274	2.07E-01	22816950	22817073	NC_000019.9
cg16277479	3.91E-12	2.17E-13	7.89	19.5144809	2.46E-01	13910209	13910332	NC_000001.10
cg02100008	3.92E-12	2.18E-13	7.88	19.5117703	6.73E-02	56658357	56658480	NC_000004.11
cg21297493	3.92E-12	2.18E-13	7.88	19.5114449	1.63E-01	156357905	156358028	NC_000001.10
cg01030406	3.92E-12	2.18E-13	7.88	19.5110617	1.10E-01	113374553	113374676	NC_000004.11
cg09367901	3.93E-12	2.18E-13	7.88	19.5092577	1.97E-01	54418851	54418974	NC_000014.8
cg13490729	3.93E-12	2.19E-13	7.88	19.5077135	6.32E-02	23779307	23779430	NC_000014.8
cg09071040	3.94E-12	2.19E-13	7.88	19.5074479	5.39E-02	49358690	49358813	NC_000012.11
cg03596113	3.94E-12	2.19E-13	7.88	19.506707	3.71E-02	3129969	3130092	NC_000001.10
cg19203333	3.94E-12	2.19E-13	7.88	19.5060466	1.80E-01	134175398	134175521	NC_000006.11
cg17680089	3.94E-12	2.19E-13	7.88	19.5058859	1.60E-01	228346338	228346461	NC_000001.10
cg00852414	3.94E-12	2.19E-13	7.88	19.5053837	1.26E-01	101543050	101543173	NC_000014.8
cg16952918	3.94E-12	2.19E-13	7.88	19.5050775	4.77E-02	69078072	69078195	NC_000012.11
cg00601368	3.95E-12	2.19E-13	7.88	19.5047311	1.14E-01	149318081	149318204	NC_000007.13
cg09048530	3.95E-12	2.19E-13	7.88	19.5038347	2.38E-01	130646022	130646145	NC_000012.11
cg05678033	3.96E-12	2.20E-13	7.88	19.5016638	1.67E-01	115104591	115104714	NC_000012.11
cg14400886	3.96E-12	2.20E-13	7.88	19.5013674	2.14E-01	134070441	134070564	NC_000004.11
cg19082560	3.96E-12	2.20E-13	7.88	19.4997957	1.44E-01	3603280	3603403	NC_000005.9
cg09229912	3.98E-12	2.21E-13	7.88	19.4963245	2.30E-01	111471963	111472086	NC_000012.11
cg10201791	3.98E-12	2.21E-13	7.88	19.4955705	4.45E-02	111855154	111855277	NC_000007.13
cg27273310	3.98E-12	2.21E-13	7.88	19.4951079	8.89E-02	131642913	131643036	NC_000010.10
cg14490428	3.99E-12	2.22E-13	7.88	19.4934777	1.74E-01	89841521	89841644	NC_000010.10
cg22190438	3.99E-12	2.22E-13	7.88	19.493322	1.38E-01	42733976	42734099	NC_000017.10
cg07921384	4.00E-12	2.22E-13	7.88	19.4910037	2.55E-01	220299740	220299863	NC_000002.11
cg08864310	4.01E-12	2.23E-13	7.88	19.4876225	9.72E-02	64402469	64402592	NC_000005.9

cg21057266	4.02E-12	2.24E-13	7.88	19.4848865	9.56E-02	189200528	189200651	NC_000004.11
cg00376979	4.04E-12	2.25E-13	7.88	19.4803504	1.32E-01	34350727	34350850	NC_000021.8
cg19041857	4.05E-12	2.25E-13	7.88	19.4784985	1.21E-01	27730383	27730506	NC_000006.11
cg23063647	4.05E-12	2.25E-13	7.88	19.4783569	1.84E-01	206339	206462	NC_000004.11
cg18237616	4.05E-12	2.25E-13	7.88	19.4776196	1.69E-01	151191667	151191790	NC_000007.13
cg11355658	4.05E-12	2.25E-13	7.88	19.4772271	1.20E-01	132453670	132453793	NC_000006.11
cg05368341	4.05E-12	2.26E-13	7.88	19.4760153	1.99E-01	114696465	114696588	NC_000001.10
cg20011402	4.05E-12	2.26E-13	7.88	19.4759946	3.16E-01	17496239	17496362	NC_000010.10
cg18036763	4.07E-12	2.26E-13	7.88	19.4731698	2.32E-01	45404910	45405033	NC_000022.10
cg18446069	4.07E-12	2.26E-13	7.88	19.4730944	1.11E-01	111644279	111644402	NC_000013.10
cg02101773	4.07E-12	2.26E-13	7.88	19.4730193	1.95E-01	20347593	20347716	NC_000020.10
cg05455720	4.08E-12	2.27E-13	7.88	19.4692292	1.89E-01	65291703	65291826	NC_000008.10
cg25657713	4.08E-12	2.27E-13	7.88	19.4691053	1.49E-01	100038708	100038831	NC_000006.11
cg05678100	4.10E-12	2.28E-13	7.88	19.4656048	1.44E-01	172734031	172734154	NC_000004.11
cg08535058	4.12E-12	2.30E-13	7.88	19.4589229	1.23E-01	12920991	12921114	NC_000019.9
cg10815835	4.13E-12	2.30E-13	7.88	19.4574232	1.08E-01	170396327	170396450	NC_000006.11
cg20892260	4.14E-12	2.31E-13	7.87	19.4543088	1.72E-01	23564025	23564148	NC_000008.10
cg24900963	4.14E-12	2.31E-13	7.87	19.4541235	1.03E-01	28948266	28948389	NC_000016.9
cg20738665	4.14E-12	2.31E-13	7.87	19.4531199	9.09E-02	61874249	61874372	NC_000020.10
cg23685953	4.14E-12	2.31E-13	7.87	19.4530459	6.66E-02	52216479	52216602	NC_000014.8
cg27436952	4.15E-12	2.31E-13	7.87	19.4524148	1.30E-01	8895870	8895993	NC_000016.9
cg22274813	4.15E-12	2.31E-13	7.87	19.4520204	1.92E-01	38067101	38067224	NC_000021.8
cg15420634	4.15E-12	2.31E-13	7.87	19.4515556	8.79E-02	485359	485482	NC_000005.9
cg01398502	4.16E-12	2.32E-13	7.87	19.4493413	1.05E-01	85990190	85990313	NC_000016.9
cg01951637	4.18E-12	2.33E-13	7.87	19.4446079	2.69E-01	89007466	89007589	NC_000016.9

cg10534507	4.18E-12	2.33E-13	7.87	19.4442711	1.66E-01	82336761	82336884	NC_000015.9
cg12182408	4.18E-12	2.33E-13	7.87	19.4439949	1.19E-01	104618441	104618564	NC_000014.8
cg19829856	4.19E-12	2.34E-13	7.87	19.4417983	1.14E-01	44237658	44237781	NC_000018.9
cg14419975	4.19E-12	2.34E-13	7.87	19.441196	2.52E-01	91196332	91196455	NC_000001.10
cg11373604	4.20E-12	2.34E-13	7.87	19.4389139	1.58E-01	2291260	2291383	NC_000011.9
cg17566175	4.21E-12	2.35E-13	7.87	19.4349664	1.35E-01	56389866	56389989	NC_000006.11
cg18705776	4.22E-12	2.36E-13	7.87	19.4337396	6.72E-02	5565829	5565952	NC_000010.10
cg17367901	4.22E-12	2.36E-13	7.87	19.4335037	5.85E-02	619032	619155	NC_000019.9
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cg05624932	4.24E-12	2.37E-13	7.87	19.4288118	2.47E-01	75897310	75897433	NC_000008.10
cg14601981	4.24E-12	2.37E-13	7.87	19.4279913	1.39E-01	79145228	79145351	NC_000010.10
cg16018474	4.24E-12	2.37E-13	7.87	19.4279094	2.46E-01	158119501	158119624	NC_000001.10
cg05200250	4.24E-12	2.37E-13	7.87	19.4272767	1.08E-01	75264574	75264697	NC_000016.9
cg10013343	4.25E-12	2.37E-13	7.87	19.4268446	2.28E-01	29106503	29106626	NC_000013.10
cg20982735	4.25E-12	2.37E-13	7.87	19.4266861	1.45E-01	87082023	87082146	NC_000008.10
cg11321433	4.25E-12	2.37E-13	7.87	19.4262515	1.83E-01	32338542	32338665	NC_000007.13
cg03490331	4.25E-12	2.37E-13	7.87	19.4260629	1.32E-01	172672817	172672940	NC_000005.9
cg18358136	4.25E-12	2.38E-13	7.87	19.4252128	1.49E-01	46119636	46119759	NC_000019.9
cg20557801	4.25E-12	2.38E-13	7.87	19.4248673	1.69E-01	68121177	68121300	NC_000015.9
cg00851770	4.26E-12	2.38E-13	7.87	19.422538	2.36E-01	12254175	12254298	NC_000018.9
cg08190291	4.27E-12	2.39E-13	7.87	19.4212962	2.38E-01	28339442	28339565	NC_000021.8
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cg21230745	4.27E-12	2.39E-13	7.87	19.4201149	2.16E-01	87974414	87974537	NC_000005.9

cg12213062	4.27E-12	2.39E-13	7.87	19.4198781	1.85E-01	220299653	220299776	NC_000002.11
cg18744668	4.28E-12	2.39E-13	7.87	19.41938	7.69E-02	99962347	99962470	NC_000008.10
cg19959917	4.28E-12	2.39E-13	7.87	19.4181249	1.10E-01	44878373	44878496	NC_000010.10
cg24996278	4.28E-12	2.39E-13	7.87	19.4178939	3.65E-02	235327092	235327215	NC_000001.10
cg11854491	4.29E-12	2.40E-13	7.87	19.4160004	2.26E-01	46961115	46961238	NC_000013.10
cg03909500	4.29E-12	2.40E-13	7.87	19.4155245	1.56E-01	33936597	33936720	NC_000005.9
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cg02943604	4.31E-12	2.41E-13	7.87	19.4098845	1.47E-01	122217348	122217471	NC_000010.10
cg23720732	4.32E-12	2.42E-13	7.87	19.4083524	2.51E-01	44650380	44650503	NC_000020.10
cg18498241	4.32E-12	2.42E-13	7.87	19.4071372	1.21E-01	69286352	69286475	NC_000011.9
cg08214518	4.34E-12	2.43E-13	7.87	19.4025249	6.88E-02	1990114	1990237	NC_000007.13
cg17026582	4.35E-12	2.43E-13	7.87	19.4013808	6.04E-02	1298573	1298696	NC_000005.9
cg02726819	4.36E-12	2.44E-13	7.87	19.3985809	1.24E-01	158800869	158800992	NC_000007.13
cg02000318	4.36E-12	2.44E-13	7.87	19.3979801	2.01E-01	27197713	27197836	NC_000007.13
cg03830490	4.37E-12	2.45E-13	7.87	19.3970692	9.56E-02	45926669	45926792	NC_000003.11
cg26763877	4.37E-12	2.45E-13	7.87	19.3956791	1.83E-01	4851751	4851874	NC_000008.10
cg06925060	4.38E-12	2.45E-13	7.87	19.3948976	7.54E-02	10489288	10489411	NC_000001.10
cg25633678	4.38E-12	2.46E-13	7.86	19.3931487	2.11E-01	65284473	65284596	NC_000008.10
cg22052659	4.38E-12	2.46E-13	7.86	19.3929694	2.14E-01	114444989	114445112	NC_000008.10
cg00713567	4.39E-12	2.46E-13	7.86	19.3908518	1.51E-01	143545949	143546072	NC_000008.10
cg09501959	4.39E-12	2.46E-13	7.86	19.3902841	1.36E-01	193058203	193058326	NC_000002.11
cg01871526	4.40E-12	2.46E-13	7.86	19.3896839	4.93E-02	23867258	23867381	NC_000002.11
cg01663563	4.41E-12	2.47E-13	7.86	19.3872742	1.23E-01	90775513	90775636	NC_000015.9
cg08750504	4.41E-12	2.47E-13	7.86	19.3861416	1.42E-01	172946193	172946316	NC_000002.11
cg25316512	4.42E-12	2.48E-13	7.86	19.3842548	1.15E-01	7032991	7033114	NC_000012.11



cg03212183	4.43E-12	2.48E-13	7.86	19.3821442	8.77E-02	81565917	81566040	NC_000016.9
cg04466022	4.43E-12	2.48E-13	7.86	19.3817503	9.91E-02	37618123	37618246	NC_000006.11
cg01145544	4.44E-12	2.49E-13	7.86	19.3802078	7.90E-02	46889296	46889419	NC_000021.8
cg17131837	4.44E-12	2.49E-13	7.86	19.3785933	1.43E-01	66251661	66251784	NC_000012.11
cg21500133	4.45E-12	2.49E-13	7.86	19.3776641	2.82E-01	43439451	43439574	NC_000020.10
cg02086307	4.45E-12	2.50E-13	7.86	19.3761334	1.62E-01	53390878	53391001	NC_000001.10
cg03905134	4.46E-12	2.50E-13	7.86	19.3757823	1.15E-01	76146565	76146688	NC_000012.11
cg22234419	4.46E-12	2.50E-13	7.86	19.3748372	1.55E-01	145875907	145876030	NC_000003.11
cg05803265	4.47E-12	2.51E-13	7.86	19.3730928	6.36E-02	54352207	54352330	NC_000001.10
cg01876288	4.47E-12	2.51E-13	7.86	19.3725144	1.26E-01	158800934	158801057	NC_000007.13
cg18451114	4.47E-12	2.51E-13	7.86	19.3714505	1.40E-01	38511677	38511800	NC_000001.10
cg01656470	4.49E-12	2.52E-13	7.86	19.3688089	1.01E-01	57350096	57350219	NC_000019.9
cg01843018	4.50E-12	2.52E-13	7.86	19.366445	1.52E-01	123813144	123813267	NC_000009.11
cg02161292	4.51E-12	2.53E-13	7.86	19.364038	1.22E-01	140821687	140821810	NC_000005.9
cg15174552	4.51E-12	2.53E-13	7.86	19.3632407	1.60E-01	118982352	118982475	NC_000002.11
cg04130185	4.52E-12	2.54E-13	7.86	19.3608039	1.63E-01	102988251	102988374	NC_000010.10
cg13400209	4.52E-12	2.54E-13	7.86	19.3602913	4.90E-02	117813666	117813789	NC_000002.11
cg08710861	4.53E-12	2.54E-13	7.86	19.358789	7.26E-02	128493066	128493189	NC_000007.13
cg00627846	4.54E-12	2.55E-13	7.86	19.3560581	1.01E-01	49141122	49141245	NC_000022.10
cg18832738	4.55E-12	2.55E-13	7.86	19.3539362	1.40E-01	95210053	95210176	NC_000012.11
cg23808270	4.55E-12	2.56E-13	7.86	19.3536638	7.74E-02	223148963	223149086	NC_000001.10
cg10140638	4.57E-12	2.57E-13	7.86	19.3495755	1.47E-01	220174207	220174330	NC_000002.11
cg08691159	4.57E-12	2.57E-13	7.86	19.349054	1.32E-01	85635763	85635886	NC_000016.9
cg26205771	4.58E-12	2.57E-13	7.86	19.3472111	2.23E-01	53851156	53851279	NC_000008.10
cg07329360	4.58E-12	2.57E-13	7.86	19.3470616	1.68E-01	31841768	31841891	NC_000011.9

cg21434530	4.59E-12	2.58E-13	7.86	19.3456773	1.88E-01	4870486	4870609	NC_000004.11
cg07309238	4.59E-12	2.58E-13	7.86	19.344201	7.33E-02	110229803	110229926	NC_000005.9
cg21858485	4.60E-12	2.59E-13	7.86	19.3420664	2.27E-01	130236027	130236150	NC_000003.11
cg09890891	4.60E-12	2.59E-13	7.86	19.341954	1.15E-01	96904723	96904846	NC_000015.9
cg19316405	4.61E-12	2.59E-13	7.86	19.3398247	4.39E-02	770410	770533	NC_000011.9
cg00286188	4.61E-12	2.59E-13	7.86	19.3394406	9.95E-02	33493596	33493719	NC_000002.11
cg16209664	4.63E-12	2.60E-13	7.86	19.3364786	1.30E-01	147131146	147131269	NC_000003.11
cg06550340	4.63E-12	2.60E-13	7.86	19.3354552	2.02E-01	61638420	61638543	NC_000020.10
cg12845990	4.63E-12	2.60E-13	7.86	19.335023	3.20E-02	33391288	33391411	NC_000006.11
cg13728003	4.63E-12	2.60E-13	7.86	19.3348925	1.76E-01	1387836	1387959	NC_000006.11
cg01313313	4.64E-12	2.61E-13	7.85	19.333963	1.92E-01	43040590	43040713	NC_000005.9
cg16359550	4.65E-12	2.61E-13	7.85	19.3320379	2.02E-01	109292809	109292932	NC_000011.9
cg18689614	4.65E-12	2.61E-13	7.85	19.3311614	5.96E-02	77029386	77029509	NC_000017.10
cg25944479	4.65E-12	2.61E-13	7.85	19.3311368	1.17E-01	8195062	8195185	NC_000006.11
cg15836374	4.65E-12	2.62E-13	7.85	19.3301471	7.89E-02	132938027	132938150	NC_000012.11
cg21072457	4.66E-12	2.62E-13	7.85	19.3293001	6.38E-02	151192481	151192604	NC_000005.9
cg15936446	4.66E-12	2.62E-13	7.85	19.3287277	1.89E-01	42952369	42952492	NC_000005.9
cg23542449	4.66E-12	2.62E-13	7.85	19.3284775	1.33E-01	22602447	22602570	NC_000012.11
cg19695166	4.66E-12	2.62E-13	7.85	19.3277053	9.66E-02	16462492	16462615	NC_000005.9
cg07618581	4.66E-12	2.62E-13	7.85	19.3273808	1.27E-01	92512048	92512171	NC_000015.9
cg05840573	4.67E-12	2.63E-13	7.85	19.3262217	1.65E-01	24124045	24124168	NC_000018.9
cg00034468	4.67E-12	2.63E-13	7.85	19.3251471	1.41E-01	229568077	229568200	NC_000001.10
cg19595505	4.68E-12	2.63E-13	7.85	19.3237373	1.84E-01	155596322	155596445	NC_000007.13
cg21500166	4.69E-12	2.64E-13	7.85	19.3225776	1.23E-01	75603184	75603307	NC_000012.11
cg04732596	4.69E-12	2.64E-13	7.85	19.3205402	1.32E-01	66789740	66789863	NC_000002.11

cg17011276	4.72E-12	2.66E-13	7.85	19.3158357	1.84E-01	140797521	140797644	NC_000005.9
cg17943279	4.72E-12	2.66E-13	7.85	19.3150072	1.35E-01	72469560	72469683	NC_000008.10
cg05859308	4.73E-12	2.66E-13	7.85	19.3125835	1.20E-01	71712645	71712768	NC_000014.8
cg17207266	4.73E-12	2.67E-13	7.85	19.3120042	1.29E-01	25562957	25563080	NC_000002.11
cg23953290	4.74E-12	2.67E-13	7.85	19.3113372	4.09E-02	111048024	111048147	NC_000012.11
cg00303641	4.74E-12	2.67E-13	7.85	19.3112757	7.61E-02	23712764	23712887	NC_000016.9
cg00114132	4.74E-12	2.67E-13	7.85	19.3094294	1.02E-01	8657945	8658068	NC_000018.9
cg07602740	4.74E-12	2.67E-13	7.85	19.3093881	9.35E-02	32025960	32026083	NC_000006.11
cg00458395	4.74E-12	2.67E-13	7.85	19.309359	5.55E-02	13104674	13104797	NC_000019.9
cg06696905	4.75E-12	2.68E-13	7.85	19.3080606	1.01E-01	57539284	57539407	NC_000003.11
cg11338643	4.75E-12	2.68E-13	7.85	19.3077978	2.46E-01	166580983	166581106	NC_000006.11
cg14489474	4.76E-12	2.68E-13	7.85	19.3064888	1.48E-01	905611	905734	NC_000018.9
cg03801902	4.76E-12	2.68E-13	7.85	19.3055547	2.81E-01	4381800	4381923	NC_000012.11
cg22130262	4.76E-12	2.68E-13	7.85	19.3052677	1.80E-01	57026502	57026625	NC_000008.10
cg02696910	4.77E-12	2.69E-13	7.85	19.303413	9.79E-02	234683776	234683899	NC_000002.11
cg27377339	4.77E-12	2.69E-13	7.85	19.3032951	8.66E-02	155952301	155952424	NC_000007.13
cg02013148	4.78E-12	2.70E-13	7.85	19.301272	1.41E-01	149238478	149238601	NC_000003.11
cg18082638	4.78E-12	2.70E-13	7.85	19.3005446	1.95E-01	31827757	31827880	NC_000011.9
cg02483484	4.78E-12	2.70E-13	7.85	19.3002945	2.03E-01	4716537	4716660	NC_000001.10
cg15694715	4.79E-12	2.70E-13	7.85	19.2997593	2.18E-01	118402280	118402403	NC_000011.9
cg13334277	4.79E-12	2.70E-13	7.85	19.2993858	1.04E-01	88757878	88758001	NC_000006.11
cg06997381	4.79E-12	2.70E-13	7.85	19.2988152	2.65E-01	6449090	6449213	NC_000005.9
cg19079845	4.81E-12	2.71E-13	7.85	19.2948954	1.97E-01	21686308	21686431	NC_000020.10
cg23381863	4.81E-12	2.71E-13	7.85	19.2947864	5.83E-02	147165164	147165287	NC_000004.11
cg24862548	4.82E-12	2.72E-13	7.85	19.2919727	5.09E-02	97346037	97346160	NC_000008.10

cg10996058	4.82E-12	2.72E-13	7.85	19.2918858	1.69E-01	119915729	119915852	NC_000002.11
cg00708598	4.83E-12	2.73E-13	7.85	19.2901691	1.53E-01	53313895	53314018	NC_000013.10
cg26613361	4.83E-12	2.73E-13	7.85	19.2897905	1.23E-01	31830668	31830791	NC_000016.9
cg17291500	4.83E-12	2.73E-13	7.85	19.2893665	5.24E-02	550508	550631	NC_000007.13
cg05371498	4.84E-12	2.73E-13	7.85	19.2884157	9.93E-02	10989530	10989653	NC_000016.9
cg13914083	4.84E-12	2.73E-13	7.85	19.2878206	2.08E-01	158141526	158141649	NC_000004.11
cg25272065	4.84E-12	2.73E-13	7.85	19.2875474	1.83E-01	77334678	77334801	NC_000001.10
cg09194778	4.84E-12	2.73E-13	7.85	19.2874044	5.98E-02	792749	792872	NC_000006.11
cg16028175	4.84E-12	2.73E-13	7.85	19.2870083	1.76E-01	50059164	50059287	NC_000019.9
cg24580782	4.85E-12	2.74E-13	7.85	19.2845299	1.83E-01	27240365	27240488	NC_000001.10
cg21733531	4.86E-12	2.74E-13	7.85	19.2836815	1.12E-01	63560711	63560834	NC_000007.13
cg13211683	4.86E-12	2.75E-13	7.85	19.282708	2.15E-01	97171827	97171950	NC_000008.10
cg03646291	4.87E-12	2.75E-13	7.85	19.2819106	1.27E-01	41109598	41109721	NC_000013.10
cg22907258	4.87E-12	2.75E-13	7.85	19.2808761	3.82E-02	75141096	75141219	NC_000017.10
cg07964097	4.87E-12	2.75E-13	7.85	19.2798322	4.67E-02	131708081	131708204	NC_000012.11
cg19530178	4.88E-12	2.75E-13	7.85	19.2797435	6.09E-02	37578528	37578651	NC_000022.10
cg17902947	4.88E-12	2.75E-13	7.85	19.2796666	1.02E-01	57040807	57040930	NC_000001.10
cg13327545	4.88E-12	2.76E-13	7.85	19.279155	1.09E-01	22623548	22623671	NC_000010.10
cg15514848	4.88E-12	2.76E-13	7.85	19.2775527	1.80E-01	171217555	171217678	NC_000001.10
cg10514714	4.89E-12	2.77E-13	7.85	19.2754892	8.38E-02	111015299	111015422	NC_000001.10
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cg11113066	4.91E-12	2.78E-13	7.84	19.2716566	1.26E-01	101281981	101282104	NC_000010.10
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cg19227485	4.93E-12	2.79E-13	7.84	19.2672266	4.63E-02	33773898	33774021	NC_000017.10
cg22735419	4.93E-12	2.79E-13	7.84	19.2670904	3.82E-02	1360208	1360331	NC_000019.9

cg05375309	4.93E-12	2.79E-13	7.84	19.2669879	1.15E-01	79621517	79621640	NC_000006.11
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cg21114773	4.94E-12	2.80E-13	7.84	19.2652157	2.15E-01	12254452	12254575	NC_000018.9
cg25631688	4.94E-12	2.80E-13	7.84	19.2645361	1.08E-01	93502004	93502127	NC_000012.11
cg13187820	4.95E-12	2.80E-13	7.84	19.2635187	1.19E-01	98960562	98960685	NC_000013.10
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cg04154502	4.95E-12	2.80E-13	7.84	19.262398	7.20E-02	3831293	3831416	NC_000019.9
cg20524972	4.96E-12	2.80E-13	7.84	19.2620569	4.96E-02	107219895	107220018	NC_000013.10
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cg22273168	4.96E-12	2.81E-13	7.84	19.2606572	5.98E-02	60827525	60827648	NC_000017.10
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cg16197202	4.99E-12	2.83E-13	7.84	19.2546144	7.49E-02	133643702	133643825	NC_000010.10
cg26649904	4.99E-12	2.83E-13	7.84	19.2538669	1.92E-01	236407361	236407484	NC_000002.11
cg08928882	4.99E-12	2.83E-13	7.84	19.2537103	2.22E-01	77593362	77593485	NC_000008.10
cg12315466	5.02E-12	2.84E-13	7.84	19.2490995	7.44E-02	233923814	233923937	NC_000002.11
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cg12899423	5.03E-12	2.85E-13	7.84	19.2464941	1.17E-01	44328154	44328277	NC_000011.9
cg04307561	5.04E-12	2.86E-13	7.84	19.2434585	2.66E-01	72460119	72460242	NC_000008.10

cg16766249	5.06E-12	2.87E-13	7.84	19.2393224	1.95E-01	79745154	79745277	NC_000014.8
cg09657963	5.07E-12	2.87E-13	7.84	19.2387433	2.14E-01	124790875	124790998	NC_000011.9
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cg10274108	5.09E-12	2.88E-13	7.84	19.2342667	1.25E-01	38082931	38083054	NC_000004.11
cg08086724	5.10E-12	2.89E-13	7.84	19.2316473	1.83E-01	36973204	36973327	NC_000014.8
cg08512345	5.10E-12	2.89E-13	7.84	19.2314871	2.02E-02	112043275	112043398	NC_000005.9
cg23633700	5.11E-12	2.90E-13	7.84	19.2304614	1.47E-01	48016735	48016858	NC_000007.13
cg14129589	5.14E-12	2.91E-13	7.84	19.2240795	1.15E-01	3240109	3240232	NC_000012.11
cg26620450	5.15E-12	2.92E-13	7.84	19.2216619	1.93E-01	133195061	133195184	NC_000012.11
cg20820063	5.16E-12	2.93E-13	7.84	19.2191893	1.74E-01	31020627	31020750	NC_000018.9
cg15067340	5.17E-12	2.93E-13	7.84	19.2187195	2.39E-01	37488671	37488794	NC_000007.13
cg22711111	5.17E-12	2.93E-13	7.84	19.2184232	1.86E-01	30139979	30140102	NC_000006.11
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cg08309183	5.19E-12	2.95E-13	7.83	19.2128677	1.25E-01	150674375	150674498	NC_000007.13
cg06682197	5.19E-12	2.95E-13	7.83	19.2128609	2.04E-01	88324879	88325002	NC_000013.10
cg15020425	5.20E-12	2.95E-13	7.83	19.2119021	1.68E-01	69633716	69633839	NC_000011.9
cg02646491	5.22E-12	2.96E-13	7.83	19.2074302	1.41E-01	2890710	2890833	NC_000011.9
cg13644317	5.24E-12	2.97E-13	7.83	19.2048504	1.83E-01	70536461	70536584	NC_000018.9
cg03120091	5.24E-12	2.97E-13	7.83	19.204227	1.96E-01	132052779	132052902	NC_000008.10
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cg08512702	5.25E-12	2.98E-13	7.83	19.2018121	2.35E-01	13548915	13549038	NC_000004.11
cg23708361	5.25E-12	2.98E-13	7.83	19.20123	2.17E-01	145813432	145813555	NC_000007.13

cg26210445	5.26E-12	2.99E-13	7.83	19.1999881	2.39E-01	162273326	162273449	NC_000002.11
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cg02379973	5.29E-12	3.00E-13	7.83	19.1941634	9.52E-02	57478107	57478230	NC_000012.11
cg19003797	5.31E-12	3.01E-13	7.83	19.1907178	1.99E-01	137819267	137819390	NC_000006.11
cg24645214	5.31E-12	3.02E-13	7.83	19.1895043	2.24E-01	54789978	54790101	NC_000008.10
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cg22976218	5.32E-12	3.02E-13	7.83	19.1875696	1.91E-01	182544321	182544444	NC_000002.11
cg26464221	5.32E-12	3.02E-13	7.83	19.1875259	1.75E-01	119801431	119801554	NC_000005.9
cg03269976	5.33E-12	3.03E-13	7.83	19.1866222	8.15E-02	240658243	240658366	NC_000002.11
cg21296676	5.33E-12	3.03E-13	7.83	19.1865295	1.41E-01	133561660	133561783	NC_000006.11
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cg01678091	5.34E-12	3.03E-13	7.83	19.1843777	1.11E-01	23890686	23890809	NC_000015.9
cg22400703	5.34E-12	3.04E-13	7.83	19.1839213	1.48E-01	68545995	68546118	NC_000002.11
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cg06897145	5.34E-12	3.04E-13	7.83	19.1831139	1.22E-01	3238937	3239060	NC_000016.9
cg23973626	5.35E-12	3.04E-13	7.83	19.1820191	2.15E-02	18451326	18451449	NC_000019.9
cg07035659	5.37E-12	3.05E-13	7.83	19.1781322	1.45E-01	4859975	4860098	NC_000004.11
cg22631350	5.37E-12	3.06E-13	7.83	19.1773635	7.63E-02	22555243	22555366	NC_000008.10
cg26717983	5.38E-12	3.06E-13	7.83	19.1762875	1.89E-01	72596472	72596595	NC_000006.11
cg01045835	5.38E-12	3.06E-13	7.83	19.1760806	1.01E-01	82969530	82969653	NC_000005.9
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cg25460731	5.40E-12	3.07E-13	7.83	19.172847	9.58E-02	67549363	67549486	NC_000002.11

cg25913520	5.41E-12	3.08E-13	7.83	19.1697092	1.43E-01	13524041	13524164	NC_000004.11
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cg07464977	5.44E-12	3.10E-13	7.83	19.1647784	1.90E-01	2097136	2097259	NC_000005.9
cg14660788	5.45E-12	3.10E-13	7.83	19.1630688	9.45E-02	3625312	3625435	NC_000001.10
cg11919837	5.45E-12	3.10E-13	7.83	19.1618245	1.38E-01	57350735	57350858	NC_000008.10
cg14553338	5.47E-12	3.11E-13	7.83	19.1590662	8.70E-02	66689807	66689930	NC_000002.11
cg21920775	5.47E-12	3.11E-13	7.83	19.1586714	2.25E-01	114696641	114696764	NC_000001.10
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cg11718030	5.47E-12	3.12E-13	7.83	19.1580083	1.97E-01	27744363	27744486	NC_000011.9
cg12625300	5.48E-12	3.12E-13	7.83	19.156765	3.94E-02	2959621	2959744	NC_000006.11
cg11929898	5.50E-12	3.13E-13	7.82	19.1531034	1.14E-01	111760010	111760133	NC_000003.11
cg17004711	5.51E-12	3.14E-13	7.82	19.1509694	7.79E-02	4875911	4876034	NC_000007.13
cg11346128	5.51E-12	3.14E-13	7.82	19.1505667	9.28E-02	142465233	142465356	NC_000006.11
cg19754554	5.52E-12	3.14E-13	7.82	19.149381	1.73E-01	66258687	66258810	NC_000001.10
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cg09879526	5.55E-12	3.16E-13	7.82	19.1429292	3.56E-02	243652762	243652885	NC_000001.10
cg25367890	5.57E-12	3.18E-13	7.82	19.1395356	2.99E-02	67815048	67815171	NC_000011.9
cg01519784	5.57E-12	3.18E-13	7.82	19.1391891	1.83E-01	36450896	36451019	NC_000019.9
cg12930573	5.57E-12	3.18E-13	7.82	19.1389442	2.08E-02	182971009	182971132	NC_000003.11
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cg20611276	5.58E-12	3.18E-13	7.82	19.1368464	1.77E-01	133561866	133561989	NC_000006.11



cg01791874	5.59E-12	3.19E-13	7.82	19.1360276	2.23E-01	16180055	16180178	NC_000005.9
cg22052948	5.59E-12	3.19E-13	7.82	19.135513	1.79E-01	140778342	140778465	NC_000005.9
cg22717825	5.59E-12	3.19E-13	7.82	19.1353622	7.87E-02	20250298	20250421	NC_000001.10
cg16208657	5.62E-12	3.21E-13	7.82	19.130315	1.42E-01	68119293	68119416	NC_000015.9
cg13210260	5.62E-12	3.21E-13	7.82	19.1296157	1.76E-01	50889294	50889417	NC_000001.10
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cg21688264	5.64E-12	3.22E-13	7.82	19.1264834	2.19E-01	84418724	84418847	NC_000006.11
cg08084616	5.64E-12	3.22E-13	7.82	19.1256316	1.83E-01	132110831	132110954	NC_000002.11
cg23407561	5.65E-12	3.22E-13	7.82	19.1248243	6.54E-02	113544232	113544355	NC_000002.11
cg26123605	5.65E-12	3.22E-13	7.82	19.1244631	2.09E-01	147141614	147141737	NC_000003.11
cg17479280	5.66E-12	3.23E-13	7.82	19.1228764	1.24E-01	156466088	156466211	NC_000001.10
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cg05735384	5.69E-12	3.25E-13	7.82	19.1176065	1.67E-01	32639426	32639549	NC_000015.9
cg18848394	5.69E-12	3.25E-13	7.82	19.1173462	1.13E-01	39597909	39598032	NC_000017.10
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cg17457637	5.69E-12	3.25E-13	7.82	19.1159525	1.58E-01	27170717	27170840	NC_000007.13
cg02644867	5.69E-12	3.25E-13	7.82	19.1158427	1.63E-01	1271057	1271180	NC_000019.9
cg02964287	5.70E-12	3.26E-13	7.82	19.1141273	9.51E-02	28887830	28887953	NC_000016.9
cg25175900	5.71E-12	3.26E-13	7.82	19.1129599	8.50E-02	22854001	22854124	NC_000012.11
cg15213604	5.71E-12	3.26E-13	7.82	19.1128824	1.17E-01	79890769	79890892	NC_000017.10
cg23089838	5.71E-12	3.26E-13	7.82	19.1128682	1.91E-01	13424419	13424542	NC_000008.10
cg12676149	5.71E-12	3.26E-13	7.82	19.1123301	1.93E-01	30139634	30139757	NC_000006.11
cg07639287	5.73E-12	3.27E-13	7.82	19.1098568	1.50E-01	17850911	17851034	NC_000022.10
cg01891966	5.73E-12	3.28E-13	7.82	19.109121	1.37E-01	27202344	27202467	NC_000007.13
cg26498616	5.74E-12	3.28E-13	7.82	19.1079382	1.24E-01	1223240	1223363	NC_000005.9

cg01972843	5.74E-12	3.28E-13	7.82	19.107504	1.26E-01	17680706	17680829	NC_000022.10
cg00923458	5.75E-12	3.29E-13	7.82	19.1057104	4.09E-02	168514532	168514655	NC_000001.10
cg12246165	5.77E-12	3.30E-13	7.82	19.1014556	5.45E-02	46972489	46972612	NC_000021.8
cg20996351	5.78E-12	3.31E-13	7.82	19.100049	1.45E-01	27687232	27687355	NC_000001.10
cg19084726	5.79E-12	3.31E-13	7.82	19.0991397	1.98E-01	145075538	145075661	NC_000001.10
cg09809416	5.80E-12	3.32E-13	7.82	19.0960364	1.34E-01	151970131	151970254	NC_000001.10
cg04854226	5.81E-12	3.32E-13	7.81	19.0947672	1.56E-01	96910513	96910636	NC_000015.9
cg03835158	5.82E-12	3.33E-13	7.81	19.0935508	3.68E-02	52773607	52773730	NC_000008.10
cg19445269	5.84E-12	3.34E-13	7.81	19.089954	7.97E-02	39171830	39171953	NC_000002.11
cg08202494	5.84E-12	3.34E-13	7.81	19.0896745	1.41E-01	99961545	99961668	NC_000008.10
cg24843380	5.84E-12	3.34E-13	7.81	19.0891045	2.48E-01	178367827	178367950	NC_000005.9
cg04217778	5.86E-12	3.35E-13	7.81	19.0865213	1.96E-01	5111916	5112039	NC_000007.13
cg23055499	5.87E-12	3.36E-13	7.81	19.0840959	9.21E-02	51847363	51847486	NC_000012.11
cg21645973	5.87E-12	3.36E-13	7.81	19.0840405	9.52E-02	17914070	17914193	NC_000001.10
cg05470523	5.87E-12	3.36E-13	7.81	19.0836238	1.55E-01	49814781	49814904	NC_000007.13
cg15617139	5.89E-12	3.37E-13	7.81	19.0805565	4.19E-02	130731583	130731706	NC_000011.9
cg10989326	5.90E-12	3.38E-13	7.81	19.0793302	6.29E-02	93258908	93259031	NC_000001.10
cg10082589	5.90E-12	3.38E-13	7.81	19.0789556	1.18E-01	192712920	192713043	NC_000002.11
cg24985672	5.90E-12	3.38E-13	7.81	19.0777798	1.41E-01	67600231	67600354	NC_000015.9
cg06800421	5.91E-12	3.38E-13	7.81	19.0769081	5.78E-02	93854668	93854791	NC_000010.10
cg18404513	5.91E-12	3.39E-13	7.81	19.0760524	1.00E-01	48587440	48587563	NC_000008.10
cg27134816	5.92E-12	3.39E-13	7.81	19.0758857	1.96E-01	102569815	102569938	NC_000013.10
cg07326665	5.92E-12	3.39E-13	7.81	19.075253	1.14E-01	334445	334568	NC_000016.9
cg01352175	5.92E-12	3.39E-13	7.81	19.0751607	1.50E-01	44773985	44774108	NC_000018.9
cg22043168	5.92E-12	3.39E-13	7.81	19.0742633	2.19E-01	27741077	27741200	NC_000011.9

cg24359109	5.94E-12	3.40E-13	7.81	19.0715125	1.60E-01	245772794	245772917	NC_000001.10
cg19397321	5.94E-12	3.40E-13	7.81	19.0710739	3.02E-02	43404741	43404864	NC_000018.9
cg06607919	5.94E-12	3.40E-13	7.81	19.0707723	1.75E-01	80549797	80549920	NC_000002.11
cg08884928	5.94E-12	3.41E-13	7.81	19.070597	1.53E-01	57431996	57432119	NC_000017.10
cg26220673	5.96E-12	3.42E-13	7.81	19.0674799	1.49E-01	221064700	221064823	NC_000001.10
cg04178266	5.97E-12	3.42E-13	7.81	19.0665898	1.77E-01	41258790	41258913	NC_000004.11
cg05393563	5.97E-12	3.42E-13	7.81	19.0659208	1.65E-02	45672071	45672194	NC_000001.10
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cg06129556	5.98E-12	3.43E-13	7.81	19.0643187	3.94E-02	64634880	64635003	NC_000015.9
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cg03982801	5.99E-12	3.43E-13	7.81	19.0622436	1.33E-01	27168688	27168811	NC_000007.13
cg00133595	5.99E-12	3.44E-13	7.81	19.0617271	2.65E-01	31228059	31228182	NC_000016.9
cg04875212	6.00E-12	3.44E-13	7.81	19.0612234	1.02E-01	67830554	67830677	NC_000014.8
cg00436254	6.01E-12	3.44E-13	7.81	19.0595703	1.12E-01	127862614	127862737	NC_000002.11
cg16103732	6.01E-12	3.45E-13	7.81	19.0585577	4.81E-02	86370663	86370786	NC_000013.10
cg15805540	6.03E-12	3.46E-13	7.81	19.055385	1.87E-01	64286415	64286538	NC_000006.11
cg21293902	6.03E-12	3.46E-13	7.81	19.0550701	1.11E-01	49994097	49994220	NC_000019.9
cg19529273	6.08E-12	3.49E-13	7.81	19.0477542	4.41E-02	63274743	63274866	NC_000011.9
cg24842760	6.08E-12	3.49E-13	7.81	19.0476616	1.63E-01	133561719	133561842	NC_000006.11
cg07197785	6.09E-12	3.49E-13	7.81	19.0459375	1.94E-01	111813690	111813813	NC_000001.10
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cg01755562	6.09E-12	3.49E-13	7.81	19.0454105	1.97E-01	139653545	139653668	NC_000003.11
cg26522297	6.09E-12	3.50E-13	7.81	19.0443456	1.46E-01	115829838	115829961	NC_000011.9
cg10680051	6.10E-12	3.50E-13	7.81	19.0436215	2.50E-01	124735089	124735212	NC_000011.9

cg11142705	6.12E-12	3.51E-13	7.81	19.0401623	2.12E-01	42306974	42307097	NC_000003.11
cg08916646	6.12E-12	3.51E-13	7.81	19.0400243	6.52E-02	122526031	122526154	NC_000008.10
cg15790526	6.15E-12	3.53E-13	7.8	19.03428	1.36E-01	123711842	123711965	NC_000003.11
cg01650245	6.15E-12	3.53E-13	7.8	19.0340437	7.43E-02	105626788	105626911	NC_000012.11
cg01883425	6.16E-12	3.54E-13	7.8	19.0337344	1.47E-01	41606770	41606893	NC_000006.11
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cg00339556	6.16E-12	3.54E-13	7.8	19.0331813	2.21E-01	16180048	16180171	NC_000005.9
cg08506654	6.20E-12	3.56E-13	7.8	19.0267196	1.50E-01	172673098	172673221	NC_000005.9
cg17633592	6.21E-12	3.57E-13	7.8	19.0241992	1.84E-01	112758599	112758722	NC_000013.10
cg00041641	6.21E-12	3.57E-13	7.8	19.0237972	7.09E-02	151024614	151024737	NC_000001.10
cg27107094	6.23E-12	3.58E-13	7.8	19.0220676	1.04E-01	37768915	37769038	NC_000022.10
cg17453780	6.24E-12	3.59E-13	7.8	19.0187684	2.08E-01	113013048	113013171	NC_000012.11
cg13389502	6.26E-12	3.60E-13	7.8	19.0165059	1.11E-01	1961440	1961563	NC_000017.10
cg18063493	6.26E-12	3.60E-13	7.8	19.0153649	2.23E-02	43196221	43196344	NC_000017.10
cg26866452	6.28E-12	3.61E-13	7.8	19.0126561	8.52E-02	77857909	77858032	NC_000015.9
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cg25881804	6.31E-12	3.63E-13	7.8	19.0081662	2.43E-01	21081901	21082024	NC_000020.10
cg08702941	6.33E-12	3.64E-13	7.8	19.004687	8.43E-02	42155308	42155431	NC_000004.11
cg22601348	6.34E-12	3.64E-13	7.8	19.0036358	2.39E-01	69243904	69244027	NC_000008.10
cg16499166	6.35E-12	3.65E-13	7.8	19.00099	4.20E-02	88808981	88809104	NC_000016.9
cg11754900	6.35E-12	3.66E-13	7.8	19.0007388	6.86E-02	101758860	101758983	NC_000004.11
cg26236177	6.37E-12	3.66E-13	7.8	18.9982185	1.95E-01	61110649	61110772	NC_000014.8
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cg06103218	6.40E-12	3.69E-13	7.8	18.9925657	1.58E-01	2073751	2073874	NC_000004.11

cg25114781	6.41E-12	3.69E-13	7.8	18.990574	1.45E-01	92996919	92997042	NC_000014.8
cg13543106	6.42E-12	3.70E-13	7.8	18.9899862	1.27E-01	90086806	90086929	NC_000003.11
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cg01287975	6.45E-12	3.71E-13	7.8	18.9851856	2.14E-01	97361241	97361364	NC_000007.13
cg25144111	6.46E-12	3.72E-13	7.8	18.9834062	6.28E-02	127796312	127796435	NC_000006.11
cg27345346	6.47E-12	3.73E-13	7.8	18.9813509	7.82E-02	36259144	36259267	NC_000019.9
cg12612393	6.48E-12	3.73E-13	7.8	18.9803599	1.35E-01	3474376	3474499	NC_000001.10
cg07872979	6.50E-12	3.75E-13	7.79	18.9761723	1.09E-01	94771165	94771288	NC_000011.9
cg13951074	6.52E-12	3.76E-13	7.79	18.9730561	1.47E-01	1045628	1045751	NC_000009.11
cg11655243	6.52E-12	3.76E-13	7.79	18.9726921	1.82E-01	140778396	140778519	NC_000005.9
cg09832102	6.53E-12	3.77E-13	7.79	18.9713194	1.26E-01	75503269	75503392	NC_000017.10
cg20411075	6.53E-12	3.77E-13	7.79	18.9711476	4.18E-02	21677723	21677846	NC_000013.10
cg26202847	6.54E-12	3.77E-13	7.79	18.9696893	1.68E-01	153855353	153855476	NC_000005.9
cg11732619	6.55E-12	3.77E-13	7.79	18.9692316	2.10E-01	168728076	168728199	NC_000005.9
cg17192381	6.55E-12	3.78E-13	7.79	18.9688136	1.19E-01	60792598	60792721	NC_000018.9
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cg04419610	6.56E-12	3.78E-13	7.79	18.9676697	1.88E-01	48946564	48946687	NC_000019.9
cg20887073	6.56E-12	3.78E-13	7.79	18.9671799	1.63E-01	10381764	10381887	NC_000006.11
cg17856495	6.57E-12	3.79E-13	7.79	18.9654613	5.33E-02	1691867	1691990	NC_000012.11
cg24977338	6.57E-12	3.79E-13	7.79	18.9652271	1.15E-01	113188963	113189086	NC_000002.11
cg02509825	6.59E-12	3.80E-13	7.79	18.9618897	1.55E-01	56015399	56015522	NC_000008.10
cg20139338	6.59E-12	3.80E-13	7.79	18.9617154	1.74E-01	64120656	64120779	NC_000011.9
cg10217445	6.59E-12	3.80E-13	7.79	18.9613866	1.65E-01	34397784	34397907	NC_000021.8
cg17018021	6.60E-12	3.81E-13	7.79	18.9608631	7.43E-02	1029394	1029517	NC_000017.10
cg21748223	6.62E-12	3.82E-13	7.79	18.9578896	1.96E-01	164264853	164264976	NC_000004.11

cg02005600	6.62E-12	3.82E-13	7.79	18.957879	1.51E-01	27183686	27183809	NC_000007.13
cg11573170	6.62E-12	3.82E-13	7.79	18.9568379	1.40E-01	556762	556885	NC_000010.10
cg02216246	6.64E-12	3.83E-13	7.79	18.9540047	2.20E-01	128564756	128564879	NC_000011.9
cg17277892	6.67E-12	3.85E-13	7.79	18.9499048	2.14E-01	69591803	69591926	NC_000003.11
cg00997079	6.67E-12	3.85E-13	7.79	18.949453	1.55E-01	80529990	80530113	NC_000002.11
cg06959053	6.67E-12	3.85E-13	7.79	18.949224	1.98E-01	79382548	79382671	NC_000015.9
cg07895132	6.67E-12	3.85E-13	7.79	18.9490992	1.28E-01	33825172	33825295	NC_000017.10
cg25967612	6.67E-12	3.85E-13	7.79	18.9486821	9.08E-02	59482691	59482814	NC_000011.9
cg27599792	6.68E-12	3.85E-13	7.79	18.9483882	1.22E-01	140792992	140793115	NC_000005.9
cg07751669	6.68E-12	3.86E-13	7.79	18.9482244	1.28E-01	114546247	114546370	NC_000009.11
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cg27129048	6.69E-12	3.86E-13	7.79	18.9461412	1.46E-01	92938576	92938699	NC_000015.9
cg14549051	6.69E-12	3.87E-13	7.79	18.9457272	7.60E-02	201131810	201131933	NC_000002.11
cg19819285	6.69E-12	3.87E-13	7.79	18.9455909	1.59E-01	58545290	58545413	NC_000019.9
cg26282762	6.71E-12	3.88E-13	7.79	18.9430877	1.50E-01	1356444	1356567	NC_000019.9
cg10967023	6.72E-12	3.88E-13	7.79	18.9408988	2.12E-01	115134886	115135009	NC_000012.11
cg14492293	6.74E-12	3.90E-13	7.79	18.9374329	1.83E-01	139093852	139093975	NC_000009.11
cg22063654	6.75E-12	3.90E-13	7.79	18.9372354	1.60E-01	72758701	72758824	NC_000008.10
cg22544416	6.75E-12	3.90E-13	7.79	18.9370042	6.41E-02	46859899	46860022	NC_000022.10
cg26988213	6.77E-12	3.91E-13	7.79	18.9340018	8.30E-02	128496531	128496654	NC_000007.13
cg13891768	6.78E-12	3.92E-13	7.79	18.932195	1.97E-01	111536024	111536147	NC_000004.11
cg19418922	6.78E-12	3.92E-13	7.79	18.932072	6.56E-02	44265840	44265963	NC_000011.9
cg06302566	6.79E-12	3.92E-13	7.79	18.9307531	1.29E-01	121150686	121150809	NC_000012.11
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cg01667646	6.80E-12	3.93E-13	7.79	18.9288573	2.06E-01	84116018	84116141	NC_000015.9

cg13790906	6.80E-12	3.93E-13	7.79	18.928251	4.60E-02	20564145	20564268	NC_000015.9
cg09491536	6.80E-12	3.93E-13	7.79	18.9281937	1.36E-01	3787915	3788038	NC_000005.9
cg18257839	6.81E-12	3.94E-13	7.79	18.9276345	4.33E-02	63369284	63369407	NC_000015.9
cg20249252	6.81E-12	3.94E-13	7.79	18.9271176	2.10E-01	114852308	114852431	NC_000012.11
cg23272088	6.82E-12	3.95E-13	7.79	18.9255898	2.23E-01	2504813	2504936	NC_000011.9
cg01255486	6.83E-12	3.95E-13	7.79	18.9247691	1.42E-01	112199323	112199446	NC_000005.9
cg25461249	6.83E-12	3.95E-13	7.79	18.9241373	1.54E-01	1019317	1019440	NC_000008.10
cg17081489	6.86E-12	3.97E-13	7.79	18.919865	7.78E-02	177953700	177953823	NC_000001.10
cg19846491	6.86E-12	3.97E-13	7.79	18.9191881	1.62E-01	79322924	79323047	NC_000017.10
cg20727555	6.88E-12	3.98E-13	7.78	18.9165163	4.57E-02	57910480	57910603	NC_000012.11
cg16512661	6.88E-12	3.98E-13	7.78	18.9163744	1.24E-01	2743620	2743743	NC_000005.9
cg18693395	6.89E-12	3.99E-13	7.78	18.9148474	2.37E-01	52735421	52735544	NC_000014.8
cg03417156	6.89E-12	3.99E-13	7.78	18.9148031	8.70E-02	14043646	14043769	NC_000019.9
cg00768993	6.89E-12	3.99E-13	7.78	18.9144629	1.90E-01	200335874	200335997	NC_000002.11
cg20449726	6.90E-12	3.99E-13	7.78	18.9137508	1.33E-01	15276987	15277110	NC_000001.10
cg06204735	6.90E-12	3.99E-13	7.78	18.9133223	2.50E-01	74892986	74893109	NC_000014.8
cg14925024	6.90E-12	4.00E-13	7.78	18.9126764	1.56E-01	228291705	228291828	NC_000001.10
cg09246253	6.91E-12	4.00E-13	7.78	18.9117798	8.40E-02	5643021	5643144	NC_000007.13
cg14392725	6.92E-12	4.01E-13	7.78	18.9106278	7.58E-02	109893226	109893349	NC_000009.11
cg00326251	6.92E-12	4.01E-13	7.78	18.9096919	1.33E-01	23262648	23262771	NC_000008.10
cg19613624	6.93E-12	4.01E-13	7.78	18.9085124	8.68E-02	56223757	56223880	NC_000020.10
cg02936752	6.93E-12	4.01E-13	7.78	18.9083082	1.37E-01	54963326	54963449	NC_000019.9
cg00178562	6.96E-12	4.03E-13	7.78	18.9041343	7.77E-02	16966354	16966477	NC_000001.10
cg13939055	6.96E-12	4.03E-13	7.78	18.9039127	1.25E-01	244094869	244094992	NC_000001.10
cg24345260	6.97E-12	4.04E-13	7.78	18.9018951	5.62E-02	2952979	2953102	NC_000007.13

cg22398359	6.98E-12	4.05E-13	7.78	18.9008576	5.73E-02	53558066	53558189	NC_000001.10
cg19707326	6.99E-12	4.05E-13	7.78	18.8991686	7.77E-02	24787611	24787734	NC_000014.8
cg23730788	6.99E-12	4.05E-13	7.78	18.8988054	8.97E-02	241581277	241581400	NC_000002.11
cg26276327	7.00E-12	4.06E-13	7.78	18.8977153	1.49E-01	247511469	247511592	NC_000001.10
cg19807257	7.01E-12	4.06E-13	7.78	18.8970624	2.32E-01	46951354	46951477	NC_000001.10
cg15126179	7.01E-12	4.06E-13	7.78	18.8968222	1.27E-01	79181338	79181461	NC_000013.10
cg12277789	7.02E-12	4.07E-13	7.78	18.8954544	1.13E-01	125033770	125033893	NC_000010.10
cg07828169	7.02E-12	4.07E-13	7.78	18.895129	1.14E-01	132114623	132114746	NC_000005.9
cg26368049	7.03E-12	4.08E-13	7.78	18.8932742	9.60E-02	49572730	49572853	NC_000003.11
cg11973479	7.06E-12	4.09E-13	7.78	18.8892958	1.66E-01	19152073	19152196	NC_000007.13
cg24651824	7.07E-12	4.10E-13	7.78	18.8874501	4.91E-02	104117048	104117171	NC_000004.11
cg19103770	7.09E-12	4.11E-13	7.78	18.8850808	1.71E-01	93520566	93520689	NC_000007.13
cg04396462	7.09E-12	4.11E-13	7.78	18.8850609	3.56E-02	63082613	63082736	NC_000003.11
cg20275739	7.10E-12	4.12E-13	7.78	18.8829097	5.09E-02	26692284	26692407	NC_000017.10
cg22265452	7.11E-12	4.12E-13	7.78	18.8821273	7.42E-02	213697031	213697154	NC_000002.11
cg05707116	7.11E-12	4.12E-13	7.78	18.8821115	1.11E-01	88924001	88924124	NC_000002.11
cg06539804	7.11E-12	4.13E-13	7.78	18.8812372	2.31E-01	2781489	2781612	NC_000020.10
cg12616941	7.11E-12	4.13E-13	7.78	18.8809018	1.63E-01	22612797	22612920	NC_000010.10
cg06889951	7.15E-12	4.15E-13	7.78	18.8759927	4.42E-02	69625218	69625341	NC_000011.9
cg00011459	7.15E-12	4.15E-13	7.78	18.8759272	4.67E-02	8890425	8890548	NC_000016.9
cg03202077	7.15E-12	4.15E-13	7.78	18.8752675	1.99E-01	28338836	28338959	NC_000021.8
cg01986717	7.17E-12	4.17E-13	7.78	18.871889	1.34E-01	35535021	35535144	NC_000019.9
cg06132028	7.19E-12	4.17E-13	7.78	18.8699023	1.96E-01	133562466	133562589	NC_000006.11
cg15917438	7.19E-12	4.18E-13	7.78	18.8696601	1.16E-01	170169088	170169211	NC_000005.9
cg26649384	7.19E-12	4.18E-13	7.78	18.8694124	2.11E-01	154334651	154334774	NC_000002.11



cg07595776	7.20E-12	4.18E-13	7.78	18.8675554	1.55E-01	77253990	77254113	NC_000005.9
cg06377964	7.21E-12	4.19E-13	7.78	18.866929	7.05E-02	129429172	129429295	NC_000012.11
cg17426084	7.21E-12	4.19E-13	7.78	18.8666529	1.07E-01	2293552	2293675	NC_000011.9
cg00557959	7.21E-12	4.19E-13	7.78	18.8663769	1.65E-01	113296414	113296537	NC_000013.10
cg21127999	7.22E-12	4.19E-13	7.78	18.8653044	7.69E-02	168476501	168476624	NC_000006.11
cg20987323	7.22E-12	4.20E-13	7.78	18.864855	7.89E-02	1474011	1474134	NC_000007.13
cg05467160	7.23E-12	4.20E-13	7.78	18.8643831	1.65E-01	176945526	176945649	NC_000002.11
cg21112485	7.23E-12	4.20E-13	7.78	18.8642337	2.52E-02	11808413	11808536	NC_000001.10
cg03428109	7.23E-12	4.20E-13	7.78	18.8641859	8.84E-02	207118288	207118411	NC_000002.11
cg06942701	7.23E-12	4.20E-13	7.78	18.8628827	1.04E-01	162280009	162280132	NC_000002.11
cg13301733	7.25E-12	4.21E-13	7.78	18.8613245	6.90E-02	114050884	114051007	NC_000002.11
cg27569203	7.26E-12	4.22E-13	7.78	18.8597949	4.64E-02	46835135	46835258	NC_000022.10
cg08697689	7.27E-12	4.23E-13	7.77	18.8575855	1.68E-01	84457340	84457463	NC_000013.10
cg19675103	7.30E-12	4.24E-13	7.77	18.8537515	1.08E-01	47513375	47513498	NC_000004.11
cg06053376	7.30E-12	4.25E-13	7.77	18.8528623	6.23E-02	139055122	139055245	NC_000005.9
cg16406892	7.31E-12	4.25E-13	7.77	18.852282	1.77E-01	115118777	115118900	NC_000012.11
cg22686132	7.35E-12	4.28E-13	7.77	18.8460083	2.00E-01	28725957	28726080	NC_000006.11
cg00905524	7.38E-12	4.29E-13	7.77	18.8422431	1.08E-01	27206907	27207030	NC_000007.13
cg02562431	7.38E-12	4.30E-13	7.77	18.8417321	2.17E-01	134070369	134070492	NC_000004.11
cg17307479	7.40E-12	4.31E-13	7.77	18.8386583	2.11E-01	65494101	65494224	NC_000008.10
cg18394881	7.40E-12	4.31E-13	7.77	18.8384643	6.25E-02	3512777	3512900	NC_000001.10
cg10636403	7.41E-12	4.31E-13	7.77	18.8377726	2.16E-01	27136486	27136609	NC_000007.13
cg15180789	7.42E-12	4.32E-13	7.77	18.8359058	1.43E-01	159557797	159557920	NC_000003.11
cg02339752	7.43E-12	4.32E-13	7.77	18.8353709	9.82E-02	86549705	86549828	NC_000016.9
cg09418063	7.43E-12	4.32E-13	7.77	18.8352786	1.91E-01	22193540	22193663	NC_000019.9

cg07546139	7.43E-12	4.33E-13	7.77	18.8345743	1.66E-01	92907553	92907676	NC_000005.9
cg09788416	7.44E-12	4.33E-13	7.77	18.8332833	2.08E-01	39539408	39539531	NC_000012.11
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cg13910989	7.45E-12	4.34E-13	7.77	18.8311583	8.53E-02	176020401	176020524	NC_000005.9
cg03846892	7.46E-12	4.34E-13	7.77	18.8310003	3.90E-02	178675021	178675144	NC_000001.10
cg01106926	7.47E-12	4.35E-13	7.77	18.8290325	1.50E-01	13539255	13539378	NC_000004.11
cg08010619	7.47E-12	4.35E-13	7.77	18.8285739	6.14E-02	9769192	9769315	NC_000011.9
cg25971347	7.49E-12	4.36E-13	7.77	18.8264996	2.47E-01	86544339	86544462	NC_000016.9
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cg14765959	7.55E-12	4.40E-13	7.77	18.8173281	2.36E-01	106429316	106429439	NC_000006.11
cg24805559	7.56E-12	4.41E-13	7.77	18.8168225	5.09E-02	115786178	115786301	NC_000012.11
cg20699463	7.58E-12	4.42E-13	7.77	18.8131584	6.21E-02	23785143	23785266	NC_000002.11
cg24740218	7.60E-12	4.43E-13	7.77	18.8113703	1.42E-01	114075947	114076070	NC_000012.11
cg08528826	7.60E-12	4.43E-13	7.77	18.8109958	2.09E-01	139168305	139168428	NC_000007.13
cg27232145	7.60E-12	4.43E-13	7.77	18.8108758	1.59E-01	130647289	130647412	NC_000012.11
cg26483809	7.60E-12	4.44E-13	7.77	18.8102309	6.11E-02	90377257	90377380	NC_000015.9
cg27570892	7.62E-12	4.44E-13	7.77	18.8086366	1.33E-01	14160542	14160665	NC_000003.11
cg15657785	7.63E-12	4.45E-13	7.77	18.8059976	7.85E-02	155613360	155613483	NC_000007.13
cg20347882	7.66E-12	4.47E-13	7.77	18.8030989	1.85E-01	155166554	155166677	NC_000007.13
cg01458605	7.69E-12	4.48E-13	7.77	18.7992729	2.01E-01	147128679	147128802	NC_000003.11
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cg16544704	7.69E-12	4.49E-13	7.77	18.7990218	1.10E-01	44037277	44037400	NC_000021.8
cg03133987	7.69E-12	4.49E-13	7.77	18.7988727	1.19E-01	2053563	2053686	NC_000016.9
cg16770832	7.69E-12	4.49E-13	7.76	18.7980504	1.39E-01	56604516	56604639	NC_000014.8

cg05801246	7.71E-12	4.50E-13	7.76	18.7960476	1.67E-01	125651549	125651672	NC_000010.10
cg26790247	7.72E-12	4.50E-13	7.76	18.7949953	1.81E-01	147108512	147108635	NC_000003.11
cg21609339	7.72E-12	4.51E-13	7.76	18.7944976	1.45E-01	44650270	44650393	NC_000020.10
cg16001495	7.72E-12	4.51E-13	7.76	18.7940409	1.85E-01	38080526	38080649	NC_000021.8
cg13502741	7.73E-12	4.51E-13	7.76	18.793296	2.04E-01	31848488	31848611	NC_000011.9
cg06649639	7.75E-12	4.52E-13	7.76	18.7908592	1.03E-01	154983995	154984118	NC_000001.10
cg19694010	7.76E-12	4.53E-13	7.76	18.7886684	2.43E-01	130645520	130645643	NC_000012.11
cg08944029	7.79E-12	4.55E-13	7.76	18.7852961	1.37E-01	112553445	112553568	NC_000005.9
cg17211890	7.80E-12	4.55E-13	7.76	18.7841519	1.37E-01	94906892	94907015	NC_000010.10
cg00674681	7.80E-12	4.55E-13	7.76	18.7840134	8.59E-02	50517357	50517480	NC_000014.8
cg13013975	7.82E-12	4.57E-13	7.76	18.7803606	3.73E-02	98581010	98581133	NC_000007.13
cg19537969	7.83E-12	4.57E-13	7.76	18.7801015	1.06E-01	91357909	91358032	NC_000012.11
cg13411015	7.83E-12	4.57E-13	7.76	18.7798958	1.65E-01	57274900	57275023	NC_000014.8
cg12746059	7.83E-12	4.58E-13	7.76	18.7792888	1.94E-01	134070389	134070512	NC_000004.11
cg10586883	7.83E-12	4.58E-13	7.76	18.7791055	1.04E-01	79312681	79312804	NC_000017.10
cg05476568	7.83E-12	4.58E-13	7.76	18.7787545	2.14E-01	153840109	153840232	NC_000003.11
cg11943209	7.85E-12	4.59E-13	7.76	18.7769966	1.40E-01	19553321	19553444	NC_000002.11
cg00676030	7.85E-12	4.59E-13	7.76	18.7768239	1.03E-01	38307962	38308085	NC_000008.10
cg23502639	7.85E-12	4.59E-13	7.76	18.7761411	1.56E-01	5402883	5403006	NC_000017.10
cg17746625	7.88E-12	4.61E-13	7.76	18.7725686	1.17E-01	150247007	150247130	NC_000006.11
cg13786089	7.89E-12	4.61E-13	7.76	18.771266	1.56E-01	3869086	3869209	NC_000019.9
cg04032181	7.91E-12	4.63E-13	7.76	18.7687901	7.37E-02	49382422	49382545	NC_000008.10
cg12907702	7.92E-12	4.63E-13	7.76	18.767736	1.50E-01	177133734	177133857	NC_000001.10
cg23076550	7.93E-12	4.64E-13	7.76	18.7663141	9.87E-02	5843661	5843784	NC_000019.9
cg26348254	7.93E-12	4.64E-13	7.76	18.7662391	6.56E-02	49265006	49265129	NC_000015.9

cg18268547	7.94E-12	4.64E-13	7.76	18.7651232	1.65E-01	79615552	79615675	NC_000017.10
cg25121513	7.94E-12	4.64E-13	7.76	18.7647961	1.50E-01	25898206	25898329	NC_000007.13
cg04180823	7.96E-12	4.66E-13	7.76	18.761614	7.88E-02	167652028	167652151	NC_000006.11
cg04618219	7.97E-12	4.66E-13	7.76	18.7609846	5.66E-02	144902581	144902704	NC_000008.10
cg13434989	7.99E-12	4.68E-13	7.76	18.7581314	2.54E-01	78493305	78493428	NC_000013.10
cg10126234	8.02E-12	4.69E-13	7.76	18.7546898	1.41E-01	104195533	104195656	NC_000014.8
cg05230054	8.03E-12	4.70E-13	7.76	18.7527105	1.91E-01	34175419	34175542	NC_000019.9
cg23244790	8.03E-12	4.70E-13	7.76	18.7526678	1.99E-01	140811102	140811225	NC_000005.9
cg24722073	8.09E-12	4.73E-13	7.76	18.74575	1.81E-01	41882163	41882286	NC_000004.11
cg05396987	8.09E-12	4.74E-13	7.76	18.7454767	1.92E-01	122686269	122686392	NC_000004.11
cg20936172	8.09E-12	4.74E-13	7.76	18.7454625	8.11E-02	142533635	142533758	NC_000008.10
cg13042636	8.10E-12	4.74E-13	7.76	18.7442287	4.66E-02	122218807	122218930	NC_000012.11
cg19721867	8.10E-12	4.74E-13	7.76	18.7441221	2.15E-01	119001066	119001189	NC_000010.10
cg16392691	8.11E-12	4.75E-13	7.76	18.7429424	1.46E-01	28587771	28587894	NC_000001.10
cg16500497	8.11E-12	4.75E-13	7.76	18.7419801	8.70E-02	42427639	42427762	NC_000017.10
cg08582701	8.12E-12	4.75E-13	7.76	18.7417664	1.50E-01	6070005	6070128	NC_000016.9
cg03785456	8.13E-12	4.76E-13	7.76	18.7405064	9.42E-02	134255543	134255666	NC_000002.11
cg02380878	8.13E-12	4.76E-13	7.76	18.7404138	9.77E-02	1136618	1136741	NC_000005.9
cg21819468	8.13E-12	4.76E-13	7.76	18.740398	2.16E-01	13910569	13910692	NC_000001.10
cg25514273	8.15E-12	4.78E-13	7.75	18.7372464	1.84E-01	70681804	70681927	NC_000013.10
cg09551147	8.15E-12	4.78E-13	7.75	18.7368224	2.07E-01	106399957	106400080	NC_000010.10
cg25959472	8.16E-12	4.78E-13	7.75	18.7357283	1.46E-01	171384415	171384538	NC_000005.9
cg26584743	8.17E-12	4.79E-13	7.75	18.7348431	6.27E-02	31711736	31711859	NC_000006.11
cg04211018	8.17E-12	4.79E-13	7.75	18.7341027	1.30E-01	62783533	62783656	NC_000001.10
cg12964065	8.19E-12	4.80E-13	7.75	18.7315612	5.01E-02	77638022	77638145	NC_000018.9

cg00650809	8.21E-12	4.81E-13	7.75	18.7294255	1.72E-01	17439339	17439462	NC_000019.9
cg22022798	8.23E-12	4.83E-13	7.75	18.7268561	1.56E-01	221065961	221066084	NC_000001.10
cg14914552	8.26E-12	4.84E-13	7.75	18.7232784	1.88E-01	97340188	97340311	NC_000008.10
cg13890706	8.26E-12	4.85E-13	7.75	18.7227086	2.24E-01	118033115	118033238	NC_000010.10
cg05074517	8.28E-12	4.85E-13	7.75	18.721122	9.16E-02	133901760	133901883	NC_000009.11
cg04210082	8.29E-12	4.86E-13	7.75	18.7199772	4.21E-02	109459746	109459869	NC_000008.10
cg06911487	8.29E-12	4.87E-13	7.75	18.7189435	1.41E-01	10024282	10024405	NC_000019.9
cg10059942	8.30E-12	4.87E-13	7.75	18.7184853	1.92E-01	124908488	124908611	NC_000010.10
cg15215348	8.31E-12	4.87E-13	7.75	18.7170021	1.64E-01	18344520	18344643	NC_000019.9
cg00609966	8.31E-12	4.88E-13	7.75	18.716975	2.43E-01	1202819	1202942	NC_000016.9
cg04198308	8.31E-12	4.88E-13	7.75	18.716233	2.24E-01	48971959	48972082	NC_000022.10
cg06221712	8.32E-12	4.88E-13	7.75	18.7157025	7.38E-02	29169423	29169546	NC_000016.9
cg02460314	8.32E-12	4.88E-13	7.75	18.7153789	1.83E-01	101841285	101841408	NC_000010.10
cg24494114	8.33E-12	4.89E-13	7.75	18.713901	1.29E-01	131769343	131769466	NC_000012.11
cg04380873	8.34E-12	4.90E-13	7.75	18.712697	1.05E-01	184089743	184089866	NC_000003.11
cg04914126	8.37E-12	4.91E-13	7.75	18.7094716	1.66E-01	143086405	143086528	NC_000008.10
cg08979895	8.42E-12	4.94E-13	7.75	18.7034614	1.43E-01	111540126	111540249	NC_000004.11
cg16055159	8.42E-12	4.94E-13	7.75	18.7033488	3.79E-02	101446936	101447059	NC_000003.11
cg21481021	8.47E-12	4.97E-13	7.75	18.6972124	7.13E-02	21037291	21037414	NC_000018.9
cg06288251	8.47E-12	4.97E-13	7.75	18.6970108	2.21E-01	132757087	132757210	NC_000003.11
cg22837767	8.49E-12	4.99E-13	7.75	18.6946258	2.35E-01	21686251	21686374	NC_000020.10
cg16910830	8.53E-12	5.01E-13	7.75	18.6899338	2.37E-01	145813437	145813560	NC_000007.13
cg11532863	8.53E-12	5.01E-13	7.75	18.689336	1.07E-01	19613430	19613553	NC_000001.10
cg00837677	8.55E-12	5.02E-13	7.75	18.6872104	2.81E-02	48372681	48372804	NC_000010.10
cg00984540	8.56E-12	5.03E-13	7.75	18.6859534	7.92E-02	155589293	155589416	NC_000007.13

cg27319123	8.57E-12	5.04E-13	7.75	18.6846273	2.10E-01	30038286	30038409	NC_000011.9
cg08091601	8.60E-12	5.05E-13	7.75	18.6812863	1.65E-01	38248464	38248587	NC_000022.10
cg03603951	8.61E-12	5.06E-13	7.75	18.6797165	2.44E-01	47797488	47797611	NC_000002.11
cg25019648	8.62E-12	5.07E-13	7.74	18.6785477	2.23E-01	72353261	72353384	NC_000017.10
cg13066658	8.62E-12	5.07E-13	7.74	18.6777721	1.83E-01	32449163	32449286	NC_000011.9
cg16420199	8.65E-12	5.09E-13	7.74	18.6742735	2.09E-01	19797965	19798088	NC_000008.10
cg07076845	8.66E-12	5.09E-13	7.74	18.6738634	1.01E-01	103553804	103553927	NC_000014.8
cg08396985	8.67E-12	5.10E-13	7.74	18.6721374	1.69E-01	5896489	5896612	NC_000002.11
cg24364282	8.69E-12	5.11E-13	7.74	18.6703649	7.24E-02	114126759	114126882	NC_000006.11
cg24277791	8.69E-12	5.11E-13	7.74	18.6698041	1.53E-01	103968615	103968738	NC_000007.13
cg13544027	8.69E-12	5.11E-13	7.74	18.6697339	8.21E-02	20465288	20465411	NC_000011.9
cg21713614	8.70E-12	5.12E-13	7.74	18.6681622	1.17E-01	79126719	79126842	NC_000004.11
cg01769521	8.71E-12	5.12E-13	7.74	18.6679764	1.32E-01	142179603	142179726	NC_000008.10
cg02072532	8.71E-12	5.13E-13	7.74	18.6674327	3.56E-02	53926416	53926539	NC_000014.8
cg26552621	8.73E-12	5.14E-13	7.74	18.6656163	1.70E-01	1271019	1271142	NC_000019.9
cg13435820	8.73E-12	5.14E-13	7.74	18.6653367	1.08E-01	115907128	115907251	NC_000012.11
cg04030615	8.73E-12	5.14E-13	7.74	18.6647108	2.64E-01	229569902	229570025	NC_000001.10
cg22337128	8.75E-12	5.15E-13	7.74	18.6631278	2.17E-01	29243404	29243527	NC_000014.8
cg13193455	8.75E-12	5.15E-13	7.74	18.6630875	1.76E-01	38511455	38511578	NC_000001.10
cg06081917	8.83E-12	5.20E-13	7.74	18.6529111	7.32E-02	14762377	14762500	NC_000016.9
cg05466469	8.84E-12	5.21E-13	7.74	18.651672	6.28E-02	157278622	157278745	NC_000006.11
cg23679332	8.86E-12	5.22E-13	7.74	18.6495011	1.30E-01	38129652	38129775	NC_000008.10
cg26843110	8.86E-12	5.22E-13	7.74	18.6494725	1.82E-01	74935742	74935865	NC_000015.9
cg05045332	8.91E-12	5.25E-13	7.74	18.6435826	8.13E-02	32012897	32013020	NC_000006.11
cg25291004	8.92E-12	5.26E-13	7.74	18.6427568	1.64E-01	165305314	165305437	NC_000004.11

cg02569509	8.94E-12	5.27E-13	7.74	18.6405135	1.34E-01	142423070	142423193	NC_000007.13
cg13575339	8.94E-12	5.27E-13	7.74	18.6398505	1.82E-01	74708313	74708436	NC_000014.8
cg24041917	8.96E-12	5.28E-13	7.74	18.637581	1.84E-01	119535986	119536109	NC_000001.10
cg24895052	8.98E-12	5.29E-13	7.74	18.6356734	1.10E-01	41909601	41909724	NC_000017.10
cg24856658	8.98E-12	5.30E-13	7.74	18.6352319	1.82E-01	78533917	78534040	NC_000005.9
cg10230442	8.99E-12	5.30E-13	7.74	18.6346223	1.39E-01	186383752	186383875	NC_000003.11
cg07142201	8.99E-12	5.30E-13	7.74	18.6341003	2.01E-01	109293216	109293339	NC_000011.9
cg03495340	9.00E-12	5.31E-13	7.74	18.6327029	1.71E-01	97685551	97685674	NC_000014.8
cg05487954	9.04E-12	5.33E-13	7.74	18.6285445	1.30E-01	38144887	38145010	NC_000010.10
cg18151410	9.06E-12	5.34E-13	7.74	18.6264027	1.50E-01	92367692	92367815	NC_000015.9
cg05184395	9.09E-12	5.37E-13	7.74	18.622559	1.10E-01	169192573	169192696	NC_000006.11
cg18530551	9.11E-12	5.38E-13	7.74	18.6204784	2.13E-01	172670879	172671002	NC_000005.9
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cg26595643	9.11E-12	5.38E-13	7.73	18.6201708	1.69E-01	118899291	118899414	NC_000010.10
cg01181227	9.13E-12	5.39E-13	7.73	18.6185133	2.02E-01	1399135	1399258	NC_000004.11
cg00150837	9.14E-12	5.40E-13	7.73	18.616874	1.09E-01	52721831	52721954	NC_000003.11
cg26796679	9.14E-12	5.40E-13	7.73	18.6168616	2.53E-01	17849639	17849762	NC_000022.10
cg13267931	9.14E-12	5.40E-13	7.73	18.6164266	2.53E-01	101006308	101006431	NC_000007.13
cg07539798	9.15E-12	5.40E-13	7.73	18.6157087	1.41E-01	140811312	140811435	NC_000005.9
cg09893305	9.17E-12	5.41E-13	7.73	18.6138689	1.15E-01	83017184	83017307	NC_000005.9
cg12565585	9.18E-12	5.42E-13	7.73	18.6129012	1.81E-01	105235943	105236066	NC_000008.10
cg12825070	9.19E-12	5.43E-13	7.73	18.6115983	2.57E-01	148033708	148033831	NC_000005.9
cg22750155	9.20E-12	5.43E-13	7.73	18.610185	2.13E-01	80524253	80524376	NC_000008.10
cg22958047	9.21E-12	5.44E-13	7.73	18.6090548	1.24E-01	96909322	96909445	NC_000015.9
cg00368687	9.23E-12	5.45E-13	7.73	18.6068086	2.01E-01	112758379	112758502	NC_000013.10

cg18106312	9.23E-12	5.45E-13	7.73	18.6067201	2.09E-01	51560488	51560611	NC_000014.8
cg23662448	9.23E-12	5.45E-13	7.73	18.6067019	5.54E-02	109797184	109797307	NC_000012.11
cg20839206	9.23E-12	5.45E-13	7.73	18.6062784	1.17E-01	28584121	28584244	NC_000006.11
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cg22471726	9.32E-12	5.51E-13	7.73	18.5961765	1.91E-01	46719276	46719399	NC_000017.10
cg01088410	9.33E-12	5.52E-13	7.73	18.5943958	2.78E-01	170739179	170739302	NC_000005.9
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cg26612735	9.35E-12	5.53E-13	7.73	18.592073	1.76E-01	56988806	56988929	NC_000019.9
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cg17663463	9.41E-12	5.57E-13	7.73	18.5858782	9.95E-02	57349709	57349832	NC_000019.9
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cg24553170	9.44E-12	5.59E-13	7.73	18.5826441	1.36E-01	49243472	49243595	NC_000001.10
cg23453372	9.44E-12	5.59E-13	7.73	18.5821391	1.45E-01	4866619	4866742	NC_000004.11
cg02038213	9.46E-12	5.60E-13	7.73	18.5800003	7.10E-02	95662442	95662565	NC_000002.11
cg07405021	9.46E-12	5.60E-13	7.73	18.5798763	1.63E-01	115152019	115152142	NC_000005.9
cg10241484	9.46E-12	5.60E-13	7.73	18.5797643	1.61E-01	62070219	62070342	NC_000016.9
cg02245378	9.47E-12	5.61E-13	7.73	18.5786266	1.54E-01	223161771	223161894	NC_000002.11



cg03229561	9.49E-12	5.62E-13	7.73	18.5769214	1.31E-01	63498186	63498309	NC_000007.13
cg15648859	9.52E-12	5.64E-13	7.73	18.5739406	9.08E-02	124986509	124986632	NC_000012.11
cg13321605	9.53E-12	5.64E-13	7.73	18.5725953	1.13E-01	91298666	91298789	NC_000005.9
cg07907386	9.53E-12	5.64E-13	7.73	18.5725415	2.10E-01	41749443	41749566	NC_000004.11
cg11056406	9.53E-12	5.65E-13	7.73	18.5719298	3.25E-02	144903651	144903774	NC_000008.10
cg00955307	9.53E-12	5.65E-13	7.73	18.5717222	1.16E-01	166889789	166889912	NC_000001.10
cg27552679	9.54E-12	5.65E-13	7.73	18.5716066	1.57E-01	74425757	74425880	NC_000015.9
cg27047243	9.54E-12	5.65E-13	7.73	18.5712434	1.99E-01	214360753	214360876	NC_000001.10
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cg07992457	9.55E-12	5.66E-13	7.73	18.5696067	1.42E-01	71744924	71745047	NC_000017.10
cg14389139	9.56E-12	5.67E-13	7.73	18.5686059	9.11E-02	1007218	1007341	NC_000011.9
cg10630680	9.57E-12	5.67E-13	7.73	18.5678734	2.50E-02	30521320	30521443	NC_000006.11
cg04574034	9.59E-12	5.68E-13	7.73	18.566002	1.76E-01	46799745	46799868	NC_000017.10
cg10808414	9.60E-12	5.69E-13	7.73	18.5647936	6.10E-02	77942302	77942425	NC_000014.8
cg22874255	9.60E-12	5.69E-13	7.73	18.5640512	1.71E-01	1768630	1768753	NC_000019.9
cg14321743	9.60E-12	5.69E-13	7.73	18.5639455	9.60E-02	20445662	20445785	NC_000001.10
cg04254681	9.61E-12	5.70E-13	7.73	18.5636193	1.09E-01	9679744	9679867	NC_000002.11
cg18844382	9.61E-12	5.70E-13	7.73	18.5634082	2.12E-01	23834977	23835100	NC_000014.8
cg15723536	9.62E-12	5.71E-13	7.73	18.5616405	2.18E-01	54926617	54926740	NC_000019.9
cg23540651	9.63E-12	5.71E-13	7.72	18.5609447	8.29E-02	89490034	89490157	NC_000001.10
cg26855689	9.63E-12	5.71E-13	7.72	18.560694	9.76E-02	79668668	79668791	NC_000017.10
cg02708185	9.63E-12	5.71E-13	7.72	18.5606518	1.32E-01	146620097	146620220	NC_000002.11
cg08836199	9.64E-12	5.72E-13	7.72	18.5594458	1.62E-01	194469052	194469175	NC_000003.11
cg16651126	9.69E-12	5.75E-13	7.72	18.5539655	1.23E-01	27170552	27170675	NC_000007.13
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cg04131583	9.71E-12	5.76E-13	7.72	18.552471	1.59E-01	86529961	86530084	NC_000016.9
cg11430783	9.71E-12	5.76E-13	7.72	18.552266	7.71E-02	3703792	3703915	NC_000001.10
cg04065304	9.71E-12	5.76E-13	7.72	18.5517438	6.11E-02	53322501	53322624	NC_000008.10
cg09728487	9.72E-12	5.77E-13	7.72	18.5514317	1.49E-01	141079462	141079585	NC_000004.11
cg14413996	9.73E-12	5.78E-13	7.72	18.5494796	8.02E-02	138592162	138592285	NC_000009.11
cg09947844	9.75E-12	5.79E-13	7.72	18.5480507	1.34E-01	4163819	4163942	NC_000016.9
cg13390484	9.75E-12	5.79E-13	7.72	18.5472611	4.98E-02	80765924	80766047	NC_000009.11
cg15986555	9.76E-12	5.80E-13	7.72	18.5462192	1.30E-01	123243400	123243523	NC_000010.10
cg26237003	9.78E-12	5.81E-13	7.72	18.5443319	1.00E-01	43413209	43413332	NC_000005.9
cg22544863	9.79E-12	5.81E-13	7.72	18.5432481	1.83E-01	15580400	15580523	NC_000019.9
cg09636525	9.82E-12	5.83E-13	7.72	18.5400481	1.71E-01	7052612	7052735	NC_000004.11
cg10956056	9.82E-12	5.83E-13	7.72	18.5399208	1.10E-01	35890214	35890337	NC_000017.10
cg20249882	9.83E-12	5.84E-13	7.72	18.539623	9.29E-02	1364046	1364169	NC_000004.11
cg18239753	9.86E-12	5.86E-13	7.72	18.5364496	2.01E-01	62995963	62996086	NC_000006.11
cg09821218	9.89E-12	5.87E-13	7.72	18.5334063	1.09E-01	68691561	68691684	NC_000016.9
cg14830601	9.90E-12	5.88E-13	7.72	18.5323666	1.59E-01	118893602	118893725	NC_000010.10
cg25249539	9.90E-12	5.88E-13	7.72	18.5314978	1.40E-01	56803358	56803481	NC_000020.10
cg13753550	9.90E-12	5.89E-13	7.72	18.5313232	3.56E-02	79892876	79892999	NC_000017.10
cg14843030	9.91E-12	5.89E-13	7.72	18.5306141	1.26E-01	32716051	32716174	NC_000001.10
cg21099419	9.91E-12	5.89E-13	7.72	18.530451	2.19E-01	97844473	97844596	NC_000007.13
cg11881754	9.91E-12	5.89E-13	7.72	18.5303162	2.18E-01	75889293	75889416	NC_000007.13
cg14714046	9.91E-12	5.89E-13	7.72	18.5301765	1.75E-01	41341654	41341777	NC_000006.11
cg16440299	9.98E-12	5.93E-13	7.72	18.5236936	1.50E-01	56779141	56779264	NC_000016.9
cg24724633	9.98E-12	5.94E-13	7.72	18.5230145	2.79E-01	36909413	36909536	NC_000019.9
cg03854198	9.99E-12	5.94E-13	7.72	18.5224477	1.32E-01	5541311	5541434	NC_000012.11

cg09664054	1.00E-11	5.95E-13	7.72	18.5203569	1.11E-01	42179097	42179220	NC_000001.10
cg11374732	1.00E-11	5.96E-13	7.72	18.5195921	9.97E-02	234113197	234113320	NC_000002.11
cg00468846	1.00E-11	5.96E-13	7.72	18.5185621	7.07E-02	31831421	31831544	NC_000016.9
cg16620608	1.00E-11	5.97E-13	7.72	18.5175617	8.01E-02	100841473	100841596	NC_000007.13
cg26083752	1.00E-11	5.98E-13	7.72	18.516274	4.25E-02	10590587	10590710	NC_000011.9
cg15506157	1.00E-11	5.98E-13	7.72	18.515779	3.09E-01	139168484	139168607	NC_000007.13
cg13174898	1.01E-11	5.99E-13	7.72	18.514312	1.31E-01	202104055	202104178	NC_000001.10
cg09870004	1.01E-11	5.99E-13	7.72	18.5135453	5.90E-02	88050251	88050374	NC_000016.9
cg03293976	1.01E-11	6.00E-13	7.72	18.5130024	1.07E-01	152554195	152554318	NC_000003.11
cg15990972	1.01E-11	6.00E-13	7.72	18.5129095	1.60E-01	177012372	177012495	NC_000002.11
cg27533288	1.01E-11	6.00E-13	7.72	18.5123197	2.45E-01	118896776	118896899	NC_000010.10
cg20325850	1.01E-11	6.01E-13	7.72	18.5113845	2.65E-02	56977724	56977847	NC_000001.10
cg02070077	1.01E-11	6.02E-13	7.72	18.5096418	7.57E-02	168199753	168199876	NC_000006.11
cg04521583	1.01E-11	6.02E-13	7.72	18.5090967	1.48E-01	44087089	44087212	NC_000015.9
cg10058779	1.01E-11	6.03E-13	7.72	18.5066407	1.90E-01	23821435	23821558	NC_000014.8
cg26619043	1.01E-11	6.04E-13	7.72	18.5059066	1.01E-01	66287492	66287615	NC_000017.10
cg18161327	1.02E-11	6.05E-13	7.72	18.5046577	1.82E-01	100627703	100627826	NC_000013.10
cg05660670	1.02E-11	6.05E-13	7.72	18.5043332	2.17E-01	20521635	20521758	NC_000012.11
cg00333919	1.02E-11	6.06E-13	7.72	18.502931	1.38E-01	155087199	155087322	NC_000007.13
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cg00626856	1.02E-11	6.07E-13	7.71	18.5006168	1.78E-01	1885950	1886073	NC_000005.9
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cg19057986	1.02E-11	6.09E-13	7.71	18.4980124	2.20E-01	46802871	46802994	NC_000017.10
cg16970851	1.02E-11	6.09E-13	7.71	18.4977118	2.17E-01	22487658	22487781	NC_000012.11
cg20169913	1.03E-11	6.11E-13	7.71	18.4949514	1.40E-01	184014083	184014206	NC_000003.11

cg23325963	1.03E-11	6.12E-13	7.71	18.4928467	1.96E-01	45160093	45160216	NC_000002.11
cg06032735	1.03E-11	6.13E-13	7.71	18.4908577	6.77E-02	84227227	84227350	NC_000006.11
cg12668953	1.03E-11	6.14E-13	7.71	18.4891718	1.09E-01	138679653	138679776	NC_000005.9
cg18810983	1.03E-11	6.15E-13	7.71	18.48828	1.13E-01	192632111	192632234	NC_000003.11
cg10176110	1.03E-11	6.15E-13	7.71	18.4881537	1.68E-01	168841653	168841776	NC_000006.11
cg23954787	1.03E-11	6.15E-13	7.71	18.4878893	1.80E-01	72470700	72470823	NC_000008.10
cg01336878	1.03E-11	6.17E-13	7.71	18.4851795	1.53E-01	54963396	54963519	NC_000019.9
cg26857670	1.03E-11	6.17E-13	7.71	18.4850954	1.87E-01	27225448	27225571	NC_000007.13
cg00970558	1.04E-11	6.18E-13	7.71	18.4827577	2.03E-01	7854469	7854592	NC_000019.9
cg13814990	1.04E-11	6.19E-13	7.71	18.4822718	5.55E-02	46016683	46016806	NC_000007.13
cg19871940	1.04E-11	6.19E-13	7.71	18.4822531	2.00E-01	57264287	57264410	NC_000014.8
cg00621899	1.04E-11	6.19E-13	7.71	18.4817278	1.54E-01	100486423	100486546	NC_000007.13
cg08431529	1.04E-11	6.20E-13	7.71	18.4807901	6.80E-02	6619138	6619261	NC_000012.11
cg07205670	1.04E-11	6.20E-13	7.71	18.4795975	7.81E-02	87442901	87443024	NC_000016.9
cg22604316	1.04E-11	6.20E-13	7.71	18.4794237	2.21E-01	46958801	46958924	NC_000001.10
cg23810282	1.04E-11	6.23E-13	7.71	18.4759297	1.62E-01	43037519	43037642	NC_000005.9
cg18632637	1.04E-11	6.23E-13	7.71	18.47484	1.51E-01	134893591	134893714	NC_000010.10
cg21213430	1.05E-11	6.24E-13	7.71	18.4741729	7.79E-02	35859254	35859377	NC_000009.11
cg14615946	1.05E-11	6.24E-13	7.71	18.4732933	7.21E-02	74466087	74466210	NC_000017.10
cg13829680	1.05E-11	6.25E-13	7.71	18.4725289	1.89E-01	136746975	136747098	NC_000009.11
cg18249580	1.05E-11	6.26E-13	7.71	18.4708827	2.37E-01	65281496	65281619	NC_000008.10
cg16251457	1.05E-11	6.27E-13	7.71	18.4697012	5.82E-02	79210394	79210517	NC_000017.10
cg16620382	1.05E-11	6.28E-13	7.71	18.4671055	2.93E-01	43211213	43211336	NC_000006.11
cg25089357	1.05E-11	6.29E-13	7.71	18.4653635	1.63E-01	131649255	131649378	NC_000010.10
cg01794802	1.06E-11	6.31E-13	7.71	18.4629401	1.80E-01	31096931	31097054	NC_000006.11

cg17264670	1.06E-11	6.31E-13	7.71	18.462055	2.81E-01	153452732	153452855	NC_000006.11
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cg25950112	1.07E-11	6.37E-13	7.71	18.4534415	1.99E-01	170740870	170740993	NC_000005.9
cg23986620	1.07E-11	6.38E-13	7.71	18.451375	1.68E-01	177012706	177012829	NC_000002.11
cg04863892	1.07E-11	6.39E-13	7.71	18.4505422	1.81E-01	27183375	27183498	NC_000007.13
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cg03769939	1.08E-11	6.44E-13	7.7	18.4425817	1.41E-01	25254129	25254252	NC_000001.10
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cg16142855	1.09E-11	6.50E-13	7.7	18.433985	1.59E-01	379900	380023	NC_000004.11
cg06459847	1.09E-11	6.50E-13	7.7	18.4327565	1.97E-01	204601	204724	NC_000016.9
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cg23239840	1.09E-11	6.51E-13	7.7	18.4322624	4.23E-02	114052325	114052448	NC_000002.11
cg14902389	1.09E-11	6.53E-13	7.7	18.4289718	1.24E-01	99342685	99342808	NC_000002.11

cg27242132	1.09E-11	6.55E-13	7.7	18.426272	1.67E-01	81119178	81119301	NC_000004.11
cg02182210	1.10E-11	6.56E-13	7.7	18.4238999	1.16E-01	30619096	30619219	NC_000020.10
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cg06261500	1.10E-11	6.61E-13	7.7	18.4176318	9.98E-02	127484663	127484786	NC_000007.13
cg24066316	1.10E-11	6.61E-13	7.7	18.4165505	1.70E-01	37132764	37132887	NC_000014.8
cg23219859	1.11E-11	6.63E-13	7.7	18.4138259	2.66E-01	50799316	50799439	NC_000001.10
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cg03794213	1.12E-11	6.69E-13	7.7	18.4048974	1.22E-01	22220727	22220850	NC_000016.9
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cg00467420	1.12E-11	6.74E-13	7.7	18.3984739	2.09E-01	1779432	1779555	NC_000010.10

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cg03202564	1.13E-11	6.75E-13	7.7	18.3956991	1.20E-01	50977130	50977253	NC_000010.10
cg07137336	1.13E-11	6.77E-13	7.7	18.3936028	1.66E-01	501137	501260	NC_000018.9
cg04545398	1.13E-11	6.77E-13	7.7	18.3932704	5.20E-02	105819003	105819126	NC_000010.10
cg08234507	1.13E-11	6.78E-13	7.7	18.3922461	5.07E-02	64990959	64991082	NC_000011.9
cg15649193	1.13E-11	6.78E-13	7.7	18.3919781	2.61E-02	14640403	14640526	NC_000019.9
cg25750389	1.13E-11	6.78E-13	7.7	18.3915755	1.90E-01	111544016	111544139	NC_000004.11
cg22700148	1.13E-11	6.78E-13	7.7	18.3913992	1.01E-01	65041201	65041324	NC_000017.10
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cg09516476	1.14E-11	6.83E-13	7.7	18.3840497	1.87E-01	10881925	10882048	NC_000006.11
cg25213546	1.14E-11	6.84E-13	7.69	18.3830505	2.62E-01	84116920	84117043	NC_000015.9
cg19999212	1.15E-11	6.88E-13	7.69	18.3778627	8.94E-02	131096964	131097087	NC_000003.11
cg24975564	1.15E-11	6.89E-13	7.69	18.3757938	2.48E-01	20522236	20522359	NC_000012.11
cg17386977	1.15E-11	6.90E-13	7.69	18.3745042	9.17E-02	44109743	44109866	NC_000021.8
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cg01764252	1.15E-11	6.92E-13	7.69	18.3720399	2.07E-01	87991071	87991194	NC_000005.9
cg18067859	1.15E-11	6.93E-13	7.69	18.3709402	1.50E-01	33776345	33776468	NC_000017.10
cg11785240	1.15E-11	6.94E-13	7.69	18.3692278	7.24E-02	240049338	240049461	NC_000002.11
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cg20174393	1.16E-11	6.96E-13	7.69	18.3659547	1.23E-01	106258511	106258634	NC_000007.13
cg16235582	1.16E-11	6.96E-13	7.69	18.3654983	1.65E-01	78673212	78673335	NC_000011.9
cg03127416	1.16E-11	6.97E-13	7.69	18.3653202	1.52E-01	22548006	22548129	NC_000008.10

cg18132228	1.16E-11	6.97E-13	7.69	18.3652492	1.18E-01	56035476	56035599	NC_000015.9
cg09643544	1.16E-11	6.98E-13	7.69	18.3634676	1.49E-01	9473696	9473819	NC_000019.9
cg21485303	1.16E-11	6.99E-13	7.69	18.3614849	1.95E-01	22094699	22094822	NC_000012.11
cg27517681	1.17E-11	7.01E-13	7.69	18.3597118	1.58E-01	119528848	119528971	NC_000001.10
cg18138206	1.17E-11	7.01E-13	7.69	18.3590044	1.87E-01	133110731	133110854	NC_000010.10
cg03315869	1.17E-11	7.02E-13	7.69	18.3581817	2.99E-01	134146676	134146799	NC_000011.9
cg05403655	1.17E-11	7.03E-13	7.69	18.3565911	1.81E-01	125215457	125215580	NC_000011.9
cg17761419	1.17E-11	7.03E-13	7.69	18.3558939	9.56E-02	57350749	57350872	NC_000008.10
cg13788381	1.17E-11	7.05E-13	7.69	18.3540133	1.93E-01	17907265	17907388	NC_000001.10
cg02663382	1.17E-11	7.05E-13	7.69	18.3537121	2.17E-01	38308458	38308581	NC_000019.9
cg24502027	1.17E-11	7.05E-13	7.69	18.3534771	9.42E-02	556470	556593	NC_000010.10
cg14095438	1.17E-11	7.05E-13	7.69	18.353236	2.03E-01	49468684	49468807	NC_000008.10
cg08208899	1.17E-11	7.07E-13	7.69	18.3509967	1.52E-01	181931215	181931338	NC_000002.11
cg05478407	1.18E-11	7.09E-13	7.69	18.3474088	1.14E-01	60554897	60555020	NC_000017.10
cg22867608	1.18E-11	7.10E-13	7.69	18.3471362	6.33E-02	64573356	64573479	NC_000010.10
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cg02633036	1.18E-11	7.13E-13	7.69	18.342956	1.47E-01	92661549	92661672	NC_000015.9
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cg24005685	1.19E-11	7.15E-13	7.69	18.3401795	1.93E-01	111549880	111550003	NC_000004.11
cg16254309	1.19E-11	7.15E-13	7.69	18.3400122	2.11E-01	145814152	145814275	NC_000007.13
cg02457312	1.19E-11	7.18E-13	7.69	18.3351348	4.97E-02	60347626	60347749	NC_000017.10
cg22823122	1.19E-11	7.19E-13	7.69	18.3339228	2.91E-02	170034076	170034199	NC_000004.11
cg02450613	1.20E-11	7.21E-13	7.69	18.3319754	2.19E-01	37840089	37840212	NC_000005.9



cg01066451	1.20E-11	7.23E-13	7.69	18.3287776	4.06E-02	79083504	79083627	NC_000017.10
cg05415020	1.20E-11	7.24E-13	7.69	18.3276951	2.38E-01	110797797	110797920	NC_000006.11
cg25679864	1.20E-11	7.24E-13	7.69	18.3266943	1.64E-01	134844753	134844876	NC_000010.10
cg13066682	1.21E-11	7.26E-13	7.68	18.3241368	7.43E-02	69786026	69786149	NC_000009.11
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cg26536401	1.21E-11	7.28E-13	7.68	18.322395	4.02E-02	6956432	6956555	NC_000012.11
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cg12686847	1.21E-11	7.31E-13	7.68	18.318241	6.19E-02	31779716	31779839	NC_000006.11
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cg20337384	1.22E-11	7.34E-13	7.68	18.3142745	2.44E-01	39015705	39015828	NC_000007.13
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cg04684246	1.22E-11	7.34E-13	7.68	18.3136006	8.59E-02	110385989	110386112	NC_000012.11
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cg14993464	1.23E-11	7.42E-13	7.68	18.3029327	4.68E-02	236867278	236867401	NC_000002.11
cg18028483	1.23E-11	7.43E-13	7.68	18.3021827	1.10E-01	109307801	109307924	NC_000006.11
cg13351143	1.23E-11	7.44E-13	7.68	18.3000991	5.76E-02	69292064	69292187	NC_000011.9
cg12077664	1.23E-11	7.45E-13	7.68	18.2993478	1.02E-01	125145446	125145569	NC_000012.11
cg03804272	1.24E-11	7.46E-13	7.68	18.2979251	1.61E-01	59189375	59189498	NC_000005.9
cg08698796	1.24E-11	7.48E-13	7.68	18.2956361	1.17E-01	47561199	47561322	NC_000011.9

cg22910449	1.24E-11	7.48E-13	7.68	18.2955097	1.51E-01	7274234	7274357	NC_000011.9
cg03146993	1.24E-11	7.48E-13	7.68	18.2953218	2.15E-01	35297146	35297269	NC_000017.10
cg13106484	1.24E-11	7.48E-13	7.68	18.2946197	1.59E-01	157692127	157692250	NC_000007.13
cg01982597	1.24E-11	7.49E-13	7.68	18.2936134	5.21E-02	50733420	50733543	NC_000010.10
cg09380135	1.24E-11	7.49E-13	7.68	18.2932837	1.63E-01	40789866	40789989	NC_000019.9
cg04627496	1.24E-11	7.50E-13	7.68	18.2919994	1.72E-01	88799973	88800096	NC_000015.9
cg04249559	1.24E-11	7.51E-13	7.68	18.2908641	1.31E-01	655964	656087	NC_000012.11
cg19284039	1.24E-11	7.52E-13	7.68	18.2899424	1.23E-01	2292895	2293018	NC_000011.9
cg18342866	1.24E-11	7.52E-13	7.68	18.2898702	1.06E-01	114468988	114469111	NC_000001.10
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cg00346951	1.25E-11	7.56E-13	7.68	18.2850861	3.77E-02	108979731	108979854	NC_000002.11
cg06086198	1.25E-11	7.57E-13	7.68	18.2838713	1.46E-01	29021552	29021675	NC_000012.11
cg08330224	1.25E-11	7.57E-13	7.68	18.2829601	2.32E-01	12996889	12997012	NC_000016.9
cg05535398	1.26E-11	7.59E-13	7.68	18.2809831	1.08E-01	43034257	43034380	NC_000005.9
cg21283167	1.26E-11	7.60E-13	7.68	18.2799996	8.55E-02	47986245	47986368	NC_000001.10
cg00993881	1.26E-11	7.62E-13	7.68	18.2771946	8.43E-02	59681199	59681322	NC_000014.8
cg02886408	1.26E-11	7.62E-13	7.68	18.2769316	1.90E-01	133796164	133796287	NC_000010.10
cg08901089	1.26E-11	7.62E-13	7.68	18.2764302	4.20E-02	148895445	148895568	NC_000007.13
cg19007200	1.26E-11	7.63E-13	7.68	18.275456	1.16E-01	24553899	24554022	NC_000013.10
cg17287235	1.26E-11	7.63E-13	7.68	18.2754325	1.70E-01	131768149	131768272	NC_000010.10
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cg00848728	1.27E-11	7.65E-13	7.68	18.2724253	1.47E-01	58716018	58716141	NC_000001.10
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cg17859502	1.27E-11	7.67E-13	7.68	18.2700353	6.73E-02	71586893	71587016	NC_000015.9
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cg11552585	1.28E-11	7.73E-13	7.67	18.262119	6.75E-02	3196206	3196329	NC_000019.9
cg23932873	1.28E-11	7.74E-13	7.67	18.2609475	1.63E-01	113615136	113615259	NC_000001.10
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cg03171361	1.28E-11	7.75E-13	7.67	18.2600944	1.86E-01	47075758	47075881	NC_000017.10
cg17846334	1.28E-11	7.76E-13	7.67	18.2590239	1.97E-01	49639134	49639257	NC_000020.10
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cg08421768	1.34E-11	8.16E-13	7.67	18.209559	1.25E-01	123797144	123797267	NC_000004.11
cg04617640	1.35E-11	8.18E-13	7.67	18.207032	1.50E-01	46874243	46874366	NC_000021.8
cg26345105	1.35E-11	8.19E-13	7.67	18.206299	1.31E-01	228634265	228634388	NC_000001.10
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cg18294610	1.35E-11	8.20E-13	7.66	18.204369	9.01E-02	18138837	18138960	NC_000011.9

cg25636665	1.35E-11	8.21E-13	7.66	18.2036013	2.09E-01	80549579	80549702	NC_000002.11
cg23337631	1.35E-11	8.21E-13	7.66	18.2034691	1.11E-01	52994933	52995056	NC_000012.11
cg18806980	1.35E-11	8.23E-13	7.66	18.2007618	8.61E-02	84438123	84438246	NC_000016.9
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cg04455430	1.37E-11	8.33E-13	7.66	18.1890311	1.30E-01	50886920	50887043	NC_000001.10
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cg03227021	1.38E-11	8.41E-13	7.66	18.1800867	1.44E-01	112711380	112711503	NC_000013.10
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cg23170850	1.39E-11	8.44E-13	7.66	18.1756964	1.80E-01	134145889	134146012	NC_000011.9
cg00840310	1.39E-11	8.45E-13	7.66	18.1754284	2.16E-01	74061514	74061637	NC_000009.11
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cg24878115	1.40E-11	8.51E-13	7.66	18.1680341	1.24E-01	18545062	18545185	NC_000019.9
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cg01238073	1.40E-11	8.55E-13	7.66	18.1631443	8.40E-02	50766441	50766564	NC_000007.13
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cg19239040	1.40E-11	8.56E-13	7.66	18.1625757	1.46E-01	35298664	35298787	NC_000007.13
cg27089736	1.41E-11	8.58E-13	7.66	18.1603299	5.25E-02	3714278	3714401	NC_000002.11
cg01572884	1.41E-11	8.59E-13	7.66	18.1590065	1.14E-01	110610266	110610389	NC_000001.10
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cg14470398	1.41E-11	8.62E-13	7.66	18.1551978	2.07E-01	657536	657659	NC_000004.11
cg16435923	1.41E-11	8.62E-13	7.66	18.1549352	9.40E-02	140744155	140744278	NC_000005.9
cg03355526	1.41E-11	8.63E-13	7.66	18.1546913	1.44E-01	178368415	178368538	NC_000005.9
cg09970120	1.42E-11	8.63E-13	7.66	18.154028	1.83E-01	155167844	155167967	NC_000007.13
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cg01090089	1.43E-11	8.71E-13	7.65	18.1447975	2.00E-01	6570974	6571097	NC_000007.13
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cg24975581	1.44E-11	8.78E-13	7.65	18.1376802	1.33E-01	121128268	121128391	NC_000012.11
cg01076459	1.44E-11	8.78E-13	7.65	18.1372151	1.28E-01	2908230	2908353	NC_000017.10
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cg19364068	1.44E-11	8.80E-13	7.65	18.1346917	1.13E-01	46734104	46734227	NC_000019.9
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cg12252868	1.45E-11	8.83E-13	7.65	18.1311126	9.35E-02	112383396	112383519	NC_000002.11
cg26541867	1.45E-11	8.84E-13	7.65	18.1305428	2.56E-01	37246688	37246811	NC_000004.11
cg24287189	1.45E-11	8.84E-13	7.65	18.1303906	5.31E-02	98676253	98676376	NC_000007.13
cg01297721	1.45E-11	8.86E-13	7.65	18.1282909	1.68E-01	19373566	19373689	NC_000019.9
cg20924470	1.45E-11	8.86E-13	7.65	18.1279489	2.08E-01	135265849	135265972	NC_000005.9
cg22624827	1.45E-11	8.88E-13	7.65	18.1261149	1.39E-01	64058180	64058303	NC_000001.10
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cg16997312	1.46E-11	8.90E-13	7.65	18.1237705	6.25E-02	160314505	160314628	NC_000001.10
cg09022943	1.46E-11	8.93E-13	7.65	18.1205747	1.79E-01	98511210	98511333	NC_000001.10
cg19058585	1.46E-11	8.94E-13	7.65	18.1188867	4.60E-02	112944983	112945106	NC_000002.11
cg03130248	1.46E-11	8.95E-13	7.65	18.1183986	1.48E-01	245524538	245524661	NC_000001.10
cg09744068	1.47E-11	9.01E-13	7.65	18.1117137	1.38E-01	125732787	125732910	NC_000010.10
cg17080163	1.48E-11	9.03E-13	7.65	18.1097443	1.89E-01	123418757	123418880	NC_000002.11

cg09674093	1.48E-11	9.06E-13	7.65	18.1063592	6.26E-02	23646462	23646585	NC_000002.11
cg21947116	1.48E-11	9.06E-13	7.65	18.1059682	4.87E-02	46918189	46918312	NC_000021.8
cg14855877	1.48E-11	9.07E-13	7.65	18.1054115	2.94E-02	12905834	12905957	NC_000017.10
cg24119717	1.48E-11	9.08E-13	7.65	18.1042977	1.59E-01	139488731	139488854	NC_000005.9
cg14977066	1.49E-11	9.09E-13	7.65	18.1034156	2.18E-01	50891195	50891318	NC_000001.10
cg21893358	1.49E-11	9.09E-13	7.65	18.1028702	1.15E-01	120434880	120435003	NC_000011.9
cg22745397	1.49E-11	9.10E-13	7.65	18.1022068	1.46E-01	42122161	42122284	NC_000004.11
cg12864185	1.49E-11	9.11E-13	7.65	18.1012911	1.60E-01	240160972	240161095	NC_000001.10
cg26872137	1.49E-11	9.12E-13	7.65	18.0993786	1.84E-01	35092870	35092993	NC_000008.10
cg24298311	1.49E-11	9.13E-13	7.65	18.098162	2.12E-01	158119610	158119733	NC_000001.10
cg17442776	1.49E-11	9.14E-13	7.65	18.0971523	8.85E-02	147718540	147718663	NC_000001.10
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cg02446647	1.50E-11	9.18E-13	7.65	18.0933718	1.98E-01	133562101	133562224	NC_000006.11
cg07147166	1.50E-11	9.18E-13	7.65	18.0930443	1.68E-01	147569185	147569308	NC_000004.11
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cg00802168	1.50E-11	9.19E-13	7.65	18.091812	5.14E-02	32047005	32047128	NC_000006.11
cg13675957	1.50E-11	9.20E-13	7.65	18.0914475	3.18E-02	39672463	39672586	NC_000017.10
cg17277529	1.50E-11	9.21E-13	7.65	18.0898238	1.78E-01	69633959	69634082	NC_000011.9
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cg17827208	1.52E-11	9.31E-13	7.64	18.0799847	1.12E-01	99470414	99470537	NC_000015.9



cg26016241	1.52E-11	9.33E-13	7.64	18.0772217	7.29E-02	17571656	17571779	NC_000019.9
cg10797129	1.53E-11	9.37E-13	7.64	18.0735394	4.92E-02	100745314	100745437	NC_000011.9
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cg24366314	1.53E-11	9.38E-13	7.64	18.0715794	1.46E-01	88329680	88329803	NC_000013.10
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cg17478016	1.54E-11	9.42E-13	7.64	18.0674132	9.61E-02	169846686	169846809	NC_000006.11
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cg17676835	1.57E-11	9.65E-13	7.64	18.0438576	4.36E-02	1007395	1007518	NC_000011.9
cg04178787	1.58E-11	9.68E-13	7.64	18.0412932	1.98E-01	123418787	123418910	NC_000002.11
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cg07498275	1.60E-11	9.87E-13	7.63	18.0222735	1.69E-01	51184886	51185009	NC_000016.9
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cg11689813	1.62E-11	9.95E-13	7.63	18.0139306	2.39E-01	229570052	229570175	NC_000001.10
cg10324224	1.62E-11	9.96E-13	7.63	18.0132805	9.49E-02	231115997	231116120	NC_000001.10

cg18328894	1.62E-11	9.96E-13	7.63	18.013176	2.21E-01	175224563	175224686	NC_000005.9
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cg24873464	1.62E-11	9.98E-13	7.63	18.0107746	2.20E-01	2139977	2140100	NC_000003.11
cg23676551	1.62E-11	9.99E-13	7.63	18.0095845	1.82E-01	2161374	2161497	NC_000011.9
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cg08196642	1.64E-11	1.01E-12	7.63	18.0022995	1.09E-01	138515409	138515532	NC_000005.9
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cg04711622	1.65E-11	1.01E-12	7.63	17.9946189	1.20E-01	64578638	64578761	NC_000005.9
cg04908789	1.65E-11	1.02E-12	7.63	17.9930935	1.84E-01	59001676	59001799	NC_000018.9
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cg27279508	1.66E-11	1.02E-12	7.63	17.9894842	9.66E-02	31476672	31476795	NC_000013.10
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cg09000583	1.67E-11	1.03E-12	7.63	17.9785434	2.37E-01	46802888	46803011	NC_000017.10
cg16137498	1.67E-11	1.03E-12	7.63	17.9781396	1.29E-01	101286541	101286664	NC_000010.10
cg18409732	1.68E-11	1.03E-12	7.63	17.9758474	1.60E-01	4866454	4866577	NC_000004.11
cg07373578	1.68E-11	1.04E-12	7.63	17.9738713	8.01E-02	55993519	55993642	NC_000017.10
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cg23541422	1.69E-11	1.04E-12	7.62	17.9696771	1.42E-01	8714363	8714486	NC_000002.11
cg17939805	1.70E-11	1.05E-12	7.62	17.9646749	1.51E-01	44773988	44774111	NC_000018.9
cg14645017	1.70E-11	1.05E-12	7.62	17.9614947	1.55E-01	132977408	132977531	NC_000010.10
cg19240319	1.70E-11	1.05E-12	7.62	17.9601014	8.92E-02	161427101	161427224	NC_000001.10
cg25903072	1.70E-11	1.05E-12	7.62	17.9588535	9.82E-02	63334703	63334826	NC_000015.9
cg21532325	1.71E-11	1.05E-12	7.62	17.9582678	2.27E-01	151107400	151107523	NC_000007.13
cg10919204	1.71E-11	1.05E-12	7.62	17.9577817	1.36E-01	31193340	31193463	NC_000005.9
cg16321280	1.71E-11	1.05E-12	7.62	17.957717	1.64E-01	44332972	44333095	NC_000011.9
cg08569517	1.71E-11	1.05E-12	7.62	17.956661	1.09E-01	2424793	2424916	NC_000019.9
cg13604337	1.71E-11	1.06E-12	7.62	17.9557836	1.93E-01	54321653	54321776	NC_000012.11
cg02539855	1.71E-11	1.06E-12	7.62	17.9530442	2.33E-01	144241434	144241557	NC_000008.10
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cg23524195	1.72E-11	1.06E-12	7.62	17.9516315	1.94E-01	118034031	118034154	NC_000010.10
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cg10815420	1.72E-11	1.06E-12	7.62	17.9497507	1.16E-01	105599835	105599958	NC_000008.10
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cg13392861	1.73E-11	1.07E-12	7.62	17.9455838	8.77E-02	37914861	37914984	NC_000009.11
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cg19746567	1.73E-11	1.07E-12	7.62	17.9443126	1.01E-01	228495111	228495234	NC_000001.10
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cg15089111	1.73E-11	1.07E-12	7.62	17.943825	1.40E-01	34270113	34270236	NC_000014.8
cg06133145	1.74E-11	1.07E-12	7.62	17.9401665	2.15E-01	94254351	94254474	NC_000014.8
cg24239329	1.74E-11	1.07E-12	7.62	17.9399674	2.59E-01	36705622	36705745	NC_000013.10
cg11362010	1.74E-11	1.08E-12	7.62	17.9354708	2.09E-01	181442713	181442836	NC_000003.11
cg11988604	1.75E-11	1.08E-12	7.62	17.9328031	1.25E-01	48551938	48552061	NC_000017.10
cg02635449	1.75E-11	1.08E-12	7.62	17.9306483	1.16E-01	109926	110049	NC_000017.10
cg25802465	1.75E-11	1.08E-12	7.62	17.9301201	7.54E-02	107865768	107865891	NC_000013.10
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cg14496450	1.76E-11	1.09E-12	7.62	17.9277353	2.19E-01	77178924	77179047	NC_000017.10
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cg01870995	1.76E-11	1.09E-12	7.62	17.9263946	2.10E-01	3602546	3602669	NC_000012.11
cg13671919	1.76E-11	1.09E-12	7.62	17.924741	1.35E-01	5196874	5196997	NC_000018.9
cg07547000	1.76E-11	1.09E-12	7.62	17.9247082	2.05E-01	154728210	154728333	NC_000002.11
cg23373966	1.76E-11	1.09E-12	7.62	17.9246544	7.51E-02	20668719	20668842	NC_000006.11
cg13912115	1.76E-11	1.09E-12	7.62	17.9230534	2.19E-01	33936362	33936485	NC_000005.9
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cg08393041	1.77E-11	1.10E-12	7.62	17.9190453	1.83E-01	147109426	147109549	NC_000003.11
cg05694095	1.77E-11	1.10E-12	7.62	17.9188606	1.13E-01	169659745	169659868	NC_000005.9
cg16202340	1.77E-11	1.10E-12	7.62	17.9185519	1.58E-01	4867839	4867962	NC_000004.11
cg16163765	1.77E-11	1.10E-12	7.62	17.9183466	1.22E-01	40365499	40365622	NC_000001.10
cg08422054	1.77E-11	1.10E-12	7.62	17.9181688	1.39E-01	100875565	100875688	NC_000003.11
cg00324748	1.77E-11	1.10E-12	7.62	17.9179846	1.83E-01	80505324	80505447	NC_000010.10
cg08875705	1.78E-11	1.10E-12	7.62	17.9135925	2.18E-01	6665330	6665453	NC_000012.11

cg11523290	1.78E-11	1.10E-12	7.62	17.9130216	2.06E-01	10463256	10463379	NC_000004.11
cg18274896	1.78E-11	1.10E-12	7.62	17.9129198	7.59E-02	140395754	140395877	NC_000009.11
cg12389397	1.78E-11	1.10E-12	7.62	17.9127377	5.23E-02	110313543	110313666	NC_000001.10
cg12847373	1.78E-11	1.10E-12	7.62	17.9127102	1.95E-01	78493349	78493472	NC_000013.10
cg14100973	1.78E-11	1.10E-12	7.61	17.9107936	1.64E-01	87280816	87280939	NC_000004.11
cg17634650	1.78E-11	1.10E-12	7.61	17.910691	8.20E-02	10966220	10966343	NC_000004.11
cg19430967	1.79E-11	1.11E-12	7.61	17.9097364	1.91E-01	132757741	132757864	NC_000003.11
cg24056153	1.79E-11	1.11E-12	7.61	17.909355	2.48E-02	90988694	90988817	NC_000014.8
cg00589550	1.79E-11	1.11E-12	7.61	17.9086233	2.30E-02	57099057	57099180	NC_000016.9
cg05031741	1.79E-11	1.11E-12	7.61	17.9080803	2.24E-01	89314419	89314542	NC_000016.9
cg05423392	1.79E-11	1.11E-12	7.61	17.9075578	1.15E-01	34586837	34586960	NC_000016.9
cg17194154	1.79E-11	1.11E-12	7.61	17.907356	1.66E-01	95359974	95360097	NC_000013.10
cg18436984	1.79E-11	1.11E-12	7.61	17.906281	1.53E-01	27198374	27198497	NC_000007.13
cg14688579	1.80E-11	1.11E-12	7.61	17.9042946	1.79E-01	223168453	223168576	NC_000002.11
cg04622777	1.80E-11	1.12E-12	7.61	17.9013059	1.90E-01	55357776	55357899	NC_000016.9
cg05832509	1.80E-11	1.12E-12	7.61	17.9002281	7.94E-02	99515080	99515203	NC_000007.13
cg18651870	1.80E-11	1.12E-12	7.61	17.8999122	1.49E-01	70535005	70535128	NC_000018.9
cg00185566	1.80E-11	1.12E-12	7.61	17.8995271	2.35E-01	14925856	14925979	NC_000001.10
cg01396176	1.80E-11	1.12E-12	7.61	17.8992951	1.56E-01	114881783	114881906	NC_000012.11
cg01831805	1.80E-11	1.12E-12	7.61	17.8986747	4.64E-02	24254624	24254747	NC_000022.10
cg04794372	1.81E-11	1.12E-12	7.61	17.8984311	8.37E-02	113773201	113773324	NC_000003.11
cg00931558	1.81E-11	1.12E-12	7.61	17.8982281	2.06E-01	77594664	77594787	NC_000008.10
cg14244013	1.81E-11	1.12E-12	7.61	17.8966388	1.16E-01	59473124	59473247	NC_000017.10
cg03763508	1.81E-11	1.12E-12	7.61	17.8956139	1.86E-01	27140942	27141065	NC_000007.13
cg02409090	1.81E-11	1.12E-12	7.61	17.8946696	9.52E-02	709725	709848	NC_000006.11

cg16332936	1.81E-11	1.12E-12	7.61	17.8945014	1.59E-01	19748910	19749033	NC_000022.10
cg22749589	1.81E-11	1.12E-12	7.61	17.8934523	1.92E-01	21501710	21501833	NC_000020.10
cg12851526	1.82E-11	1.13E-12	7.61	17.8908183	1.28E-01	100609034	100609157	NC_000007.13
cg24196693	1.82E-11	1.13E-12	7.61	17.8881527	1.96E-01	85954958	85955081	NC_000010.10
cg18349835	1.82E-11	1.13E-12	7.61	17.888029	1.74E-01	158937107	158937230	NC_000007.13
cg26263234	1.82E-11	1.13E-12	7.61	17.8872183	2.00E-01	26666060	26666183	NC_000003.11
cg16783478	1.83E-11	1.13E-12	7.61	17.8862572	9.46E-02	9943657	9943780	NC_000016.9
cg00030420	1.83E-11	1.13E-12	7.61	17.8852101	7.55E-02	140683772	140683895	NC_000005.9
cg21360079	1.83E-11	1.13E-12	7.61	17.884879	1.17E-01	107162445	107162568	NC_000012.11
cg23686983	1.83E-11	1.14E-12	7.61	17.8835199	6.92E-02	101880640	101880763	NC_000007.13
cg02108033	1.83E-11	1.14E-12	7.61	17.8834018	2.20E-01	17783294	17783417	NC_000004.11
cg00569447	1.83E-11	1.14E-12	7.61	17.8831107	1.42E-01	50695224	50695347	NC_000005.9
cg24864413	1.83E-11	1.14E-12	7.61	17.8825016	1.05E-01	160542732	160542855	NC_000006.11
cg21747876	1.83E-11	1.14E-12	7.61	17.8813662	1.51E-01	178687984	178688107	NC_000005.9
cg01307684	1.84E-11	1.14E-12	7.61	17.8805674	4.46E-02	80886143	80886266	NC_000004.11
cg05255522	1.84E-11	1.14E-12	7.61	17.8789098	1.87E-01	50682710	50682833	NC_000006.11
cg01072388	1.84E-11	1.14E-12	7.61	17.8782457	1.11E-01	85620244	85620367	NC_000016.9
cg04307702	1.84E-11	1.14E-12	7.61	17.8778646	6.03E-02	3714315	3714438	NC_000002.11
cg12939049	1.84E-11	1.14E-12	7.61	17.8776557	9.89E-02	10602753	10602876	NC_000004.11
cg14845689	1.84E-11	1.14E-12	7.61	17.8761891	1.58E-01	119306193	119306316	NC_000010.10
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cg15133041	1.84E-11	1.15E-12	7.61	17.8754948	5.05E-02	761765	761888	NC_000019.9
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cg13209298	1.85E-11	1.15E-12	7.61	17.8738486	1.11E-01	50303807	50303930	NC_000003.11
cg22471517	1.85E-11	1.15E-12	7.61	17.8719404	1.66E-01	136553682	136553805	NC_000007.13

cg00449067	1.85E-11	1.15E-12	7.61	17.8711806	1.15E-01	188269443	188269566	NC_000002.11
cg04840051	1.86E-11	1.15E-12	7.61	17.8684121	1.41E-01	112582591	112582714	NC_000010.10
cg21186708	1.86E-11	1.16E-12	7.61	17.8660734	2.06E-01	112716728	112716851	NC_000013.10
cg16123707	1.86E-11	1.16E-12	7.61	17.8658779	3.88E-02	134049802	134049925	NC_000010.10
cg14856220	1.86E-11	1.16E-12	7.61	17.8655001	9.34E-02	123353500	123353623	NC_000010.10
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cg09273030	1.87E-11	1.16E-12	7.61	17.860547	4.20E-02	242566905	242567028	NC_000002.11
cg17255450	1.87E-11	1.16E-12	7.61	17.8601304	2.06E-01	5710372	5710495	NC_000004.11
cg21656685	1.87E-11	1.16E-12	7.61	17.8600506	9.75E-02	2947843	2947966	NC_000018.9
cg04453140	1.87E-11	1.16E-12	7.61	17.8595233	1.65E-01	46692021	46692144	NC_000017.10
cg19599451	1.87E-11	1.17E-12	7.61	17.8582721	4.31E-02	11374377	11374500	NC_000004.11
cg25347264	1.88E-11	1.17E-12	7.61	17.8560785	1.88E-01	5540220	5540343	NC_000012.11
cg15888663	1.88E-11	1.17E-12	7.61	17.8543827	5.35E-02	207992084	207992207	NC_000001.10
cg16697024	1.88E-11	1.17E-12	7.61	17.8535215	4.92E-02	126715891	126716014	NC_000010.10
cg24720571	1.89E-11	1.17E-12	7.6	17.8517768	1.85E-01	6004328	6004451	NC_000006.11
cg22974236	1.89E-11	1.18E-12	7.6	17.8492456	1.56E-01	4867979	4868102	NC_000004.11
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cg11213520	1.89E-11	1.18E-12	7.6	17.8484293	2.35E-01	113901529	113901652	NC_000012.11
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cg12821804	1.90E-11	1.18E-12	7.6	17.8456962	1.61E-01	2890705	2890828	NC_000011.9
cg15786900	1.90E-11	1.18E-12	7.6	17.8434726	1.29E-01	44333131	44333254	NC_000011.9
cg04779860	1.90E-11	1.18E-12	7.6	17.842328	1.26E-01	131763929	131764052	NC_000010.10
cg11731238	1.91E-11	1.19E-12	7.6	17.8378098	9.96E-02	69603848	69603971	NC_000011.9
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cg23007574	1.91E-11	1.19E-12	7.6	17.837041	8.36E-02	41942070	41942193	NC_000019.9



cg17470095	1.92E-11	1.19E-12	7.6	17.8341386	7.08E-02	21318106	21318229	NC_000022.10
cg05844247	1.92E-11	1.20E-12	7.6	17.8326336	1.73E-01	21694428	21694551	NC_000020.10
cg00048759	1.92E-11	1.20E-12	7.6	17.8321841	9.55E-02	99775422	99775545	NC_000007.13
cg08374596	1.92E-11	1.20E-12	7.6	17.8319247	3.18E-02	50744349	50744472	NC_000016.9
cg18191688	1.92E-11	1.20E-12	7.6	17.8309696	6.78E-02	144994933	144995056	NC_000001.10
cg03718620	1.93E-11	1.20E-12	7.6	17.8300243	6.15E-02	8771680	8771803	NC_000016.9
cg15630071	1.93E-11	1.20E-12	7.6	17.8281571	1.11E-01	32861318	32861441	NC_000003.11
cg24934400	1.93E-11	1.20E-12	7.6	17.8276624	2.13E-01	4873966	4874089	NC_000004.11
cg09896622	1.93E-11	1.21E-12	7.6	17.8251072	1.88E-01	102568555	102568678	NC_000013.10
cg20552688	1.94E-11	1.21E-12	7.6	17.8246166	2.38E-02	105956371	105956494	NC_000014.8
cg15889913	1.94E-11	1.21E-12	7.6	17.8226323	1.56E-01	131770762	131770885	NC_000010.10
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cg18920423	1.95E-11	1.21E-12	7.6	17.8187057	2.07E-01	23481389	23481512	NC_000010.10
cg21595409	1.95E-11	1.21E-12	7.6	17.8179453	1.40E-01	81014522	81014645	NC_000008.10
cg20388729	1.95E-11	1.22E-12	7.6	17.8169261	1.28E-01	99200492	99200615	NC_000015.9
cg17786496	1.95E-11	1.22E-12	7.6	17.8167383	1.01E-01	22051566	22051689	NC_000017.10
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cg16747109	1.95E-11	1.22E-12	7.6	17.814706	1.99E-01	111544463	111544586	NC_000004.11
cg01882535	1.96E-11	1.22E-12	7.6	17.8140377	1.08E-01	56643145	56643268	NC_000011.9
cg21187554	1.96E-11	1.22E-12	7.6	17.8121098	1.24E-01	38620311	38620434	NC_000009.11
cg00474713	1.96E-11	1.22E-12	7.6	17.8119778	7.33E-02	28888747	28888870	NC_000016.9
cg25203704	1.96E-11	1.22E-12	7.6	17.8113902	2.01E-01	17216922	17217045	NC_000005.9
cg24064506	1.96E-11	1.22E-12	7.6	17.8111372	1.03E-01	117052397	117052520	NC_000011.9
cg06739029	1.96E-11	1.22E-12	7.6	17.8099221	1.69E-01	19837421	19837544	NC_000006.11
cg13295262	1.98E-11	1.23E-12	7.6	17.8029054	1.75E-01	177355072	177355195	NC_000002.11

cg10023530	1.98E-11	1.23E-12	7.6	17.8020601	1.88E-01	11148783	11148906	NC_000018.9
cg08153621	1.98E-11	1.23E-12	7.6	17.801531	1.22E-01	53561441	53561564	NC_000019.9
cg08400962	1.98E-11	1.24E-12	7.6	17.8008371	1.70E-01	34112316	34112439	NC_000019.9
cg16815850	1.98E-11	1.24E-12	7.6	17.7995597	1.62E-01	4577320	4577443	NC_000001.10
cg27641532	1.99E-11	1.24E-12	7.6	17.7974647	1.59E-01	27648317	27648440	NC_000006.11
cg11442877	1.99E-11	1.24E-12	7.6	17.796293	1.30E-01	25961909	25962032	NC_000015.9
cg05579549	1.99E-11	1.24E-12	7.6	17.7943003	5.80E-02	75889403	75889526	NC_000017.10
cg01997590	1.99E-11	1.24E-12	7.59	17.7942522	1.40E-01	223177473	223177596	NC_000002.11
cg13304274	1.99E-11	1.25E-12	7.59	17.7927926	2.00E-01	36909606	36909729	NC_000019.9
cg23331484	1.99E-11	1.25E-12	7.59	17.792789	1.34E-01	33718148	33718271	NC_000019.9
cg25386426	2.00E-11	1.25E-12	7.59	17.7916793	9.06E-02	2459224	2459347	NC_000001.10
cg10019916	2.00E-11	1.25E-12	7.59	17.7895359	2.09E-01	228196376	228196499	NC_000001.10
cg02625536	2.00E-11	1.25E-12	7.59	17.7885217	1.19E-01	47749901	47750024	NC_000020.10
cg23210521	2.00E-11	1.25E-12	7.59	17.7874711	1.50E-01	95680414	95680537	NC_000004.11
cg15331500	2.01E-11	1.25E-12	7.59	17.7870854	1.63E-01	41779351	41779474	NC_000022.10
cg08482531	2.01E-11	1.25E-12	7.59	17.7870132	1.44E-01	8078127	8078250	NC_000010.10
cg09596722	2.01E-11	1.26E-12	7.59	17.7852542	1.75E-01	232525772	232525895	NC_000002.11
cg03547797	2.01E-11	1.26E-12	7.59	17.7839081	1.69E-01	22689644	22689767	NC_000011.9
cg24385568	2.01E-11	1.26E-12	7.59	17.7838969	5.72E-02	53547962	53548085	NC_000012.11
cg11751213	2.02E-11	1.26E-12	7.59	17.7820131	1.29E-01	65547023	65547146	NC_000011.9
cg21235151	2.02E-11	1.26E-12	7.59	17.7810537	2.43E-01	177001256	177001379	NC_000002.11
cg10662314	2.02E-11	1.26E-12	7.59	17.7785564	2.41E-01	54384666	54384789	NC_000012.11
cg23549358	2.02E-11	1.26E-12	7.59	17.7778564	1.70E-01	20692791	20692914	NC_000011.9
cg24483247	2.03E-11	1.27E-12	7.59	17.7769001	2.17E-01	5890411	5890534	NC_000004.11
cg08000731	2.03E-11	1.27E-12	7.59	17.776247	1.28E-01	316247	316370	NC_000011.9

cg11700800	2.03E-11	1.27E-12	7.59	17.7744603	1.50E-01	92906633	92906756	NC_000005.9
cg27619646	2.03E-11	1.27E-12	7.59	17.7742381	1.05E-01	41583018	41583141	NC_000008.10
cg10486998	2.04E-11	1.27E-12	7.59	17.771175	2.14E-01	74961787	74961910	NC_000018.9
cg06055873	2.04E-11	1.27E-12	7.59	17.7703182	1.62E-01	27142204	27142327	NC_000007.13
cg02946934	2.04E-11	1.28E-12	7.59	17.768171	2.11E-01	17496681	17496804	NC_000010.10
cg02637318	2.04E-11	1.28E-12	7.59	17.7667427	2.36E-01	38965252	38965375	NC_000008.10
cg27567761	2.05E-11	1.28E-12	7.59	17.7656883	4.98E-02	64573184	64573307	NC_000010.10
cg21306240	2.05E-11	1.29E-12	7.59	17.7619543	2.31E-01	38230845	38230968	NC_000001.10
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cg22948684	2.06E-11	1.29E-12	7.59	17.7583493	7.40E-02	15222078	15222201	NC_000001.10
cg24428099	2.06E-11	1.29E-12	7.59	17.7580683	5.50E-02	25065702	25065825	NC_000002.11
cg26949694	2.07E-11	1.29E-12	7.59	17.7557481	1.56E-01	27742060	27742183	NC_000011.9
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cg03577505	2.07E-11	1.29E-12	7.59	17.75474	4.40E-02	159486976	159487099	NC_000003.11
cg27159583	2.07E-11	1.29E-12	7.59	17.754553	1.91E-01	38289905	38290028	NC_000021.8
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cg19971716	2.07E-11	1.30E-12	7.59	17.7534411	2.18E-01	122301740	122301863	NC_000004.11
cg10923662	2.07E-11	1.30E-12	7.59	17.7529811	2.01E-01	32064258	32064381	NC_000006.11
cg12433423	2.08E-11	1.30E-12	7.59	17.7499238	4.91E-02	225659296	225659419	NC_000001.10
cg24042242	2.08E-11	1.30E-12	7.59	17.7498031	1.92E-01	43044660	43044783	NC_000017.10
cg11439671	2.08E-11	1.30E-12	7.59	17.7476653	4.29E-02	73515429	73515552	NC_000017.10
cg12618475	2.08E-11	1.30E-12	7.59	17.7473997	8.08E-02	110732361	110732484	NC_000006.11
cg07142797	2.08E-11	1.31E-12	7.59	17.74678	1.93E-01	50605613	50605736	NC_000010.10
cg07012926	2.08E-11	1.31E-12	7.59	17.7462269	1.87E-01	151304488	151304611	NC_000005.9
cg24550525	2.09E-11	1.31E-12	7.59	17.7459186	1.29E-01	69181420	69181543	NC_000002.11

cg23648991	2.09E-11	1.31E-12	7.59	17.744917	5.44E-02	158586534	158586657	NC_000006.11
cg04478223	2.09E-11	1.31E-12	7.59	17.7441912	7.79E-02	49699726	49699849	NC_000005.9
cg18127481	2.09E-11	1.31E-12	7.59	17.7440984	1.11E-01	49880645	49880768	NC_000005.9
cg12252412	2.09E-11	1.31E-12	7.59	17.7439287	3.10E-02	26513782	26513905	NC_000008.10
cg03760589	2.09E-11	1.31E-12	7.59	17.7434758	1.48E-01	170630397	170630520	NC_000001.10
cg25793387	2.10E-11	1.31E-12	7.59	17.7404187	9.65E-02	56554318	56554441	NC_000017.10
cg13147664	2.10E-11	1.32E-12	7.59	17.73869	9.02E-02	1029744	1029867	NC_000017.10
cg18271789	2.10E-11	1.32E-12	7.59	17.7367404	1.16E-01	4832112	4832235	NC_000007.13
cg01291920	2.10E-11	1.32E-12	7.59	17.7367318	8.41E-02	31915077	31915200	NC_000006.11
cg11917579	2.11E-11	1.32E-12	7.58	17.7347466	1.46E-01	2815429	2815552	NC_000010.10
cg03219768	2.11E-11	1.32E-12	7.58	17.7328547	4.98E-02	76641090	76641213	NC_000017.10
cg20718170	2.11E-11	1.32E-12	7.58	17.7325772	6.72E-02	123322268	123322391	NC_000007.13
cg07554664	2.11E-11	1.32E-12	7.58	17.7322894	1.11E-01	68431982	68432105	NC_000016.9
cg07688213	2.12E-11	1.33E-12	7.58	17.7305093	5.20E-02	76013203	76013326	NC_000014.8
cg00197006	2.12E-11	1.33E-12	7.58	17.7283006	1.21E-01	84616559	84616682	NC_000016.9
cg27441182	2.12E-11	1.33E-12	7.58	17.7272989	1.39E-01	44484200	44484323	NC_000015.9
cg27509347	2.12E-11	1.33E-12	7.58	17.726908	1.40E-01	28385657	28385780	NC_000001.10
cg03497399	2.12E-11	1.33E-12	7.58	17.7264642	1.48E-01	33260934	33261057	NC_000003.11
cg10314411	2.13E-11	1.33E-12	7.58	17.7258842	2.57E-02	206279954	206280077	NC_000001.10
cg19098268	2.13E-11	1.34E-12	7.58	17.7241368	1.07E-01	57352269	57352392	NC_000019.9
cg19814400	2.13E-11	1.34E-12	7.58	17.722891	1.80E-01	158936632	158936755	NC_000007.13
cg01189604	2.13E-11	1.34E-12	7.58	17.7222513	5.17E-02	134391939	134392062	NC_000010.10
cg10228777	2.14E-11	1.34E-12	7.58	17.7205008	1.98E-01	14925424	14925547	NC_000001.10
cg15825417	2.14E-11	1.34E-12	7.58	17.7186443	7.94E-02	15689957	15690080	NC_000017.10
cg10247840	2.14E-11	1.34E-12	7.58	17.7176488	1.49E-01	40034535	40034658	NC_000001.10

cg26181334	2.14E-11	1.35E-12	7.58	17.7170521	1.07E-01	4832535	4832658	NC_000007.13
cg15882353	2.14E-11	1.35E-12	7.58	17.7164856	5.80E-02	67023811	67023934	NC_000008.10
cg17362661	2.15E-11	1.35E-12	7.58	17.7144018	1.13E-01	100210490	100210613	NC_000002.11
cg06714480	2.15E-11	1.35E-12	7.58	17.7111132	2.03E-01	182544307	182544430	NC_000002.11
cg26570233	2.16E-11	1.35E-12	7.58	17.7103552	2.02E-01	93475962	93476085	NC_000011.9
cg20474425	2.16E-11	1.35E-12	7.58	17.710227	1.16E-01	54746067	54746190	NC_000012.11
cg26988423	2.16E-11	1.36E-12	7.58	17.7083159	1.68E-01	3238423	3238546	NC_000016.9
cg24884703	2.16E-11	1.36E-12	7.58	17.7071293	2.15E-01	91185422	91185545	NC_000001.10
cg05866021	2.17E-11	1.36E-12	7.58	17.7046845	1.11E-01	57285278	57285401	NC_000001.10
cg24464397	2.17E-11	1.37E-12	7.58	17.7018216	1.67E-01	56988778	56988901	NC_000019.9
cg24394856	2.17E-11	1.37E-12	7.58	17.7018074	1.73E-01	134175900	134176023	NC_000006.11
cg12743978	2.18E-11	1.37E-12	7.58	17.7005548	1.44E-01	19617145	19617268	NC_000021.8
cg05345286	2.18E-11	1.37E-12	7.58	17.6993714	1.55E-01	41606641	41606764	NC_000006.11
cg15637527	2.18E-11	1.37E-12	7.58	17.6984862	8.76E-02	46700234	46700357	NC_000011.9
cg00036788	2.18E-11	1.37E-12	7.58	17.6967563	1.37E-01	54974682	54974805	NC_000004.11
cg11758945	2.19E-11	1.37E-12	7.58	17.6959442	2.79E-01	143533532	143533655	NC_000008.10
cg18023096	2.19E-11	1.37E-12	7.58	17.6954675	1.37E-01	17090586	17090709	NC_000022.10
cg10343742	2.19E-11	1.38E-12	7.58	17.6927259	1.12E-01	137483506	137483629	NC_000003.11
cg20846447	2.19E-11	1.38E-12	7.58	17.6924582	1.55E-01	177140305	177140428	NC_000001.10
cg09562045	2.19E-11	1.38E-12	7.58	17.6920774	2.57E-01	5890424	5890547	NC_000004.11
cg05733181	2.20E-11	1.38E-12	7.58	17.6913481	1.85E-01	117847088	117847211	NC_000004.11
cg20552282	2.20E-11	1.38E-12	7.58	17.6911301	1.69E-01	21686728	21686851	NC_000020.10
cg26149244	2.20E-11	1.38E-12	7.58	17.6911152	2.28E-01	80329964	80330087	NC_000017.10
cg10036918	2.20E-11	1.38E-12	7.58	17.6884959	1.72E-01	103969166	103969289	NC_000007.13
cg08145698	2.21E-11	1.39E-12	7.58	17.6845465	1.59E-01	87636539	87636662	NC_000016.9

cg26666835	2.22E-11	1.40E-12	7.58	17.6805922	1.77E-01	170742118	170742241	NC_000005.9
cg13938187	2.22E-11	1.40E-12	7.58	17.6803403	9.69E-02	64980038	64980161	NC_000015.9
cg00890363	2.22E-11	1.40E-12	7.58	17.6796119	1.70E-01	13540673	13540796	NC_000004.11
cg20668644	2.23E-11	1.40E-12	7.57	17.6767782	3.08E-01	38347603	38347726	NC_000017.10
cg04726360	2.23E-11	1.40E-12	7.57	17.6766439	1.09E-01	71708613	71708736	NC_000004.11
cg15202353	2.23E-11	1.40E-12	7.57	17.676317	8.87E-02	162831613	162831736	NC_000001.10
cg27650540	2.24E-11	1.41E-12	7.57	17.6723857	1.08E-01	111664582	111664705	NC_000012.11
cg21493633	2.24E-11	1.41E-12	7.57	17.671558	1.85E-01	166795596	166795719	NC_000004.11
cg03114255	2.24E-11	1.41E-12	7.57	17.6714181	2.25E-01	150358985	150359108	NC_000006.11
cg24361256	2.24E-11	1.41E-12	7.57	17.6696397	6.52E-02	50637945	50638068	NC_000022.10
cg19492047	2.24E-11	1.41E-12	7.57	17.6689138	1.94E-01	217236040	217236163	NC_000002.11
cg14714797	2.25E-11	1.42E-12	7.57	17.6655933	1.77E-01	343927	344050	NC_000005.9
cg17303756	2.25E-11	1.42E-12	7.57	17.6642572	1.94E-01	99279108	99279231	NC_000006.11
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cg07995570	2.26E-11	1.42E-12	7.57	17.6619239	1.49E-01	91192025	91192148	NC_000001.10
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cg11641702	2.27E-11	1.43E-12	7.57	17.6582949	3.48E-02	107601656	107601779	NC_000007.13
cg04864807	2.27E-11	1.43E-12	7.57	17.6555938	1.27E-01	121412139	121412262	NC_000002.11
cg05597504	2.27E-11	1.43E-12	7.57	17.6553432	6.70E-02	150210742	150210865	NC_000007.13
cg12299478	2.27E-11	1.43E-12	7.57	17.6545362	1.36E-01	111935236	111935359	NC_000010.10
cg04227278	2.27E-11	1.43E-12	7.57	17.6545346	1.23E-01	134301020	134301143	NC_000008.10
cg18404112	2.28E-11	1.43E-12	7.57	17.6534366	4.32E-02	144893173	144893296	NC_000008.10
cg16038120	2.28E-11	1.44E-12	7.57	17.6525907	1.88E-01	29235196	29235319	NC_000014.8
cg27580953	2.28E-11	1.44E-12	7.57	17.6514126	5.01E-02	134119745	134119868	NC_000010.10
cg09473282	2.29E-11	1.44E-12	7.57	17.648968	1.07E-01	35115955	35116078	NC_000006.11

cg09913449	2.29E-11	1.44E-12	7.57	17.6487623	3.72E-02	42400586	42400709	NC_000008.10
cg08254399	2.29E-11	1.44E-12	7.57	17.6473954	5.66E-02	45671659	45671782	NC_000006.11
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cg17311074	2.29E-11	1.45E-12	7.57	17.6456173	1.11E-01	71507695	71507818	NC_000015.9
cg03032214	2.30E-11	1.45E-12	7.57	17.6445729	2.06E-01	74961809	74961932	NC_000018.9
cg20914464	2.30E-11	1.45E-12	7.57	17.6440432	1.47E-01	31803674	31803797	NC_000018.9
cg18091615	2.30E-11	1.45E-12	7.57	17.6437681	1.13E-01	137675881	137676004	NC_000007.13
cg13550802	2.30E-11	1.45E-12	7.57	17.6437569	6.53E-02	134935854	134935977	NC_000010.10
cg00144335	2.30E-11	1.45E-12	7.57	17.6427795	1.23E-01	107176	107299	NC_000004.11
cg12450016	2.30E-11	1.45E-12	7.57	17.6423789	1.69E-01	98112437	98112560	NC_000005.9
cg11567608	2.30E-11	1.45E-12	7.57	17.6417065	1.33E-01	135271518	135271641	NC_000006.11
cg23733384	2.30E-11	1.45E-12	7.57	17.64086	1.51E-01	228346347	228346470	NC_000001.10
cg02681442	2.30E-11	1.45E-12	7.57	17.640568	1.81E-01	29236008	29236131	NC_000014.8
cg14947466	2.30E-11	1.45E-12	7.57	17.6400879	5.34E-02	2583705	2583828	NC_000011.9
cg24453600	2.31E-11	1.46E-12	7.57	17.6388122	7.24E-02	71921678	71921801	NC_000015.9
cg01546793	2.31E-11	1.46E-12	7.57	17.6380397	1.34E-01	116913720	116913843	NC_000011.9
cg04670802	2.31E-11	1.46E-12	7.57	17.6364262	1.66E-01	100050812	100050935	NC_000006.11
cg00541104	2.31E-11	1.46E-12	7.57	17.6362429	1.64E-01	158359935	158360058	NC_000007.13
cg22809920	2.31E-11	1.46E-12	7.57	17.6355652	1.53E-01	43935551	43935674	NC_000020.10
cg12744722	2.32E-11	1.46E-12	7.57	17.6348631	1.66E-01	111473809	111473932	NC_000012.11
cg03414318	2.32E-11	1.46E-12	7.57	17.6330873	2.75E-01	34894648	34894771	NC_000020.10
cg23982890	2.32E-11	1.47E-12	7.57	17.6325409	4.75E-02	68869531	68869654	NC_000011.9
cg09648467	2.33E-11	1.47E-12	7.57	17.6284171	1.61E-01	156955280	156955403	NC_000005.9
cg20002207	2.33E-11	1.47E-12	7.57	17.626903	1.00E-01	57957811	57957934	NC_000004.11
cg24465685	2.34E-11	1.48E-12	7.57	17.6224622	1.73E-01	47009809	47009932	NC_000001.10

cg01142710	2.34E-11	1.48E-12	7.57	17.6224608	1.72E-01	145713754	145713877	NC_000005.9
cg01540949	2.34E-11	1.48E-12	7.57	17.6219841	1.06E-01	126736629	126736752	NC_000011.9
cg08495617	2.35E-11	1.48E-12	7.57	17.6197497	1.79E-01	171791143	171791266	NC_000003.11
cg13943217	2.35E-11	1.49E-12	7.57	17.618541	2.19E-01	133542125	133542248	NC_000009.11
cg01650904	2.35E-11	1.49E-12	7.56	17.6176136	1.64E-01	37354889	37355012	NC_000020.10
cg23217126	2.36E-11	1.49E-12	7.56	17.6158886	1.73E-01	67068268	67068391	NC_000018.9
cg01409163	2.36E-11	1.49E-12	7.56	17.6157036	4.61E-02	670353	670476	NC_000008.10
cg17448335	2.36E-11	1.49E-12	7.56	17.6131771	2.22E-01	76249776	76249899	NC_000005.9
cg14566959	2.37E-11	1.50E-12	7.56	17.6126447	1.10E-01	140772681	140772804	NC_000005.9
cg19628343	2.37E-11	1.50E-12	7.56	17.6125052	7.20E-02	17873806	17873929	NC_000019.9
cg26569771	2.37E-11	1.50E-12	7.56	17.6113823	7.85E-02	4448522	4448645	NC_000019.9
cg09827048	2.37E-11	1.50E-12	7.56	17.6111478	9.60E-02	46113067	46113190	NC_000001.10
cg16392754	2.37E-11	1.50E-12	7.56	17.6110003	8.25E-02	172388746	172388869	NC_000005.9
cg03429689	2.38E-11	1.50E-12	7.56	17.6069649	9.10E-02	93199536	93199659	NC_000015.9
cg26069745	2.38E-11	1.50E-12	7.56	17.6065615	1.53E-01	27142200	27142323	NC_000007.13
cg25743486	2.39E-11	1.51E-12	7.56	17.603924	5.10E-02	1051843	1051966	NC_000017.10
cg02858606	2.39E-11	1.51E-12	7.56	17.6026683	1.81E-01	62068447	62068570	NC_000016.9
cg05935800	2.39E-11	1.51E-12	7.56	17.601986	1.61E-01	226023590	226023713	NC_000001.10
cg01454487	2.39E-11	1.51E-12	7.56	17.6011781	1.64E-01	45427577	45427700	NC_000015.9
cg18669209	2.39E-11	1.51E-12	7.56	17.6004726	2.26E-01	44777736	44777859	NC_000018.9
cg25887739	2.39E-11	1.51E-12	7.56	17.6002694	2.73E-02	101675766	101675889	NC_000002.11
cg03425110	2.40E-11	1.52E-12	7.56	17.5994623	2.10E-01	71333037	71333160	NC_000010.10
cg20892990	2.40E-11	1.52E-12	7.56	17.5989463	1.67E-01	69589460	69589583	NC_000011.9
cg00486604	2.40E-11	1.52E-12	7.56	17.5971954	1.24E-01	43739515	43739638	NC_000003.11
cg15060366	2.40E-11	1.52E-12	7.56	17.5968953	2.34E-01	17206529	17206652	NC_000020.10



cg17217421	2.41E-11	1.52E-12	7.56	17.5937719	4.43E-02	244504355	244504478	NC_000001.10
cg21270847	2.41E-11	1.52E-12	7.56	17.5936979	2.39E-01	164604806	164604929	NC_000001.10
cg02066682	2.41E-11	1.52E-12	7.56	17.5933714	1.39E-01	79634037	79634160	NC_000009.11
cg21156684	2.41E-11	1.53E-12	7.56	17.5930043	5.35E-02	6411612	6411735	NC_000001.10
cg11494841	2.41E-11	1.53E-12	7.56	17.5908986	8.78E-02	80402750	80402873	NC_000017.10
cg11832543	2.42E-11	1.53E-12	7.56	17.590647	4.43E-02	178481818	178481941	NC_000001.10
cg00092644	2.42E-11	1.53E-12	7.56	17.5903083	5.23E-02	95360379	95360502	NC_000001.10
cg22161784	2.42E-11	1.53E-12	7.56	17.5901512	1.41E-01	78337534	78337657	NC_000017.10
cg15648792	2.42E-11	1.53E-12	7.56	17.58984	1.13E-01	11146255	11146378	NC_000018.9
cg01106338	2.42E-11	1.53E-12	7.56	17.5876684	1.29E-01	44790514	44790637	NC_000018.9
cg04828133	2.42E-11	1.53E-12	7.56	17.5873587	2.47E-01	155259845	155259968	NC_000007.13
cg20482521	2.42E-11	1.54E-12	7.56	17.5867055	2.10E-01	106400667	106400790	NC_000010.10
cg17251713	2.43E-11	1.54E-12	7.56	17.5821248	1.80E-01	61443038	61443161	NC_000018.9
cg03799283	2.44E-11	1.54E-12	7.56	17.5809722	1.22E-01	96910011	96910134	NC_000015.9
cg24814707	2.44E-11	1.55E-12	7.56	17.5804096	1.66E-01	57035957	57036080	NC_000004.11
cg02484391	2.44E-11	1.55E-12	7.56	17.5795616	1.70E-01	22889301	22889424	NC_000001.10
cg05212802	2.44E-11	1.55E-12	7.56	17.5786378	1.78E-01	142053623	142053746	NC_000004.11
cg10042106	2.44E-11	1.55E-12	7.56	17.5785624	1.71E-01	57274739	57274862	NC_000014.8
cg19600750	2.45E-11	1.55E-12	7.56	17.5775445	1.43E-01	57274677	57274800	NC_000014.8
cg19258062	2.46E-11	1.56E-12	7.56	17.5729248	1.22E-01	152133423	152133546	NC_000007.13
cg11101926	2.46E-11	1.56E-12	7.56	17.5725473	1.62E-01	32483711	32483834	NC_000017.10
cg09167553	2.46E-11	1.56E-12	7.56	17.5721485	2.41E-01	70034475	70034598	NC_000001.10
cg08204023	2.46E-11	1.56E-12	7.56	17.5717785	1.91E-01	37835109	37835232	NC_000005.9
cg26747317	2.46E-11	1.56E-12	7.56	17.5709465	1.23E-01	31829793	31829916	NC_000006.11
cg21495612	2.47E-11	1.56E-12	7.56	17.5685502	2.24E-01	96342250	96342373	NC_000014.8

cg04128880	2.47E-11	1.57E-12	7.56	17.5668839	4.28E-02	22198056	22198179	NC_000016.9
cg21096050	2.48E-11	1.57E-12	7.56	17.5649563	5.68E-02	85502665	85502788	NC_000004.11
cg20912770	2.48E-11	1.57E-12	7.56	17.5642412	1.77E-01	2292428	2292551	NC_000011.9
cg26621770	2.49E-11	1.58E-12	7.56	17.5600712	1.66E-01	115131447	115131570	NC_000012.11
cg17295225	2.49E-11	1.58E-12	7.55	17.5568538	1.34E-01	137814971	137815094	NC_000006.11
cg22183731	2.50E-11	1.58E-12	7.55	17.5558519	8.81E-02	102221100	102221223	NC_000011.9
cg09614724	2.50E-11	1.59E-12	7.55	17.5536298	2.31E-01	30719547	30719670	NC_000019.9
cg21931419	2.51E-11	1.59E-12	7.55	17.5511769	1.64E-01	74893169	74893292	NC_000014.8
cg13031171	2.51E-11	1.59E-12	7.55	17.5511725	1.90E-01	29106870	29106993	NC_000013.10
cg03650282	2.51E-11	1.59E-12	7.55	17.5503748	6.17E-02	64451448	64451571	NC_000017.10
cg01427575	2.51E-11	1.59E-12	7.55	17.5497065	1.74E-01	51171712	51171835	NC_000019.9
cg18578080	2.52E-11	1.60E-12	7.55	17.5480744	7.24E-02	82405786	82405909	NC_000006.11
cg24074033	2.52E-11	1.60E-12	7.55	17.5477615	1.92E-01	20180437	20180560	NC_000011.9
cg16026922	2.52E-11	1.60E-12	7.55	17.5475225	1.19E-01	41259044	41259167	NC_000004.11
cg23929344	2.52E-11	1.60E-12	7.55	17.5469403	1.69E-01	36975402	36975525	NC_000014.8
cg16257029	2.52E-11	1.60E-12	7.55	17.546904	1.23E-01	128077369	128077492	NC_000010.10
cg19019371	2.52E-11	1.60E-12	7.55	17.545529	1.58E-01	140770984	140771107	NC_000003.11
cg24785473	2.53E-11	1.61E-12	7.55	17.5428666	1.16E-01	35681883	35682006	NC_000003.11
cg12710552	2.53E-11	1.61E-12	7.55	17.5423173	7.57E-02	18270955	18271078	NC_000011.9
cg04946910	2.53E-11	1.61E-12	7.55	17.5410743	8.86E-02	3243392	3243515	NC_000016.9
cg14116122	2.54E-11	1.61E-12	7.55	17.5386097	1.94E-01	85673884	85674007	NC_000012.11
cg00501711	2.54E-11	1.62E-12	7.55	17.5367165	7.45E-02	43538180	43538303	NC_000020.10
cg22012299	2.54E-11	1.62E-12	7.55	17.5360854	6.86E-02	102360643	102360766	NC_000013.10
cg16629702	2.54E-11	1.62E-12	7.55	17.5360731	1.96E-01	55690248	55690371	NC_000016.9
cg18813599	2.55E-11	1.62E-12	7.55	17.5351328	1.39E-01	29937472	29937595	NC_000008.10

cg15852891	2.56E-11	1.63E-12	7.55	17.530507	1.79E-01	76934946	76935069	NC_000005.9
cg16852955	2.56E-11	1.63E-12	7.55	17.5303751	1.11E-01	227773531	227773654	NC_000002.11
cg08089301	2.56E-11	1.63E-12	7.55	17.5280106	2.48E-01	46655561	46655684	NC_000017.10
cg18112708	2.57E-11	1.63E-12	7.55	17.527519	7.13E-02	160169450	160169573	NC_000006.11
cg13915754	2.57E-11	1.63E-12	7.55	17.526039	2.05E-01	37355965	37356088	NC_000020.10
cg16831361	2.57E-11	1.63E-12	7.55	17.5250543	1.07E-01	39668954	39669077	NC_000021.8
cg12353207	2.57E-11	1.64E-12	7.55	17.5247494	1.87E-01	113444295	113444418	NC_000004.11
cg00432789	2.57E-11	1.64E-12	7.55	17.5238115	8.19E-02	211650394	211650517	NC_000001.10
cg26104293	2.58E-11	1.64E-12	7.55	17.5208315	1.12E-01	91499812	91499935	NC_000006.11
cg15428435	2.58E-11	1.64E-12	7.55	17.5195408	2.19E-01	102247681	102247804	NC_000014.8
cg01224715	2.59E-11	1.64E-12	7.55	17.5191487	1.32E-01	140811520	140811643	NC_000005.9
cg19092317	2.59E-11	1.64E-12	7.55	17.51891	1.71E-01	72739768	72739891	NC_000005.9
cg09622420	2.59E-11	1.65E-12	7.55	17.5177337	6.60E-02	11033670	11033793	NC_000016.9
cg00284386	2.59E-11	1.65E-12	7.55	17.5164024	1.01E-01	1786207	1786330	NC_000008.10
cg02939292	2.59E-11	1.65E-12	7.55	17.5151006	5.54E-02	60716250	60716373	NC_000011.9
cg09059267	2.60E-11	1.65E-12	7.55	17.5139213	1.48E-01	220223082	220223205	NC_000002.11
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cg21667878	2.61E-11	1.66E-12	7.55	17.5093242	2.37E-01	2160980	2161103	NC_000011.9
cg04030444	2.62E-11	1.67E-12	7.55	17.506171	1.20E-01	170581971	170582094	NC_000006.11
cg22902505	2.62E-11	1.67E-12	7.55	17.5055384	1.56E-01	81119473	81119596	NC_000004.11
cg05153474	2.63E-11	1.67E-12	7.55	17.5023059	7.17E-02	39884449	39884572	NC_000022.10
cg26098399	2.63E-11	1.67E-12	7.55	17.5013569	6.05E-02	56716944	56717067	NC_000004.11
cg13071208	2.63E-11	1.68E-12	7.54	17.4998458	1.23E-01	145686887	145687010	NC_000008.10
cg10016380	2.64E-11	1.68E-12	7.54	17.498607	2.23E-01	78493313	78493436	NC_000013.10
cg04575524	2.64E-11	1.68E-12	7.54	17.4966943	8.48E-02	84820574	84820697	NC_000016.9

cg13325066	2.64E-11	1.68E-12	7.54	17.4966321	1.07E-01	2499932	2500055	NC_000007.13
cg08111446	2.64E-11	1.68E-12	7.54	17.4960169	2.40E-01	61886079	61886202	NC_000020.10
cg07028533	2.64E-11	1.68E-12	7.54	17.4958942	2.34E-01	145813439	145813562	NC_000007.13
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cg06740372	2.65E-11	1.69E-12	7.54	17.4941479	1.44E-01	7957779	7957902	NC_000003.11
cg19623717	2.65E-11	1.69E-12	7.54	17.493962	2.17E-01	5296442	5296565	NC_000020.10
cg15452135	2.65E-11	1.69E-12	7.54	17.4929439	5.54E-02	105233106	105233229	NC_000010.10
cg10517535	2.65E-11	1.69E-12	7.54	17.4914108	1.70E-01	9929698	9929821	NC_000017.10
cg21765359	2.66E-11	1.69E-12	7.54	17.4907056	8.92E-02	75246756	75246879	NC_000017.10
cg10934407	2.66E-11	1.69E-12	7.54	17.4900264	7.43E-02	168053081	168053204	NC_000006.11
cg02745636	2.66E-11	1.70E-12	7.54	17.488813	1.72E-01	61104571	61104694	NC_000014.8
cg13234863	2.67E-11	1.70E-12	7.54	17.4856458	1.74E-01	130389138	130389261	NC_000012.11
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cg01208537	2.67E-11	1.70E-12	7.54	17.4849454	8.23E-02	64597387	64597510	NC_000011.9
cg09430445	2.67E-11	1.70E-12	7.54	17.4847291	1.59E-01	42918546	42918669	NC_000003.11
cg23036804	2.67E-11	1.70E-12	7.54	17.4837459	1.70E-01	23734763	23734886	NC_000013.10
cg21156851	2.69E-11	1.71E-12	7.54	17.4788015	3.19E-02	45607281	45607404	NC_000006.11
cg05599109	2.69E-11	1.71E-12	7.54	17.4786949	7.29E-02	6348943	6349066	NC_000010.10
cg25023596	2.69E-11	1.71E-12	7.54	17.4782348	1.84E-01	118627943	118628066	NC_000012.11
cg09471204	2.69E-11	1.71E-12	7.54	17.4779214	1.19E-01	42347991	42348114	NC_000022.10
cg26130488	2.70E-11	1.72E-12	7.54	17.4751653	1.79E-01	59530104	59530227	NC_000017.10
cg01328444	2.70E-11	1.72E-12	7.54	17.4747209	1.38E-01	155967739	155967862	NC_000006.11
cg04557184	2.70E-11	1.72E-12	7.54	17.4744857	1.17E-01	42971330	42971453	NC_000005.9
cg11766283	2.70E-11	1.72E-12	7.54	17.4722256	7.09E-02	24525070	24525193	NC_000013.10
cg12028548	2.71E-11	1.73E-12	7.54	17.4707517	1.71E-01	590799	590922	NC_000020.10

cg24477315	2.71E-11	1.73E-12	7.54	17.4689873	1.24E-01	164570052	164570175	NC_000001.10
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cg04201750	2.72E-11	1.74E-12	7.54	17.4662145	1.47E-01	3591012	3591135	NC_000005.9
cg02469871	2.72E-11	1.74E-12	7.54	17.464883	2.00E-01	103218581	103218704	NC_000012.11
cg03014829	2.73E-11	1.74E-12	7.54	17.4637523	1.31E-01	55516872	55516995	NC_000007.13
cg09003833	2.73E-11	1.74E-12	7.54	17.4629947	1.56E-01	147079053	147079176	NC_000003.11
cg26266308	2.73E-11	1.74E-12	7.54	17.4627314	6.47E-02	66701194	66701317	NC_000008.10
cg09942248	2.73E-11	1.74E-12	7.54	17.4617955	1.90E-01	182545625	182545748	NC_000002.11
cg20404387	2.73E-11	1.74E-12	7.54	17.4617366	1.82E-01	20879296	20879419	NC_000001.10
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cg18877285	2.74E-11	1.75E-12	7.54	17.4591398	1.76E-01	124790815	124790938	NC_000011.9
cg03006175	2.74E-11	1.75E-12	7.54	17.4570858	4.38E-02	105412417	105412540	NC_000014.8
cg24058446	2.74E-11	1.75E-12	7.54	17.4568875	8.11E-02	147834002	147834125	NC_000006.11
cg16172814	2.74E-11	1.75E-12	7.54	17.456732	2.06E-01	50969997	50970120	NC_000010.10
cg19360104	2.74E-11	1.75E-12	7.54	17.4560602	1.23E-01	154475269	154475392	NC_000001.10
cg24046864	2.75E-11	1.75E-12	7.54	17.455235	7.71E-02	54427219	54427342	NC_000014.8
cg22767348	2.75E-11	1.76E-12	7.54	17.4545249	6.78E-02	4669484	4669607	NC_000004.11
cg12714746	2.76E-11	1.76E-12	7.54	17.4496343	6.89E-02	4509054	4509177	NC_000017.10
cg18348494	2.76E-11	1.77E-12	7.54	17.4493084	1.27E-01	62781737	62781860	NC_000001.10
cg02408850	2.77E-11	1.77E-12	7.54	17.4481912	9.52E-02	79793206	79793329	NC_000017.10
cg11287292	2.77E-11	1.77E-12	7.54	17.447262	8.77E-02	178277261	178277384	NC_000004.11
cg22674717	2.77E-11	1.77E-12	7.54	17.4467419	1.73E-01	51185394	51185517	NC_000016.9
cg15072319	2.77E-11	1.77E-12	7.54	17.446262	2.81E-01	156405924	156406047	NC_000001.10
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cg17088290	2.77E-11	1.77E-12	7.54	17.4456454	2.54E-02	53818182	53818305	NC_000012.11
cg09976876	2.77E-11	1.77E-12	7.54	17.4452983	5.13E-02	57184713	57184836	NC_000016.9
cg06573787	2.77E-11	1.77E-12	7.54	17.4449362	2.31E-01	143070187	143070310	NC_000008.10
cg18947175	2.78E-11	1.78E-12	7.54	17.4433817	1.53E-01	77093804	77093927	NC_000017.10
cg07873155	2.79E-11	1.78E-12	7.53	17.439344	1.13E-01	28197499	28197622	NC_000013.10
cg04936639	2.79E-11	1.78E-12	7.53	17.4385084	7.17E-02	48922035	48922158	NC_000011.9
cg05056133	2.80E-11	1.79E-12	7.53	17.4338463	9.30E-02	220491676	220491799	NC_000002.11
cg09558850	2.80E-11	1.79E-12	7.53	17.4336801	1.94E-01	93520445	93520568	NC_000007.13
cg11831711	2.80E-11	1.79E-12	7.53	17.4336714	1.11E-02	91966971	91967094	NC_000001.10
cg22095604	2.81E-11	1.80E-12	7.53	17.432498	1.67E-01	31803241	31803364	NC_000018.9
cg02095401	2.81E-11	1.80E-12	7.53	17.4318608	1.15E-01	167545264	167545387	NC_000005.9
cg20175390	2.81E-11	1.80E-12	7.53	17.4317715	1.32E-01	119599459	119599582	NC_000002.11
cg02423014	2.81E-11	1.80E-12	7.53	17.4316971	8.53E-02	64404647	64404770	NC_000015.9
cg05047908	2.81E-11	1.80E-12	7.53	17.4296297	9.08E-02	157084809	157084932	NC_000007.13
cg27385729	2.82E-11	1.80E-12	7.53	17.4284193	5.83E-02	118619582	118619705	NC_000011.9
cg11763866	2.82E-11	1.81E-12	7.53	17.4262027	1.22E-01	70310112	70310235	NC_000011.9
cg26102801	2.83E-11	1.81E-12	7.53	17.4254249	7.38E-02	155793769	155793892	NC_000007.13
cg01369033	2.83E-11	1.81E-12	7.53	17.422796	1.13E-01	3292386	3292509	NC_000004.11
cg09405238	2.84E-11	1.82E-12	7.53	17.419362	6.98E-02	183994500	183994623	NC_000003.11
cg20529344	2.85E-11	1.82E-12	7.53	17.4172595	1.20E-01	50707427	50707550	NC_000013.10
cg17967577	2.85E-11	1.82E-12	7.53	17.4172312	2.32E-01	88324711	88324834	NC_000013.10
cg01950845	2.85E-11	1.83E-12	7.53	17.4162471	2.63E-01	93632730	93632853	NC_000015.9
cg03843978	2.86E-11	1.83E-12	7.53	17.4127099	1.10E-01	4864625	4864748	NC_000004.11
cg02649987	2.87E-11	1.84E-12	7.53	17.4082619	2.00E-01	106888392	106888515	NC_000011.9
cg07744841	2.88E-11	1.84E-12	7.53	17.4065003	1.79E-01	10857703	10857826	NC_000003.11

cg18607529	2.89E-11	1.85E-12	7.53	17.4036881	2.41E-01	50343869	50343992	NC_000007.13
cg07183447	2.89E-11	1.85E-12	7.53	17.4036775	1.53E-01	102484107	102484230	NC_000010.10
cg15626350	2.89E-11	1.85E-12	7.53	17.4032062	1.67E-01	152130207	152130330	NC_000006.11
cg17715521	2.89E-11	1.85E-12	7.53	17.4028069	9.50E-02	45417414	45417537	NC_000015.9
cg25061701	2.89E-11	1.85E-12	7.53	17.4021073	7.71E-02	62608856	62608979	NC_000017.10
cg15126975	2.89E-11	1.85E-12	7.53	17.4004494	2.63E-01	175208605	175208728	NC_000002.11
cg26276395	2.90E-11	1.86E-12	7.53	17.3976884	1.20E-01	107496342	107496465	NC_000001.10
cg03924483	2.91E-11	1.87E-12	7.53	17.394965	1.11E-01	26553567	26553690	NC_000017.10
cg14262681	2.91E-11	1.87E-12	7.53	17.3934781	2.52E-01	21084420	21084543	NC_000020.10
cg08668316	2.92E-11	1.87E-12	7.53	17.3902246	1.33E-01	380157	380280	NC_000004.11
cg10764918	2.92E-11	1.88E-12	7.53	17.389473	1.59E-01	113541683	113541806	NC_000012.11
cg00092551	2.93E-11	1.88E-12	7.53	17.3880981	3.33E-02	127371565	127371688	NC_000007.13
cg08496953	2.94E-11	1.88E-12	7.53	17.385396	1.49E-01	42733527	42733650	NC_000017.10
cg26175428	2.94E-11	1.89E-12	7.53	17.3844457	7.62E-02	77631756	77631879	NC_000018.9
cg24524057	2.94E-11	1.89E-12	7.52	17.3841559	1.46E-01	125732842	125732965	NC_000010.10
cg07928255	2.94E-11	1.89E-12	7.52	17.3822588	8.30E-02	11343164	11343287	NC_000016.9
cg20976694	2.94E-11	1.89E-12	7.52	17.382043	1.69E-01	55714052	55714175	NC_000018.9
cg27320658	2.95E-11	1.89E-12	7.52	17.3817907	6.47E-02	176519389	176519512	NC_000005.9
cg13799919	2.95E-11	1.89E-12	7.52	17.3800874	1.18E-01	28212848	28212971	NC_000013.10
cg26449787	2.96E-11	1.90E-12	7.52	17.3771048	2.13E-01	133562087	133562210	NC_000006.11
cg20449590	2.96E-11	1.90E-12	7.52	17.376182	2.09E-01	146551201	146551324	NC_000001.10
cg07769732	2.96E-11	1.90E-12	7.52	17.3754133	8.66E-02	8815465	8815588	NC_000002.11
cg09705759	2.97E-11	1.91E-12	7.52	17.3727765	3.95E-02	140555532	140555655	NC_000004.11
cg05079767	2.98E-11	1.92E-12	7.52	17.3680194	7.04E-02	37770944	37771067	NC_000022.10
cg04147272	2.99E-11	1.92E-12	7.52	17.3670633	1.30E-01	79261496	79261619	NC_000015.9

cg00209038	2.99E-11	1.92E-12	7.52	17.366461	1.94E-01	48982683	48982806	NC_000002.11
cg01211137	2.99E-11	1.92E-12	7.52	17.3663828	1.67E-01	13993807	13993930	NC_000011.9
cg19269666	2.99E-11	1.92E-12	7.52	17.3643977	1.77E-01	229046590	229046713	NC_000002.11
cg06579738	3.00E-11	1.93E-12	7.52	17.3638006	9.38E-02	111165311	111165434	NC_000011.9
cg01881308	3.00E-11	1.93E-12	7.52	17.3632137	9.93E-02	1389301	1389424	NC_000016.9
cg15697036	3.00E-11	1.93E-12	7.52	17.3623732	7.62E-02	1808923	1809046	NC_000004.11
cg06479755	3.00E-11	1.93E-12	7.52	17.3622695	2.03E-01	27012313	27012436	NC_000021.8
cg09444818	3.01E-11	1.93E-12	7.52	17.3606215	1.22E-01	102097226	102097349	NC_000004.11
cg10029842	3.02E-11	1.94E-12	7.52	17.3562492	1.75E-01	75595919	75596042	NC_000001.10
cg22977397	3.02E-11	1.94E-12	7.52	17.3557101	3.99E-02	141542551	141542674	NC_000008.10
cg25925252	3.02E-11	1.94E-12	7.52	17.3551154	1.18E-01	178913683	178913806	NC_000005.9
cg06513139	3.03E-11	1.95E-12	7.52	17.3536353	1.54E-01	4455923	4456046	NC_000019.9
cg06611922	3.03E-11	1.95E-12	7.52	17.3535663	1.81E-01	118893174	118893297	NC_000010.10
cg14861089	3.03E-11	1.95E-12	7.52	17.3535502	2.64E-01	102895043	102895166	NC_000010.10
cg01630925	3.03E-11	1.95E-12	7.52	17.3519163	8.60E-02	7615827	7615950	NC_000019.9
cg24309040	3.04E-11	1.95E-12	7.52	17.3492762	1.56E-01	111664600	111664723	NC_000012.11
cg09354454	3.04E-11	1.96E-12	7.52	17.348182	1.19E-01	86795853	86795976	NC_000016.9
cg17982165	3.05E-11	1.96E-12	7.52	17.3465716	1.56E-01	30484753	30484876	NC_000015.9
cg07661899	3.05E-11	1.96E-12	7.52	17.3460278	1.52E-01	53443057	53443180	NC_000012.11
cg26843074	3.05E-11	1.96E-12	7.52	17.344351	2.12E-01	36422061	36422184	NC_000003.11
cg21269062	3.06E-11	1.97E-12	7.52	17.342238	6.26E-02	159898557	159898680	NC_000001.10
cg09549073	3.06E-11	1.97E-12	7.52	17.3416166	1.55E-01	27183274	27183397	NC_000007.13
cg24556660	3.07E-11	1.98E-12	7.52	17.3369041	1.68E-01	106842632	106842755	NC_000007.13
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cg07539601	3.08E-11	1.98E-12	7.52	17.3339936	9.34E-02	8277249	8277372	NC_000010.10



cg15814157	3.08E-11	1.98E-12	7.52	17.3337498	5.22E-02	56041511	56041634	NC_000019.9
cg19742623	3.08E-11	1.98E-12	7.52	17.3337374	6.34E-02	109810228	109810351	NC_000013.10
cg04760604	3.08E-11	1.99E-12	7.52	17.3336993	9.24E-02	22436179	22436302	NC_000016.9
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cg03495660	3.12E-11	2.01E-12	7.51	17.3220651	1.17E-01	1074500	1074623	NC_000016.9
cg09659661	3.12E-11	2.01E-12	7.51	17.3208786	1.80E-01	55358072	55358195	NC_000016.9
cg08811309	3.12E-11	2.01E-12	7.51	17.3208246	1.81E-01	87968749	87968872	NC_000005.9
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cg10484756	3.14E-11	2.03E-12	7.51	17.3140845	9.20E-02	139614104	139614227	NC_000006.11
cg10462643	3.14E-11	2.03E-12	7.51	17.3133585	1.78E-01	127296973	127297096	NC_000006.11
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cg08132837	3.18E-11	2.05E-12	7.51	17.3007443	1.60E-01	60975811	60975934	NC_000014.8
cg11882304	3.19E-11	2.05E-12	7.51	17.2996149	1.29E-01	159456907	159457030	NC_000005.9

cg15906675	3.19E-11	2.06E-12	7.51	17.2991107	1.28E-01	90171420	90171543	NC_000004.11
cg09545894	3.19E-11	2.06E-12	7.51	17.2986113	7.50E-02	24008532	24008655	NC_000013.10
cg14210862	3.19E-11	2.06E-12	7.51	17.2980762	1.36E-01	91193195	91193318	NC_000009.11
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cg20146536	3.19E-11	2.06E-12	7.51	17.2972695	1.14E-01	102096205	102096328	NC_000002.11
cg01779043	3.20E-11	2.06E-12	7.51	17.2961222	7.83E-02	21456586	21456709	NC_000014.8
cg18121355	3.20E-11	2.06E-12	7.51	17.2960813	2.09E-01	37840438	37840561	NC_000005.9
cg00089091	3.20E-11	2.06E-12	7.51	17.2952333	2.48E-01	115919950	115920073	NC_000002.11
cg00823843	3.20E-11	2.07E-12	7.51	17.2939517	1.16E-01	244094885	244095008	NC_000001.10
cg11366849	3.21E-11	2.07E-12	7.51	17.2921228	1.99E-01	42267547	42267670	NC_000007.13
cg19536929	3.21E-11	2.07E-12	7.51	17.2919324	1.66E-01	115134594	115134717	NC_000012.11
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cg09854828	3.22E-11	2.08E-12	7.51	17.2892813	4.42E-02	88841557	88841680	NC_000016.9
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cg13296809	3.24E-11	2.09E-12	7.51	17.2830389	7.16E-02	69709095	69709218	NC_000011.9
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cg05201145	3.24E-11	2.09E-12	7.51	17.2817683	1.44E-01	259373	259496	NC_000012.11

cg12120326	3.24E-11	2.09E-12	7.51	17.2815745	4.27E-02	30237309	30237432	NC_000022.10
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cg17619823	3.24E-11	2.10E-12	7.51	17.279698	1.68E-01	37823475	37823598	NC_000008.10
cg09354241	3.25E-11	2.10E-12	7.51	17.2789161	2.06E-01	13540850	13540973	NC_000004.11
cg03303640	3.26E-11	2.11E-12	7.51	17.275685	9.44E-02	94840650	94840773	NC_000010.10
cg11856542	3.26E-11	2.11E-12	7.51	17.2746625	2.22E-01	37245707	37245830	NC_000004.11
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cg02065637	3.28E-11	2.12E-12	7.51	17.2684389	1.64E-01	61809035	61809158	NC_000020.10
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cg18424634	3.29E-11	2.13E-12	7.5	17.2634699	1.62E-01	147127097	147127220	NC_000003.11
cg00683332	3.30E-11	2.14E-12	7.5	17.2607407	1.58E-01	51188697	51188820	NC_000016.9
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cg01643624	3.33E-11	2.16E-12	7.5	17.2515938	6.87E-02	8954893	8955016	NC_000011.9
cg20072171	3.33E-11	2.16E-12	7.5	17.2515388	2.44E-01	62356962	62357085	NC_000003.11
cg16430099	3.34E-11	2.16E-12	7.5	17.2503331	9.38E-02	118049898	118050021	NC_000001.10
cg13725172	3.34E-11	2.16E-12	7.5	17.2501489	1.31E-01	109267293	109267416	NC_000006.11
cg24129193	3.34E-11	2.16E-12	7.5	17.2501127	1.18E-01	89428192	89428315	NC_000015.9
cg13424940	3.35E-11	2.17E-12	7.5	17.2468374	1.17E-01	136844397	136844520	NC_000009.11
cg11481223	3.35E-11	2.17E-12	7.5	17.2464255	8.28E-02	147625024	147625147	NC_000002.11
cg26277657	3.36E-11	2.17E-12	7.5	17.2438119	6.12E-02	110430371	110430494	NC_000012.11
cg09032973	3.36E-11	2.18E-12	7.5	17.2429068	1.14E-01	140165998	140166121	NC_000005.9

cg17191518	3.36E-11	2.18E-12	7.5	17.242337	2.93E-02	52468850	52468973	NC_000015.9
cg00957516	3.36E-11	2.18E-12	7.5	17.2417182	1.68E-01	159141747	159141870	NC_000001.10
cg01249384	3.37E-11	2.18E-12	7.5	17.2392257	5.36E-02	11374254	11374377	NC_000004.11
cg17363629	3.38E-11	2.19E-12	7.5	17.2371724	1.40E-01	47704221	47704344	NC_000015.9
cg16915576	3.38E-11	2.19E-12	7.5	17.2368266	5.79E-02	89978468	89978591	NC_000007.13
cg10411146	3.38E-11	2.19E-12	7.5	17.2360087	1.43E-01	289966	290089	NC_000011.9
cg08981421	3.39E-11	2.20E-12	7.5	17.2345832	1.46E-01	27199956	27200079	NC_000007.13
cg08183074	3.39E-11	2.20E-12	7.5	17.2331708	1.10E-01	113296369	113296492	NC_000013.10
cg12149986	3.39E-11	2.20E-12	7.5	17.2321337	1.84E-01	50059027	50059150	NC_000019.9
cg03263618	3.40E-11	2.21E-12	7.5	17.2294566	1.63E-01	71802574	71802697	NC_000007.13
cg01824349	3.41E-11	2.21E-12	7.5	17.228041	7.26E-02	98260405	98260528	NC_000005.9
cg03289548	3.41E-11	2.21E-12	7.5	17.2262592	1.24E-01	114580989	114581112	NC_000010.10
cg15313459	3.41E-11	2.21E-12	7.5	17.2258528	2.35E-01	68547052	68547175	NC_000002.11
cg11452391	3.42E-11	2.22E-12	7.5	17.2249405	1.72E-01	16180315	16180438	NC_000005.9
cg09223396	3.42E-11	2.22E-12	7.5	17.2248282	5.22E-02	72893924	72894047	NC_000016.9
cg13138552	3.43E-11	2.22E-12	7.5	17.2224277	1.13E-01	66305468	66305591	NC_000012.11
cg20339692	3.43E-11	2.23E-12	7.5	17.2204917	6.83E-02	28886062	28886185	NC_000017.10
cg27403635	3.44E-11	2.23E-12	7.5	17.2182156	2.06E-01	113698291	113698414	NC_000005.9
cg01514490	3.44E-11	2.23E-12	7.5	17.2173958	1.55E-01	7455338	7455461	NC_000010.10
cg16496217	3.45E-11	2.24E-12	7.5	17.21625	1.09E-01	134651975	134652098	NC_000010.10
cg02725370	3.45E-11	2.24E-12	7.5	17.2155564	1.85E-01	111551829	111551952	NC_000004.11
cg12657297	3.45E-11	2.24E-12	7.5	17.2151032	1.29E-01	234667363	234667486	NC_000001.10
cg12112529	3.45E-11	2.24E-12	7.5	17.2149107	2.43E-01	118922736	118922859	NC_000010.10
cg22276258	3.45E-11	2.24E-12	7.5	17.214619	5.30E-02	65179503	65179626	NC_000012.11
cg10389936	3.46E-11	2.25E-12	7.5	17.2115348	1.44E-01	115741652	115741775	NC_000001.10

cg25723866	3.46E-11	2.25E-12	7.5	17.2110914	7.56E-02	41099080	41099203	NC_000019.9
cg15579567	3.47E-11	2.25E-12	7.5	17.2099315	3.93E-02	138952482	138952605	NC_000003.11
cg00717995	3.47E-11	2.25E-12	7.5	17.2094209	1.03E-01	44819838	44819961	NC_000001.10
cg01882870	3.47E-11	2.25E-12	7.49	17.2085923	1.80E-01	89910748	89910871	NC_000015.9
cg10904109	3.48E-11	2.26E-12	7.49	17.2057858	1.51E-01	146755494	146755617	NC_000006.11
cg05006349	3.48E-11	2.26E-12	7.49	17.2053692	2.26E-01	14925517	14925640	NC_000001.10
cg18535611	3.49E-11	2.27E-12	7.49	17.2030179	8.88E-02	28505434	28505557	NC_000013.10
cg10143811	3.49E-11	2.27E-12	7.49	17.202269	2.14E-01	16757985	16758108	NC_000012.11
cg05437823	3.50E-11	2.27E-12	7.49	17.2006114	1.64E-01	50813676	50813799	NC_000006.11
cg22060073	3.50E-11	2.28E-12	7.49	17.1990105	1.87E-01	132052942	132053065	NC_000008.10
cg24122068	3.51E-11	2.28E-12	7.49	17.197326	1.34E-01	23845240	23845363	NC_000003.11
cg10166277	3.51E-11	2.28E-12	7.49	17.1963367	1.42E-01	104752828	104752951	NC_000007.13
cg09170553	3.51E-11	2.28E-12	7.49	17.1960952	1.11E-01	298743	298866	NC_000004.11
cg15295166	3.51E-11	2.28E-12	7.49	17.1952462	4.89E-02	36040771	36040894	NC_000021.8
cg04673825	3.52E-11	2.29E-12	7.49	17.1930878	2.33E-01	10459183	10459306	NC_000004.11
cg19269029	3.52E-11	2.29E-12	7.49	17.1929651	7.69E-02	143614797	143614920	NC_000008.10
cg22138735	3.52E-11	2.29E-12	7.49	17.19288	1.77E-01	62679713	62679836	NC_000020.10
cg23201008	3.52E-11	2.29E-12	7.49	17.1924527	1.23E-01	99939568	99939691	NC_000014.8
cg21282549	3.52E-11	2.29E-12	7.49	17.1921386	2.73E-01	51925128	51925251	NC_000019.9
cg15158086	3.54E-11	2.30E-12	7.49	17.187934	1.05E-01	1221572	1221695	NC_000011.9
cg22506548	3.54E-11	2.31E-12	7.49	17.1864114	1.45E-01	2996949	2997072	NC_000001.10
cg09089421	3.54E-11	2.31E-12	7.49	17.1862878	1.45E-01	127803668	127803791	NC_000003.11
cg13397057	3.56E-11	2.31E-12	7.49	17.1823771	1.48E-01	62070246	62070369	NC_000016.9
cg08836825	3.56E-11	2.32E-12	7.49	17.1822643	9.52E-02	82726757	82726880	NC_000006.11
cg25045746	3.56E-11	2.32E-12	7.49	17.180391	1.61E-01	98963768	98963891	NC_000002.11

cg19184449	3.56E-11	2.32E-12	7.49	17.1801962	2.76E-02	52700707	52700830	NC_000012.11
cg14292870	3.56E-11	2.32E-12	7.49	17.1801865	1.48E-01	6887543	6887666	NC_000012.11
cg27183007	3.56E-11	2.32E-12	7.49	17.180087	1.01E-01	50132975	50133098	NC_000007.13
cg01615333	3.57E-11	2.32E-12	7.49	17.1784894	1.04E-01	127765195	127765318	NC_000012.11
cg07403228	3.57E-11	2.33E-12	7.49	17.177334	1.04E-01	61792641	61792764	NC_000017.10
cg08965744	3.57E-11	2.33E-12	7.49	17.1766815	6.72E-02	6993580	6993703	NC_000012.11
cg20365867	3.58E-11	2.33E-12	7.49	17.1761267	8.56E-02	42917340	42917463	NC_000003.11
cg22986947	3.59E-11	2.34E-12	7.49	17.1728848	9.53E-02	7907918	7908041	NC_000006.11
cg04386206	3.59E-11	2.34E-12	7.49	17.1727559	1.80E-01	170303640	170303763	NC_000003.11
cg26963356	3.59E-11	2.34E-12	7.49	17.1721988	2.17E-01	55443833	55443956	NC_000006.11
cg14999001	3.59E-11	2.34E-12	7.49	17.1717836	2.62E-01	45197441	45197564	NC_000007.13
cg20645601	3.60E-11	2.35E-12	7.49	17.1682002	1.45E-01	2742371	2742494	NC_000007.13
cg23253448	3.60E-11	2.35E-12	7.49	17.1677307	1.08E-01	22548828	22548951	NC_000008.10
cg10152449	3.61E-11	2.35E-12	7.49	17.1665473	1.26E-01	2444534	2444657	NC_000007.13
cg14644752	3.61E-11	2.36E-12	7.49	17.1654148	2.15E-01	89340331	89340454	NC_000008.10
cg03760839	3.61E-11	2.36E-12	7.49	17.1650523	1.11E-01	119531718	119531841	NC_000001.10
cg03331175	3.62E-11	2.36E-12	7.49	17.1644117	8.48E-02	99069044	99069167	NC_000007.13
cg12958813	3.62E-11	2.36E-12	7.49	17.1637959	1.25E-01	198509669	198509792	NC_000001.10
cg21113740	3.62E-11	2.36E-12	7.49	17.1627399	1.41E-01	79472343	79472466	NC_000001.10
cg01557549	3.62E-11	2.36E-12	7.49	17.1616606	1.50E-01	53168665	53168788	NC_000003.11
cg23284338	3.63E-11	2.36E-12	7.49	17.1612651	9.28E-02	73569605	73569728	NC_000010.10
cg04478905	3.63E-11	2.37E-12	7.49	17.1598851	1.44E-01	37915091	37915214	NC_000021.8
cg09311683	3.65E-11	2.38E-12	7.49	17.1556803	1.86E-01	2801995	2802118	NC_000020.10
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cg11755405	3.65E-11	2.38E-12	7.49	17.1548903	2.07E-01	63511872	63511995	NC_000014.8

cg20176142	3.65E-11	2.38E-12	7.49	17.1546867	1.65E-01	81408357	81408480	NC_000008.10
cg02268156	3.65E-11	2.38E-12	7.49	17.1539626	1.28E-01	66162107	66162230	NC_000016.9
cg26164907	3.65E-11	2.39E-12	7.49	17.1528177	5.56E-02	155616192	155616315	NC_000007.13
cg25449440	3.66E-11	2.39E-12	7.49	17.1517788	1.52E-01	147116420	147116543	NC_000003.11
cg18720151	3.66E-11	2.39E-12	7.49	17.1516209	1.48E-01	16763480	16763603	NC_000012.11
cg13537237	3.66E-11	2.39E-12	7.49	17.1515081	1.59E-01	241908681	241908804	NC_000002.11
cg27361577	3.66E-11	2.39E-12	7.48	17.1500933	8.49E-02	234662759	234662882	NC_000002.11
cg05194552	3.67E-11	2.40E-12	7.48	17.148776	5.18E-02	3873444	3873567	NC_000016.9
cg12041387	3.70E-11	2.42E-12	7.48	17.1403619	2.10E-01	96650171	96650294	NC_000007.13
cg27103296	3.71E-11	2.42E-12	7.48	17.1384316	2.49E-01	121940951	121941074	NC_000007.13
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cg08234308	3.73E-11	2.44E-12	7.48	17.1309497	2.63E-01	65991176	65991299	NC_000001.10
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cg10725227	3.74E-11	2.44E-12	7.48	17.129254	5.81E-02	107012207	107012330	NC_000006.11
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cg08115682	3.74E-11	2.45E-12	7.48	17.1284775	1.32E-01	5153729	5153852	NC_000012.11
cg22305346	3.74E-11	2.45E-12	7.48	17.127896	3.69E-02	7830039	7830162	NC_000017.10
cg25042860	3.75E-11	2.45E-12	7.48	17.1259303	9.88E-02	62467034	62467157	NC_000017.10
cg03671597	3.75E-11	2.45E-12	7.48	17.1257035	1.64E-01	27333463	27333586	NC_000017.10
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cg09176256	3.76E-11	2.46E-12	7.48	17.1241687	1.33E-01	119293967	119294090	NC_000010.10
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cg27067575	3.76E-11	2.46E-12	7.48	17.1224198	9.42E-02	41866725	41866848	NC_000005.9
cg19161859	3.76E-11	2.46E-12	7.48	17.1219334	1.25E-01	84327426	84327549	NC_000001.10
cg11562502	3.77E-11	2.46E-12	7.48	17.1207915	2.11E-01	113441626	113441749	NC_000004.11

cg19480263	3.77E-11	2.46E-12	7.48	17.1207246	9.30E-02	5743854	5743977	NC_000007.13
cg21535000	3.78E-11	2.47E-12	7.48	17.1185849	2.41E-01	9760877	9761000	NC_000008.10
cg19095600	3.78E-11	2.47E-12	7.48	17.1178614	1.73E-01	155108933	155109056	NC_000005.9
cg05320944	3.79E-11	2.48E-12	7.48	17.1145525	1.09E-01	76018865	76018988	NC_000014.8
cg17534564	3.79E-11	2.48E-12	7.48	17.1142941	7.38E-02	124600518	124600641	NC_000012.11
cg22569496	3.79E-11	2.48E-12	7.48	17.1132291	1.13E-01	13409671	13409794	NC_000019.9
cg27043010	3.80E-11	2.49E-12	7.48	17.1121274	1.61E-01	99712380	99712503	NC_000014.8
cg20172627	3.80E-11	2.49E-12	7.48	17.1119646	2.79E-01	25439110	25439233	NC_000002.11
cg19400601	3.80E-11	2.49E-12	7.48	17.1112897	8.31E-02	117691210	117691333	NC_000011.9
cg05112120	3.80E-11	2.49E-12	7.48	17.1104578	1.37E-01	10119723	10119846	NC_000017.10
cg13242000	3.81E-11	2.49E-12	7.48	17.1096738	1.42E-01	74426086	74426209	NC_000015.9
cg04888037	3.81E-11	2.49E-12	7.48	17.1086387	1.24E-01	126677203	126677326	NC_000012.11
cg12475507	3.82E-11	2.50E-12	7.48	17.1062804	1.32E-01	3567852	3567975	NC_000001.10
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cg05911990	3.82E-11	2.50E-12	7.48	17.1059506	1.50E-01	112063449	112063572	NC_000007.13
cg16664496	3.82E-11	2.50E-12	7.48	17.1055883	6.59E-02	87740413	87740536	NC_000016.9
cg15836660	3.82E-11	2.50E-12	7.48	17.105559	1.83E-01	78493128	78493251	NC_000013.10
cg23420260	3.82E-11	2.50E-12	7.48	17.1053644	2.45E-01	177053285	177053408	NC_000002.11
cg14823763	3.82E-11	2.50E-12	7.48	17.1048473	1.93E-01	1884365	1884488	NC_000005.9
cg27199820	3.83E-11	2.51E-12	7.48	17.1044976	1.91E-01	6903019	6903142	NC_000003.11
cg18774195	3.83E-11	2.51E-12	7.48	17.104303	1.70E-01	170303830	170303953	NC_000003.11
cg01906054	3.83E-11	2.51E-12	7.48	17.1042554	4.45E-02	14683649	14683772	NC_000017.10
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cg17398252	3.84E-11	2.51E-12	7.48	17.101826	2.75E-01	105585179	105585302	NC_000006.11
cg23241914	3.84E-11	2.52E-12	7.48	17.1002618	9.38E-02	161193393	161193516	NC_000001.10



cg09662034	3.85E-11	2.52E-12	7.48	17.0988023	1.35E-01	55206467	55206590	NC_000020.10
cg21060817	3.85E-11	2.52E-12	7.48	17.0983479	3.54E-02	28792031	28792154	NC_000002.11
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cg02320740	3.87E-11	2.54E-12	7.47	17.0920435	1.91E-01	106400259	106400382	NC_000010.10
cg09538809	3.88E-11	2.55E-12	7.47	17.0889034	1.04E-01	140782948	140783071	NC_000005.9
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cg15037137	3.91E-11	2.56E-12	7.47	17.0827287	1.20E-01	27144302	27144425	NC_000007.13
cg04328762	3.91E-11	2.56E-12	7.47	17.0822257	1.99E-01	19706186	19706309	NC_000022.10
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cg14014964	3.91E-11	2.56E-12	7.47	17.0817892	1.16E-01	94443692	94443815	NC_000009.11
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cg19675288	3.93E-11	2.58E-12	7.47	17.0764152	2.51E-01	166582206	166582329	NC_000006.11
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cg10589825	3.94E-11	2.58E-12	7.47	17.0740504	1.14E-01	105362890	105363013	NC_000002.11
cg08441822	3.94E-11	2.59E-12	7.47	17.0730171	1.39E-01	58723879	58724002	NC_000015.9

cg03169018	3.94E-11	2.59E-12	7.47	17.0721589	1.65E-01	24772435	24772558	NC_000008.10
cg05027554	3.95E-11	2.59E-12	7.47	17.0705264	1.12E-01	646579	646702	NC_000016.9
cg26560222	3.95E-11	2.59E-12	7.47	17.0704366	1.89E-01	50888826	50888949	NC_000001.10
cg04028634	3.95E-11	2.59E-12	7.47	17.0700479	1.39E-01	45613825	45613948	NC_000007.13
cg19855489	3.95E-11	2.60E-12	7.47	17.0695692	4.95E-02	132257551	132257674	NC_000003.11
cg06832406	3.95E-11	2.60E-12	7.47	17.069525	1.05E-01	4230482	4230605	NC_000010.10
cg00201192	3.96E-11	2.60E-12	7.47	17.06875	8.50E-02	48829788	48829911	NC_000004.11
cg03085321	3.96E-11	2.60E-12	7.47	17.0685404	9.51E-02	140133752	140133875	NC_000009.11
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cg09062663	3.99E-11	2.62E-12	7.47	17.0608594	8.75E-02	10262804	10262927	NC_000005.9
cg14398860	3.99E-11	2.62E-12	7.47	17.0604401	1.17E-01	134491205	134491328	NC_000010.10
cg17310600	3.99E-11	2.63E-12	7.47	17.058513	1.53E-01	165305334	165305457	NC_000004.11
cg26717554	4.00E-11	2.63E-12	7.47	17.0577518	1.42E-01	853334	853457	NC_000019.9
cg20033070	4.00E-11	2.63E-12	7.47	17.0573875	1.03E-01	24685656	24685779	NC_000014.8
cg01838443	4.00E-11	2.63E-12	7.47	17.0572715	1.09E-01	15752932	15753055	NC_000021.8
cg18448949	4.01E-11	2.64E-12	7.47	17.0543819	2.22E-01	176993089	176993212	NC_000002.11
cg01397057	4.01E-11	2.64E-12	7.47	17.0540579	4.59E-02	130344094	130344217	NC_000005.9
cg13371788	4.01E-11	2.64E-12	7.47	17.0535495	2.10E-01	117586817	117586940	NC_000006.11
cg06961473	4.01E-11	2.64E-12	7.47	17.0532522	1.18E-01	65369801	65369924	NC_000015.9
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cg17434309	4.02E-11	2.64E-12	7.47	17.052404	2.42E-01	2161079	2161202	NC_000011.9
cg05114861	4.02E-11	2.65E-12	7.47	17.0502952	1.48E-01	15366034	15366157	NC_000003.11
cg06722407	4.03E-11	2.65E-12	7.47	17.049011	1.72E-01	19918586	19918709	NC_000013.10
cg08301307	4.03E-11	2.65E-12	7.47	17.0484502	7.58E-02	103599204	103599327	NC_000014.8
cg01449266	4.03E-11	2.65E-12	7.47	17.0482435	6.55E-02	2109999	2110122	NC_000001.10
cg05065572	4.04E-11	2.66E-12	7.47	17.047327	1.86E-01	114833912	114834035	NC_000012.11
cg06143897	4.04E-11	2.66E-12	7.47	17.0472176	1.73E-01	112404754	112404877	NC_000010.10
cg00089798	4.04E-11	2.66E-12	7.47	17.0460293	2.02E-01	62585204	62585327	NC_000012.11
cg22961278	4.04E-11	2.66E-12	7.47	17.0459531	1.67E-01	81107087	81107210	NC_000004.11
cg08254359	4.04E-11	2.66E-12	7.47	17.0455134	1.78E-01	54398518	54398641	NC_000012.11
cg11060276	4.05E-11	2.66E-12	7.47	17.0440091	1.69E-01	57359414	57359537	NC_000008.10
cg02034102	4.06E-11	2.67E-12	7.47	17.0409466	1.68E-01	37026739	37026862	NC_000009.11
cg11591516	4.06E-11	2.67E-12	7.47	17.0403658	2.49E-01	85954316	85954439	NC_000010.10
cg24032056	4.07E-11	2.68E-12	7.47	17.0376751	6.32E-02	75961704	75961827	NC_000012.11
cg26531286	4.07E-11	2.68E-12	7.47	17.0376719	1.29E-01	98799358	98799481	NC_000013.10
cg13839391	4.07E-11	2.68E-12	7.47	17.0371513	6.79E-02	121719066	121719189	NC_000012.11
cg15622556	4.09E-11	2.69E-12	7.46	17.0340641	1.29E-01	12251820	12251943	NC_000001.10
cg14415034	4.09E-11	2.69E-12	7.46	17.0338144	2.42E-02	45730717	45730840	NC_000003.11
cg26770200	4.09E-11	2.69E-12	7.46	17.0337114	5.32E-02	119752914	119753037	NC_000008.10
cg27117509	4.09E-11	2.69E-12	7.46	17.0330788	1.68E-01	19551398	19551521	NC_000002.11
cg00037457	4.09E-11	2.69E-12	7.46	17.0327182	1.51E-01	59531744	59531867	NC_000017.10
cg15922174	4.09E-11	2.70E-12	7.46	17.0318927	2.54E-01	126135998	126136121	NC_000009.11
cg25549459	4.10E-11	2.70E-12	7.46	17.0298813	1.76E-01	105471252	105471375	NC_000002.11
cg18161956	4.10E-11	2.70E-12	7.46	17.0296412	1.34E-01	115112626	115112749	NC_000012.11
cg06101841	4.11E-11	2.71E-12	7.46	17.0282481	9.20E-02	48758048	48758171	NC_000003.11

cg22374233	4.11E-11	2.71E-12	7.46	17.0277304	1.64E-01	906726	906849	NC_000018.9
cg21850852	4.12E-11	2.72E-12	7.46	17.0249051	1.01E-01	73746186	73746309	NC_000017.10
cg19944763	4.13E-11	2.72E-12	7.46	17.0240827	2.21E-01	15761854	15761977	NC_000010.10
cg03249890	4.13E-11	2.72E-12	7.46	17.0226878	1.33E-01	175199803	175199926	NC_000002.11
cg16937268	4.14E-11	2.73E-12	7.46	17.0210878	2.06E-01	21684417	21684540	NC_000020.10
cg22047387	4.14E-11	2.73E-12	7.46	17.0202164	1.97E-01	55413872	55413995	NC_000012.11
cg19099050	4.15E-11	2.74E-12	7.46	17.018017	1.97E-01	9594382	9594505	NC_000003.11
cg24709745	4.17E-11	2.75E-12	7.46	17.0135851	3.02E-02	1049864	1049987	NC_000001.10
cg05171933	4.17E-11	2.75E-12	7.46	17.0135849	1.40E-01	147205668	147205791	NC_000005.9
cg13280612	4.17E-11	2.75E-12	7.46	17.0135787	3.16E-02	126133599	126133722	NC_000010.10
cg04067139	4.17E-11	2.75E-12	7.46	17.0134084	2.58E-01	58673167	58673290	NC_000011.9
cg12597281	4.18E-11	2.76E-12	7.46	17.0106388	4.18E-02	208266216	208266339	NC_000001.10
cg05630016	4.18E-11	2.76E-12	7.46	17.0104436	2.29E-01	51815281	51815404	NC_000019.9
cg25901381	4.18E-11	2.76E-12	7.46	17.009499	1.65E-01	27225485	27225608	NC_000007.13
cg00376022	4.20E-11	2.77E-12	7.46	17.0064119	1.56E-01	19183880	19184003	NC_000007.13
cg11689732	4.20E-11	2.77E-12	7.46	17.0046491	1.13E-01	79139096	79139219	NC_000017.10
cg11525479	4.21E-11	2.78E-12	7.46	17.0025147	1.44E-01	88799523	88799646	NC_000015.9
cg00709112	4.22E-11	2.79E-12	7.46	16.999503	1.45E-01	118369983	118370106	NC_000010.10
cg25648436	4.23E-11	2.79E-12	7.46	16.9984191	1.43E-01	58554527	58554650	NC_000019.9
cg09141300	4.23E-11	2.79E-12	7.46	16.9983653	7.33E-02	30346020	30346143	NC_000005.9
cg17455088	4.23E-11	2.79E-12	7.46	16.9982795	1.38E-01	206551466	206551589	NC_000002.11
cg08603125	4.23E-11	2.79E-12	7.46	16.9981089	1.44E-01	35890197	35890320	NC_000006.11
cg01328892	4.24E-11	2.80E-12	7.46	16.9962529	2.33E-01	133562332	133562455	NC_000006.11
cg25201047	4.24E-11	2.80E-12	7.46	16.9958011	1.40E-01	1282630	1282753	NC_000007.13
cg27573549	4.24E-11	2.80E-12	7.46	16.9952379	7.62E-02	56189952	56190075	NC_000019.9

cg09317928	4.24E-11	2.80E-12	7.46	16.9949725	1.17E-01	61716830	61716953	NC_000011.9
cg09834343	4.24E-11	2.80E-12	7.46	16.9949215	2.15E-01	32942910	32943033	NC_000015.9
cg05686379	4.24E-11	2.80E-12	7.46	16.9947079	6.82E-02	36101779	36101902	NC_000007.13
cg03514545	4.24E-11	2.80E-12	7.46	16.9946029	1.93E-01	114696698	114696821	NC_000001.10
cg23141855	4.25E-11	2.80E-12	7.46	16.9937174	2.14E-01	93519892	93520015	NC_000007.13
cg13801381	4.25E-11	2.81E-12	7.46	16.9919032	2.24E-01	4384022	4384145	NC_000012.11
cg21908972	4.26E-11	2.81E-12	7.46	16.9905526	9.00E-02	281291	281414	NC_000019.9
cg05527856	4.26E-11	2.81E-12	7.46	16.9903742	8.54E-02	11603196	11603319	NC_000011.9
cg16397021	4.26E-11	2.82E-12	7.46	16.9894085	1.30E-01	25953388	25953511	NC_000015.9
cg06928695	4.27E-11	2.82E-12	7.46	16.9884993	7.47E-02	6384119	6384242	NC_000017.10
cg10672108	4.27E-11	2.82E-12	7.46	16.9870052	1.22E-01	58389987	58390110	NC_000011.9
cg06701796	4.28E-11	2.83E-12	7.46	16.9842004	5.43E-02	47745582	47745705	NC_000019.9
cg09346993	4.29E-11	2.83E-12	7.46	16.9838967	7.42E-02	31938358	31938481	NC_000006.11
cg26126740	4.30E-11	2.84E-12	7.46	16.9809946	9.35E-02	42574332	42574455	NC_000020.10
cg26156687	4.30E-11	2.84E-12	7.46	16.9798061	1.79E-01	102586168	102586291	NC_000010.10
cg27484483	4.30E-11	2.84E-12	7.46	16.9794784	1.46E-01	103249853	103249976	NC_000008.10
cg19198993	4.30E-11	2.85E-12	7.46	16.9792313	5.83E-02	131708300	131708423	NC_000012.11
cg00970396	4.31E-11	2.85E-12	7.46	16.978704	1.91E-01	9107199	9107322	NC_000016.9
cg26795012	4.31E-11	2.85E-12	7.46	16.9785636	6.58E-02	245874750	245874873	NC_000001.10
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cg24716664	4.31E-11	2.85E-12	7.46	16.9775586	1.51E-01	1006121	1006244	NC_000011.9
cg10038618	4.31E-11	2.85E-12	7.46	16.9768696	1.50E-01	3567719	3567842	NC_000001.10
cg08376020	4.32E-11	2.85E-12	7.45	16.9762211	8.79E-02	8154317	8154440	NC_000004.11
cg04049225	4.33E-11	2.86E-12	7.45	16.9731315	1.00E-01	85672175	85672298	NC_000016.9

cg27331863	4.34E-11	2.87E-12	7.45	16.9703049	1.17E-01	66062176	66062299	NC_000015.9
cg24569447	4.35E-11	2.88E-12	7.45	16.9671889	1.98E-01	89312795	89312918	NC_000015.9
cg07230107	4.36E-11	2.88E-12	7.45	16.9659835	1.76E-01	224804396	224804519	NC_000001.10
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cg22398616	4.38E-11	2.90E-12	7.45	16.9620048	1.06E-01	53314203	53314326	NC_000013.10
cg04584301	4.39E-11	2.90E-12	7.45	16.9595641	2.12E-01	17208740	17208863	NC_000020.10
cg07748767	4.39E-11	2.90E-12	7.45	16.9594697	1.31E-01	112659978	112660101	NC_000002.11
cg26053346	4.40E-11	2.91E-12	7.45	16.9567868	1.19E-01	66454856	66454979	NC_000003.11
cg01864361	4.40E-11	2.92E-12	7.45	16.9548161	1.02E-01	54188647	54188770	NC_000019.9
cg17543488	4.41E-11	2.92E-12	7.45	16.9544421	1.75E-01	172672959	172673082	NC_000005.9
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cg08572734	4.42E-11	2.93E-12	7.45	16.9515477	1.93E-01	133485298	133485421	NC_000012.11
cg19046783	4.43E-11	2.94E-12	7.45	16.9484113	1.03E-01	99382086	99382209	NC_000007.13
cg14173476	4.43E-11	2.94E-12	7.45	16.9479668	5.91E-02	19190476	19190599	NC_000017.10
cg08472142	4.44E-11	2.94E-12	7.45	16.9471941	7.47E-02	155007166	155007289	NC_000001.10
cg04688351	4.44E-11	2.94E-12	7.45	16.947044	1.87E-01	223154140	223154263	NC_000002.11
cg20709984	4.44E-11	2.94E-12	7.45	16.9465688	4.48E-02	37922198	37922321	NC_000017.10
cg24912438	4.45E-11	2.95E-12	7.45	16.9451895	2.22E-01	122686564	122686687	NC_000004.11
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cg11092616	4.45E-11	2.95E-12	7.45	16.9437528	2.80E-01	72596493	72596616	NC_000006.11
cg00769012	4.45E-11	2.95E-12	7.45	16.9430251	4.63E-02	39776397	39776520	NC_000022.10
cg18984002	4.46E-11	2.95E-12	7.45	16.942506	1.38E-01	36876514	36876637	NC_000017.10
cg26019112	4.46E-11	2.96E-12	7.45	16.9418476	1.61E-01	31821313	31821436	NC_000011.9
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cg17254701	4.47E-11	2.96E-12	7.45	16.9392872	6.17E-02	78158076	78158199	NC_000017.10

cg25073967	4.47E-11	2.97E-12	7.45	16.9385271	1.09E-01	105360327	105360450	NC_000014.8
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cg12791492	4.51E-11	2.99E-12	7.45	16.9295812	2.05E-01	57522094	57522217	NC_000004.11
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cg15594205	4.52E-11	3.00E-12	7.45	16.9274023	2.34E-01	105470794	105470917	NC_000002.11
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cg04181150	4.53E-11	3.01E-12	7.45	16.924801	1.83E-01	33603883	33604006	NC_000015.9
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cg10261191	4.54E-11	3.01E-12	7.45	16.9228347	1.51E-01	125364744	125364867	NC_000011.9
cg22693493	4.54E-11	3.01E-12	7.45	16.9222832	7.73E-02	172044942	172045065	NC_000005.9
cg19714132	4.54E-11	3.02E-12	7.45	16.9217593	2.01E-01	29235984	29236107	NC_000014.8
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cg23358479	4.55E-11	3.02E-12	7.45	16.9197234	6.89E-02	1110784	1110907	NC_000007.13
cg02710485	4.56E-11	3.03E-12	7.44	16.9179139	1.47E-01	21911128	21911251	NC_000008.10
cg14537179	4.56E-11	3.03E-12	7.44	16.9178218	1.25E-01	115915892	115916015	NC_000009.11
cg04996873	4.56E-11	3.03E-12	7.44	16.917497	2.23E-01	14925992	14926115	NC_000001.10

cg10043313	4.57E-11	3.03E-12	7.44	16.9165843	7.49E-02	32212399	32212522	NC_000016.9
cg02960347	4.57E-11	3.04E-12	7.44	16.9149194	1.38E-01	61715662	61715785	NC_000003.11
cg05621259	4.58E-11	3.04E-12	7.44	16.913917	1.07E-01	39836007	39836130	NC_000008.10
cg17469434	4.58E-11	3.04E-12	7.44	16.9130176	6.69E-02	64748689	64748812	NC_000002.11
cg25490241	4.58E-11	3.04E-12	7.44	16.9126705	1.33E-01	65073816	65073939	NC_000015.9
cg02075820	4.59E-11	3.05E-12	7.44	16.9117245	1.88E-01	17300909	17301032	NC_000011.9
cg09342766	4.59E-11	3.05E-12	7.44	16.9108539	1.69E-01	72596291	72596414	NC_000006.11
cg11416338	4.60E-11	3.05E-12	7.44	16.9093543	1.96E-01	20523143	20523266	NC_000012.11
cg14929805	4.60E-11	3.06E-12	7.44	16.9089126	1.37E-01	134232964	134233087	NC_000008.10
cg07035503	4.61E-11	3.06E-12	7.44	16.906235	2.65E-01	134871966	134872089	NC_000005.9
cg24530250	4.63E-11	3.08E-12	7.44	16.9024512	2.38E-01	71955599	71955722	NC_000011.9
cg04302570	4.63E-11	3.08E-12	7.44	16.9014708	1.14E-01	21640162	21640285	NC_000008.10
cg17567560	4.64E-11	3.09E-12	7.44	16.8992518	2.35E-01	105036863	105036986	NC_000010.10
cg07142833	4.66E-11	3.10E-12	7.44	16.8962232	9.20E-02	48944598	48944721	NC_000022.10
cg13494489	4.66E-11	3.10E-12	7.44	16.8961451	1.04E-01	124535465	124535588	NC_000009.11
cg26106921	4.66E-11	3.10E-12	7.44	16.8957371	6.11E-02	44875053	44875176	NC_000021.8
cg20366397	4.66E-11	3.10E-12	7.44	16.8955958	1.27E-01	59759843	59759966	NC_000003.11
cg22310279	4.66E-11	3.10E-12	7.44	16.8945454	1.65E-01	78493232	78493355	NC_000013.10
cg26104752	4.66E-11	3.10E-12	7.44	16.8942738	1.72E-01	119527377	119527500	NC_000001.10
cg00481629	4.67E-11	3.10E-12	7.44	16.893838	1.94E-01	48972850	48972973	NC_000022.10
cg22512651	4.68E-11	3.11E-12	7.44	16.8911107	1.39E-01	42603117	42603240	NC_000019.9
cg15279413	4.68E-11	3.11E-12	7.44	16.8903572	8.04E-02	18961206	18961329	NC_000022.10
cg07651242	4.68E-11	3.11E-12	7.44	16.890198	1.74E-01	45614720	45614843	NC_000007.13
cg20933239	4.68E-11	3.11E-12	7.44	16.8901271	1.86E-01	2112381	2112504	NC_000005.9
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cg02639634	4.70E-11	3.13E-12	7.44	16.8865388	1.89E-01	54792161	54792284	NC_000008.10
cg00601311	4.70E-11	3.13E-12	7.44	16.8864722	8.03E-02	2186129	2186252	NC_000007.13
cg16304215	4.70E-11	3.13E-12	7.44	16.8852269	1.94E-01	76928810	76928933	NC_000005.9
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cg25013011	4.71E-11	3.13E-12	7.44	16.8846174	2.26E-01	130389010	130389133	NC_000012.11
cg12087643	4.72E-11	3.14E-12	7.44	16.8824161	1.83E-01	118033370	118033493	NC_000010.10
cg12152919	4.72E-11	3.14E-12	7.44	16.8819262	1.63E-01	133561886	133562009	NC_000006.11
cg06410057	4.73E-11	3.15E-12	7.44	16.8802085	2.00E-01	25907218	25907341	NC_000008.10
cg05474726	4.73E-11	3.15E-12	7.44	16.8780959	1.93E-01	65291523	65291646	NC_000008.10
cg12037895	4.74E-11	3.15E-12	7.44	16.8776683	5.21E-02	3058175	3058298	NC_000010.10
cg24418063	4.74E-11	3.16E-12	7.44	16.8775035	9.77E-02	7050950	7051073	NC_000012.11
cg02568902	4.74E-11	3.16E-12	7.44	16.8766695	6.17E-02	6302992	6303115	NC_000004.11
cg01663052	4.74E-11	3.16E-12	7.44	16.8764079	9.15E-02	31923667	31923790	NC_000014.8
cg23812665	4.75E-11	3.16E-12	7.44	16.8754923	3.84E-02	117061545	117061668	NC_000001.10
cg26501369	4.75E-11	3.16E-12	7.44	16.8752684	1.73E-01	133561814	133561937	NC_000006.11
cg19715410	4.75E-11	3.17E-12	7.44	16.8740423	2.56E-01	29139021	29139144	NC_000001.10
cg05062192	4.76E-11	3.17E-12	7.44	16.8718333	1.02E-01	45678303	45678426	NC_000021.8
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cg24236409	4.77E-11	3.18E-12	7.44	16.8708401	1.88E-01	78493282	78493405	NC_000013.10
cg11723713	4.77E-11	3.18E-12	7.44	16.8705966	1.49E-01	131721477	131721600	NC_000002.11
cg13832669	4.77E-11	3.18E-12	7.44	16.8701051	2.08E-01	119609429	119609552	NC_000002.11
cg15039604	4.77E-11	3.18E-12	7.44	16.8698516	6.89E-02	3063192	3063315	NC_000010.10
cg26080154	4.77E-11	3.18E-12	7.44	16.8696019	5.18E-02	1314228	1314351	NC_000011.9
cg11084334	4.77E-11	3.18E-12	7.44	16.8694302	1.07E-01	9594264	9594387	NC_000003.11
cg06631944	4.78E-11	3.19E-12	7.44	16.8681636	1.51E-01	158365160	158365283	NC_000007.13

cg19313408	4.78E-11	3.19E-12	7.44	16.8675753	1.02E-01	46827585	46827708	NC_000021.8
cg16597689	4.78E-11	3.19E-12	7.44	16.867199	5.22E-02	75848879	75849002	NC_000017.10
cg18265435	4.78E-11	3.19E-12	7.44	16.866812	5.67E-02	129828798	129828921	NC_000010.10
cg03901532	4.78E-11	3.19E-12	7.44	16.8666196	9.00E-02	36718460	36718583	NC_000002.11
cg06245037	4.80E-11	3.20E-12	7.44	16.8641864	1.93E-01	44332938	44333061	NC_000011.9
cg07291387	4.80E-11	3.20E-12	7.44	16.8622465	1.14E-01	3445288	3445411	NC_000006.11
cg23423423	4.82E-11	3.21E-12	7.43	16.8599014	6.76E-02	37603155	37603278	NC_000022.10
cg03226844	4.82E-11	3.21E-12	7.43	16.8591196	1.88E-01	185102	185225	NC_000017.10
cg07752026	4.82E-11	3.22E-12	7.43	16.858091	1.94E-01	3786483	3786606	NC_000019.9
cg05670717	4.83E-11	3.22E-12	7.43	16.8572937	1.30E-01	46368052	46368175	NC_000021.8
cg01436128	4.83E-11	3.22E-12	7.43	16.8571455	1.43E-01	22605186	22605309	NC_000019.9
cg14635586	4.83E-11	3.22E-12	7.43	16.85695	1.20E-01	91321898	91322021	NC_000006.11
cg13912573	4.83E-11	3.23E-12	7.43	16.8557675	1.26E-01	92293297	92293420	NC_000009.11
cg25154609	4.84E-11	3.23E-12	7.43	16.8555978	8.21E-02	57404184	57404307	NC_000012.11
cg11108474	4.84E-11	3.23E-12	7.43	16.8537932	9.48E-02	19919156	19919279	NC_000013.10
cg14301191	4.85E-11	3.24E-12	7.43	16.8516848	1.87E-01	158616065	158616188	NC_000006.11
cg23647616	4.85E-11	3.24E-12	7.43	16.851526	1.08E-01	169238245	169238368	NC_000006.11
cg10577511	4.86E-11	3.24E-12	7.43	16.8511954	1.21E-01	122277240	122277363	NC_000002.11
cg11908057	4.86E-11	3.24E-12	7.43	16.8504711	1.55E-01	27171154	27171277	NC_000007.13
cg09793619	4.87E-11	3.25E-12	7.43	16.8481759	1.21E-01	131650331	131650454	NC_000010.10
cg07428004	4.88E-11	3.26E-12	7.43	16.8456934	1.34E-01	127912372	127912495	NC_000007.13
cg17168456	4.88E-11	3.26E-12	7.43	16.8455139	2.03E-01	50717667	50717790	NC_000001.10
cg20011248	4.88E-11	3.26E-12	7.43	16.8454415	9.82E-02	227747268	227747391	NC_000001.10
cg09074113	4.88E-11	3.26E-12	7.43	16.8452346	1.12E-01	20870087	20870210	NC_000002.11
cg22224462	4.89E-11	3.26E-12	7.43	16.8438667	7.46E-02	6214772	6214895	NC_000001.10

cg26963797	4.89E-11	3.27E-12	7.43	16.843212	1.79E-01	51189291	51189414	NC_000016.9
cg14056110	4.89E-11	3.27E-12	7.43	16.8430825	1.90E-01	50236465	50236588	NC_000017.10
cg02421962	4.90E-11	3.28E-12	7.43	16.8404849	8.64E-02	815975	816098	NC_000016.9
cg10308578	4.91E-11	3.28E-12	7.43	16.838425	9.75E-02	8053246	8053369	NC_000011.9
cg26139953	4.93E-11	3.29E-12	7.43	16.8355674	5.20E-02	237973085	237973208	NC_000002.11
cg14510333	4.94E-11	3.30E-12	7.43	16.8322354	1.80E-01	51168503	51168626	NC_000016.9
cg11142389	4.95E-11	3.31E-12	7.43	16.8300374	1.85E-01	147125765	147125888	NC_000003.11
cg17677678	4.96E-11	3.32E-12	7.43	16.8281828	5.00E-02	31735443	31735566	NC_000006.11
cg06908778	4.96E-11	3.32E-12	7.43	16.8280485	1.56E-01	22634602	22634725	NC_000010.10
cg21911021	4.96E-11	3.32E-12	7.43	16.8279649	1.65E-01	58095011	58095134	NC_000019.9
cg27112264	4.97E-11	3.32E-12	7.43	16.8277351	2.12E-01	58400504	58400627	NC_000019.9
cg25433222	4.97E-11	3.32E-12	7.43	16.8276357	6.44E-02	3155143	3155266	NC_000006.11
cg09180848	4.97E-11	3.32E-12	7.43	16.8265487	1.58E-01	83953780	83953903	NC_000015.9
cg15759937	4.98E-11	3.33E-12	7.43	16.8236847	2.49E-01	58400325	58400448	NC_000019.9
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cg13307880	4.99E-11	3.33E-12	7.43	16.8229356	1.67E-01	140744367	140744490	NC_000005.9
cg19518845	4.99E-11	3.34E-12	7.43	16.8227	5.46E-02	183338346	183338469	NC_000001.10
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cg15765724	5.00E-11	3.34E-12	7.43	16.8208479	2.05E-01	237077151	237077274	NC_000002.11
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cg14582763	5.01E-11	3.35E-12	7.43	16.8170324	1.89E-01	52956683	52956806	NC_000019.9
cg26897313	5.02E-11	3.36E-12	7.43	16.8153093	1.93E-01	57903521	57903644	NC_000015.9
cg24304919	5.02E-11	3.36E-12	7.43	16.8151591	1.83E-01	113699194	113699317	NC_000005.9
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cg02154269	5.05E-11	3.38E-12	7.43	16.8098953	7.37E-02	4228637	4228760	NC_000004.11

cg27069753	5.05E-11	3.38E-12	7.43	16.8092187	8.78E-02	22303571	22303694	NC_000001.10
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cg13912311	5.06E-11	3.38E-12	7.43	16.8083399	1.16E-01	127265348	127265471	NC_000009.11
cg24653263	5.07E-11	3.39E-12	7.43	16.8065581	1.94E-01	38258335	38258458	NC_000005.9
cg25017620	5.07E-11	3.39E-12	7.43	16.8055157	1.75E-01	247802802	247802925	NC_000001.10
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cg14409023	5.09E-11	3.41E-12	7.42	16.8019542	2.20E-01	57283436	57283559	NC_000014.8
cg01901262	5.09E-11	3.41E-12	7.42	16.8016327	2.32E-01	54966837	54966960	NC_000016.9
cg02109605	5.09E-11	3.41E-12	7.42	16.8014715	1.37E-01	13028573	13028696	NC_000003.11
cg11403046	5.10E-11	3.41E-12	7.42	16.799902	5.84E-02	40628070	40628193	NC_000020.10
cg07532353	5.10E-11	3.42E-12	7.42	16.7989186	1.10E-01	85608659	85608782	NC_000016.9
cg04797496	5.10E-11	3.42E-12	7.42	16.7984272	1.07E-01	141339086	141339209	NC_000005.9
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cg16792842	5.12E-11	3.43E-12	7.42	16.7952648	1.69E-01	25899459	25899582	NC_000008.10
cg17495719	5.14E-11	3.44E-12	7.42	16.7917688	2.12E-01	144621945	144622068	NC_000004.11
cg14659346	5.14E-11	3.45E-12	7.42	16.7909496	2.05E-01	233246431	233246554	NC_000002.11
cg15104081	5.14E-11	3.45E-12	7.42	16.7909225	7.05E-02	77560291	77560414	NC_000018.9
cg06569421	5.14E-11	3.45E-12	7.42	16.7908173	4.12E-02	101509114	101509237	NC_000007.13
cg11199172	5.14E-11	3.45E-12	7.42	16.7907999	1.62E-01	46707338	46707461	NC_000017.10

cg03382304	5.14E-11	3.45E-12	7.42	16.7899586	2.28E-01	27012176	27012299	NC_000021.8
cg19602485	5.17E-11	3.46E-12	7.42	16.7853368	1.24E-01	84327319	84327442	NC_000001.10
cg03020554	5.17E-11	3.47E-12	7.42	16.7845441	1.79E-01	99951730	99951853	NC_000008.10
cg11251215	5.17E-11	3.47E-12	7.42	16.784101	9.04E-02	45103933	45104056	NC_000001.10
cg26225694	5.17E-11	3.47E-12	7.42	16.7840627	1.76E-01	180205253	180205376	NC_000001.10
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cg07224726	5.18E-11	3.47E-12	7.42	16.7835687	1.78E-01	115298511	115298634	NC_000005.9
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cg09410830	5.18E-11	3.47E-12	7.42	16.7831223	8.18E-02	112041335	112041458	NC_000006.11
cg22536150	5.19E-11	3.48E-12	7.42	16.7800611	1.40E-01	142840129	142840252	NC_000003.11
cg06330323	5.19E-11	3.48E-12	7.42	16.7800515	1.87E-01	2132315	2132438	NC_000016.9
cg27021357	5.20E-11	3.49E-12	7.42	16.779389	2.34E-01	84115969	84116092	NC_000015.9
cg22838882	5.20E-11	3.49E-12	7.42	16.7783118	1.10E-01	138952118	138952241	NC_000003.11
cg02621694	5.21E-11	3.50E-12	7.42	16.7767513	2.40E-01	81951472	81951595	NC_000004.11
cg10698355	5.22E-11	3.50E-12	7.42	16.7752695	1.53E-01	119801193	119801316	NC_000005.9
cg20304988	5.23E-11	3.51E-12	7.42	16.7726255	1.39E-01	29237766	29237889	NC_000007.13
cg00318347	5.23E-11	3.51E-12	7.42	16.7720174	1.01E-01	25812500	25812623	NC_000008.10
cg22920418	5.24E-11	3.51E-12	7.42	16.7714064	1.22E-01	58902394	58902517	NC_000019.9
cg17296482	5.24E-11	3.52E-12	7.42	16.7708319	2.39E-01	4382188	4382311	NC_000012.11
cg11389011	5.24E-11	3.52E-12	7.42	16.7703815	2.87E-02	30576923	30577046	NC_000006.11
cg09621472	5.25E-11	3.52E-12	7.42	16.7691019	7.19E-02	113439314	113439437	NC_000003.11
cg22005656	5.26E-11	3.53E-12	7.42	16.7663702	6.35E-02	159691948	159692071	NC_000005.9
cg26855234	5.26E-11	3.53E-12	7.42	16.7658381	5.83E-02	33798089	33798212	NC_000019.9
cg16161135	5.27E-11	3.53E-12	7.42	16.765638	2.38E-02	179330491	179330614	NC_000005.9
cg11645631	5.27E-11	3.54E-12	7.42	16.7641644	2.20E-01	63986656	63986779	NC_000005.9

cg05311410	5.28E-11	3.54E-12	7.42	16.7635073	2.38E-01	27225523	27225646	NC_000007.13
cg07877257	5.28E-11	3.54E-12	7.42	16.7634651	8.96E-02	125411922	125412045	NC_000012.11
cg18869700	5.28E-11	3.55E-12	7.42	16.7626941	6.36E-02	20907205	20907328	NC_000014.8
cg10813070	5.28E-11	3.55E-12	7.42	16.7616871	7.78E-02	2228344	2228467	NC_000016.9
cg24006721	5.29E-11	3.55E-12	7.42	16.7605088	1.27E-01	25258225	25258348	NC_000001.10
cg13554714	5.32E-11	3.58E-12	7.42	16.7543264	6.48E-02	15698215	15698338	NC_000012.11
cg23756251	5.32E-11	3.58E-12	7.42	16.7538993	1.79E-01	179754521	179754644	NC_000003.11
cg16973098	5.33E-11	3.58E-12	7.42	16.7534533	1.63E-01	95359203	95359326	NC_000013.10
cg16186001	5.33E-11	3.58E-12	7.42	16.7534252	7.08E-02	159448398	159448521	NC_000005.9
cg14292834	5.34E-11	3.59E-12	7.42	16.7502971	1.16E-01	36691116	36691239	NC_000014.8
cg05630812	5.35E-11	3.59E-12	7.42	16.7492541	9.16E-02	202612712	202612835	NC_000001.10
cg10648179	5.36E-11	3.60E-12	7.42	16.7470332	1.49E-01	73986783	73986906	NC_000002.11
cg11245681	5.36E-11	3.60E-12	7.42	16.7468521	1.46E-01	176166754	176166877	NC_000005.9
cg05123019	5.37E-11	3.61E-12	7.42	16.7447774	9.16E-02	97417411	97417534	NC_000010.10
cg08114265	5.37E-11	3.61E-12	7.42	16.7443257	4.70E-02	112052356	112052479	NC_000006.11
cg04157587	5.40E-11	3.63E-12	7.41	16.7397102	1.24E-01	25895751	25895874	NC_000007.13
cg22494346	5.40E-11	3.63E-12	7.41	16.7393385	1.64E-01	68852996	68853119	NC_000005.9
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cg14932124	5.43E-11	3.65E-12	7.41	16.7337624	3.45E-02	32885430	32885553	NC_000013.10
cg00622837	5.43E-11	3.65E-12	7.41	16.7334504	1.67E-01	166421992	166422115	NC_000006.11
cg26339504	5.44E-11	3.66E-12	7.41	16.73046	1.63E-01	118897859	118897982	NC_000010.10
cg11606570	5.44E-11	3.66E-12	7.41	16.730439	1.25E-01	117126698	117126821	NC_000007.13
cg00816936	5.44E-11	3.66E-12	7.41	16.7303297	3.12E-02	68631105	68631228	NC_000001.10
cg12457683	5.44E-11	3.67E-12	7.41	16.7300181	8.66E-02	221393426	221393549	NC_000002.11
cg09317239	5.45E-11	3.67E-12	7.41	16.7291436	9.44E-02	21818060	21818183	NC_000010.10

cg26618618	5.45E-11	3.67E-12	7.41	16.7281106	7.51E-02	95661178	95661301	NC_000011.9
cg24743310	5.46E-11	3.68E-12	7.41	16.7263659	4.01E-02	19619905	19620028	NC_000017.10
cg08497917	5.47E-11	3.69E-12	7.41	16.7245274	1.15E-01	101880285	101880408	NC_000004.11
cg09838442	5.48E-11	3.69E-12	7.41	16.7236028	9.74E-02	74875644	74875767	NC_000017.10
cg06358218	5.48E-11	3.69E-12	7.41	16.7228851	1.54E-01	15766930	15767053	NC_000001.10
cg03336086	5.48E-11	3.69E-12	7.41	16.722557	1.85E-01	79331047	79331170	NC_000005.9
cg20294962	5.48E-11	3.69E-12	7.41	16.7223594	8.88E-02	135126559	135126682	NC_000010.10
cg14843337	5.50E-11	3.70E-12	7.41	16.719467	5.19E-02	12194691	12194814	NC_000003.11
cg12099546	5.50E-11	3.71E-12	7.41	16.7187564	7.26E-02	72763849	72763972	NC_000015.9
cg12873928	5.51E-11	3.71E-12	7.41	16.7174048	7.60E-02	112120720	112120843	NC_000006.11
cg02835823	5.52E-11	3.72E-12	7.41	16.7164081	9.04E-02	85979060	85979183	NC_000016.9
cg05874806	5.52E-11	3.72E-12	7.41	16.7152188	1.19E-01	102350276	102350399	NC_000002.11
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cg20089491	5.52E-11	3.72E-12	7.41	16.7149027	1.25E-01	92257477	92257600	NC_000012.11
cg22679316	5.54E-11	3.73E-12	7.41	16.7122264	1.39E-01	54396990	54397113	NC_000012.11
cg25205699	5.54E-11	3.74E-12	7.41	16.7113423	1.83E-01	37246280	37246403	NC_000004.11
cg20568045	5.55E-11	3.74E-12	7.41	16.7095818	3.04E-02	169642014	169642137	NC_000006.11
cg14081737	5.55E-11	3.74E-12	7.41	16.7092177	1.30E-01	116111377	116111500	NC_000009.11
cg26048630	5.56E-11	3.75E-12	7.41	16.7078399	1.90E-01	170640675	170640798	NC_000001.10
cg07086492	5.56E-11	3.75E-12	7.41	16.7071825	1.36E-01	17439938	17440061	NC_000019.9
cg15059743	5.57E-11	3.75E-12	7.41	16.7063229	8.66E-02	39580880	39581003	NC_000017.10
cg15325373	5.58E-11	3.76E-12	7.41	16.7047719	1.34E-01	119302275	119302398	NC_000010.10
cg27135510	5.58E-11	3.76E-12	7.41	16.7044357	7.82E-02	2423571	2423694	NC_000011.9
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cg02522906	5.61E-11	3.78E-12	7.41	16.6991478	9.16E-02	123450196	123450319	NC_000010.10

cg19950556	5.61E-11	3.78E-12	7.41	16.6990831	7.66E-02	46439470	46439593	NC_000021.8
cg25136408	5.62E-11	3.79E-12	7.41	16.697193	1.22E-01	5265254	5265377	NC_000017.10
cg08024992	5.62E-11	3.79E-12	7.41	16.6964389	3.56E-02	2133441	2133564	NC_000007.13
cg06371452	5.62E-11	3.79E-12	7.41	16.6960749	5.21E-02	38109879	38110002	NC_000010.10
cg14627348	5.62E-11	3.80E-12	7.41	16.6957087	2.09E-01	79630987	79631110	NC_000009.11
cg07060006	5.64E-11	3.80E-12	7.41	16.6937241	1.95E-01	60296469	60296592	NC_000015.9
cg23730181	5.64E-11	3.80E-12	7.41	16.693585	2.27E-01	70033739	70033862	NC_000001.10
cg00502665	5.66E-11	3.82E-12	7.41	16.6901113	1.81E-01	56988813	56988936	NC_000019.9
cg11789740	5.66E-11	3.82E-12	7.41	16.6895838	1.86E-01	33602824	33602947	NC_000015.9
cg14507337	5.66E-11	3.82E-12	7.41	16.6893397	2.18E-01	60978161	60978284	NC_000014.8
cg02248486	5.66E-11	3.82E-12	7.41	16.6885987	1.62E-01	27183196	27183319	NC_000007.13
cg04697262	5.66E-11	3.82E-12	7.41	16.6885597	1.62E-01	130338886	130339009	NC_000010.10
cg06860555	5.70E-11	3.85E-12	7.4	16.6823781	8.03E-02	112672711	112672834	NC_000010.10
cg27259320	5.70E-11	3.85E-12	7.4	16.6822406	1.34E-01	32460587	32460710	NC_000011.9
cg19911801	5.71E-11	3.85E-12	7.4	16.680635	9.06E-02	2435632	2435755	NC_000001.10
cg03723247	5.71E-11	3.85E-12	7.4	16.6804412	1.56E-01	115135238	115135361	NC_000012.11
cg11128216	5.71E-11	3.85E-12	7.4	16.6804073	1.93E-01	31825833	31825956	NC_000011.9
cg18032190	5.71E-11	3.86E-12	7.4	16.6801608	2.03E-01	78493229	78493352	NC_000013.10
cg18209212	5.71E-11	3.86E-12	7.4	16.6794588	2.47E-01	130646256	130646379	NC_000012.11
cg03524083	5.71E-11	3.86E-12	7.4	16.6793091	1.63E-01	70534316	70534439	NC_000018.9
cg15885628	5.71E-11	3.86E-12	7.4	16.6792358	1.18E-01	28344718	28344841	NC_000015.9
cg19677607	5.73E-11	3.87E-12	7.4	16.6762566	1.54E-01	24772270	24772393	NC_000008.10
cg00120505	5.74E-11	3.88E-12	7.4	16.6748857	9.95E-02	5655609	5655732	NC_000009.11
cg24177433	5.74E-11	3.88E-12	7.4	16.6742564	1.13E-01	123535751	123535874	NC_000006.11
cg26333618	5.74E-11	3.88E-12	7.4	16.6735777	1.19E-01	48336655	48336778	NC_000012.11



cg04291079	5.75E-11	3.89E-12	7.4	16.6720044	8.61E-02	101294430	101294553	NC_000014.8
cg13398291	5.75E-11	3.89E-12	7.4	16.6715983	1.62E-01	41166169	41166292	NC_000008.10
cg10290764	5.76E-11	3.89E-12	7.4	16.671007	1.77E-01	4849399	4849522	NC_000008.10
cg25094126	5.77E-11	3.90E-12	7.4	16.6690041	1.31E-01	5541253	5541376	NC_000012.11
cg06308258	5.78E-11	3.91E-12	7.4	16.6673465	1.13E-01	117069282	117069405	NC_000012.11
cg04020079	5.78E-11	3.91E-12	7.4	16.666678	1.37E-01	68546688	68546811	NC_000002.11
cg17138769	5.78E-11	3.91E-12	7.4	16.666415	2.00E-01	118892211	118892334	NC_000010.10
cg14925328	5.79E-11	3.91E-12	7.4	16.665749	1.25E-01	207913718	207913841	NC_000002.11
cg23371746	5.79E-11	3.91E-12	7.4	16.6652246	1.51E-01	119532925	119533048	NC_000001.10
cg00395501	5.79E-11	3.92E-12	7.4	16.664532	1.19E-01	93296860	93296983	NC_000001.10
cg09737421	5.80E-11	3.92E-12	7.4	16.6641227	1.71E-01	7855622	7855745	NC_000016.9
cg18506390	5.81E-11	3.93E-12	7.4	16.6613642	1.86E-01	25903554	25903677	NC_000008.10
cg22248052	5.82E-11	3.94E-12	7.4	16.6598391	1.82E-01	50791419	50791542	NC_000006.11
cg04875614	5.82E-11	3.94E-12	7.4	16.6593986	7.77E-02	2008706	2008829	NC_000004.11
cg16896031	5.84E-11	3.95E-12	7.4	16.6570076	5.77E-02	26148105	26148228	NC_000008.10
cg08464190	5.84E-11	3.95E-12	7.4	16.6563089	2.38E-01	49315302	49315425	NC_000016.9
cg13677800	5.84E-11	3.95E-12	7.4	16.65627	8.33E-02	125426598	125426721	NC_000010.10
cg23503101	5.84E-11	3.95E-12	7.4	16.6557032	5.33E-02	1056579	1056702	NC_000005.9
cg10279872	5.84E-11	3.95E-12	7.4	16.65563	1.03E-01	120118684	120118807	NC_000008.10
cg07822928	5.84E-11	3.95E-12	7.4	16.6556198	1.03E-01	616454	616577	NC_000019.9
cg27528660	5.86E-11	3.97E-12	7.4	16.6523248	1.76E-01	72987924	72988047	NC_000008.10
cg19370054	5.86E-11	3.97E-12	7.4	16.6516884	2.17E-01	98964186	98964309	NC_000002.11
cg09109520	5.87E-11	3.97E-12	7.4	16.6510733	1.33E-01	57673258	57673381	NC_000016.9
cg24787130	5.88E-11	3.98E-12	7.4	16.6488142	1.22E-01	146948683	146948806	NC_000005.9
cg17486860	5.89E-11	3.98E-12	7.4	16.648019	1.73E-01	32454840	32454963	NC_000011.9

cg06294856	5.89E-11	3.99E-12	7.4	16.6475904	1.15E-01	18776340	18776463	NC_000009.11
cg27361134	5.89E-11	3.99E-12	7.4	16.6466463	2.36E-01	43439545	43439668	NC_000020.10
cg12442902	5.90E-11	4.00E-12	7.4	16.6448324	1.03E-01	7427446	7427569	NC_000004.11
cg03816687	5.91E-11	4.00E-12	7.4	16.643897	1.64E-01	21683745	21683868	NC_000020.10
cg07342845	5.91E-11	4.00E-12	7.4	16.6438638	6.34E-02	60555591	60555714	NC_000020.10
cg13758543	5.92E-11	4.01E-12	7.4	16.6417261	1.69E-01	79169714	79169837	NC_000013.10
cg11751806	5.93E-11	4.01E-12	7.4	16.6408224	1.95E-01	43945680	43945803	NC_000012.11
cg12065562	5.98E-11	4.05E-12	7.4	16.6321356	7.54E-02	140615656	140615779	NC_000005.9
cg03591285	5.98E-11	4.05E-12	7.4	16.6315703	1.60E-01	1667404	1667527	NC_000002.11
cg13419986	5.98E-11	4.05E-12	7.4	16.6312882	1.09E-01	218769406	218769529	NC_000002.11
cg18507138	5.98E-11	4.05E-12	7.4	16.6307222	1.54E-01	26665242	26665365	NC_000003.11
cg02004723	6.00E-11	4.06E-12	7.39	16.6284182	7.80E-02	42574341	42574464	NC_000020.10
cg23695133	6.00E-11	4.06E-12	7.39	16.6282533	2.47E-01	21087075	21087198	NC_000020.10
cg18625538	6.00E-11	4.07E-12	7.39	16.6271075	1.29E-01	87832609	87832732	NC_000006.11
cg09563777	6.01E-11	4.07E-12	7.39	16.6261209	1.31E-01	55885870	55885993	NC_000004.11
cg04546041	6.02E-11	4.08E-12	7.39	16.6252833	2.07E-01	57863210	57863333	NC_000019.9
cg15364355	6.03E-11	4.08E-12	7.39	16.6235008	1.32E-01	127567722	127567845	NC_000007.13
cg01588748	6.03E-11	4.09E-12	7.39	16.6218915	1.71E-01	79258386	79258509	NC_000012.11
cg04891086	6.03E-11	4.09E-12	7.39	16.6218693	2.10E-01	5018513	5018636	NC_000012.11
cg16374906	6.04E-11	4.09E-12	7.39	16.6214531	6.92E-02	221838383	221838506	NC_000001.10
cg17002645	6.05E-11	4.10E-12	7.39	16.6189269	1.35E-01	6717799	6717922	NC_000005.9
cg18860812	6.05E-11	4.10E-12	7.39	16.6188852	4.64E-02	6423371	6423494	NC_000004.11
cg00447018	6.06E-11	4.11E-12	7.39	16.6179385	1.18E-01	106938320	106938443	NC_000014.8
cg13231921	6.06E-11	4.11E-12	7.39	16.6176884	1.60E-01	95360542	95360665	NC_000013.10
cg03464473	6.06E-11	4.11E-12	7.39	16.6175487	4.61E-02	72343742	72343865	NC_000007.13

cg11927738	6.06E-11	4.11E-12	7.39	16.6174631	3.88E-02	68850580	68850703	NC_000011.9
cg26425256	6.06E-11	4.11E-12	7.39	16.6171547	1.32E-01	119611362	119611485	NC_000002.11
cg24696861	6.06E-11	4.11E-12	7.39	16.6168253	5.00E-02	46871582	46871705	NC_000017.10
cg22714668	6.06E-11	4.11E-12	7.39	16.6165863	1.06E-01	145453107	145453230	NC_000005.9
cg25405145	6.08E-11	4.12E-12	7.39	16.6145629	1.60E-01	51142580	51142703	NC_000019.9
cg14295306	6.08E-11	4.12E-12	7.39	16.6142843	7.45E-02	71355182	71355305	NC_000017.10
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cg16669607	6.08E-11	4.13E-12	7.39	16.6135318	1.26E-01	202965759	202965882	NC_000002.11
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cg24934408	6.10E-11	4.14E-12	7.39	16.6108504	7.86E-02	17530321	17530444	NC_000001.10
cg24842733	6.10E-11	4.14E-12	7.39	16.6103417	1.65E-01	84419237	84419360	NC_000006.11
cg17942639	6.10E-11	4.14E-12	7.39	16.610281	2.72E-01	154335184	154335307	NC_000002.11
cg08310608	6.15E-11	4.17E-12	7.39	16.6020144	2.94E-02	133278223	133278346	NC_000012.11
cg10452060	6.15E-11	4.17E-12	7.39	16.6019001	7.57E-02	154617645	154617768	NC_000006.11
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cg10963949	6.16E-11	4.18E-12	7.39	16.6005359	1.34E-01	173445463	173445586	NC_000001.10
cg26128079	6.16E-11	4.18E-12	7.39	16.599634	1.54E-01	127212416	127212539	NC_000012.11
cg09384610	6.16E-11	4.19E-12	7.39	16.5993051	1.84E-01	113229534	113229657	NC_000012.11
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cg04897041	6.17E-11	4.19E-12	7.39	16.5976195	5.79E-02	1536462	1536585	NC_000016.9
cg03917492	6.20E-11	4.21E-12	7.39	16.5938527	8.50E-02	49663159	49663282	NC_000010.10
cg02895639	6.20E-11	4.22E-12	7.39	16.5923934	2.27E-01	48970993	48971116	NC_000022.10
cg21807313	6.21E-11	4.22E-12	7.39	16.591766	6.33E-02	176931111	176931234	NC_000005.9
cg21026830	6.21E-11	4.22E-12	7.39	16.5917615	2.33E-01	60973517	60973640	NC_000014.8

cg10153214	6.21E-11	4.22E-12	7.39	16.5917211	8.13E-02	71571146	71571269	NC_000016.9
cg03117544	6.21E-11	4.22E-12	7.39	16.5915202	5.83E-02	27526147	27526270	NC_000001.10
cg04534926	6.21E-11	4.22E-12	7.39	16.5914152	1.88E-01	49314257	49314380	NC_000016.9
cg25567594	6.23E-11	4.23E-12	7.39	16.5883205	2.18E-01	21683478	21683601	NC_000020.10
cg09746736	6.23E-11	4.24E-12	7.39	16.5876113	2.32E-01	55690130	55690253	NC_000016.9
cg20347647	6.23E-11	4.24E-12	7.39	16.5871673	2.88E-02	69364031	69364154	NC_000015.9
cg03465861	6.25E-11	4.25E-12	7.39	16.5850774	1.46E-01	76630660	76630783	NC_000015.9
cg22278296	6.25E-11	4.25E-12	7.39	16.5848005	2.25E-01	154335199	154335322	NC_000002.11
cg02140171	6.27E-11	4.27E-12	7.39	16.5804025	9.17E-02	9509896	9510019	NC_000004.11
cg17641861	6.28E-11	4.27E-12	7.39	16.578803	2.36E-01	570361	570484	NC_000004.11
cg21407117	6.28E-11	4.27E-12	7.39	16.5787928	1.24E-01	228548708	228548831	NC_000001.10
cg00745389	6.29E-11	4.28E-12	7.39	16.5784963	1.65E-01	32467435	32467558	NC_000007.13
cg20965743	6.30E-11	4.28E-12	7.39	16.5765893	1.27E-01	104552209	104552332	NC_000014.8
cg21158633	6.31E-11	4.29E-12	7.39	16.57451	1.65E-01	1272526	1272649	NC_000007.13
cg02852670	6.33E-11	4.30E-12	7.39	16.5718661	1.38E-01	20903410	20903533	NC_000014.8
cg11272874	6.33E-11	4.31E-12	7.38	16.5704021	5.05E-02	44264948	44265071	NC_000011.9
cg23125492	6.34E-11	4.32E-12	7.38	16.5687571	1.34E-01	31821298	31821421	NC_000011.9
cg20618622	6.35E-11	4.32E-12	7.38	16.568017	2.35E-01	164265004	164265127	NC_000004.11
cg19939997	6.36E-11	4.33E-12	7.38	16.5668411	2.08E-01	97173335	97173458	NC_000008.10
cg08920252	6.36E-11	4.33E-12	7.38	16.5658622	1.09E-01	85262820	85262943	NC_000016.9
cg20064452	6.37E-11	4.34E-12	7.38	16.5646984	1.43E-01	59807178	59807301	NC_000014.8
cg09676860	6.37E-11	4.34E-12	7.38	16.5637116	1.64E-01	130737664	130737787	NC_000002.11
cg05222924	6.38E-11	4.34E-12	7.38	16.5631205	1.56E-01	32450486	32450609	NC_000011.9
cg13844591	6.38E-11	4.35E-12	7.38	16.5620948	1.72E-01	158150675	158150798	NC_000001.10
cg20887241	6.41E-11	4.36E-12	7.38	16.5586434	9.59E-02	23522636	23522759	NC_000001.10

cg02925556	6.41E-11	4.37E-12	7.38	16.5574457	3.90E-02	132414758	132414881	NC_000002.11
cg04543938	6.42E-11	4.37E-12	7.38	16.5568876	2.52E-01	28956426	28956549	NC_000006.11
cg15661415	6.42E-11	4.37E-12	7.38	16.5560713	1.35E-01	54825247	54825370	NC_000007.13
cg05328547	6.42E-11	4.38E-12	7.38	16.555477	2.02E-01	19185139	19185262	NC_000007.13
cg15794859	6.43E-11	4.38E-12	7.38	16.5548115	1.64E-01	134214134	134214257	NC_000006.11
cg06638913	6.43E-11	4.38E-12	7.38	16.5547532	1.20E-01	235883680	235883803	NC_000002.11
cg18906596	6.43E-11	4.38E-12	7.38	16.5544645	1.21E-01	4151473	4151596	NC_000017.10
cg10775733	6.43E-11	4.38E-12	7.38	16.5538822	7.77E-02	110498910	110499033	NC_000006.11
cg19632594	6.44E-11	4.39E-12	7.38	16.5531445	1.51E-01	15500077	15500200	NC_000005.9
cg06756436	6.44E-11	4.39E-12	7.38	16.5530962	1.62E-01	615936	616059	NC_000018.9
cg21024112	6.45E-11	4.39E-12	7.38	16.5518016	6.95E-02	41376993	41377116	NC_000006.11
cg18085407	6.47E-11	4.41E-12	7.38	16.5472572	1.07E-01	244080114	244080237	NC_000001.10
cg10783149	6.48E-11	4.41E-12	7.38	16.5471406	1.01E-01	55707866	55707989	NC_000014.8
cg17714025	6.48E-11	4.41E-12	7.38	16.5470865	1.73E-01	30038619	30038742	NC_000011.9
cg06578117	6.48E-11	4.42E-12	7.38	16.5467294	1.18E-01	61444070	61444193	NC_000010.10
cg15738933	6.49E-11	4.43E-12	7.38	16.5444503	1.17E-01	75181373	75181496	NC_000017.10
cg24057615	6.50E-11	4.43E-12	7.38	16.5429488	1.52E-01	43732208	43732331	NC_000021.8
cg17809748	6.50E-11	4.43E-12	7.38	16.5426432	1.50E-01	13548336	13548459	NC_000004.11
cg24186674	6.50E-11	4.43E-12	7.38	16.5425565	2.35E-01	115631116	115631239	NC_000011.9
cg14486346	6.50E-11	4.43E-12	7.38	16.5424443	9.46E-02	102000131	102000254	NC_000002.11
cg02162286	6.51E-11	4.44E-12	7.38	16.5414083	1.71E-01	5887361	5887484	NC_000005.9
cg17932810	6.51E-11	4.44E-12	7.38	16.541295	1.05E-01	46602117	46602240	NC_000001.10
cg07073391	6.52E-11	4.45E-12	7.38	16.5389935	1.99E-01	15761869	15761992	NC_000010.10
cg07826574	6.53E-11	4.45E-12	7.38	16.5381556	7.28E-02	241581281	241581404	NC_000002.11
cg12138450	6.54E-11	4.46E-12	7.38	16.5359348	1.36E-01	34320864	34320987	NC_000014.8

cg24463006	6.55E-11	4.47E-12	7.38	16.534676	1.60E-01	37303096	37303219	NC_000020.10
cg19726546	6.55E-11	4.47E-12	7.38	16.5343601	1.41E-01	979220	979343	NC_000008.10
cg01226811	6.56E-11	4.47E-12	7.38	16.5338785	1.61E-01	21927612	21927735	NC_000012.11
cg20586163	6.57E-11	4.49E-12	7.38	16.531018	1.08E-01	1136538	1136661	NC_000008.10
cg02860732	6.58E-11	4.49E-12	7.38	16.5303454	2.29E-01	12995292	12995415	NC_000016.9
cg09125430	6.58E-11	4.49E-12	7.38	16.5295604	2.81E-01	21927433	21927556	NC_000012.11
cg05721839	6.58E-11	4.49E-12	7.38	16.5292727	6.19E-02	134751598	134751721	NC_000010.10
cg20219100	6.58E-11	4.49E-12	7.38	16.5292375	9.18E-02	63776397	63776520	NC_000011.9
cg02370605	6.59E-11	4.50E-12	7.38	16.5285374	1.71E-01	63417776	63417899	NC_000018.9
cg15930596	6.59E-11	4.50E-12	7.38	16.5282244	1.81E-01	5018229	5018352	NC_000012.11
cg25481073	6.60E-11	4.50E-12	7.38	16.5274287	1.74E-01	39995542	39995665	NC_000020.10
cg02203711	6.60E-11	4.50E-12	7.38	16.5272617	6.80E-02	39855863	39855986	NC_000022.10
cg13281868	6.60E-11	4.51E-12	7.38	16.526167	7.91E-02	53883888	53884011	NC_000006.11
cg06239616	6.60E-11	4.51E-12	7.38	16.5259702	2.16E-01	154705941	154706064	NC_000007.13
cg12724384	6.61E-11	4.51E-12	7.38	16.5254828	9.05E-02	71267300	71267423	NC_000008.10
cg19999645	6.61E-11	4.51E-12	7.38	16.5247607	2.04E-01	35047394	35047517	NC_000015.9
cg25652029	6.63E-11	4.53E-12	7.38	16.5215264	1.94E-01	182321786	182321909	NC_000002.11
cg23457166	6.65E-11	4.54E-12	7.38	16.5185652	5.68E-02	127797286	127797409	NC_000006.11
cg10375890	6.66E-11	4.55E-12	7.38	16.5175711	2.29E-01	50892511	50892634	NC_000001.10
cg09940861	6.66E-11	4.55E-12	7.38	16.517377	9.55E-02	101201649	101201772	NC_000014.8
cg08207378	6.67E-11	4.56E-12	7.38	16.5159458	4.56E-02	6313762	6313885	NC_000001.10
cg02106385	6.68E-11	4.57E-12	7.38	16.5137281	9.43E-02	36202339	36202462	NC_000001.10
cg14021523	6.69E-11	4.57E-12	7.37	16.5126337	6.58E-02	92959873	92959996	NC_000014.8
cg07934812	6.69E-11	4.57E-12	7.37	16.5126085	1.84E-01	133109013	133109136	NC_000010.10
cg01596674	6.70E-11	4.58E-12	7.37	16.5117472	1.40E-01	130342290	130342413	NC_000009.11

cg27349460	6.70E-11	4.58E-12	7.37	16.5115541	8.02E-02	76000984	76001107	NC_000018.9
cg03841638	6.71E-11	4.58E-12	7.37	16.5100267	1.23E-01	77911850	77911973	NC_000017.10
cg04897683	6.71E-11	4.58E-12	7.37	16.5099453	1.87E-01	134871462	134871585	NC_000005.9
cg18371424	6.71E-11	4.59E-12	7.37	16.5094024	1.29E-01	64654259	64654382	NC_000014.8
cg19479744	6.73E-11	4.60E-12	7.37	16.5065727	6.27E-02	156022315	156022438	NC_000006.11
cg15908093	6.73E-11	4.60E-12	7.37	16.5055616	7.61E-02	175463643	175463766	NC_000005.9
cg16000017	6.76E-11	4.62E-12	7.37	16.5023599	6.85E-02	95639346	95639469	NC_000001.10
cg02363202	6.76E-11	4.62E-12	7.37	16.5013171	1.43E-01	57653226	57653349	NC_000012.11
cg11841394	6.77E-11	4.63E-12	7.37	16.500804	2.28E-01	114841536	114841659	NC_000012.11
cg16443866	6.78E-11	4.63E-12	7.37	16.4993933	2.74E-01	172756558	172756681	NC_000005.9
cg03425785	6.78E-11	4.64E-12	7.37	16.4984442	1.40E-01	62221387	62221510	NC_000020.10
cg11841771	6.79E-11	4.64E-12	7.37	16.4973313	1.60E-01	115134956	115135079	NC_000012.11
cg07658280	6.81E-11	4.66E-12	7.37	16.4937558	1.74E-01	145728490	145728613	NC_000008.10
cg16316394	6.83E-11	4.67E-12	7.37	16.4911067	1.37E-01	140805841	140805964	NC_000005.9
cg11388325	6.84E-11	4.68E-12	7.37	16.4900842	1.70E-01	5018815	5018938	NC_000012.11
cg02745719	6.84E-11	4.68E-12	7.37	16.4892116	6.93E-02	112251076	112251199	NC_000005.9
cg16658020	6.85E-11	4.69E-12	7.37	16.4878623	1.21E-01	39203641	39203764	NC_000017.10
cg02179455	6.85E-11	4.69E-12	7.37	16.4876238	2.08E-01	19183732	19183855	NC_000007.13
cg01565291	6.87E-11	4.70E-12	7.37	16.4855553	1.73E-01	245812674	245812797	NC_000001.10
cg11352339	6.87E-11	4.70E-12	7.37	16.4850209	7.19E-02	43482436	43482559	NC_000006.11
cg25969984	6.87E-11	4.70E-12	7.37	16.484827	1.20E-01	683832	683955	NC_000008.10
cg14256587	6.87E-11	4.70E-12	7.37	16.4842699	1.98E-01	946010	946133	NC_000002.11
cg25021182	6.88E-11	4.71E-12	7.37	16.4832052	1.20E-01	15802594	15802717	NC_000001.10
cg03607359	6.88E-11	4.71E-12	7.37	16.4830296	2.43E-01	176057465	176057588	NC_000005.9
cg02786019	6.89E-11	4.71E-12	7.37	16.4824237	1.51E-01	142582859	142582982	NC_000007.13

cg05625471	6.90E-11	4.72E-12	7.37	16.4806568	1.48E-01	31342748	31342871	NC_000016.9
cg18944176	6.90E-11	4.72E-12	7.37	16.4802859	9.53E-02	27271688	27271811	NC_000007.13
cg18793661	6.90E-11	4.73E-12	7.37	16.479848	1.20E-01	192897	193020	NC_000011.9
cg21215550	6.90E-11	4.73E-12	7.37	16.4794561	2.35E-01	969544	969667	NC_000009.11
cg12232463	6.91E-11	4.73E-12	7.37	16.4788812	1.30E-01	100926650	100926773	NC_000002.11
cg23900070	6.91E-11	4.73E-12	7.37	16.4786886	7.67E-02	68853595	68853718	NC_000014.8
cg17489939	6.91E-11	4.73E-12	7.37	16.478066	1.22E-01	176981919	176982042	NC_000002.11
cg13412545	6.92E-11	4.74E-12	7.37	16.4766775	1.26E-01	172175765	172175888	NC_000005.9
cg08132931	6.93E-11	4.75E-12	7.37	16.4748887	1.85E-01	70994962	70995085	NC_000002.11
cg09998861	6.94E-11	4.76E-12	7.37	16.473635	1.37E-01	86538106	86538229	NC_000016.9
cg18646864	6.95E-11	4.76E-12	7.37	16.4721653	4.60E-02	52866643	52866766	NC_000001.10
cg04154276	6.95E-11	4.76E-12	7.37	16.4717244	1.97E-01	23983888	23984011	NC_000010.10
cg14156650	6.97E-11	4.78E-12	7.37	16.4693226	1.28E-01	2054287	2054410	NC_000016.9
cg25638626	7.02E-11	4.81E-12	7.37	16.4624572	1.84E-01	68117903	68118026	NC_000015.9
cg22013966	7.02E-11	4.81E-12	7.37	16.462265	1.37E-01	95106170	95106293	NC_000014.8
cg12202913	7.02E-11	4.82E-12	7.37	16.4612413	8.03E-02	12846618	12846741	NC_000019.9
cg19678828	7.02E-11	4.82E-12	7.37	16.4611887	1.46E-01	27945413	27945536	NC_000021.8
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cg09671060	7.05E-11	4.84E-12	7.37	16.4570303	1.84E-01	47062953	47063076	NC_000021.8
cg01210642	7.06E-11	4.84E-12	7.37	16.4560034	1.06E-01	36921499	36921622	NC_000006.11
cg20225749	7.06E-11	4.84E-12	7.37	16.4554949	2.28E-01	946127	946250	NC_000002.11
cg08620606	7.07E-11	4.85E-12	7.36	16.4548882	1.47E-01	40005611	40005734	NC_000019.9
cg06759189	7.08E-11	4.85E-12	7.36	16.4533532	2.01E-01	77777947	77778070	NC_000017.10
cg07169289	7.08E-11	4.86E-12	7.36	16.453044	3.80E-02	136534480	136534603	NC_000006.11



cg23768829	7.09E-11	4.86E-12	7.36	16.4513609	1.33E-01	8089653	8089776	NC_000010.10
cg00196787	7.09E-11	4.87E-12	7.36	16.4509776	1.82E-01	32907132	32907255	NC_000017.10
cg00361017	7.10E-11	4.87E-12	7.36	16.4503164	1.20E-01	166073666	166073789	NC_000006.11
cg25480336	7.10E-11	4.87E-12	7.36	16.4500618	2.26E-01	50720908	50721031	NC_000020.10
cg27362525	7.11E-11	4.88E-12	7.36	16.4488092	1.81E-01	5019638	5019761	NC_000017.10
cg12053971	7.11E-11	4.88E-12	7.36	16.4477376	8.34E-02	134917266	134917389	NC_000010.10
cg03700135	7.11E-11	4.88E-12	7.36	16.4477125	1.39E-01	707059	707182	NC_000017.10
cg09347413	7.12E-11	4.89E-12	7.36	16.4466939	2.57E-01	23734299	23734422	NC_000013.10
cg01150936	7.14E-11	4.90E-12	7.36	16.4442773	5.37E-02	67235960	67236083	NC_000016.9
cg24288310	7.14E-11	4.90E-12	7.36	16.4440865	1.94E-01	92936678	92936801	NC_000015.9
cg17306116	7.14E-11	4.90E-12	7.36	16.4437341	2.94E-02	77528194	77528317	NC_000014.8
cg07675169	7.14E-11	4.90E-12	7.36	16.4436811	1.77E-01	61886262	61886385	NC_000020.10
cg04439218	7.14E-11	4.91E-12	7.36	16.4429409	1.33E-01	37839407	37839530	NC_000005.9
cg25474372	7.15E-11	4.91E-12	7.36	16.4417421	1.89E-01	28762125	28762248	NC_000006.11
cg25103417	7.16E-11	4.92E-12	7.36	16.440659	1.42E-01	157812018	157812141	NC_000003.11
cg05950570	7.17E-11	4.93E-12	7.36	16.4391764	2.53E-01	132261418	132261541	NC_000007.13
cg02805814	7.17E-11	4.93E-12	7.36	16.4385731	8.11E-02	53088482	53088605	NC_000019.9
cg26815414	7.17E-11	4.93E-12	7.36	16.4384105	8.42E-02	113300120	113300243	NC_000013.10
cg20072442	7.19E-11	4.94E-12	7.36	16.4362406	2.23E-01	80530255	80530378	NC_000002.11
cg25429672	7.19E-11	4.94E-12	7.36	16.4358693	1.50E-01	73692155	73692278	NC_000011.9
cg14689623	7.20E-11	4.95E-12	7.36	16.4342544	2.67E-01	20691161	20691284	NC_000011.9
cg20114732	7.21E-11	4.95E-12	7.36	16.4338298	2.06E-01	166579135	166579258	NC_000006.11
cg16757332	7.21E-11	4.95E-12	7.36	16.4338223	9.05E-02	92956197	92956320	NC_000014.8
cg09520393	7.21E-11	4.96E-12	7.36	16.4331158	1.31E-01	9783059	9783182	NC_000004.11
cg00228708	7.21E-11	4.96E-12	7.36	16.4328121	7.11E-02	135048062	135048185	NC_000010.10

cg09528449	7.22E-11	4.96E-12	7.36	16.4324533	1.63E-01	144241120	144241243	NC_000008.10
cg22250390	7.23E-11	4.97E-12	7.36	16.4309301	7.53E-02	5246986	5247109	NC_000003.11
cg04043571	7.24E-11	4.98E-12	7.36	16.4288398	1.38E-01	127265989	127266112	NC_000009.11
cg23706449	7.25E-11	4.99E-12	7.36	16.4271165	7.19E-02	47046101	47046224	NC_000008.10
cg19596297	7.26E-11	4.99E-12	7.36	16.4257796	8.02E-02	45021974	45022097	NC_000003.11
cg22138627	7.27E-11	5.00E-12	7.36	16.4251028	4.38E-02	42163505	42163628	NC_000006.11
cg16436782	7.28E-11	5.01E-12	7.36	16.4228029	9.92E-02	110917824	110917947	NC_000013.10
cg02985445	7.29E-11	5.01E-12	7.36	16.4214294	1.31E-01	97908505	97908628	NC_000007.13
cg09110241	7.30E-11	5.02E-12	7.36	16.4207222	6.23E-02	227079364	227079487	NC_000002.11
cg24987745	7.31E-11	5.02E-12	7.36	16.4196399	9.72E-02	17819167	17819290	NC_000002.11
cg21126844	7.31E-11	5.03E-12	7.36	16.4187682	3.71E-02	69254520	69254643	NC_000011.9
cg02446487	7.34E-11	5.05E-12	7.36	16.4145619	3.55E-02	49177504	49177627	NC_000019.9
cg21004604	7.34E-11	5.05E-12	7.36	16.4143287	7.06E-02	4378085	4378208	NC_000017.10
cg25865467	7.36E-11	5.07E-12	7.36	16.4114103	1.58E-01	73673231	73673354	NC_000003.11
cg02641288	7.36E-11	5.07E-12	7.36	16.4112018	9.94E-02	1883011	1883134	NC_000005.9
cg27462210	7.37E-11	5.07E-12	7.36	16.4104263	6.49E-02	44905012	44905135	NC_000021.8
cg03642328	7.37E-11	5.07E-12	7.36	16.4104225	6.88E-02	69624973	69625096	NC_000011.9
cg15556781	7.39E-11	5.09E-12	7.36	16.4074663	7.50E-02	25756688	25756811	NC_000022.10
cg14209344	7.39E-11	5.09E-12	7.36	16.4073604	7.67E-02	87886892	87887015	NC_000004.11
cg00107772	7.42E-11	5.11E-12	7.36	16.4033361	1.69E-01	57261886	57262009	NC_000014.8
cg09798090	7.43E-11	5.11E-12	7.36	16.4025056	5.60E-02	47472140	47472263	NC_000013.10
cg08495115	7.44E-11	5.12E-12	7.36	16.4007899	2.19E-01	33010399	33010522	NC_000015.9
cg18824585	7.44E-11	5.12E-12	7.36	16.400113	1.71E-01	114445084	114445207	NC_000008.10
cg21760040	7.45E-11	5.13E-12	7.36	16.3990689	7.75E-02	19813493	19813616	NC_000007.13
cg10176687	7.45E-11	5.13E-12	7.36	16.3989953	1.94E-01	123229073	123229196	NC_000011.9

cg03623178	7.45E-11	5.13E-12	7.36	16.3989584	2.01E-01	28175578	28175701	NC_000006.11
cg19125584	7.45E-11	5.13E-12	7.36	16.3986452	9.81E-02	601828	601951	NC_000007.13
cg24410255	7.46E-11	5.14E-12	7.36	16.3973804	1.17E-01	218098593	218098716	NC_000001.10
cg09765463	7.47E-11	5.14E-12	7.35	16.3967769	1.28E-01	65393430	65393553	NC_000001.10
cg16085649	7.47E-11	5.14E-12	7.35	16.3964971	1.14E-01	86186011	86186134	NC_000015.9
cg01055099	7.48E-11	5.15E-12	7.35	16.3947714	8.00E-02	3516099	3516222	NC_000016.9
cg00280345	7.50E-11	5.17E-12	7.35	16.3921673	1.27E-01	145728388	145728511	NC_000008.10
cg02005873	7.55E-11	5.20E-12	7.35	16.3848774	1.92E-01	10385839	10385962	NC_000006.11
cg06733347	7.55E-11	5.21E-12	7.35	16.3845178	5.36E-02	72453427	72453550	NC_000015.9
cg17743939	7.56E-11	5.21E-12	7.35	16.3835117	3.11E-02	46444050	46444173	NC_000019.9
cg01937650	7.59E-11	5.23E-12	7.35	16.3801098	1.97E-01	75896836	75896959	NC_000008.10
cg19615102	7.59E-11	5.23E-12	7.35	16.3792393	8.61E-02	104335436	104335559	NC_000012.11
cg04645914	7.60E-11	5.24E-12	7.35	16.3777475	1.73E-01	52452317	52452440	NC_000019.9
cg25470148	7.63E-11	5.26E-12	7.35	16.3744471	1.51E-01	25257931	25258054	NC_000001.10
cg04367345	7.68E-11	5.30E-12	7.35	16.3675915	1.32E-01	44332636	44332759	NC_000011.9
cg15745284	7.69E-11	5.30E-12	7.35	16.3665313	1.62E-01	32064923	32065046	NC_000006.11
cg15174623	7.69E-11	5.30E-12	7.35	16.3662113	1.37E-01	35494345	35494468	NC_000007.13
cg23902471	7.69E-11	5.31E-12	7.35	16.3658121	1.12E-01	49039001	49039124	NC_000022.10
cg22925751	7.70E-11	5.31E-12	7.35	16.3646271	8.74E-02	93509137	93509260	NC_000012.11
cg21980107	7.70E-11	5.32E-12	7.35	16.3640134	5.63E-02	42520181	42520304	NC_000021.8
cg23291886	7.70E-11	5.32E-12	7.35	16.3639292	1.37E-01	174440681	174440804	NC_000004.11
cg01942962	7.71E-11	5.32E-12	7.35	16.3627612	1.95E-01	158143439	158143562	NC_000004.11
cg12780678	7.71E-11	5.32E-12	7.35	16.3626049	1.70E-01	1746846	1746969	NC_000002.11
cg22878622	7.72E-11	5.33E-12	7.35	16.3619078	1.98E-01	67873476	67873599	NC_000008.10
cg09355771	7.73E-11	5.33E-12	7.35	16.3607176	1.89E-01	177043147	177043270	NC_000002.11

cg24595510	7.73E-11	5.34E-12	7.35	16.3603974	2.29E-01	644302	644425	NC_000020.10
cg16914674	7.74E-11	5.35E-12	7.35	16.3583518	2.35E-01	90349662	90349785	NC_000015.9
cg19054219	7.74E-11	5.35E-12	7.35	16.3582525	3.54E-02	46805820	46805943	NC_000022.10
cg18482892	7.76E-11	5.36E-12	7.35	16.3560726	1.56E-01	56833426	56833549	NC_000003.11
cg05605603	7.77E-11	5.37E-12	7.35	16.3546378	1.60E-01	35602594	35602717	NC_000011.9
cg20599066	7.77E-11	5.37E-12	7.35	16.3544481	1.35E-01	23287420	23287543	NC_000007.13
cg18845960	7.78E-11	5.37E-12	7.35	16.3536478	1.23E-01	37387350	37387473	NC_000002.11
cg00914726	7.78E-11	5.37E-12	7.35	16.353253	2.01E-01	60539400	60539523	NC_000001.10
cg06120379	7.78E-11	5.38E-12	7.35	16.3525897	3.90E-02	197357859	197357982	NC_000003.11
cg02092141	7.79E-11	5.38E-12	7.35	16.3516207	1.15E-01	66411184	66411307	NC_000011.9
cg15743922	7.80E-11	5.39E-12	7.35	16.3505945	1.88E-01	22930545	22930668	NC_000018.9
cg13891539	7.81E-11	5.39E-12	7.35	16.3497225	1.43E-01	30322730	30322853	NC_000012.11
cg15559979	7.81E-11	5.40E-12	7.35	16.3494686	5.36E-02	49049574	49049697	NC_000003.11
cg18511930	7.81E-11	5.40E-12	7.35	16.3493605	4.59E-02	42371788	42371911	NC_000004.11
cg25461801	7.82E-11	5.41E-12	7.35	16.3476623	1.38E-01	100630316	100630439	NC_000013.10
cg06029846	7.82E-11	5.41E-12	7.35	16.3472765	1.88E-01	3600317	3600440	NC_000012.11
cg10334354	7.83E-11	5.41E-12	7.35	16.3463659	1.63E-01	66535203	66535326	NC_000004.11
cg07805604	7.83E-11	5.41E-12	7.35	16.34636	1.67E-01	56158885	56159008	NC_000019.9
cg20886017	7.84E-11	5.42E-12	7.35	16.3455288	1.48E-01	131002896	131003019	NC_000003.11
cg02613418	7.85E-11	5.43E-12	7.35	16.3439329	1.78E-01	68723914	68724037	NC_000015.9
cg03530744	7.87E-11	5.44E-12	7.35	16.3412265	1.31E-01	111270991	111271114	NC_000013.10
cg20664313	7.87E-11	5.44E-12	7.35	16.3409841	1.46E-01	133071297	133071420	NC_000012.11
cg15212349	7.87E-11	5.44E-12	7.35	16.3408288	1.45E-01	1444852	1444975	NC_000005.9
cg05038288	7.87E-11	5.44E-12	7.35	16.3408038	9.26E-02	41800491	41800614	NC_000017.10
cg07929029	7.88E-11	5.45E-12	7.35	16.3403288	1.40E-01	150623203	150623326	NC_000001.10

cg27486624	7.89E-11	5.45E-12	7.34	16.3390961	7.93E-02	43542382	43542505	NC_000006.11
cg27320005	7.89E-11	5.46E-12	7.34	16.3380815	1.15E-01	140683767	140683890	NC_000005.9
cg06490627	7.90E-11	5.46E-12	7.34	16.3373585	9.17E-02	50344198	50344321	NC_000016.9
cg08050115	7.90E-11	5.46E-12	7.34	16.3372957	1.34E-01	31341479	31341602	NC_000016.9
cg23001370	7.93E-11	5.48E-12	7.34	16.3337241	1.05E-01	53817073	53817196	NC_000005.9
cg23161999	7.93E-11	5.49E-12	7.34	16.3331328	2.03E-01	162283189	162283312	NC_000002.11
cg08716217	7.94E-11	5.49E-12	7.34	16.3323513	3.27E-02	2483719	2483842	NC_000001.10
cg18679410	7.94E-11	5.50E-12	7.34	16.331414	1.86E-01	26664308	26664431	NC_000003.11
cg20655220	7.95E-11	5.50E-12	7.34	16.3308619	1.24E-01	102246737	102246860	NC_000005.9
cg13338137	7.95E-11	5.50E-12	7.34	16.3307749	1.69E-01	79169966	79170089	NC_000013.10
cg01838004	7.95E-11	5.50E-12	7.34	16.3305983	1.35E-01	100070007	100070130	NC_000009.11
cg10724940	7.95E-11	5.50E-12	7.34	16.3305576	5.33E-02	50656595	50656718	NC_000022.10
cg00210249	7.96E-11	5.51E-12	7.34	16.3289839	1.83E-01	71135679	71135802	NC_000010.10
cg02257517	7.97E-11	5.52E-12	7.34	16.3273048	5.58E-02	136340262	136340385	NC_000009.11
cg19593680	7.99E-11	5.53E-12	7.34	16.325795	9.56E-02	7374669	7374792	NC_000004.11
cg19023320	7.99E-11	5.53E-12	7.34	16.3257754	1.53E-01	13033587	13033710	NC_000003.11
cg02943074	7.99E-11	5.53E-12	7.34	16.3248238	4.95E-02	79906185	79906308	NC_000017.10
cg13875518	7.99E-11	5.53E-12	7.34	16.3246085	1.93E-01	21502218	21502341	NC_000020.10
cg17218713	7.99E-11	5.53E-12	7.34	16.3244495	2.28E-01	71513114	71513237	NC_000001.10
cg16048781	8.00E-11	5.54E-12	7.34	16.3239977	7.01E-02	15296155	15296278	NC_000019.9
cg06082745	8.00E-11	5.54E-12	7.34	16.3239426	2.17E-01	133795139	133795262	NC_000010.10
cg05722981	8.00E-11	5.54E-12	7.34	16.3238541	1.44E-01	111533509	111533632	NC_000004.11
cg06201642	8.00E-11	5.54E-12	7.34	16.3237185	1.91E-01	77333198	77333321	NC_000001.10
cg09155219	8.01E-11	5.54E-12	7.34	16.3225596	1.22E-01	48144280	48144403	NC_000014.8
cg21047695	8.02E-11	5.55E-12	7.34	16.3207682	1.62E-01	63614552	63614675	NC_000008.10

cg10769146	8.04E-11	5.57E-12	7.34	16.3186803	1.65E-01	214156644	214156767	NC_000001.10
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cg18405727	8.06E-11	5.58E-12	7.34	16.3157152	1.75E-01	32860004	32860127	NC_000003.11
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cg11155579	8.07E-11	5.59E-12	7.34	16.3141486	7.21E-02	87582125	87582248	NC_000001.10
cg26239984	8.08E-11	5.60E-12	7.34	16.3127179	1.58E-01	1278428	1278551	NC_000007.13
cg09994035	8.11E-11	5.62E-12	7.34	16.308887	1.50E-01	241826199	241826322	NC_000002.11
cg22523852	8.13E-11	5.63E-12	7.34	16.3073758	1.90E-01	27112049	27112172	NC_000015.9
cg19193956	8.13E-11	5.63E-12	7.34	16.3070732	1.76E-01	19148187	19148310	NC_000007.13
cg17189167	8.14E-11	5.64E-12	7.34	16.3053844	7.99E-02	161087506	161087629	NC_000006.11
cg25306579	8.16E-11	5.65E-12	7.34	16.3034479	1.02E-01	134468976	134469099	NC_000010.10
cg04018622	8.16E-11	5.65E-12	7.34	16.3033561	1.51E-01	3602291	3602414	NC_000012.11
cg16703762	8.16E-11	5.66E-12	7.34	16.3025215	1.48E-01	76932047	76932170	NC_000005.9
cg14701597	8.17E-11	5.66E-12	7.34	16.3022547	7.30E-02	130757617	130757740	NC_000010.10
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cg16647921	8.18E-11	5.67E-12	7.34	16.300438	2.11E-01	41867533	41867656	NC_000004.11
cg00162231	8.20E-11	5.69E-12	7.34	16.2973523	1.79E-01	11035357	11035480	NC_000003.11
cg02019774	8.20E-11	5.69E-12	7.34	16.2972075	1.84E-01	138658470	138658593	NC_000003.11
cg05022105	8.21E-11	5.70E-12	7.34	16.2961905	1.44E-01	32460980	32461103	NC_000011.9
cg12938003	8.22E-11	5.70E-12	7.34	16.2951202	2.34E-01	109092724	109092847	NC_000004.11
cg13888886	8.23E-11	5.71E-12	7.34	16.2940254	6.50E-02	55904640	55904763	NC_000020.10
cg24749866	8.24E-11	5.72E-12	7.34	16.2921138	1.33E-01	235883655	235883778	NC_000002.11
cg27420236	8.25E-11	5.72E-12	7.34	16.2911794	1.85E-01	154334716	154334839	NC_000002.11
cg01214573	8.25E-11	5.73E-12	7.34	16.2909198	7.24E-02	49257931	49258054	NC_000015.9
cg10155304	8.26E-11	5.73E-12	7.34	16.2898885	1.12E-01	109107559	109107682	NC_000012.11

cg08692733	8.26E-11	5.73E-12	7.34	16.2897248	1.53E-01	112404738	112404861	NC_000010.10
cg16880856	8.30E-11	5.76E-12	7.34	16.2845967	1.57E-01	152133898	152134021	NC_000007.13
cg14597534	8.33E-11	5.79E-12	7.33	16.2808051	2.56E-01	43601442	43601565	NC_000011.9
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cg07171111	8.33E-11	5.79E-12	7.33	16.2803239	1.57E-01	10462903	10463026	NC_000004.11
cg25654705	8.34E-11	5.79E-12	7.33	16.2800014	1.03E-01	174424942	174425065	NC_000004.11
cg03384579	8.34E-11	5.79E-12	7.33	16.2797873	2.08E-01	70995440	70995563	NC_000002.11
cg18482164	8.36E-11	5.80E-12	7.33	16.2776284	1.90E-01	37764118	37764241	NC_000017.10
cg26721627	8.36E-11	5.81E-12	7.33	16.2767165	1.11E-01	1319713	1319836	NC_000011.9
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cg25399352	8.39E-11	5.83E-12	7.33	16.2728622	1.73E-01	114837572	114837695	NC_000012.11
cg27053177	8.41E-11	5.84E-12	7.33	16.2713958	6.43E-02	169508778	169508901	NC_000002.11
cg00527805	8.41E-11	5.85E-12	7.33	16.2705229	6.97E-02	76541071	76541194	NC_000018.9
cg00902104	8.42E-11	5.85E-12	7.33	16.2694725	2.09E-01	124901908	124902031	NC_000010.10
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cg06837568	8.44E-11	5.87E-12	7.33	16.2666604	1.35E-01	108634212	108634335	NC_000012.11
cg17554604	8.45E-11	5.87E-12	7.33	16.2664683	2.20E-01	140774522	140774645	NC_000007.13
cg18764804	8.45E-11	5.87E-12	7.33	16.2663218	1.14E-01	226596668	226596791	NC_000001.10
cg22619018	8.45E-11	5.87E-12	7.33	16.2656469	2.35E-01	4852624	4852747	NC_000008.10
cg18801045	8.46E-11	5.88E-12	7.33	16.2645974	1.61E-01	10751081	10751204	NC_000005.9
cg19408467	8.46E-11	5.88E-12	7.33	16.264071	6.24E-02	43232908	43233031	NC_000006.11

cg01541178	8.47E-11	5.89E-12	7.33	16.2628748	1.32E-01	95358498	95358621	NC_000013.10
cg18811597	8.48E-11	5.90E-12	7.33	16.2618847	7.62E-02	39873001	39873124	NC_000007.13
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cg09341793	8.50E-11	5.91E-12	7.33	16.2592122	2.00E-01	94405681	94405804	NC_000014.8
cg14356190	8.53E-11	5.93E-12	7.33	16.2561372	1.42E-01	14908132	14908255	NC_000009.11
cg19974854	8.55E-11	5.95E-12	7.33	16.253699	1.67E-01	145718491	145718614	NC_000005.9
cg22630755	8.57E-11	5.96E-12	7.33	16.2516139	2.82E-01	134871807	134871930	NC_000005.9
cg11986861	8.58E-11	5.97E-12	7.33	16.2492834	1.24E-01	29284199	29284322	NC_000022.10
cg08655760	8.59E-11	5.98E-12	7.33	16.2481271	5.38E-02	116941251	116941374	NC_000001.10
cg15779837	8.60E-11	5.98E-12	7.33	16.2474384	2.33E-01	48918116	48918239	NC_000019.9
cg22883332	8.60E-11	5.99E-12	7.33	16.2472061	1.02E-01	5566260	5566383	NC_000010.10
cg19601293	8.64E-11	6.02E-12	7.33	16.2424131	2.14E-02	2029752	2029875	NC_000007.13
cg15863598	8.64E-11	6.02E-12	7.33	16.242217	1.15E-01	76708663	76708786	NC_000010.10
cg23275776	8.64E-11	6.02E-12	7.33	16.242213	5.09E-02	102496501	102496624	NC_000011.9
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cg05298458	8.65E-11	6.03E-12	7.33	16.2406627	1.35E-01	19749188	19749311	NC_000022.10
cg21384797	8.67E-11	6.04E-12	7.33	16.2388726	8.64E-02	163054771	163054894	NC_000002.11
cg09918296	8.68E-11	6.05E-12	7.33	16.2374915	1.88E-01	54024649	54024772	NC_000019.9
cg14218374	8.68E-11	6.05E-12	7.33	16.2374708	7.24E-02	33747192	33747315	NC_000006.11
cg05139788	8.70E-11	6.06E-12	7.33	16.2355908	1.92E-01	50690647	50690770	NC_000006.11
cg22399133	8.70E-11	6.06E-12	7.33	16.2354217	2.23E-01	208989248	208989371	NC_000002.11
cg23890204	8.72E-11	6.07E-12	7.33	16.2331092	4.82E-02	26247238	26247361	NC_000006.11
cg00790098	8.74E-11	6.09E-12	7.33	16.2309417	1.99E-01	223167400	223167523	NC_000002.11
cg03896611	8.74E-11	6.09E-12	7.33	16.2302091	1.34E-01	99986344	99986467	NC_000008.10
cg08512142	8.76E-11	6.10E-12	7.33	16.2284779	1.77E-01	88796227	88796350	NC_000011.9



cg20699586	8.78E-11	6.12E-12	7.33	16.2260807	1.36E-01	227748719	227748842	NC_000001.10
cg14703605	8.78E-11	6.12E-12	7.33	16.2255888	1.93E-01	72987916	72988039	NC_000008.10
cg23445461	8.79E-11	6.12E-12	7.33	16.2247155	1.84E-01	140864733	140864856	NC_000005.9
cg06745753	8.79E-11	6.13E-12	7.32	16.2244491	7.36E-02	45190297	45190420	NC_000001.10
cg08384637	8.79E-11	6.13E-12	7.32	16.22442	2.79E-01	86601133	86601256	NC_000016.9
cg23221737	8.79E-11	6.13E-12	7.32	16.2243379	1.06E-01	34543055	34543178	NC_000006.11
cg08332990	8.80E-11	6.13E-12	7.32	16.2234815	1.15E-01	997351	997474	NC_000004.11
cg14285365	8.80E-11	6.13E-12	7.32	16.223439	1.16E-01	36643743	36643866	NC_000001.10
cg02416781	8.80E-11	6.13E-12	7.32	16.2233152	1.20E-01	82331856	82331979	NC_000005.9
cg24626310	8.80E-11	6.14E-12	7.32	16.2229641	1.28E-01	25276739	25276862	NC_000020.10
cg09047290	8.80E-11	6.14E-12	7.32	16.2229555	3.71E-02	81978370	81978493	NC_000016.9
cg01487195	8.82E-11	6.15E-12	7.32	16.2204242	3.33E-02	88529573	88529696	NC_000010.10
cg08477106	8.83E-11	6.16E-12	7.32	16.2194244	1.45E-01	75895596	75895719	NC_000004.11
cg26637881	8.84E-11	6.16E-12	7.32	16.2184077	7.76E-02	87879698	87879821	NC_000016.9
cg16790849	8.87E-11	6.19E-12	7.32	16.2144923	6.34E-02	31829511	31829634	NC_000006.11
cg18185958	8.87E-11	6.19E-12	7.32	16.2143083	1.43E-01	223176899	223177022	NC_000002.11
cg14251870	8.88E-11	6.19E-12	7.32	16.2137571	1.88E-01	137809529	137809652	NC_000006.11
cg16102793	8.88E-11	6.20E-12	7.32	16.2131233	2.88E-02	117484975	117485098	NC_000012.11
cg20330472	8.89E-11	6.20E-12	7.32	16.2125657	2.04E-01	133561932	133562055	NC_000006.11
cg08977371	8.90E-11	6.21E-12	7.32	16.2109253	1.39E-01	82660490	82660613	NC_000016.9
cg15840638	8.91E-11	6.22E-12	7.32	16.2099756	2.67E-02	79298691	79298814	NC_000015.9
cg13264394	8.91E-11	6.22E-12	7.32	16.2093336	7.64E-02	152066605	152066728	NC_000003.11
cg05681560	8.92E-11	6.23E-12	7.32	16.2083677	1.02E-01	164288814	164288937	NC_000006.11
cg13463054	8.93E-11	6.23E-12	7.32	16.2076384	2.22E-01	77333159	77333282	NC_000001.10
cg21123160	8.93E-11	6.23E-12	7.32	16.2074612	1.39E-01	10857719	10857842	NC_000003.11

cg07547549	8.94E-11	6.24E-12	7.32	16.2068271	1.44E-01	44658225	44658348	NC_000020.10
cg10109590	8.94E-11	6.24E-12	7.32	16.2065233	5.97E-02	93090866	93090989	NC_000014.8
cg18115215	8.95E-11	6.24E-12	7.32	16.2056554	2.10E-01	132757090	132757213	NC_000003.11
cg01599925	8.95E-11	6.25E-12	7.32	16.205519	9.91E-02	35488024	35488147	NC_000020.10
cg07352438	8.95E-11	6.25E-12	7.32	16.2049818	2.91E-01	5543548	5543671	NC_000018.9
cg02114924	8.97E-11	6.26E-12	7.32	16.2027609	1.55E-01	134069304	134069427	NC_000004.11
cg14866595	8.98E-11	6.27E-12	7.32	16.2020555	1.89E-01	4873442	4873565	NC_000004.11
cg25590826	8.98E-11	6.27E-12	7.32	16.2011014	1.43E-01	74557537	74557660	NC_000015.9
cg06871074	8.99E-11	6.28E-12	7.32	16.200508	1.39E-01	146551565	146551688	NC_000001.10
cg17023149	8.99E-11	6.28E-12	7.32	16.2001583	1.52E-01	13536504	13536627	NC_000004.11
cg01717201	9.00E-11	6.28E-12	7.32	16.199352	8.13E-02	48174262	48174385	NC_000017.10
cg15638055	9.01E-11	6.30E-12	7.32	16.1976609	1.62E-01	110986974	110987097	NC_000008.10
cg15522957	9.02E-11	6.30E-12	7.32	16.1964861	1.33E-01	44324925	44325048	NC_000011.9
cg14709826	9.03E-11	6.31E-12	7.32	16.1957404	1.18E-01	151267707	151267830	NC_000002.11
cg13745279	9.04E-11	6.31E-12	7.32	16.1949185	8.95E-02	111788810	111788933	NC_000011.9
cg06651450	9.04E-11	6.32E-12	7.32	16.1945028	6.86E-02	32860909	32861032	NC_000003.11
cg25535257	9.05E-11	6.32E-12	7.32	16.1938433	6.03E-02	4936114	4936237	NC_000017.10
cg20084504	9.05E-11	6.32E-12	7.32	16.1936176	1.60E-01	28369514	28369637	NC_000013.10
cg24509898	9.05E-11	6.32E-12	7.32	16.1931992	1.04E-01	185070553	185070676	NC_000001.10
cg17891968	9.05E-11	6.33E-12	7.32	16.1927237	1.00E-01	17673737	17673860	NC_000020.10
cg21287054	9.10E-11	6.36E-12	7.32	16.1874885	1.76E-01	54928012	54928135	NC_000019.9
cg11598178	9.12E-11	6.38E-12	7.32	16.1851421	8.99E-02	8602619	8602742	NC_000004.11
cg05194864	9.13E-11	6.38E-12	7.32	16.1845488	1.58E-01	15100977	15101100	NC_000012.11
cg16818395	9.14E-11	6.39E-12	7.32	16.1827863	1.69E-01	128274084	128274207	NC_000003.11
cg16924337	9.19E-11	6.43E-12	7.32	16.1771973	2.36E-01	153452724	153452847	NC_000006.11

cg01150982	9.20E-11	6.43E-12	7.32	16.1763798	7.51E-02	33664555	33664678	NC_000021.8
cg15622891	9.20E-11	6.44E-12	7.32	16.1757854	1.57E-01	163862445	163862568	NC_000006.11
cg00755751	9.21E-11	6.44E-12	7.32	16.1752527	7.58E-02	64677007	64677130	NC_000014.8
cg23543123	9.23E-11	6.46E-12	7.32	16.1727072	1.50E-01	48485569	48485692	NC_000004.11
cg04812475	9.24E-11	6.46E-12	7.32	16.1717145	2.43E-01	17906561	17906684	NC_000009.11
cg00525277	9.24E-11	6.46E-12	7.32	16.1715763	1.63E-01	32064239	32064362	NC_000006.11
cg24072474	9.27E-11	6.48E-12	7.32	16.1686812	1.25E-01	140770013	140770136	NC_000003.11
cg22694191	9.27E-11	6.49E-12	7.32	16.1680481	1.88E-01	19373575	19373698	NC_000019.9
cg19156335	9.29E-11	6.50E-12	7.31	16.1663029	3.57E-02	158497539	158497662	NC_000007.13
cg15105326	9.29E-11	6.50E-12	7.31	16.1660727	1.15E-01	147108916	147109039	NC_000003.11
cg25819026	9.33E-11	6.53E-12	7.31	16.1620332	1.24E-01	41060392	41060515	NC_000019.9
cg20421482	9.36E-11	6.56E-12	7.31	16.1577072	1.22E-01	132169009	132169132	NC_000012.11
cg08595804	9.37E-11	6.56E-12	7.31	16.1566263	1.57E-01	112712424	112712547	NC_000013.10
cg22295864	9.38E-11	6.57E-12	7.31	16.1559844	1.25E-01	74233472	74233595	NC_000011.9
cg05616122	9.39E-11	6.57E-12	7.31	16.1550939	7.02E-02	77982987	77983110	NC_000017.10
cg12977135	9.39E-11	6.58E-12	7.31	16.1544366	7.20E-02	119036478	119036601	NC_000008.10
cg11612852	9.41E-11	6.59E-12	7.31	16.1528977	1.35E-01	21699745	21699868	NC_000004.11
cg21390624	9.41E-11	6.59E-12	7.31	16.1528033	1.47E-01	133561677	133561800	NC_000006.11
cg01078989	9.42E-11	6.59E-12	7.31	16.1519663	1.53E-01	15761657	15761780	NC_000010.10
cg13565656	9.42E-11	6.60E-12	7.31	16.151882	2.61E-01	94543449	94543572	NC_000012.11
cg11700356	9.46E-11	6.63E-12	7.31	16.1468498	1.42E-01	23287560	23287683	NC_000007.13
cg08826251	9.47E-11	6.64E-12	7.31	16.1458244	2.16E-01	58332909	58333032	NC_000014.8
cg23213872	9.48E-11	6.65E-12	7.31	16.1443222	1.27E-01	242613203	242613326	NC_000001.10
cg19662846	9.49E-11	6.65E-12	7.31	16.1434393	1.30E-01	8650410	8650533	NC_000019.9
cg09919917	9.50E-11	6.66E-12	7.31	16.1423461	1.47E-01	242834074	242834197	NC_000002.11

cg21290042	9.50E-11	6.66E-12	7.31	16.1421575	2.14E-01	224804053	224804176	NC_000001.10
cg10059660	9.51E-11	6.67E-12	7.31	16.1411586	1.86E-01	44450234	44450357	NC_000004.11
cg06086731	9.52E-11	6.67E-12	7.31	16.1400886	1.81E-01	38942075	38942198	NC_000001.10
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cg12382902	9.55E-11	6.70E-12	7.31	16.1366047	2.25E-01	4383699	4383822	NC_000012.11
cg14031402	9.56E-11	6.70E-12	7.31	16.1362751	1.57E-01	30353957	30354080	NC_000012.11
cg20303399	9.57E-11	6.71E-12	7.31	16.1350115	1.59E-01	26722965	26723088	NC_000008.10
cg04796828	9.58E-11	6.72E-12	7.31	16.1334595	9.86E-02	10452854	10452977	NC_000008.10
cg03099291	9.59E-11	6.72E-12	7.31	16.133121	5.41E-02	6809939	6810062	NC_000012.11
cg01310875	9.60E-11	6.73E-12	7.31	16.131753	9.14E-02	27938995	27939118	NC_000008.10
cg12460187	9.62E-11	6.75E-12	7.31	16.1289176	7.35E-02	36318437	36318560	NC_000011.9
cg03716908	9.63E-11	6.75E-12	7.31	16.1285463	6.17E-02	81149002	81149125	NC_000005.9
cg25769127	9.66E-11	6.78E-12	7.31	16.1253199	1.04E-01	61543023	61543146	NC_000003.11
cg24463664	9.66E-11	6.78E-12	7.31	16.1252636	1.09E-01	38160704	38160827	NC_000008.10
cg27392802	9.66E-11	6.78E-12	7.31	16.1252468	1.64E-01	332705	332828	NC_000016.9
cg11315168	9.70E-11	6.81E-12	7.31	16.1204314	1.22E-01	129905368	129905491	NC_000007.13
cg27100227	9.74E-11	6.84E-12	7.31	16.1166016	1.88E-01	27281687	27281810	NC_000007.13
cg01307526	9.76E-11	6.85E-12	7.31	16.1142556	7.25E-02	122252471	122252594	NC_000012.11
cg14769792	9.77E-11	6.86E-12	7.31	16.1135692	3.67E-02	89629747	89629870	NC_000004.11
cg25976257	9.77E-11	6.86E-12	7.31	16.1127398	1.99E-01	45405621	45405744	NC_000022.10
cg02138264	9.78E-11	6.86E-12	7.31	16.1126192	1.82E-01	172754465	172754588	NC_000005.9
cg23976499	9.78E-11	6.87E-12	7.31	16.1120951	1.99E-01	11207527	11207650	NC_000010.10
cg09704152	9.79E-11	6.88E-12	7.31	16.1105311	4.40E-02	100028166	100028289	NC_000008.10
cg05511722	9.80E-11	6.88E-12	7.31	16.1102117	1.88E-01	55379566	55379689	NC_000008.10

cg16448037	9.82E-11	6.90E-12	7.3	16.1081038	2.85E-02	72172333	72172456	NC_000010.10
cg00492118	9.82E-11	6.90E-12	7.3	16.1080638	1.50E-01	140771184	140771307	NC_000003.11
cg11016563	9.82E-11	6.90E-12	7.3	16.1076503	1.78E-01	101454626	101454749	NC_000011.9
cg07957294	9.83E-11	6.90E-12	7.3	16.1068448	1.77E-01	170638917	170639040	NC_000001.10
cg26014036	9.84E-11	6.92E-12	7.3	16.1051502	1.92E-01	147112096	147112219	NC_000003.11
cg26784596	9.85E-11	6.92E-12	7.3	16.1040315	1.17E-01	140769814	140769937	NC_000003.11
cg10439742	9.85E-11	6.92E-12	7.3	16.1038797	1.39E-01	83845465	83845588	NC_000016.9
cg08182191	9.86E-11	6.93E-12	7.3	16.1035807	3.50E-02	106714396	106714519	NC_000002.11
cg10634182	9.88E-11	6.94E-12	7.3	16.1015119	7.83E-02	572373	572496	NC_000005.9
cg08116462	9.88E-11	6.94E-12	7.3	16.1012842	1.88E-01	31823141	31823264	NC_000011.9
cg14228146	9.88E-11	6.95E-12	7.3	16.1010059	1.42E-01	119607395	119607518	NC_000002.11
cg26938597	9.90E-11	6.96E-12	7.3	16.0992796	1.80E-01	44778021	44778144	NC_000018.9
cg05236348	9.91E-11	6.96E-12	7.3	16.0983409	4.45E-02	73767717	73767840	NC_000010.10
cg05422049	9.91E-11	6.96E-12	7.3	16.0982712	1.57E-01	1595734	1595857	NC_000002.11
cg04982193	9.91E-11	6.96E-12	7.3	16.0982352	7.76E-02	146278795	146278918	NC_000008.10
cg00021476	9.93E-11	6.98E-12	7.3	16.0956092	1.56E-01	85660215	85660338	NC_000016.9
cg17171215	9.93E-11	6.98E-12	7.3	16.0955794	1.84E-01	237078223	237078346	NC_000002.11
cg25912911	9.94E-11	6.99E-12	7.3	16.095039	1.91E-01	20523121	20523244	NC_000012.11
cg06678594	9.94E-11	6.99E-12	7.3	16.094367	6.59E-02	43573198	43573321	NC_000002.11
cg26694386	9.95E-11	7.00E-12	7.3	16.0936101	1.35E-01	244868765	244868888	NC_000001.10
cg26802291	9.95E-11	7.00E-12	7.3	16.0935565	1.99E-01	19372387	19372510	NC_000019.9
cg10520887	9.96E-11	7.01E-12	7.3	16.0924351	2.20E-01	96470094	96470217	NC_000004.11
cg19688761	9.97E-11	7.01E-12	7.3	16.0916611	8.15E-02	129785464	129785587	NC_000010.10
cg01984304	9.98E-11	7.02E-12	7.3	16.0906805	1.68E-01	91191813	91191936	NC_000001.10
cg24367850	9.99E-11	7.03E-12	7.3	16.089443	5.28E-02	27217401	27217524	NC_000001.10

cg23018092	9.99E-11	7.03E-12	7.3	16.0890094	1.66E-01	126626364	126626487	NC_000005.9
cg04830191	9.99E-11	7.03E-12	7.3	16.0889052	8.90E-02	212868520	212868643	NC_000001.10
cg20632871	1.00E-10	7.04E-12	7.3	16.0873414	5.18E-02	2318918	2319041	NC_000001.10
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cg02564291	1.00E-10	7.05E-12	7.3	16.0858965	1.54E-01	122430235	122430358	NC_000005.9
cg22240704	1.00E-10	7.06E-12	7.3	16.0844217	4.15E-02	20202403	20202526	NC_000003.11
cg10094078	1.01E-10	7.08E-12	7.3	16.0815616	1.44E-01	1467925	1468048	NC_000019.9
cg00723275	1.01E-10	7.10E-12	7.3	16.0794636	9.31E-02	216973091	216973214	NC_000002.11
cg07886195	1.01E-10	7.11E-12	7.3	16.0781988	1.76E-01	11263615	11263738	NC_000019.9
cg09382096	1.01E-10	7.11E-12	7.3	16.077788	1.61E-01	31827593	31827716	NC_000011.9
cg05595832	1.01E-10	7.11E-12	7.3	16.0775407	1.90E-01	104567372	104567495	NC_000007.13
cg00601711	1.01E-10	7.11E-12	7.3	16.0774148	1.56E-01	1089507	1089630	NC_000005.9
cg06821079	1.01E-10	7.11E-12	7.3	16.07724	1.46E-01	39143567	39143690	NC_000017.10
cg14289246	1.01E-10	7.12E-12	7.3	16.0762552	1.59E-01	154710475	154710598	NC_000004.11
cg10715265	1.01E-10	7.12E-12	7.3	16.0760204	2.13E-01	58715499	58715622	NC_000001.10
cg06288154	1.01E-10	7.13E-12	7.3	16.0756879	1.52E-01	130737494	130737617	NC_000002.11
cg01523474	1.01E-10	7.13E-12	7.3	16.0748407	1.59E-01	45365651	45365774	NC_000014.8
cg15880016	1.01E-10	7.15E-12	7.3	16.0725485	8.36E-02	100661648	100661771	NC_000011.9
cg08640361	1.02E-10	7.16E-12	7.3	16.0712392	1.61E-01	134494620	134494743	NC_000006.11
cg01835308	1.02E-10	7.17E-12	7.3	16.0701734	2.26E-01	12997160	12997283	NC_000016.9
cg18706841	1.02E-10	7.20E-12	7.3	16.0657902	6.65E-02	77186157	77186280	NC_000012.11
cg23881458	1.02E-10	7.20E-12	7.3	16.0650528	1.25E-01	42754477	42754600	NC_000006.11
cg13888600	1.02E-10	7.21E-12	7.3	16.0645302	1.57E-01	89911317	89911440	NC_000015.9
cg07468782	1.02E-10	7.21E-12	7.3	16.0639563	8.02E-02	5023846	5023969	NC_000017.10
cg02117086	1.02E-10	7.22E-12	7.3	16.0628398	1.29E-01	232265670	232265793	NC_000002.11

cg09567439	1.02E-10	7.22E-12	7.3	16.0626884	2.08E-01	60297694	60297817	NC_000015.9
cg24530147	1.03E-10	7.23E-12	7.3	16.0612298	1.34E-01	138763894	138764017	NC_000003.11
cg05229403	1.03E-10	7.26E-12	7.3	16.0577211	2.05E-01	133252433	133252556	NC_000010.10
cg12315391	1.03E-10	7.26E-12	7.3	16.05749	1.47E-01	157815145	157815268	NC_000003.11
cg00362285	1.03E-10	7.28E-12	7.3	16.0546321	1.55E-01	236444212	236444335	NC_000001.10
cg10192893	1.03E-10	7.29E-12	7.3	16.0527157	1.90E-01	41747895	41748018	NC_000004.11
cg25895961	1.03E-10	7.30E-12	7.3	16.0523335	1.74E-01	29106422	29106545	NC_000013.10
cg15753178	1.03E-10	7.30E-12	7.3	16.05231	4.72E-02	124535611	124535734	NC_000009.11
cg18470456	1.04E-10	7.31E-12	7.29	16.0512812	1.93E-01	96204493	96204616	NC_000013.10
cg26089160	1.04E-10	7.32E-12	7.29	16.0498953	1.59E-01	104170217	104170340	NC_000010.10
cg12470092	1.04E-10	7.33E-12	7.29	16.0483323	1.02E-01	37948808	37948931	NC_000021.8
cg11979589	1.04E-10	7.33E-12	7.29	16.0480169	2.40E-01	110223967	110224090	NC_000004.11
cg27516404	1.04E-10	7.33E-12	7.29	16.0479909	1.10E-01	155640019	155640142	NC_000007.13
cg11023989	1.04E-10	7.33E-12	7.29	16.0476953	6.46E-02	168758239	168758362	NC_000006.11
cg25552435	1.04E-10	7.33E-12	7.29	16.0473674	2.33E-01	178017300	178017423	NC_000005.9
cg15805568	1.04E-10	7.34E-12	7.29	16.0460123	1.36E-01	51199000	51199123	NC_000019.9
cg16834823	1.04E-10	7.34E-12	7.29	16.045974	1.79E-01	32064218	32064341	NC_000006.11
cg05797097	1.04E-10	7.35E-12	7.29	16.0457372	1.14E-01	14720183	14720306	NC_000006.11
cg12035092	1.04E-10	7.35E-12	7.29	16.0455475	2.43E-01	149633226	149633349	NC_000002.11
cg01386831	1.04E-10	7.35E-12	7.29	16.0453372	4.83E-02	79906364	79906487	NC_000017.10
cg16055052	1.04E-10	7.36E-12	7.29	16.0444171	7.02E-02	30657275	30657398	NC_000006.11
cg24361162	1.04E-10	7.36E-12	7.29	16.0432735	1.63E-01	156358116	156358239	NC_000001.10
cg13955436	1.04E-10	7.37E-12	7.29	16.0430297	1.98E-01	6449153	6449276	NC_000005.9
cg05998109	1.04E-10	7.37E-12	7.29	16.0428421	7.28E-02	5644940	5645063	NC_000007.13
cg22827250	1.05E-10	7.38E-12	7.29	16.0416092	1.06E-01	134363823	134363946	NC_000005.9

cg03310503	1.05E-10	7.39E-12	7.29	16.0396201	6.46E-02	45609836	45609959	NC_000006.11
cg05663341	1.05E-10	7.40E-12	7.29	16.0392503	2.60E-01	96634660	96634783	NC_000007.13
cg04553838	1.05E-10	7.40E-12	7.29	16.0388477	1.59E-01	101454733	101454856	NC_000011.9
cg01477985	1.05E-10	7.40E-12	7.29	16.0387292	2.02E-01	112727160	112727283	NC_000013.10
cg06805348	1.05E-10	7.40E-12	7.29	16.0384261	1.18E-01	37245195	37245318	NC_000004.11
cg14752361	1.05E-10	7.40E-12	7.29	16.0379464	9.33E-02	20205176	20205299	NC_000007.13
cg14991764	1.05E-10	7.41E-12	7.29	16.0372035	1.03E-01	133486947	133487070	NC_000006.11
cg07124117	1.05E-10	7.41E-12	7.29	16.0371894	1.92E-01	31827775	31827898	NC_000011.9
cg26654798	1.05E-10	7.41E-12	7.29	16.0371633	1.27E-01	83953864	83953987	NC_000015.9
cg27634876	1.05E-10	7.42E-12	7.29	16.036532	1.83E-01	52735485	52735608	NC_000014.8
cg21279601	1.05E-10	7.42E-12	7.29	16.0365085	1.27E-01	9782931	9783054	NC_000004.11
cg16023545	1.05E-10	7.42E-12	7.29	16.0360502	1.74E-01	237076726	237076849	NC_000002.11
cg06419761	1.05E-10	7.42E-12	7.29	16.0359147	2.11E-01	72043661	72043784	NC_000010.10
cg02501779	1.05E-10	7.43E-12	7.29	16.0351693	1.46E-01	54579355	54579478	NC_000020.10
cg27205687	1.05E-10	7.43E-12	7.29	16.0342024	2.38E-01	106888787	106888910	NC_000011.9
cg02765859	1.05E-10	7.44E-12	7.29	16.0339315	1.90E-01	58152311	58152434	NC_000020.10
cg07586272	1.05E-10	7.44E-12	7.29	16.0333201	1.98E-01	94134580	94134703	NC_000011.9
cg05943996	1.05E-10	7.45E-12	7.29	16.0323523	1.73E-01	42075975	42076098	NC_000014.8
cg23994112	1.05E-10	7.45E-12	7.29	16.0319951	1.90E-01	75373457	75373580	NC_000017.10
cg26465405	1.05E-10	7.45E-12	7.29	16.0314381	1.44E-01	3039745	3039868	NC_000019.9
cg22948791	1.06E-10	7.46E-12	7.29	16.0302157	7.26E-02	71404101	71404224	NC_000015.9
cg08002883	1.06E-10	7.47E-12	7.29	16.029237	2.85E-01	192127457	192127580	NC_000003.11
cg15947096	1.06E-10	7.48E-12	7.29	16.0280109	2.70E-01	37488835	37488958	NC_000007.13
cg26337020	1.06E-10	7.48E-12	7.29	16.0277331	1.84E-01	100239022	100239145	NC_000005.9
cg01417432	1.06E-10	7.49E-12	7.29	16.0261017	6.57E-02	63913731	63913854	NC_000010.10



cg15787744	1.06E-10	7.50E-12	7.29	16.02519	1.08E-01	44234175	44234298	NC_000006.11
cg04509682	1.06E-10	7.50E-12	7.29	16.0250894	1.33E-01	41056288	41056411	NC_000013.10
cg13420320	1.06E-10	7.51E-12	7.29	16.0236689	1.18E-01	131193104	131193227	NC_000010.10
cg21150026	1.06E-10	7.53E-12	7.29	16.021798	1.36E-01	207904284	207904407	NC_000002.11
cg05489292	1.07E-10	7.56E-12	7.29	16.0170394	1.62E-01	112331187	112331310	NC_000012.11
cg01265068	1.07E-10	7.58E-12	7.29	16.014983	1.84E-01	52052945	52053068	NC_000013.10
cg04666975	1.07E-10	7.59E-12	7.29	16.0134143	1.58E-01	60977353	60977476	NC_000014.8
cg00129651	1.07E-10	7.60E-12	7.29	16.0123677	2.58E-01	38347710	38347833	NC_000017.10
cg10716862	1.08E-10	7.61E-12	7.29	16.0108699	1.07E-01	65674876	65674999	NC_000001.10
cg27213024	1.08E-10	7.62E-12	7.29	16.0102644	6.92E-02	143913327	143913450	NC_000006.11
cg05967403	1.08E-10	7.62E-12	7.29	16.0097385	1.39E-01	28367245	28367368	NC_000013.10
cg26135388	1.08E-10	7.64E-12	7.29	16.0066589	1.55E-01	130831162	130831285	NC_000010.10
cg16582419	1.08E-10	7.66E-12	7.29	16.0046391	1.08E-01	30038998	30039121	NC_000006.11
cg19818271	1.08E-10	7.66E-12	7.29	16.0041932	1.24E-01	77468418	77468541	NC_000007.13
cg01775414	1.09E-10	7.69E-12	7.29	16.001204	2.21E-01	45405404	45405527	NC_000022.10
cg08033114	1.09E-10	7.69E-12	7.29	16.0007353	1.76E-01	32907919	32908042	NC_000017.10
cg10602757	1.09E-10	7.70E-12	7.29	15.998886	1.40E-01	114256781	114256904	NC_000002.11
cg24229589	1.09E-10	7.72E-12	7.29	15.9970547	1.40E-01	19651962	19652085	NC_000019.9
cg00003305	1.09E-10	7.72E-12	7.29	15.9967164	2.06E-01	30715645	30715768	NC_000019.9
cg10982364	1.09E-10	7.72E-12	7.29	15.9963449	1.62E-01	200329670	200329793	NC_000002.11
cg13503268	1.09E-10	7.73E-12	7.29	15.9954435	4.02E-02	74387214	74387337	NC_000009.11
cg05674475	1.09E-10	7.73E-12	7.29	15.9954375	1.72E-01	42154385	42154508	NC_000004.11
cg04760348	1.09E-10	7.73E-12	7.29	15.9950502	1.04E-01	86608910	86609033	NC_000016.9
cg11186405	1.09E-10	7.74E-12	7.29	15.9947912	1.96E-01	112728206	112728329	NC_000013.10
cg16566400	1.09E-10	7.74E-12	7.28	15.9942579	2.42E-01	119293869	119293992	NC_000011.9

cg02078690	1.10E-10	7.76E-12	7.28	15.9915815	1.95E-01	122852454	122852577	NC_000011.9
cg15915658	1.10E-10	7.78E-12	7.28	15.9898011	1.29E-01	65262358	65262481	NC_000011.9
cg26332740	1.10E-10	7.78E-12	7.28	15.9892139	1.72E-01	228196227	228196350	NC_000001.10
cg16830930	1.10E-10	7.78E-12	7.28	15.9889168	1.11E-01	55371392	55371515	NC_000008.10
cg02846316	1.10E-10	7.80E-12	7.28	15.9873255	1.08E-01	31340340	31340463	NC_000016.9
cg17035996	1.10E-10	7.80E-12	7.28	15.9870181	1.02E-01	63985489	63985612	NC_000005.9
cg17432748	1.10E-10	7.80E-12	7.28	15.9863091	1.47E-01	235959556	235959679	NC_000002.11
cg22517020	1.10E-10	7.80E-12	7.28	15.9862818	6.38E-02	193082085	193082208	NC_000001.10
cg17695504	1.10E-10	7.81E-12	7.28	15.9856529	9.85E-02	29923120	29923243	NC_000007.13
cg21517792	1.10E-10	7.81E-12	7.28	15.9852388	1.04E-01	105885531	105885654	NC_000014.8
cg10109500	1.10E-10	7.82E-12	7.28	15.9838656	1.95E-01	172165884	172166007	NC_000003.11
cg19839825	1.10E-10	7.83E-12	7.28	15.9833059	1.50E-01	7616011	7616134	NC_000019.9
cg00507008	1.10E-10	7.83E-12	7.28	15.982756	1.84E-01	115131421	115131544	NC_000012.11
cg10091144	1.10E-10	7.84E-12	7.28	15.9821476	1.00E-01	105966148	105966271	NC_000014.8
cg03923071	1.11E-10	7.84E-12	7.28	15.9815118	1.39E-01	153852929	153853052	NC_000005.9
cg13542368	1.11E-10	7.85E-12	7.28	15.9804575	1.07E-01	95049539	95049662	NC_000010.10
cg07057177	1.11E-10	7.86E-12	7.28	15.9791692	2.17E-01	132261393	132261516	NC_000007.13
cg03839714	1.11E-10	7.86E-12	7.28	15.9791393	1.07E-01	31361534	31361657	NC_000010.10
cg23684973	1.11E-10	7.87E-12	7.28	15.9782963	2.19E-01	1780003	1780126	NC_000010.10
cg09807215	1.11E-10	7.87E-12	7.28	15.9782318	1.70E-01	144510884	144511007	NC_000008.10
cg06654537	1.11E-10	7.87E-12	7.28	15.9780711	1.42E-01	100641317	100641440	NC_000013.10
cg06730678	1.11E-10	7.87E-12	7.28	15.9779171	1.34E-01	6166943	6167066	NC_000012.11
cg26934034	1.11E-10	7.88E-12	7.28	15.976572	8.07E-02	113861110	113861233	NC_000012.11
cg01073765	1.11E-10	7.90E-12	7.28	15.974011	8.67E-02	20568217	20568340	NC_000001.10
cg00814733	1.11E-10	7.90E-12	7.28	15.9737631	1.79E-01	4382051	4382174	NC_000012.11

cg13677415	1.11E-10	7.90E-12	7.28	15.9737205	1.96E-01	35291900	35292023	NC_000017.10
cg04531425	1.11E-10	7.91E-12	7.28	15.9725181	1.59E-01	182322841	182322964	NC_000002.11
cg03075050	1.12E-10	7.92E-12	7.28	15.9720986	8.58E-02	46462790	46462913	NC_000016.9
cg24772753	1.12E-10	7.92E-12	7.28	15.9715403	1.43E-01	171573419	171573542	NC_000002.11
cg11368281	1.12E-10	7.94E-12	7.28	15.969098	5.91E-02	35170588	35170711	NC_000019.9
cg02319149	1.12E-10	7.96E-12	7.28	15.9668609	1.47E-01	99336246	99336369	NC_000013.10
cg08711858	1.12E-10	7.97E-12	7.28	15.9661883	2.58E-01	172756550	172756673	NC_000005.9
cg07442409	1.12E-10	7.98E-12	7.28	15.9641192	1.41E-01	60973773	60973896	NC_000014.8
cg10724965	1.13E-10	8.00E-12	7.28	15.962075	9.42E-02	25543202	25543325	NC_000008.10
cg23434461	1.13E-10	8.00E-12	7.28	15.9620546	9.14E-02	119803683	119803806	NC_000008.10
cg13526221	1.13E-10	8.00E-12	7.28	15.9614278	1.27E-01	987389	987512	NC_000008.10
cg24092282	1.13E-10	8.00E-12	7.28	15.9614005	1.57E-01	54413371	54413494	NC_000014.8
cg20386316	1.13E-10	8.01E-12	7.28	15.9612205	1.93E-01	72470982	72471105	NC_000008.10
cg20748533	1.13E-10	8.01E-12	7.28	15.9603077	1.41E-01	51189975	51190098	NC_000019.9
cg19594840	1.13E-10	8.02E-12	7.28	15.9600198	1.21E-01	157934391	157934514	NC_000006.11
cg11439390	1.13E-10	8.04E-12	7.28	15.9566789	7.99E-02	7506552	7506675	NC_000006.11
cg19870698	1.13E-10	8.06E-12	7.28	15.9549782	1.87E-01	95239570	95239693	NC_000014.8
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cg11959316	1.14E-10	8.10E-12	7.28	15.9496998	1.74E-01	57001742	57001865	NC_000001.10
cg04578774	1.14E-10	8.12E-12	7.28	15.9471895	2.31E-01	44332664	44332787	NC_000011.9
cg17381030	1.14E-10	8.12E-12	7.28	15.9470428	1.10E-01	118369843	118369966	NC_000010.10

cg19631064	1.14E-10	8.14E-12	7.28	15.9448799	1.13E-01	197807355	197807478	NC_000003.11
cg25728362	1.15E-10	8.16E-12	7.28	15.9428145	4.75E-02	105222945	105223068	NC_000007.13
cg06868481	1.15E-10	8.17E-12	7.28	15.9408938	9.72E-02	29192086	29192209	NC_000001.10
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cg25886284	1.15E-10	8.18E-12	7.28	15.9400331	2.36E-01	36909418	36909541	NC_000019.9
cg23665824	1.15E-10	8.19E-12	7.28	15.9390132	1.72E-01	80530701	80530824	NC_000002.11
cg11076668	1.15E-10	8.19E-12	7.28	15.9389106	3.29E-02	82336109	82336232	NC_000015.9
cg26739849	1.15E-10	8.19E-12	7.28	15.9388479	5.94E-02	111165419	111165542	NC_000013.10
cg05358729	1.16E-10	8.24E-12	7.27	15.9322305	1.79E-01	29719159	29719282	NC_000017.10
cg17912835	1.16E-10	8.25E-12	7.27	15.9311654	1.53E-01	105478804	105478927	NC_000002.11
cg07381141	1.16E-10	8.26E-12	7.27	15.9301549	1.20E-01	15783239	15783362	NC_000001.10
cg00916536	1.16E-10	8.26E-12	7.27	15.9298827	2.05E-01	87017419	87017542	NC_000002.11
cg23335916	1.16E-10	8.27E-12	7.27	15.929216	1.03E-01	42578842	42578965	NC_000008.10
cg12211161	1.16E-10	8.27E-12	7.27	15.9288183	1.24E-01	157448659	157448782	NC_000007.13
cg00287096	1.16E-10	8.28E-12	7.27	15.9283277	1.15E-01	63642709	63642832	NC_000007.13
cg06793562	1.16E-10	8.29E-12	7.27	15.9271953	1.96E-01	85482570	85482693	NC_000006.11
cg22927788	1.17E-10	8.31E-12	7.27	15.9239734	1.60E-01	20521984	20522107	NC_000012.11
cg13818075	1.17E-10	8.32E-12	7.27	15.9236628	1.16E-01	48391043	48391166	NC_000013.10
cg08008088	1.17E-10	8.32E-12	7.27	15.9235538	1.25E-01	143609509	143609632	NC_000008.10
cg14460403	1.17E-10	8.32E-12	7.27	15.9235491	1.42E-01	119301766	119301889	NC_000010.10
cg08750534	1.17E-10	8.32E-12	7.27	15.9233253	1.32E-01	65630259	65630382	NC_000002.11
cg01210554	1.17E-10	8.34E-12	7.27	15.921372	1.78E-01	27191564	27191687	NC_000007.13
cg03322752	1.17E-10	8.34E-12	7.27	15.9204491	8.67E-02	54824520	54824643	NC_000007.13
cg15448736	1.17E-10	8.36E-12	7.27	15.9188715	8.17E-02	132852389	132852512	NC_000012.11
cg12921750	1.17E-10	8.36E-12	7.27	15.918633	1.60E-01	70535336	70535459	NC_000018.9

cg01156374	1.17E-10	8.37E-12	7.27	15.9179919	1.36E-01	4130800	4130923	NC_000006.11
cg12320750	1.17E-10	8.37E-12	7.27	15.9176908	7.22E-02	17944975	17945098	NC_000017.10
cg06262098	1.17E-10	8.37E-12	7.27	15.9176585	7.57E-02	5413872	5413995	NC_000007.13
cg19333100	1.17E-10	8.37E-12	7.27	15.9176374	1.69E-01	123229032	123229155	NC_000011.9
cg15697019	1.18E-10	8.37E-12	7.27	15.9169444	1.03E-01	77357984	77358107	NC_000007.13
cg04822518	1.18E-10	8.38E-12	7.27	15.9157398	1.44E-01	29936075	29936198	NC_000012.11
cg11319389	1.18E-10	8.41E-12	7.27	15.9124212	1.82E-01	42544648	42544771	NC_000020.10
cg19924619	1.18E-10	8.42E-12	7.27	15.9112924	1.63E-01	165323692	165323815	NC_000001.10
cg20717123	1.18E-10	8.43E-12	7.27	15.910906	1.99E-01	133195520	133195643	NC_000012.11
cg03290827	1.18E-10	8.44E-12	7.27	15.9089746	1.08E-01	75180760	75180883	NC_000017.10
cg18392016	1.19E-10	8.45E-12	7.27	15.9077009	2.19E-01	117591684	117591807	NC_000006.11
cg13946520	1.19E-10	8.45E-12	7.27	15.9074986	2.03E-01	87017689	87017812	NC_000002.11
cg25228422	1.19E-10	8.48E-12	7.27	15.9051133	1.90E-01	19152335	19152458	NC_000007.13
cg07704934	1.19E-10	8.48E-12	7.27	15.9042572	1.63E-01	44332940	44333063	NC_000011.9
cg11805552	1.19E-10	8.49E-12	7.27	15.903876	1.08E-01	16175128	16175251	NC_000006.11
cg05093169	1.19E-10	8.49E-12	7.27	15.9036764	1.76E-01	71955401	71955524	NC_000011.9
cg13425135	1.19E-10	8.49E-12	7.27	15.9036117	7.00E-02	137330570	137330693	NC_000009.11
cg16325502	1.19E-10	8.49E-12	7.27	15.903432	1.45E-01	223166435	223166558	NC_000002.11
cg22095128	1.19E-10	8.50E-12	7.27	15.9022713	1.44E-01	33754450	33754573	NC_000013.10
cg10237419	1.19E-10	8.50E-12	7.27	15.9020234	1.66E-01	110224235	110224358	NC_000004.11
cg04079301	1.19E-10	8.51E-12	7.27	15.9006437	1.59E-01	147106635	147106758	NC_000003.11
cg09914029	1.20E-10	8.53E-12	7.27	15.8991225	1.02E-01	117859175	117859298	NC_000008.10
cg24725933	1.20E-10	8.54E-12	7.27	15.8979653	5.41E-02	98999128	98999251	NC_000002.11
cg26396815	1.20E-10	8.55E-12	7.27	15.896891	4.11E-02	102878132	102878255	NC_000004.11
cg18448695	1.20E-10	8.55E-12	7.27	15.8960988	7.90E-02	56781117	56781240	NC_000020.10

cg25580634	1.20E-10	8.56E-12	7.27	15.8956443	3.71E-02	205947	206070	NC_000005.9
cg17960934	1.20E-10	8.56E-12	7.27	15.89553	1.16E-01	70096791	70096914	NC_000007.13
cg19433697	1.20E-10	8.58E-12	7.27	15.8930631	2.16E-01	60294787	60294910	NC_000015.9
cg00563824	1.20E-10	8.58E-12	7.27	15.8925201	1.74E-01	209405064	209405187	NC_000001.10
cg19635505	1.20E-10	8.59E-12	7.27	15.8914129	1.22E-01	20903555	20903678	NC_000014.8
cg21016855	1.21E-10	8.62E-12	7.27	15.8881605	1.64E-01	31819444	31819567	NC_000011.9
cg01658421	1.21E-10	8.63E-12	7.27	15.8877605	1.58E-01	176945899	176946022	NC_000002.11
cg13486820	1.21E-10	8.63E-12	7.27	15.8876289	1.40E-01	91182288	91182411	NC_000001.10
cg08765199	1.21E-10	8.68E-12	7.27	15.8821953	1.52E-01	130021519	130021642	NC_000007.13
cg12653796	1.22E-10	8.70E-12	7.26	15.8791085	1.54E-01	87016720	87016843	NC_000002.11
cg26616526	1.22E-10	8.71E-12	7.26	15.8779586	9.79E-02	3165100	3165223	NC_000010.10
cg09681167	1.22E-10	8.72E-12	7.26	15.8775945	2.22E-01	237078026	237078149	NC_000002.11
cg12064276	1.22E-10	8.73E-12	7.26	15.8763216	1.38E-01	79182205	79182328	NC_000013.10
cg15562022	1.22E-10	8.74E-12	7.26	15.8754027	8.15E-02	31167427	31167550	NC_000006.11
cg14004602	1.22E-10	8.74E-12	7.26	15.874731	9.67E-02	34330410	34330533	NC_000017.10
cg07241917	1.22E-10	8.74E-12	7.26	15.8747087	1.16E-01	221069699	221069822	NC_000001.10
cg21336288	1.22E-10	8.74E-12	7.26	15.8745332	1.43E-01	117742444	117742567	NC_000008.10
cg11367354	1.23E-10	8.76E-12	7.26	15.8721119	1.35E-01	96651983	96652106	NC_000007.13
cg03445310	1.23E-10	8.78E-12	7.26	15.8698984	8.21E-02	39728478	39728601	NC_000017.10
cg04855961	1.23E-10	8.79E-12	7.26	15.869633	1.03E-01	159719849	159719972	NC_000003.11
cg25122369	1.23E-10	8.79E-12	7.26	15.869447	1.01E-01	168801790	168801913	NC_000003.11
cg20192747	1.23E-10	8.80E-12	7.26	15.8679449	1.15E-01	44774846	44774969	NC_000018.9
cg22682811	1.24E-10	8.83E-12	7.26	15.864404	1.53E-01	21372462	21372585	NC_000020.10
cg07589393	1.24E-10	8.84E-12	7.26	15.8640374	1.40E-01	26984305	26984428	NC_000007.13
cg10039163	1.24E-10	8.85E-12	7.26	15.8628751	5.31E-02	144593087	144593210	NC_000008.10

cg22753340	1.24E-10	8.86E-12	7.26	15.8615433	2.37E-01	31831489	31831612	NC_000006.11
cg22392666	1.24E-10	8.87E-12	7.26	15.8607786	1.59E-01	35634167	35634290	NC_000019.9
cg03826688	1.24E-10	8.87E-12	7.26	15.8606215	6.68E-02	16756662	16756785	NC_000012.11
cg00852921	1.24E-10	8.88E-12	7.26	15.8591506	1.17E-01	62120544	62120667	NC_000020.10
cg13928709	1.24E-10	8.88E-12	7.26	15.8590889	2.89E-01	176237221	176237344	NC_000005.9
cg08271804	1.24E-10	8.89E-12	7.26	15.8579896	2.00E-01	22816896	22817019	NC_000019.9
cg04988216	1.24E-10	8.90E-12	7.26	15.8573977	1.07E-01	64471626	64471749	NC_000001.10
cg25026755	1.24E-10	8.91E-12	7.26	15.8563509	1.08E-01	57702195	57702318	NC_000005.9
cg05229355	1.25E-10	8.93E-12	7.26	15.8542206	1.61E-01	132052702	132052825	NC_000008.10
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cg16961816	1.25E-10	8.95E-12	7.26	15.8512251	1.29E-01	96633530	96633653	NC_000007.13
cg27040709	1.25E-10	8.96E-12	7.26	15.8508428	1.23E-01	19191723	19191846	NC_000016.9
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cg16812621	1.26E-10	9.04E-12	7.26	15.8414784	5.43E-02	19888434	19888557	NC_000014.8
cg05525305	1.26E-10	9.05E-12	7.26	15.8400575	5.11E-02	14459174	14459297	NC_000018.9
cg05034973	1.26E-10	9.06E-12	7.26	15.8399816	1.79E-01	119294332	119294455	NC_000010.10
cg03480337	1.26E-10	9.06E-12	7.26	15.8392307	1.93E-01	65284519	65284642	NC_000008.10

cg05952786	1.26E-10	9.07E-12	7.26	15.8387703	3.70E-02	48559485	48559608	NC_000017.10
cg07220032	1.27E-10	9.07E-12	7.26	15.8386338	1.30E-01	24742701	24742824	NC_000013.10
cg26885858	1.27E-10	9.08E-12	7.26	15.8377211	9.95E-02	21766368	21766491	NC_000001.10
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cg14306734	1.27E-10	9.11E-12	7.26	15.8338377	2.50E-01	34833938	34834061	NC_000018.9
cg03978514	1.27E-10	9.13E-12	7.26	15.8314176	6.62E-02	241494647	241494770	NC_000002.11
cg18880500	1.27E-10	9.14E-12	7.26	15.8311699	1.21E-01	53392492	53392615	NC_000001.10
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cg17295053	1.27E-10	9.14E-12	7.26	15.8307093	1.33E-01	101194096	101194219	NC_000010.10
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cg02377941	1.28E-10	9.15E-12	7.26	15.8295761	1.06E-01	54973385	54973508	NC_000016.9
cg04881642	1.28E-10	9.15E-12	7.26	15.8294587	5.15E-02	69048156	69048279	NC_000004.11
cg25479732	1.28E-10	9.16E-12	7.26	15.8292437	1.32E-01	80528698	80528821	NC_000005.9
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cg11530960	1.28E-10	9.19E-12	7.26	15.8254363	1.67E-01	1052239	1052362	NC_000009.11
cg11556846	1.28E-10	9.20E-12	7.26	15.8248191	1.44E-01	200468728	200468851	NC_000002.11
cg08533773	1.28E-10	9.20E-12	7.26	15.8241495	1.57E-01	113392004	113392127	NC_000005.9
cg15895543	1.28E-10	9.21E-12	7.26	15.8231595	2.91E-02	105516255	105516378	NC_000014.8
cg03639897	1.28E-10	9.22E-12	7.25	15.8224878	1.23E-01	897545	897668	NC_000020.10
cg14042851	1.29E-10	9.23E-12	7.25	15.8207568	2.12E-01	57019005	57019128	NC_000019.9
cg09821685	1.29E-10	9.24E-12	7.25	15.8201101	4.81E-02	109034944	109035067	NC_000003.11
cg02331262	1.29E-10	9.26E-12	7.25	15.8184578	1.63E-01	87988631	87988754	NC_000016.9
cg19429599	1.29E-10	9.26E-12	7.25	15.8181588	1.46E-01	50266099	50266222	NC_000005.9



cg02340083	1.29E-10	9.26E-12	7.25	15.8179464	2.04E-01	50882006	50882129	NC_000001.10
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cg16804165	1.29E-10	9.27E-12	7.25	15.8170076	9.91E-02	43989074	43989197	NC_000015.9
cg15347156	1.29E-10	9.28E-12	7.25	15.8159161	7.84E-02	88702795	88702918	NC_000010.10
cg07861790	1.29E-10	9.29E-12	7.25	15.8148973	1.09E-01	112761844	112761967	NC_000013.10
cg00910616	1.30E-10	9.30E-12	7.25	15.8134279	7.41E-02	41245733	41245856	NC_000001.10
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cg20208394	1.30E-10	9.31E-12	7.25	15.8126009	1.25E-01	7052425	7052548	NC_000004.11
cg23984434	1.30E-10	9.32E-12	7.25	15.812162	2.52E-01	106888656	106888779	NC_000011.9
cg26660654	1.30E-10	9.32E-12	7.25	15.8119223	5.05E-02	90580274	90580397	NC_000010.10
cg27579233	1.30E-10	9.34E-12	7.25	15.8097439	1.37E-01	22827348	22827471	NC_000001.10
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cg06852058	1.31E-10	9.43E-12	7.25	15.7998569	1.11E-01	34498249	34498372	NC_000015.9
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cg01410615	1.32E-10	9.46E-12	7.25	15.7970402	1.10E-01	242164067	242164190	NC_000002.11
cg16145209	1.32E-10	9.46E-12	7.25	15.7970074	1.35E-01	2481909	2482032	NC_000011.9
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cg16046833	1.32E-10	9.50E-12	7.25	15.7925169	9.32E-02	99136054	99136177	NC_000001.10

cg17380661	1.32E-10	9.52E-12	7.25	15.7911402	2.39E-01	100912946	100913069	NC_000006.11
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cg25950325	1.33E-10	9.53E-12	7.25	15.789279	1.90E-01	41753712	41753835	NC_000004.11
cg27553162	1.33E-10	9.54E-12	7.25	15.7886553	1.58E-01	30582980	30583103	NC_000020.10
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cg24845595	1.33E-10	9.54E-12	7.25	15.7884614	1.16E-01	156814488	156814611	NC_000001.10
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cg03442378	1.33E-10	9.56E-12	7.25	15.7871185	1.64E-01	44332385	44332508	NC_000011.9
cg02381539	1.33E-10	9.56E-12	7.25	15.7865689	2.00E-01	65290109	65290232	NC_000008.10
cg17696160	1.33E-10	9.58E-12	7.25	15.7842295	1.56E-01	37136192	37136315	NC_000014.8
cg10050816	1.33E-10	9.59E-12	7.25	15.7839571	1.39E-01	86549237	86549360	NC_000016.9
cg18560204	1.33E-10	9.60E-12	7.25	15.7827633	1.30E-01	83953709	83953832	NC_000015.9
cg03540912	1.33E-10	9.60E-12	7.25	15.7826187	1.65E-01	71792711	71792834	NC_000016.9
cg01420765	1.33E-10	9.60E-12	7.25	15.7825213	5.46E-02	54971610	54971733	NC_000001.10
cg16558432	1.34E-10	9.64E-12	7.25	15.7789363	2.09E-01	5403805	5403928	NC_000017.10
cg10119075	1.34E-10	9.65E-12	7.25	15.7777187	1.97E-01	7709738	7709861	NC_000010.10
cg05001145	1.34E-10	9.66E-12	7.25	15.7769428	5.02E-02	95297731	95297854	NC_000005.9
cg08642771	1.34E-10	9.67E-12	7.25	15.775872	1.15E-01	198392758	198392881	NC_000001.10
cg07463541	1.35E-10	9.69E-12	7.25	15.773	1.30E-01	140181074	140181197	NC_000005.9
cg00073244	1.35E-10	9.70E-12	7.25	15.7719804	8.96E-02	3529108	3529231	NC_000001.10
cg22957360	1.35E-10	9.71E-12	7.25	15.7715521	1.37E-01	101282572	101282695	NC_000010.10
cg09803262	1.35E-10	9.71E-12	7.25	15.7714227	1.72E-01	96622608	96622731	NC_000007.13
cg12186618	1.36E-10	9.77E-12	7.24	15.7648934	1.32E-01	54515274	54515397	NC_000019.9
cg18197392	1.36E-10	9.78E-12	7.24	15.7645053	2.30E-01	23015908	23016031	NC_000020.10
cg05325182	1.36E-10	9.78E-12	7.24	15.764353	1.22E-01	13915751	13915874	NC_000019.9

cg03134573	1.36E-10	9.79E-12	7.24	15.7632253	6.54E-02	144457905	144458028	NC_000008.10
cg19554461	1.36E-10	9.80E-12	7.24	15.7626094	2.15E-01	4998470	4998593	NC_000007.13
cg07032488	1.36E-10	9.80E-12	7.24	15.7618786	7.88E-02	48201121	48201244	NC_000016.9
cg13011388	1.36E-10	9.80E-12	7.24	15.7617831	1.56E-01	23834909	23835032	NC_000014.8
cg02552945	1.36E-10	9.82E-12	7.24	15.7604357	1.35E-01	123811614	123811737	NC_000009.11
cg08120263	1.37E-10	9.85E-12	7.24	15.7574366	1.65E-01	29236013	29236136	NC_000014.8
cg00705613	1.37E-10	9.85E-12	7.24	15.757331	8.01E-02	132661528	132661651	NC_000012.11
cg01720455	1.37E-10	9.85E-12	7.24	15.7572187	1.61E-01	176948343	176948466	NC_000002.11
cg12647497	1.37E-10	9.86E-12	7.24	15.7558331	1.28E-01	110210265	110210388	NC_000001.10
cg27389185	1.37E-10	9.89E-12	7.24	15.7537119	1.27E-01	38042123	38042246	NC_000019.9
cg16918905	1.38E-10	9.95E-12	7.24	15.7476571	1.48E-01	220361609	220361732	NC_000002.11
cg00548268	1.38E-10	9.97E-12	7.24	15.745418	1.14E-01	98245830	98245953	NC_000007.13
cg15082983	1.38E-10	9.99E-12	7.24	15.7438107	1.25E-01	39894780	39894903	NC_000017.10
cg22366088	1.39E-10	9.99E-12	7.24	15.7430789	2.18E-01	154713789	154713912	NC_000004.11
cg01880541	1.39E-10	1.00E-11	7.24	15.7424282	1.32E-01	2146870	2146993	NC_000008.10
cg18313661	1.39E-10	1.00E-11	7.24	15.7413013	1.16E-01	63560590	63560713	NC_000007.13
cg04324666	1.39E-10	1.00E-11	7.24	15.7410374	1.26E-01	23386784	23386907	NC_000019.9
cg20525183	1.39E-10	1.00E-11	7.24	15.7410272	2.38E-01	45405768	45405891	NC_000022.10
cg16799926	1.39E-10	1.00E-11	7.24	15.7394559	1.55E-01	70546695	70546818	NC_000014.8
cg21634100	1.39E-10	1.00E-11	7.24	15.7378512	9.99E-02	55254527	55254650	NC_000018.9
cg05865769	1.39E-10	1.01E-11	7.24	15.7372165	9.66E-02	11943841	11943964	NC_000017.10
cg16122796	1.39E-10	1.01E-11	7.24	15.7370638	6.68E-02	32145414	32145537	NC_000001.10
cg16540704	1.39E-10	1.01E-11	7.24	15.7365422	6.86E-02	117067416	117067539	NC_000007.13
cg05679108	1.39E-10	1.01E-11	7.24	15.7357404	1.60E-01	1395061	1395184	NC_000006.11
cg26823535	1.39E-10	1.01E-11	7.24	15.7355333	4.61E-02	11881420	11881543	NC_000002.11

cg12444450	1.40E-10	1.01E-11	7.24	15.7330746	1.03E-01	45763846	45763969	NC_000001.10
cg26199241	1.40E-10	1.01E-11	7.24	15.7306035	2.08E-01	59529486	59529609	NC_000017.10
cg16444701	1.40E-10	1.01E-11	7.24	15.7303404	7.69E-02	134790855	134790978	NC_000010.10
cg10756127	1.40E-10	1.01E-11	7.24	15.7288973	2.53E-01	166795524	166795647	NC_000004.11
cg15408073	1.40E-10	1.01E-11	7.24	15.7288751	1.87E-01	33936322	33936445	NC_000005.9
cg08244181	1.40E-10	1.01E-11	7.24	15.7281667	1.52E-01	130021807	130021930	NC_000007.13
cg13168877	1.41E-10	1.02E-11	7.24	15.7254113	8.29E-02	1896470	1896593	NC_000001.10
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cg03556497	1.41E-10	1.02E-11	7.24	15.7239346	1.69E-01	37352792	37352915	NC_000020.10
cg02697402	1.41E-10	1.02E-11	7.24	15.7218231	1.09E-01	87616984	87617107	NC_000016.9
cg27206367	1.41E-10	1.02E-11	7.24	15.7216314	1.08E-01	76398311	76398434	NC_000018.9
cg08095770	1.41E-10	1.02E-11	7.24	15.7214693	3.22E-02	7619558	7619681	NC_000019.9
cg09562322	1.41E-10	1.02E-11	7.24	15.7211833	1.70E-01	119419143	119419266	NC_000012.11
cg09815769	1.41E-10	1.02E-11	7.24	15.7209157	1.20E-01	119539738	119539861	NC_000001.10
cg01345315	1.42E-10	1.02E-11	7.24	15.7202433	1.49E-01	43945998	43946121	NC_000012.11
cg04916485	1.42E-10	1.02E-11	7.24	15.7193564	4.46E-02	126128143	126128266	NC_000009.11
cg26654934	1.42E-10	1.03E-11	7.24	15.7167785	2.49E-01	28603230	28603353	NC_000006.11
cg19909239	1.42E-10	1.03E-11	7.24	15.7152358	1.40E-01	111555503	111555626	NC_000004.11
cg18848917	1.42E-10	1.03E-11	7.24	15.7141547	3.17E-02	110359164	110359287	NC_000004.11
cg14200170	1.42E-10	1.03E-11	7.24	15.7139112	2.01E-01	905252	905375	NC_000018.9
cg08270023	1.42E-10	1.03E-11	7.24	15.7136546	1.53E-01	132619174	132619297	NC_000012.11
cg03234186	1.43E-10	1.03E-11	7.24	15.7128489	2.12E-01	58220657	58220780	NC_000019.9
cg08697503	1.43E-10	1.03E-11	7.24	15.7111398	1.43E-01	223166946	223167069	NC_000002.11
cg24285903	1.43E-10	1.04E-11	7.23	15.7083698	1.25E-01	25187166	25187289	NC_000006.11
cg22633280	1.43E-10	1.04E-11	7.23	15.7081444	1.68E-01	110671907	110672030	NC_000010.10

cg17448336	1.43E-10	1.04E-11	7.23	15.7080501	1.34E-01	147141588	147141711	NC_000003.11
cg23557788	1.43E-10	1.04E-11	7.23	15.7074633	7.07E-02	74119120	74119243	NC_000002.11
cg21852117	1.43E-10	1.04E-11	7.23	15.7069953	1.29E-01	25898296	25898419	NC_000007.13
cg22586996	1.44E-10	1.04E-11	7.23	15.7054717	1.39E-01	158523907	158524030	NC_000005.9
cg04312119	1.44E-10	1.04E-11	7.23	15.7045886	1.17E-01	116839146	116839269	NC_000006.11
cg09778596	1.44E-10	1.04E-11	7.23	15.7038656	1.15E-01	162282922	162283045	NC_000002.11
cg10877183	1.44E-10	1.04E-11	7.23	15.7018997	7.14E-02	133528844	133528967	NC_000010.10
cg21751085	1.44E-10	1.04E-11	7.23	15.7011786	6.32E-02	43935439	43935562	NC_000002.11
cg08644365	1.44E-10	1.04E-11	7.23	15.6997895	8.99E-02	203120194	203120317	NC_000001.10
cg20084577	1.44E-10	1.04E-11	7.23	15.6997598	1.71E-01	33780913	33781036	NC_000013.10
cg24245418	1.44E-10	1.04E-11	7.23	15.6995526	2.33E-01	24324976	24325099	NC_000007.13
cg13696436	1.44E-10	1.04E-11	7.23	15.6995268	5.01E-02	131695094	131695217	NC_000010.10
cg03899315	1.45E-10	1.05E-11	7.23	15.6966569	7.75E-02	117149598	117149721	NC_000001.10
cg06206902	1.45E-10	1.05E-11	7.23	15.6963457	1.75E-01	27191226	27191349	NC_000007.13
cg23319012	1.45E-10	1.05E-11	7.23	15.6948128	5.45E-02	134007935	134008058	NC_000011.9
cg00919016	1.45E-10	1.05E-11	7.23	15.6944664	2.02E-01	139168487	139168610	NC_000007.13
cg11475550	1.45E-10	1.05E-11	7.23	15.6939232	1.94E-01	24324570	24324693	NC_000007.13
cg12562479	1.45E-10	1.05E-11	7.23	15.6937884	6.22E-02	63479057	63479180	NC_000015.9
cg17458693	1.45E-10	1.05E-11	7.23	15.6937645	9.40E-02	6543527	6543650	NC_000012.11
cg24844423	1.45E-10	1.05E-11	7.23	15.691107	1.09E-01	57352465	57352588	NC_000019.9
cg12128839	1.46E-10	1.06E-11	7.23	15.6895892	1.84E-01	27183436	27183559	NC_000007.13
cg02675083	1.46E-10	1.06E-11	7.23	15.689531	5.75E-02	16972917	16973040	NC_000001.10
cg19598567	1.46E-10	1.06E-11	7.23	15.6893025	1.77E-01	141931207	141931330	NC_000005.9
cg25485734	1.46E-10	1.06E-11	7.23	15.6874284	9.09E-02	30981289	30981412	NC_000010.10
cg07910986	1.46E-10	1.06E-11	7.23	15.6873904	1.56E-01	45961311	45961434	NC_000007.13

cg19008693	1.46E-10	1.06E-11	7.23	15.6849244	2.02E-02	48270864	48270987	NC_000012.11
cg11876022	1.46E-10	1.06E-11	7.23	15.6842645	2.08E-01	19812479	19812602	NC_000007.13
cg08613597	1.46E-10	1.06E-11	7.23	15.6841619	2.21E-01	56224627	56224750	NC_000016.9
cg21202529	1.46E-10	1.06E-11	7.23	15.6837895	1.15E-01	20656503	20656626	NC_000007.13
cg16154416	1.47E-10	1.06E-11	7.23	15.6820414	1.14E-01	79382767	79382890	NC_000015.9
cg01941585	1.47E-10	1.06E-11	7.23	15.6815428	3.94E-02	66240388	66240511	NC_000012.11
cg03234732	1.47E-10	1.07E-11	7.23	15.6794269	2.02E-01	178368123	178368246	NC_000005.9
cg01024168	1.47E-10	1.07E-11	7.23	15.6789607	2.07E-01	27209281	27209404	NC_000007.13
cg26032198	1.47E-10	1.07E-11	7.23	15.6780486	2.01E-01	27192339	27192462	NC_000007.13
cg02952809	1.48E-10	1.07E-11	7.23	15.6739146	1.12E-01	128094710	128094833	NC_000007.13
cg23833461	1.48E-10	1.07E-11	7.23	15.6728775	1.43E-01	9929528	9929651	NC_000017.10
cg19122901	1.49E-10	1.08E-11	7.23	15.6688495	1.57E-01	101293790	101293913	NC_000010.10
cg17832029	1.49E-10	1.08E-11	7.23	15.6671432	2.06E-02	98574111	98574234	NC_000007.13
cg14476745	1.49E-10	1.08E-11	7.23	15.666497	1.35E-01	124979356	124979479	NC_000009.11
cg23045602	1.49E-10	1.08E-11	7.23	15.6652762	1.85E-01	140770213	140770336	NC_000003.11
cg22846067	1.49E-10	1.08E-11	7.23	15.6651772	1.19E-01	75252565	75252688	NC_000015.9
cg27540038	1.49E-10	1.08E-11	7.23	15.6630906	5.42E-02	71385496	71385619	NC_000015.9
cg19925639	1.50E-10	1.09E-11	7.23	15.6616822	7.74E-02	75470039	75470162	NC_000005.9
cg21928701	1.50E-10	1.09E-11	7.23	15.6597273	2.41E-01	822086	822209	NC_000019.9
cg07664027	1.50E-10	1.09E-11	7.23	15.6591257	7.17E-02	49990137	49990260	NC_000019.9
cg21608519	1.50E-10	1.09E-11	7.23	15.6588427	1.67E-01	27199752	27199875	NC_000007.13
cg16618417	1.50E-10	1.09E-11	7.23	15.657245	5.35E-02	7535526	7535649	NC_000019.9
cg08060353	1.50E-10	1.09E-11	7.23	15.6571031	5.73E-02	77889974	77890097	NC_000015.9
cg16385939	1.50E-10	1.09E-11	7.23	15.6562873	9.56E-02	144513999	144514122	NC_000001.10
cg05451094	1.50E-10	1.09E-11	7.23	15.6552468	1.66E-01	26557385	26557508	NC_000017.10

cg00351047	1.51E-10	1.09E-11	7.23	15.6541396	1.22E-01	15234963	15235086	NC_000019.9
cg27480727	1.51E-10	1.09E-11	7.23	15.6541363	1.66E-01	223164831	223164954	NC_000002.11
cg20647690	1.51E-10	1.09E-11	7.23	15.6541053	6.45E-02	107191808	107191931	NC_000013.10
cg00317879	1.51E-10	1.09E-11	7.23	15.653621	1.19E-01	68920611	68920734	NC_000011.9
cg20253172	1.51E-10	1.09E-11	7.23	15.6534806	1.01E-01	3107290	3107413	NC_000001.10
cg20968821	1.51E-10	1.10E-11	7.23	15.6515708	9.03E-02	105522684	105522807	NC_000014.8
cg04510512	1.51E-10	1.10E-11	7.22	15.6511207	2.39E-01	86601520	86601643	NC_000016.9
cg21453840	1.51E-10	1.10E-11	7.22	15.648379	1.63E-01	1101471	1101594	NC_000008.10
cg15988950	1.51E-10	1.10E-11	7.22	15.6479866	6.77E-02	166128633	166128756	NC_000006.11
cg10999780	1.52E-10	1.10E-11	7.22	15.6470088	7.48E-02	18464717	18464840	NC_000022.10
cg02311725	1.52E-10	1.10E-11	7.22	15.6458065	1.18E-01	30639816	30639939	NC_000020.10
cg18397405	1.52E-10	1.10E-11	7.22	15.6452674	9.91E-02	94965245	94965368	NC_000013.10
cg07499259	1.52E-10	1.11E-11	7.22	15.6438842	4.74E-02	12188502	12188625	NC_000001.10
cg12699728	1.52E-10	1.11E-11	7.22	15.6434976	9.82E-02	45461636	45461759	NC_000015.9
cg17869514	1.53E-10	1.11E-11	7.22	15.6396476	1.75E-01	1042770	1042893	NC_000009.11
cg09019936	1.53E-10	1.11E-11	7.22	15.6389748	2.05E-01	162283434	162283557	NC_000002.11
cg25653995	1.53E-10	1.11E-11	7.22	15.6377675	4.72E-02	32015707	32015830	NC_000006.11
cg18175690	1.53E-10	1.11E-11	7.22	15.6373007	1.00E-01	40580770	40580893	NC_000015.9
cg23293999	1.53E-10	1.11E-11	7.22	15.6360699	7.02E-02	106826042	106826165	NC_000007.13
cg06426416	1.53E-10	1.11E-11	7.22	15.6353733	1.71E-01	5710403	5710526	NC_000004.11
cg20148210	1.53E-10	1.12E-11	7.22	15.6348387	1.56E-01	38326358	38326481	NC_000008.10
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cg24463320	1.54E-10	1.12E-11	7.22	15.6335269	6.90E-02	33121236	33121359	NC_000001.10
cg12552771	1.54E-10	1.12E-11	7.22	15.6332678	1.58E-01	29709320	29709443	NC_000022.10
cg16643851	1.54E-10	1.12E-11	7.22	15.6302123	2.10E-01	8542839	8542962	NC_000012.11

cg18105179	1.54E-10	1.12E-11	7.22	15.6280051	6.66E-02	242741407	242741530	NC_000002.11
cg17863312	1.54E-10	1.12E-11	7.22	15.6279052	1.17E-01	14207968	14208091	NC_000017.10
cg03315649	1.55E-10	1.12E-11	7.22	15.6271765	1.10E-01	5093541	5093664	NC_000019.9
cg13032463	1.55E-10	1.13E-11	7.22	15.6262072	2.20E-01	166582585	166582708	NC_000006.11
cg08079580	1.55E-10	1.13E-11	7.22	15.6238597	1.80E-01	133795885	133796008	NC_000010.10
cg12521267	1.55E-10	1.13E-11	7.22	15.6233432	1.29E-01	52412667	52412790	NC_000012.11
cg08203284	1.55E-10	1.13E-11	7.22	15.6229091	1.68E-01	27171528	27171651	NC_000007.13
cg23510026	1.55E-10	1.13E-11	7.22	15.621453	6.89E-02	134915537	134915660	NC_000005.9
cg26207423	1.56E-10	1.13E-11	7.22	15.6191477	1.31E-01	28787952	28788075	NC_000008.10
cg08448589	1.56E-10	1.13E-11	7.22	15.6185234	1.95E-01	69242921	69243044	NC_000008.10
cg21408915	1.56E-10	1.13E-11	7.22	15.6178852	1.18E-01	69286231	69286354	NC_000011.9
cg16626580	1.56E-10	1.14E-11	7.22	15.6173879	7.52E-02	89713163	89713286	NC_000011.9
cg10538797	1.56E-10	1.14E-11	7.22	15.6153144	1.26E-01	105480546	105480669	NC_000002.11
cg07448060	1.56E-10	1.14E-11	7.22	15.6152295	1.53E-01	79083753	79083876	NC_000007.13
cg23275958	1.56E-10	1.14E-11	7.22	15.6150863	1.25E-01	75503249	75503372	NC_000017.10
cg13759674	1.57E-10	1.14E-11	7.22	15.6134006	2.60E-01	140051205	140051328	NC_000009.11
cg14283758	1.57E-10	1.14E-11	7.22	15.6132964	1.87E-01	299370	299493	NC_000004.11
cg17924366	1.57E-10	1.14E-11	7.22	15.6115359	1.23E-01	25042656	25042779	NC_000020.10
cg14306956	1.57E-10	1.15E-11	7.22	15.6090152	2.20E-01	37027384	37027507	NC_000009.11
cg21522988	1.57E-10	1.15E-11	7.22	15.6088817	1.25E-01	29376872	29376995	NC_000012.11
cg26381878	1.57E-10	1.15E-11	7.22	15.6081068	1.07E-01	45071340	45071463	NC_000022.10
cg15910662	1.57E-10	1.15E-11	7.22	15.6080932	1.72E-01	105460108	105460231	NC_000002.11
cg01729717	1.57E-10	1.15E-11	7.22	15.607284	1.84E-01	84456486	84456609	NC_000013.10
cg20008332	1.58E-10	1.15E-11	7.22	15.603749	1.66E-01	5833169	5833292	NC_000002.11
cg19478371	1.58E-10	1.15E-11	7.22	15.6029109	4.56E-02	102310830	102310953	NC_000014.8



cg09552213	1.58E-10	1.15E-11	7.22	15.6015999	1.76E-01	87636782	87636905	NC_000016.9
cg24638819	1.58E-10	1.15E-11	7.22	15.6015503	2.87E-02	33515115	33515238	NC_000010.10
cg11809014	1.58E-10	1.15E-11	7.22	15.6013263	5.12E-02	39067081	39067204	NC_000017.10
cg01892547	1.58E-10	1.15E-11	7.22	15.6012276	8.16E-02	47040292	47040415	NC_000003.11
cg11021744	1.59E-10	1.16E-11	7.22	15.5999938	1.63E-01	11034279	11034402	NC_000003.11
cg27252696	1.59E-10	1.16E-11	7.22	15.5990332	2.56E-01	100912940	100913063	NC_000006.11
cg08589354	1.59E-10	1.16E-11	7.22	15.5960844	1.65E-01	86548895	86549018	NC_000016.9
cg24865270	1.59E-10	1.16E-11	7.22	15.5958141	1.45E-01	10422447	10422570	NC_000006.11
cg05763664	1.59E-10	1.16E-11	7.22	15.5944837	6.25E-02	67816794	67816917	NC_000011.9
cg21902160	1.59E-10	1.16E-11	7.21	15.5941497	8.54E-02	29689075	29689198	NC_000007.13
cg22732749	1.60E-10	1.16E-11	7.21	15.5938142	2.05E-01	140624888	140625011	NC_000005.9
cg05151803	1.60E-10	1.16E-11	7.21	15.5930803	1.81E-01	155167283	155167406	NC_000007.13
cg27529004	1.60E-10	1.16E-11	7.21	15.5927161	1.34E-01	237490808	237490931	NC_000002.11
cg03788227	1.60E-10	1.16E-11	7.21	15.5923133	1.26E-01	88155031	88155154	NC_000016.9
cg20497704	1.60E-10	1.17E-11	7.21	15.5916294	1.47E-01	43913147	43913270	NC_000018.9
cg17279125	1.60E-10	1.17E-11	7.21	15.5886487	1.19E-01	8736209	8736332	NC_000017.10
cg23767994	1.61E-10	1.17E-11	7.21	15.587311	1.50E-01	96621323	96621446	NC_000007.13
cg08787251	1.61E-10	1.17E-11	7.21	15.5845733	1.61E-01	27281964	27282087	NC_000007.13
cg07058694	1.61E-10	1.18E-11	7.21	15.5829221	7.30E-02	111909145	111909268	NC_000012.11
cg26897717	1.61E-10	1.18E-11	7.21	15.582861	1.47E-01	39691363	39691486	NC_000019.9
cg14750066	1.62E-10	1.18E-11	7.21	15.5794799	1.56E-01	41582063	41582186	NC_000012.11
cg03722184	1.62E-10	1.18E-11	7.21	15.5765395	4.50E-02	51353941	51354064	NC_000013.10
cg18505401	1.63E-10	1.19E-11	7.21	15.5742021	2.33E-01	19812570	19812693	NC_000007.13
cg05044185	1.63E-10	1.19E-11	7.21	15.5708059	1.62E-01	27112197	27112320	NC_000015.9
cg10378032	1.63E-10	1.19E-11	7.21	15.570301	1.36E-01	65214497	65214620	NC_000001.10

cg14665523	1.63E-10	1.19E-11	7.21	15.5702474	1.29E-01	89421684	89421807	NC_000010.10
cg08472243	1.63E-10	1.19E-11	7.21	15.570029	4.53E-02	427912	428035	NC_000016.9
cg23498106	1.63E-10	1.19E-11	7.21	15.5694213	1.01E-01	208280643	208280766	NC_000002.11
cg10680235	1.64E-10	1.19E-11	7.21	15.5678871	8.69E-02	85430038	85430161	NC_000015.9
cg27341472	1.64E-10	1.20E-11	7.21	15.5667335	1.93E-01	19812592	19812715	NC_000007.13
cg18252360	1.64E-10	1.20E-11	7.21	15.5665544	1.69E-01	105461192	105461315	NC_000002.11
cg13826890	1.64E-10	1.20E-11	7.21	15.5649884	1.87E-01	57275282	57275405	NC_000014.8
cg25985263	1.64E-10	1.20E-11	7.21	15.5635972	9.87E-02	134996895	134997018	NC_000010.10
cg14790860	1.64E-10	1.20E-11	7.21	15.5624633	2.51E-02	66433618	66433741	NC_000003.11
cg21316236	1.64E-10	1.20E-11	7.21	15.562094	9.18E-02	40125781	40125904	NC_000017.10
cg02582754	1.64E-10	1.20E-11	7.21	15.5617681	8.10E-02	160327345	160327468	NC_000006.11
cg07955752	1.65E-10	1.21E-11	7.21	15.5587171	1.88E-01	30018436	30018559	NC_000019.9
cg12122041	1.65E-10	1.21E-11	7.21	15.5563691	5.20E-02	3234814	3234937	NC_000004.11
cg19620724	1.66E-10	1.21E-11	7.21	15.5552128	1.58E-01	50810852	50810975	NC_000006.11
cg14103680	1.66E-10	1.22E-11	7.21	15.5501422	2.50E-01	28603059	28603182	NC_000006.11
cg22871870	1.66E-10	1.22E-11	7.21	15.5493277	1.14E-01	77348431	77348554	NC_000015.9
cg06690644	1.67E-10	1.22E-11	7.21	15.548529	2.74E-02	93454869	93454992	NC_000011.9
cg03232620	1.67E-10	1.22E-11	7.21	15.547608	2.14E-01	27197879	27198002	NC_000007.13
cg27012396	1.67E-10	1.22E-11	7.21	15.5468122	7.33E-02	240233043	240233166	NC_000002.11
cg02134720	1.67E-10	1.22E-11	7.21	15.5462563	8.56E-02	119948501	119948624	NC_000008.10
cg12639663	1.67E-10	1.22E-11	7.21	15.5459991	5.85E-02	207063173	207063296	NC_000001.10
cg23933241	1.67E-10	1.22E-11	7.21	15.5456692	1.55E-01	33823690	33823813	NC_000017.10
cg06487194	1.67E-10	1.22E-11	7.21	15.5447825	1.53E-01	15345097	15345220	NC_000006.11
cg00688810	1.67E-10	1.22E-11	7.21	15.5432151	1.08E-01	7517138	7517261	NC_000017.10
cg04549679	1.68E-10	1.23E-11	7.21	15.541918	6.22E-02	3524425	3524548	NC_000001.10

cg14907310	1.68E-10	1.23E-11	7.21	15.5412367	1.09E-01	2287734	2287857	NC_000011.9
cg05477823	1.68E-10	1.23E-11	7.21	15.5410685	1.62E-01	59481085	59481208	NC_000017.10
cg09292354	1.68E-10	1.23E-11	7.21	15.539955	9.00E-02	134956328	134956451	NC_000010.10
cg22007163	1.68E-10	1.23E-11	7.21	15.5384288	1.83E-01	28602927	28603050	NC_000006.11
cg04255044	1.69E-10	1.24E-11	7.2	15.534131	1.58E-01	87415168	87415291	NC_000016.9
cg18295183	1.69E-10	1.24E-11	7.2	15.5321563	1.66E-01	161494711	161494834	NC_000005.9
cg24903887	1.69E-10	1.24E-11	7.2	15.5316681	1.95E-01	4580777	4580900	NC_000019.9
cg24594293	1.69E-10	1.24E-11	7.2	15.5308244	6.28E-02	156564330	156564453	NC_000001.10
cg05062333	1.70E-10	1.24E-11	7.2	15.5302785	1.90E-01	133562269	133562392	NC_000006.11
cg16462462	1.70E-10	1.24E-11	7.2	15.5300284	2.46E-01	117950825	117950948	NC_000008.10
cg06197024	1.70E-10	1.24E-11	7.2	15.5281346	5.84E-02	134940464	134940587	NC_000010.10
cg01250490	1.70E-10	1.24E-11	7.2	15.5280625	1.04E-01	12251718	12251841	NC_000001.10
cg09524508	1.70E-10	1.24E-11	7.2	15.5276985	1.33E-01	49202530	49202653	NC_000003.11
cg18122493	1.70E-10	1.24E-11	7.2	15.5274587	1.27E-01	149380909	149381032	NC_000001.10
cg25346915	1.70E-10	1.24E-11	7.2	15.5273684	2.12E-01	49230036	49230159	NC_000011.9
cg04163637	1.70E-10	1.25E-11	7.2	15.5267591	4.47E-02	203869223	203869346	NC_000001.10
cg03746851	1.70E-10	1.25E-11	7.2	15.5264195	1.27E-01	21282502	21282625	NC_000017.10
cg02023345	1.70E-10	1.25E-11	7.2	15.5259125	2.10E-01	63212226	63212349	NC_000010.10
cg21836370	1.70E-10	1.25E-11	7.2	15.5240684	1.48E-01	85667451	85667574	NC_000012.11
cg22797270	1.70E-10	1.25E-11	7.2	15.5240187	1.13E-01	64398015	64398138	NC_000011.9
cg18319612	1.71E-10	1.25E-11	7.2	15.5229696	1.50E-01	203257946	203258069	NC_000001.10
cg01245224	1.71E-10	1.25E-11	7.2	15.5217284	1.52E-01	101313190	101313313	NC_000011.9
cg00802855	1.71E-10	1.25E-11	7.2	15.5205253	1.04E-01	134911097	134911220	NC_000010.10
cg09603381	1.71E-10	1.25E-11	7.2	15.5203857	9.24E-02	49954066	49954189	NC_000010.10
cg23517116	1.71E-10	1.25E-11	7.2	15.5200961	1.11E-01	65499841	65499964	NC_000008.10

cg19742055	1.72E-10	1.26E-11	7.2	15.5169632	1.80E-01	78493365	78493488	NC_000013.10
cg23237276	1.72E-10	1.26E-11	7.2	15.5157431	1.08E-01	101827449	101827572	NC_000014.8
cg02384857	1.72E-10	1.26E-11	7.2	15.514424	2.20E-01	27197614	27197737	NC_000007.13
cg22676401	1.72E-10	1.26E-11	7.2	15.5141214	1.79E-01	21496507	21496630	NC_000020.10
cg17190608	1.72E-10	1.26E-11	7.2	15.5128096	1.77E-01	111471489	111471612	NC_000012.11
cg25182501	1.73E-10	1.27E-11	7.2	15.5103267	6.69E-02	74747143	74747266	NC_000002.11
cg21063758	1.73E-10	1.27E-11	7.2	15.5101655	1.55E-01	74422761	74422884	NC_000015.9
cg11099684	1.73E-10	1.27E-11	7.2	15.5075979	1.53E-01	26402889	26403012	NC_000004.11
cg13811168	1.73E-10	1.27E-11	7.2	15.5063264	6.38E-02	1581473	1581596	NC_000011.9
cg26465391	1.74E-10	1.27E-11	7.2	15.5051068	1.82E-01	58220773	58220896	NC_000019.9
cg04936274	1.74E-10	1.28E-11	7.2	15.5022422	8.79E-02	134672412	134672535	NC_000010.10
cg27244482	1.74E-10	1.28E-11	7.2	15.5019586	1.36E-01	149669488	149669611	NC_000005.9
cg04897900	1.75E-10	1.28E-11	7.2	15.4985168	1.26E-01	157245108	157245231	NC_000003.11
cg14522034	1.75E-10	1.29E-11	7.2	15.4948904	1.06E-01	46706759	46706882	NC_000021.8
cg03892356	1.76E-10	1.29E-11	7.2	15.4933216	2.30E-01	54420837	54420960	NC_000012.11
cg14861857	1.76E-10	1.29E-11	7.2	15.4932038	1.81E-02	24584179	24584302	NC_000022.10
cg12901917	1.76E-10	1.29E-11	7.2	15.4924461	8.99E-02	116196207	116196330	NC_000012.11
cg14955103	1.76E-10	1.29E-11	7.2	15.4916056	8.03E-02	31864106	31864229	NC_000006.11
cg24989181	1.76E-10	1.29E-11	7.2	15.489694	8.72E-02	30781821	30781944	NC_000020.10
cg13239420	1.76E-10	1.29E-11	7.2	15.4882823	2.19E-01	240161249	240161372	NC_000001.10
cg01790083	1.77E-10	1.30E-11	7.2	15.4875265	1.27E-01	33671181	33671304	NC_000021.8
cg16269488	1.77E-10	1.30E-11	7.2	15.4862456	5.67E-02	1858639	1858762	NC_000007.13
cg15425541	1.77E-10	1.30E-11	7.2	15.4857555	2.30E-01	61118751	61118874	NC_000014.8
cg04954559	1.77E-10	1.30E-11	7.2	15.4846329	2.03E-01	22365428	22365551	NC_000011.9
cg00692780	1.77E-10	1.30E-11	7.2	15.4842346	1.04E-01	222434778	222434901	NC_000002.11

cg07159023	1.78E-10	1.30E-11	7.2	15.4810259	1.39E-01	39615988	39616111	NC_000017.10
cg13862210	1.78E-10	1.31E-11	7.19	15.4800666	1.08E-02	11796076	11796199	NC_000001.10
cg25560333	1.78E-10	1.31E-11	7.19	15.4787307	1.65E-01	11060104	11060227	NC_000010.10
cg03940525	1.78E-10	1.31E-11	7.19	15.477004	4.48E-02	61698089	61698212	NC_000005.9
cg16589299	1.79E-10	1.31E-11	7.19	15.4754055	1.80E-01	131758786	131758909	NC_000010.10
cg08675717	1.79E-10	1.31E-11	7.19	15.4753647	2.35E-01	58180241	58180364	NC_000020.10
cg24818566	1.79E-10	1.31E-11	7.19	15.4749097	9.51E-02	122132054	122132177	NC_000009.11
cg11148130	1.79E-10	1.31E-11	7.19	15.4734091	1.81E-01	73674068	73674191	NC_000003.11
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cg01749213	1.79E-10	1.32E-11	7.19	15.4724492	8.99E-02	219906749	219906872	NC_000002.11
cg16535144	1.79E-10	1.32E-11	7.19	15.4721506	2.07E-01	155259524	155259647	NC_000007.13
cg18312113	1.79E-10	1.32E-11	7.19	15.4713987	7.10E-02	1487538	1487661	NC_000001.10
cg19610905	1.80E-10	1.32E-11	7.19	15.4689498	1.95E-01	61596333	61596456	NC_000011.9
cg20562147	1.80E-10	1.32E-11	7.19	15.4679831	1.87E-01	143086459	143086582	NC_000008.10
cg22979783	1.80E-10	1.32E-11	7.19	15.4668852	1.34E-01	72371261	72371384	NC_000002.11
cg01525017	1.80E-10	1.32E-11	7.19	15.4667742	1.12E-01	181182210	181182333	NC_000003.11
cg27549878	1.80E-10	1.32E-11	7.19	15.4660806	1.69E-01	38886554	38886677	NC_000019.9
cg08996579	1.80E-10	1.33E-11	7.19	15.4652988	2.33E-01	50817804	50817927	NC_000010.10
cg07483462	1.80E-10	1.33E-11	7.19	15.4649561	1.12E-01	104928289	104928412	NC_000014.8
cg16772035	1.80E-10	1.33E-11	7.19	15.4647058	1.38E-01	87229880	87230003	NC_000007.13
cg00219282	1.80E-10	1.33E-11	7.19	15.4643444	1.26E-01	159654898	159655021	NC_000006.11
cg16968596	1.81E-10	1.33E-11	7.19	15.4636002	2.67E-01	89346629	89346752	NC_000015.9
cg00078259	1.81E-10	1.33E-11	7.19	15.4635954	4.75E-02	2656232	2656355	NC_000006.11
cg11657203	1.81E-10	1.33E-11	7.19	15.4613772	1.70E-01	41087101	41087224	NC_000012.11
cg10085824	1.81E-10	1.33E-11	7.19	15.4606418	5.66E-02	71800315	71800438	NC_000016.9

cg13019143	1.81E-10	1.33E-11	7.19	15.4590381	1.44E-01	96633060	96633183	NC_000007.13
cg15148691	1.82E-10	1.34E-11	7.19	15.4572995	8.05E-02	29404733	29404856	NC_000006.11
cg04657000	1.82E-10	1.34E-11	7.19	15.4567905	6.73E-02	112115430	112115553	NC_000006.11
cg08260406	1.82E-10	1.34E-11	7.19	15.4554037	1.54E-01	248100407	248100530	NC_000001.10
cg04798919	1.82E-10	1.34E-11	7.19	15.4546654	9.90E-02	44039475	44039598	NC_000019.9
cg08644463	1.83E-10	1.34E-11	7.19	15.4521468	1.09E-01	110106962	110107085	NC_000001.10
cg23066159	1.83E-10	1.34E-11	7.19	15.4519564	1.18E-01	51481472	51481595	NC_000019.9
cg05896193	1.83E-10	1.35E-11	7.19	15.449319	1.08E-01	25563141	25563264	NC_000002.11
cg05492075	1.83E-10	1.35E-11	7.19	15.4478107	6.50E-02	12881563	12881686	NC_000010.10
cg17514558	1.83E-10	1.35E-11	7.19	15.4474339	1.59E-01	140621375	140621498	NC_000005.9
cg23300372	1.84E-10	1.35E-11	7.19	15.4465229	1.89E-01	71015432	71015555	NC_000005.9
cg12149299	1.84E-10	1.36E-11	7.19	15.4433203	1.30E-01	96762309	96762432	NC_000012.11
cg11980129	1.85E-10	1.36E-11	7.19	15.4399641	1.75E-01	79815639	79815762	NC_000003.11
cg25090499	1.85E-10	1.36E-11	7.19	15.4396367	1.85E-01	26043165	26043288	NC_000013.10
cg13559439	1.85E-10	1.36E-11	7.19	15.4393276	1.55E-01	12989237	12989360	NC_000008.10
cg20732160	1.85E-10	1.36E-11	7.19	15.4386376	1.17E-01	48590040	48590163	NC_000003.11
cg08597067	1.85E-10	1.36E-11	7.19	15.4383624	1.01E-01	53147641	53147764	NC_000006.11
cg01038597	1.86E-10	1.37E-11	7.19	15.4355811	1.10E-01	31120649	31120772	NC_000016.9
cg01519508	1.86E-10	1.37E-11	7.19	15.4344318	1.15E-01	86411222	86411345	NC_000016.9
cg22982368	1.86E-10	1.37E-11	7.19	15.4339333	1.71E-01	31825969	31826092	NC_000011.9
cg08610862	1.86E-10	1.37E-11	7.19	15.4335416	1.83E-01	197888469	197888592	NC_000001.10
cg07396817	1.86E-10	1.37E-11	7.19	15.4315151	1.28E-01	185453355	185453478	NC_000003.11
cg11555666	1.87E-10	1.38E-11	7.19	15.4292164	8.64E-02	78172397	78172520	NC_000017.10
cg04645150	1.87E-10	1.38E-11	7.19	15.4283326	1.71E-01	28584172	28584295	NC_000006.11
cg10606059	1.87E-10	1.38E-11	7.19	15.4283311	1.55E-01	72987838	72987961	NC_000008.10

cg10370599	1.87E-10	1.38E-11	7.19	15.427353	1.37E-01	22825158	22825281	NC_000016.9
cg18274510	1.87E-10	1.38E-11	7.19	15.427001	1.49E-01	69736743	69736866	NC_000010.10
cg06829830	1.87E-10	1.38E-11	7.19	15.4260693	1.97E-01	80256087	80256210	NC_000005.9
cg24184636	1.87E-10	1.38E-11	7.19	15.4254757	1.64E-01	25906789	25906912	NC_000008.10
cg13318256	1.87E-10	1.38E-11	7.19	15.4254264	1.61E-01	67885605	67885728	NC_000011.9
cg09561125	1.88E-10	1.38E-11	7.19	15.423824	1.42E-01	108097477	108097600	NC_000007.13
cg08361684	1.88E-10	1.38E-11	7.19	15.4236737	2.21E-01	35641255	35641378	NC_000011.9
cg09400566	1.88E-10	1.38E-11	7.18	15.4232343	1.44E-01	1271371	1271494	NC_000019.9
cg13000912	1.88E-10	1.38E-11	7.18	15.4225735	1.83E-01	100056060	100056183	NC_000006.11
cg04001802	1.88E-10	1.39E-11	7.18	15.4221072	1.28E-01	15085279	15085402	NC_000010.10
cg07213060	1.88E-10	1.39E-11	7.18	15.4215238	1.85E-01	21694827	21694950	NC_000020.10
cg13586599	1.88E-10	1.39E-11	7.18	15.4207669	1.65E-01	25652383	25652506	NC_000006.11
cg22053159	1.88E-10	1.39E-11	7.18	15.420052	1.38E-01	2478543	2478666	NC_000006.11
cg24592972	1.89E-10	1.39E-11	7.18	15.4154077	4.96E-02	134828571	134828694	NC_000010.10
cg02589791	1.89E-10	1.39E-11	7.18	15.415131	1.42E-01	63955666	63955789	NC_000007.13
cg04191300	1.89E-10	1.40E-11	7.18	15.4147777	1.34E-01	128729652	128729775	NC_000011.9
cg13789236	1.89E-10	1.40E-11	7.18	15.4135745	3.64E-02	79009433	79009556	NC_000009.11
cg14275836	1.90E-10	1.40E-11	7.18	15.4131268	4.19E-02	2941313	2941436	NC_000011.9
cg18355533	1.90E-10	1.40E-11	7.18	15.4123695	6.35E-02	3961679	3961802	NC_000019.9
cg06556929	1.90E-10	1.40E-11	7.18	15.4118151	7.45E-02	142368169	142368292	NC_000008.10
cg07095836	1.90E-10	1.40E-11	7.18	15.4090932	6.24E-02	62574925	62575048	NC_000007.13
cg09802627	1.91E-10	1.41E-11	7.18	15.4075519	5.69E-02	228613207	228613330	NC_000001.10
cg27119877	1.91E-10	1.41E-11	7.18	15.406919	5.24E-02	30122036	30122159	NC_000006.11
cg00709966	1.91E-10	1.41E-11	7.18	15.4053593	1.11E-01	27253143	27253266	NC_000007.13
cg27020216	1.91E-10	1.41E-11	7.18	15.4048	1.49E-01	153840347	153840470	NC_000003.11

cg26332310	1.91E-10	1.41E-11	7.18	15.4036452	1.83E-01	91182305	91182428	NC_000001.10
cg24718866	1.91E-10	1.41E-11	7.18	15.402712	1.85E-01	25391274	25391397	NC_000002.11
cg05021643	1.91E-10	1.41E-11	7.18	15.4024018	1.11E-01	177029608	177029731	NC_000002.11
cg18644235	1.92E-10	1.41E-11	7.18	15.4015619	1.02E-01	57352746	57352869	NC_000019.9
cg02335141	1.92E-10	1.41E-11	7.18	15.4010783	5.59E-02	167551083	167551206	NC_000006.11
cg22557662	1.92E-10	1.42E-11	7.18	15.4004896	2.14E-01	38747374	38747497	NC_000019.9
cg00060715	1.92E-10	1.42E-11	7.18	15.3997187	5.33E-02	214779657	214779780	NC_000001.10
cg06424097	1.92E-10	1.42E-11	7.18	15.3993772	1.52E-01	122848244	122848367	NC_000011.9
cg07104209	1.92E-10	1.42E-11	7.18	15.3979789	1.72E-01	27281872	27281995	NC_000007.13
cg22167065	1.92E-10	1.42E-11	7.18	15.3979142	9.66E-02	61814422	61814545	NC_000020.10
cg12276203	1.92E-10	1.42E-11	7.18	15.3968539	1.03E-01	46917565	46917688	NC_000021.8
cg12635937	1.93E-10	1.42E-11	7.18	15.3958605	1.08E-01	81184925	81185048	NC_000004.11
cg06480138	1.93E-10	1.43E-11	7.18	15.3938696	8.18E-02	91477148	91477271	NC_000015.9
cg23316599	1.93E-10	1.43E-11	7.18	15.3935288	1.04E-01	57271379	57271502	NC_000007.13
cg01904169	1.93E-10	1.43E-11	7.18	15.3925357	6.43E-02	27884654	27884777	NC_000002.11
cg26296364	1.93E-10	1.43E-11	7.18	15.3922893	1.62E-01	63212206	63212329	NC_000010.10
cg15116918	1.94E-10	1.43E-11	7.18	15.3909141	1.47E-01	78669552	78669675	NC_000017.10
cg21982455	1.94E-10	1.43E-11	7.18	15.3894247	1.65E-01	2757976	2758099	NC_000005.9
cg21813063	1.94E-10	1.44E-11	7.18	15.3866633	5.59E-02	10264192	10264315	NC_000012.11
cg13962212	1.95E-10	1.44E-11	7.18	15.3848815	1.55E-01	30325907	30326030	NC_000006.11
cg24329658	1.95E-10	1.44E-11	7.18	15.3845048	4.45E-02	30122023	30122146	NC_000006.11
cg16370491	1.95E-10	1.44E-11	7.18	15.3844525	2.02E-01	75601928	75602051	NC_000012.11
cg24341611	1.95E-10	1.44E-11	7.18	15.3840522	2.14E-01	50235279	50235402	NC_000017.10
cg08552214	1.95E-10	1.44E-11	7.18	15.3829863	1.81E-01	176931864	176931987	NC_000002.11
cg20831708	1.95E-10	1.44E-11	7.18	15.3828877	1.61E-01	102279373	102279496	NC_000010.10



cg02548290	1.95E-10	1.44E-11	7.18	15.3825548	4.64E-02	25126153	25126276	NC_000016.9
cg06518233	1.95E-10	1.44E-11	7.18	15.381297	2.91E-02	102765350	102765473	NC_000010.10
cg12613383	1.96E-10	1.45E-11	7.18	15.3800104	1.63E-01	242688681	242688804	NC_000001.10
cg20116099	1.96E-10	1.45E-11	7.18	15.3775747	1.02E-01	25416204	25416327	NC_000017.10
cg10130718	1.96E-10	1.45E-11	7.18	15.3774328	7.33E-02	53925368	53925491	NC_000001.10
cg04616218	1.96E-10	1.45E-11	7.18	15.3764672	4.85E-02	29789904	29790027	NC_000016.9
cg22489153	1.96E-10	1.45E-11	7.18	15.37636	1.55E-01	115136175	115136298	NC_000012.11
cg10866298	1.96E-10	1.45E-11	7.18	15.3756188	2.11E-01	9760869	9760992	NC_000008.10
cg25008858	1.96E-10	1.45E-11	7.18	15.3754116	1.09E-01	220313657	220313780	NC_000002.11
cg24304249	1.96E-10	1.45E-11	7.18	15.3748899	1.56E-01	181455181	181455304	NC_000001.10
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cg26239391	1.97E-10	1.46E-11	7.18	15.373616	1.97E-01	8869285	8869408	NC_000017.10
cg16198450	1.97E-10	1.46E-11	7.18	15.3727419	6.30E-02	159655853	159655976	NC_000005.9
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cg18963171	1.97E-10	1.46E-11	7.18	15.3718549	1.01E-01	43442940	43443063	NC_000021.8
cg01311170	1.97E-10	1.46E-11	7.18	15.3712562	7.90E-02	39169407	39169530	NC_000017.10
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cg01718116	1.98E-10	1.46E-11	7.18	15.3683058	2.18E-01	115919829	115919952	NC_000002.11
cg06235438	1.98E-10	1.46E-11	7.18	15.3675664	8.38E-02	30485966	30486089	NC_000016.9
cg23189410	1.98E-10	1.46E-11	7.18	15.3669668	1.95E-01	147125712	147125835	NC_000003.11
cg25670060	1.98E-10	1.47E-11	7.17	15.3659342	2.51E-01	98891544	98891667	NC_000011.9
cg24314877	1.98E-10	1.47E-11	7.17	15.3655549	8.82E-02	128656055	128656178	NC_000008.10
cg21251140	1.98E-10	1.47E-11	7.17	15.3644267	8.69E-02	181544642	181544765	NC_000002.11

cg26108017	1.98E-10	1.47E-11	7.17	15.3641097	7.01E-02	97548061	97548184	NC_000002.11
cg09466667	1.98E-10	1.47E-11	7.17	15.364054	5.87E-02	42140775	42140898	NC_000003.11
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cg09675604	1.99E-10	1.48E-11	7.17	15.3597926	1.22E-01	107591096	107591219	NC_000007.13
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cg15665203	2.00E-10	1.48E-11	7.17	15.3579789	1.14E-01	112282481	112282604	NC_000013.10
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cg05050657	2.02E-10	1.49E-11	7.17	15.3479079	1.71E-01	46957105	46957228	NC_000001.10
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cg13580382	2.02E-10	1.50E-11	7.17	15.3448146	1.22E-01	140081032	140081155	NC_000009.11
cg19875375	2.02E-10	1.50E-11	7.17	15.3442596	1.34E-01	46740666	46740789	NC_000011.9
cg20442232	2.02E-10	1.50E-11	7.17	15.3438092	1.10E-01	134465552	134465675	NC_000005.9
cg21133251	2.03E-10	1.50E-11	7.17	15.3426374	2.94E-02	242566890	242567013	NC_000002.11
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cg20366906	2.04E-10	1.51E-11	7.17	15.3357727	1.15E-01	53422381	53422504	NC_000013.10

cg25875953	2.04E-10	1.51E-11	7.17	15.3350878	4.09E-02	3001128	3001251	NC_000001.10
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cg00574530	2.04E-10	1.52E-11	7.17	15.3325551	1.74E-01	134872064	134872187	NC_000005.9
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cg07709475	2.05E-10	1.52E-11	7.17	15.331293	7.67E-02	105423558	105423681	NC_000010.10
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cg03431738	2.07E-10	1.53E-11	7.17	15.3213871	1.05E-01	40031295	40031418	NC_000021.8
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cg00891278	2.09E-10	1.56E-11	7.16	15.3069115	1.60E-01	126113784	126113907	NC_000003.11
cg20568196	2.09E-10	1.56E-11	7.16	15.3067907	2.58E-01	45811015	45811138	NC_000017.10
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cg06381463	2.10E-10	1.56E-11	7.16	15.3056801	3.80E-02	129100506	129100629	NC_000009.11
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cg13198321	2.10E-10	1.56E-11	7.16	15.3032635	2.18E-01	58357891	58358014	NC_000015.9
cg08286196	2.11E-10	1.57E-11	7.16	15.3005647	1.45E-01	114847882	114848005	NC_000013.10
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cg19590445	2.11E-10	1.57E-11	7.16	15.2998258	7.14E-02	174155345	174155468	NC_000005.9
cg04200411	2.11E-10	1.57E-11	7.16	15.2971402	4.52E-02	80449551	80449674	NC_000017.10
cg24805875	2.11E-10	1.57E-11	7.16	15.2968013	2.10E-01	117086941	117087064	NC_000006.11
cg06449094	2.11E-10	1.57E-11	7.16	15.2964388	1.08E-01	822397	822520	NC_000011.9
cg23520119	2.12E-10	1.57E-11	7.16	15.2958236	1.04E-01	121249868	121249991	NC_000010.10
cg14803869	2.12E-10	1.58E-11	7.16	15.2945153	1.26E-01	131237682	131237805	NC_000012.11
cg06970510	2.12E-10	1.58E-11	7.16	15.293173	1.70E-01	52401448	52401571	NC_000012.11
cg15908627	2.12E-10	1.58E-11	7.16	15.2931175	1.13E-01	1007420	1007543	NC_000011.9
cg08528231	2.12E-10	1.58E-11	7.16	15.2929354	1.88E-01	12997261	12997384	NC_000016.9
cg16297171	2.12E-10	1.58E-11	7.16	15.2918624	1.26E-01	99017690	99017813	NC_000008.10
cg15063116	2.13E-10	1.58E-11	7.16	15.2911272	1.71E-01	12254365	12254488	NC_000018.9
cg13954022	2.13E-10	1.59E-11	7.16	15.2881206	4.61E-02	106825650	106825773	NC_000013.10
cg23814714	2.13E-10	1.59E-11	7.16	15.2871498	7.28E-02	32056735	32056858	NC_000006.11
cg07405182	2.14E-10	1.59E-11	7.16	15.2861997	1.61E-01	40598455	40598578	NC_000001.10
cg26802289	2.14E-10	1.59E-11	7.16	15.28568	2.58E-01	20817859	20817982	NC_000007.13

cg14520944	2.14E-10	1.59E-11	7.16	15.2846251	5.85E-02	169256780	169256903	NC_000006.11
cg17754769	2.14E-10	1.59E-11	7.16	15.284295	9.43E-02	50735417	50735540	NC_000022.10
cg00757082	2.14E-10	1.60E-11	7.16	15.2828586	2.26E-01	30719149	30719272	NC_000019.9
cg05621401	2.15E-10	1.60E-11	7.16	15.2812886	2.73E-01	43572065	43572188	NC_000010.10
cg13822256	2.15E-10	1.60E-11	7.16	15.2804036	1.08E-01	24811266	24811389	NC_000008.10
cg03634479	2.15E-10	1.60E-11	7.16	15.2801922	1.44E-01	18430412	18430535	NC_000010.10
cg17200320	2.15E-10	1.60E-11	7.16	15.2800377	4.72E-02	176931422	176931545	NC_000005.9
cg26157451	2.15E-10	1.60E-11	7.16	15.2782223	6.88E-02	89547102	89547225	NC_000015.9
cg01678383	2.15E-10	1.60E-11	7.16	15.2774866	5.71E-02	187903164	187903287	NC_000003.11
cg27434245	2.15E-10	1.61E-11	7.16	15.2767025	2.64E-01	89007493	89007616	NC_000016.9
cg20337815	2.16E-10	1.61E-11	7.16	15.2762004	7.41E-02	8736232	8736355	NC_000002.11
cg02792168	2.16E-10	1.61E-11	7.16	15.2744744	1.61E-01	101281924	101282047	NC_000010.10
cg23551455	2.16E-10	1.61E-11	7.16	15.273838	4.21E-02	80977010	80977133	NC_000017.10
cg13512069	2.16E-10	1.61E-11	7.16	15.2735797	1.36E-01	82555113	82555236	NC_000015.9
cg08041350	2.16E-10	1.61E-11	7.16	15.2731254	1.17E-01	25819112	25819235	NC_000017.10
cg21384645	2.16E-10	1.61E-11	7.16	15.2726002	1.57E-01	176957304	176957427	NC_000002.11
cg02979203	2.17E-10	1.61E-11	7.16	15.2715688	1.13E-01	118365961	118366084	NC_000010.10
cg09271882	2.17E-10	1.62E-11	7.16	15.2706463	4.85E-02	6214849	6214972	NC_000001.10
cg10474350	2.17E-10	1.62E-11	7.16	15.2704791	2.02E-01	27196555	27196678	NC_000007.13
cg09835239	2.17E-10	1.62E-11	7.16	15.267888	2.18E-01	66188203	66188326	NC_000011.9
cg04103250	2.18E-10	1.62E-11	7.16	15.2667782	1.48E-01	29840320	29840443	NC_000010.10
cg22851295	2.18E-10	1.62E-11	7.16	15.2667077	1.58E-01	10881949	10882072	NC_000006.11
cg21022447	2.18E-10	1.62E-11	7.16	15.2666641	3.88E-02	30521181	30521304	NC_000006.11
cg23148701	2.18E-10	1.62E-11	7.16	15.2659403	1.89E-01	64062498	64062621	NC_000012.11
cg01781662	2.18E-10	1.62E-11	7.16	15.2657164	1.42E-01	132387805	132387928	NC_000009.11

cg26744375	2.18E-10	1.62E-11	7.16	15.2652255	2.37E-01	27135723	27135846	NC_000007.13
cg07145988	2.18E-10	1.63E-11	7.16	15.2643827	7.94E-02	8692312	8692435	NC_000001.10
cg13496492	2.18E-10	1.63E-11	7.16	15.2635396	7.65E-02	132463186	132463309	NC_000009.11
cg15309953	2.19E-10	1.63E-11	7.16	15.2593356	1.47E-01	5813258	5813381	NC_000002.11
cg02166450	2.19E-10	1.64E-11	7.16	15.2581007	1.86E-01	112712795	112712918	NC_000013.10
cg00632188	2.19E-10	1.64E-11	7.16	15.2577578	4.82E-02	31730389	31730512	NC_000006.11
cg06043908	2.19E-10	1.64E-11	7.16	15.2572355	1.04E-01	49467831	49467954	NC_000008.10
cg26398921	2.20E-10	1.64E-11	7.16	15.2567281	1.63E-01	221065480	221065603	NC_000001.10
cg04844692	2.20E-10	1.64E-11	7.16	15.2566464	6.41E-02	117157450	117157573	NC_000012.11
cg21806832	2.20E-10	1.64E-11	7.16	15.2562571	5.26E-02	21262831	21262954	NC_000017.10
cg08814405	2.20E-10	1.64E-11	7.16	15.2553296	2.22E-01	19183753	19183876	NC_000007.13
cg25391162	2.20E-10	1.64E-11	7.16	15.254238	1.01E-01	118091	118214	NC_000009.11
cg20156659	2.20E-10	1.64E-11	7.16	15.254124	1.64E-01	48982832	48982955	NC_000002.11
cg07395354	2.20E-10	1.65E-11	7.15	15.2524252	1.98E-01	15727127	15727250	NC_000007.13
cg26866482	2.21E-10	1.65E-11	7.15	15.2519862	2.54E-01	103351443	103351566	NC_000012.11
cg05106058	2.21E-10	1.65E-11	7.15	15.2507845	1.03E-01	172735924	172736047	NC_000004.11
cg15685941	2.21E-10	1.65E-11	7.15	15.2492485	8.02E-02	52723104	52723227	NC_000003.11
cg15923139	2.21E-10	1.65E-11	7.15	15.2490366	1.57E-01	186801896	186802019	NC_000004.11
cg25738714	2.21E-10	1.65E-11	7.15	15.2484294	2.06E-01	50893658	50893781	NC_000001.10
cg20090194	2.22E-10	1.65E-11	7.15	15.2471157	8.44E-02	75401258	75401381	NC_000010.10
cg12274508	2.22E-10	1.66E-11	7.15	15.244599	6.48E-02	33170770	33170893	NC_000006.11
cg02706018	2.22E-10	1.66E-11	7.15	15.2444216	1.24E-01	27168780	27168903	NC_000007.13
cg21541833	2.22E-10	1.66E-11	7.15	15.2438214	2.17E-01	207507096	207507219	NC_000002.11
cg06553975	2.22E-10	1.66E-11	7.15	15.2432872	6.37E-02	133085262	133085385	NC_000012.11
cg06721255	2.23E-10	1.66E-11	7.15	15.2423902	1.99E-01	114878877	114879000	NC_000012.11

cg12523924	2.23E-10	1.66E-11	7.15	15.2412209	1.81E-01	63255359	63255482	NC_000005.9
cg05959980	2.23E-10	1.67E-11	7.15	15.2409521	8.29E-02	182083019	182083142	NC_000001.10
cg25796050	2.23E-10	1.67E-11	7.15	15.2407543	1.24E-01	234621572	234621695	NC_000002.11
cg02240936	2.23E-10	1.67E-11	7.15	15.2401202	7.05E-02	134584660	134584783	NC_000010.10
cg21182616	2.23E-10	1.67E-11	7.15	15.2401096	5.21E-02	1363182	1363305	NC_000004.11
cg04047221	2.23E-10	1.67E-11	7.15	15.2385536	1.61E-01	112723477	112723600	NC_000013.10
cg09579081	2.23E-10	1.67E-11	7.15	15.2380304	7.03E-02	81109237	81109360	NC_000015.9
cg13763061	2.24E-10	1.67E-11	7.15	15.2373404	1.78E-01	84814656	84814779	NC_000007.13
cg06709756	2.24E-10	1.67E-11	7.15	15.2362335	1.65E-01	1339049	1339172	NC_000008.10
cg12601909	2.24E-10	1.67E-11	7.15	15.235823	1.46E-01	1324478	1324601	NC_000011.9
cg10827650	2.25E-10	1.68E-11	7.15	15.2327907	5.24E-02	139511	139634	NC_000017.10
cg27665860	2.25E-10	1.68E-11	7.15	15.232535	5.92E-02	68970673	68970796	NC_000011.9
cg19002907	2.25E-10	1.68E-11	7.15	15.2314633	1.22E-01	115939579	115939702	NC_000010.10
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cg22967542	2.25E-10	1.68E-11	7.15	15.2294531	1.32E-01	96647483	96647606	NC_000007.13
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cg14037937	2.26E-10	1.69E-11	7.15	15.2275126	1.06E-01	7987530	7987653	NC_000004.11
cg24286765	2.26E-10	1.69E-11	7.15	15.2267798	1.65E-01	137361532	137361655	NC_000003.11
cg10908752	2.26E-10	1.69E-11	7.15	15.2252665	5.68E-02	98044144	98044267	NC_000013.10
cg08399444	2.26E-10	1.69E-11	7.15	15.2247532	1.25E-01	13248548	13248671	NC_000012.11
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cg24133115	2.27E-10	1.70E-11	7.15	15.222806	2.14E-01	166075520	166075643	NC_000006.11
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cg27397850	2.28E-10	1.70E-11	7.15	15.2188922	1.84E-01	27281941	27282064	NC_000007.13

cg24659538	2.28E-10	1.71E-11	7.15	15.21593	3.00E-02	160222618	160222741	NC_000001.10
cg05164933	2.29E-10	1.71E-11	7.15	15.2140179	1.95E-01	154710418	154710541	NC_000004.11
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cg26186239	2.30E-10	1.72E-11	7.15	15.2095711	1.34E-01	62119492	62119615	NC_000020.10
cg23933044	2.30E-10	1.72E-11	7.15	15.208992	1.36E-01	37249909	37250032	NC_000005.9
cg25153629	2.30E-10	1.72E-11	7.15	15.2072707	8.14E-02	3135375	3135498	NC_000001.10
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cg06539116	2.31E-10	1.73E-11	7.15	15.2054687	1.32E-01	148597365	148597488	NC_000005.9
cg12388007	2.31E-10	1.73E-11	7.15	15.204934	1.56E-01	147110499	147110622	NC_000003.11
cg26467918	2.31E-10	1.73E-11	7.15	15.2048391	7.99E-02	63932088	63932211	NC_000011.9
cg13291704	2.31E-10	1.73E-11	7.15	15.2047801	1.84E-01	15761498	15761621	NC_000010.10
cg04921989	2.31E-10	1.73E-11	7.15	15.2039915	2.26E-01	132183100	132183223	NC_000002.11
cg12818107	2.31E-10	1.73E-11	7.15	15.2035334	1.25E-01	142852265	142852388	NC_000008.10
cg11388320	2.31E-10	1.73E-11	7.15	15.2028962	8.97E-02	81119299	81119422	NC_000004.11
cg24033224	2.31E-10	1.73E-11	7.15	15.2020818	1.30E-01	131438016	131438139	NC_000012.11
cg06738242	2.31E-10	1.73E-11	7.15	15.2017949	1.78E-01	239755703	239755826	NC_000002.11
cg14329039	2.31E-10	1.73E-11	7.15	15.2011535	3.12E-02	3058109	3058232	NC_000010.10
cg24116870	2.32E-10	1.73E-11	7.15	15.2008518	1.82E-01	43946284	43946407	NC_000012.11
cg12454814	2.32E-10	1.73E-11	7.15	15.200846	1.60E-01	58332480	58332603	NC_000014.8
cg02115911	2.32E-10	1.73E-11	7.15	15.200815	2.11E-01	34395548	34395671	NC_000021.8
cg20295353	2.32E-10	1.74E-11	7.15	15.2003994	7.59E-02	64989846	64989969	NC_000014.8
cg14051662	2.33E-10	1.74E-11	7.14	15.1950231	1.64E-01	137279180	137279303	NC_000009.11
cg13544883	2.33E-10	1.75E-11	7.14	15.1947273	9.72E-02	7852051	7852174	NC_000019.9
cg15888290	2.33E-10	1.75E-11	7.14	15.1929652	1.78E-01	119600348	119600471	NC_000002.11
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cg13939185	2.34E-10	1.75E-11	7.14	15.1908675	1.34E-01	77116084	77116207	NC_000009.11
cg04765483	2.34E-10	1.75E-11	7.14	15.1897717	1.30E-01	134288552	134288675	NC_000011.9
cg20643952	2.34E-10	1.75E-11	7.14	15.1893289	2.27E-01	54398809	54398932	NC_000012.11
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cg03196627	2.35E-10	1.76E-11	7.14	15.1873342	3.40E-02	79298606	79298729	NC_000015.9
cg23151024	2.35E-10	1.76E-11	7.14	15.1867656	2.01E-01	84815940	84816063	NC_000007.13
cg23259813	2.35E-10	1.76E-11	7.14	15.186374	5.51E-02	18572503	18572626	NC_000019.9
cg05336698	2.35E-10	1.76E-11	7.14	15.1860526	1.96E-01	102497298	102497421	NC_000010.10
cg11662340	2.35E-10	1.76E-11	7.14	15.1855228	8.53E-02	32166839	32166962	NC_000006.11
cg21195256	2.35E-10	1.76E-11	7.14	15.1838911	1.85E-01	29244278	29244401	NC_000014.8
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cg21653184	2.36E-10	1.77E-11	7.14	15.1828741	2.56E-01	58609361	58609484	NC_000019.9
cg11708721	2.36E-10	1.77E-11	7.14	15.1816563	1.28E-01	117530009	117530132	NC_000001.10
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cg01325552	2.36E-10	1.77E-11	7.14	15.1786772	1.57E-01	187025420	187025543	NC_000004.11
cg03625287	2.37E-10	1.78E-11	7.14	15.1775424	1.72E-01	24121359	24121482	NC_000013.10
cg26687406	2.37E-10	1.78E-11	7.14	15.1773335	1.36E-01	169717976	169718099	NC_000006.11
cg14358699	2.37E-10	1.78E-11	7.14	15.1770101	8.67E-02	133521882	133522005	NC_000010.10
cg23526504	2.37E-10	1.78E-11	7.14	15.1769758	9.07E-02	29186780	29186903	NC_000010.10
cg02845071	2.37E-10	1.78E-11	7.14	15.1767763	5.10E-02	18571145	18571268	NC_000017.10
cg06263193	2.37E-10	1.78E-11	7.14	15.1753298	7.90E-02	28622912	28623035	NC_000018.9
cg23067299	2.37E-10	1.78E-11	7.14	15.1742457	1.13E-01	323907	324030	NC_000005.9
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cg09020927	2.38E-10	1.79E-11	7.14	15.1704008	4.59E-02	150058090	150058213	NC_000005.9
cg12383964	2.39E-10	1.79E-11	7.14	15.169217	4.16E-02	134681298	134681421	NC_000010.10
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cg18335068	2.39E-10	1.80E-11	7.14	15.166418	2.04E-01	53757910	53758033	NC_000019.9
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cg25137711	2.41E-10	1.81E-11	7.14	15.1595784	1.38E-01	48059173	48059296	NC_000001.10
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cg02388319	2.41E-10	1.81E-11	7.14	15.1566454	1.15E-01	155019321	155019444	NC_000007.13
cg24033278	2.41E-10	1.81E-11	7.14	15.1564984	4.51E-02	41510272	41510395	NC_000019.9
cg11932225	2.42E-10	1.82E-11	7.14	15.1523988	2.98E-02	7802347	7802470	NC_000004.11
cg19788371	2.42E-10	1.82E-11	7.14	15.1519592	1.63E-01	143086298	143086421	NC_000008.10
cg06444755	2.43E-10	1.82E-11	7.14	15.1511819	1.57E-01	8473990	8474113	NC_000007.13
cg18302637	2.43E-10	1.83E-11	7.14	15.1503501	6.34E-02	1254777	1254900	NC_000005.9
cg08501735	2.43E-10	1.83E-11	7.14	15.1495214	4.02E-02	172992719	172992842	NC_000003.11
cg18402615	2.43E-10	1.83E-11	7.14	15.1495159	1.99E-01	124896659	124896782	NC_000010.10
cg11325267	2.43E-10	1.83E-11	7.14	15.148284	1.26E-01	137480853	137480976	NC_000003.11
cg27470208	2.43E-10	1.83E-11	7.14	15.1475032	6.49E-02	8373416	8373539	NC_000010.10
cg13870866	2.44E-10	1.83E-11	7.14	15.1470236	1.53E-01	35293130	35293253	NC_000007.13
cg00873601	2.44E-10	1.83E-11	7.14	15.1455811	1.37E-01	116044025	116044148	NC_000012.11
cg26958838	2.44E-10	1.84E-11	7.14	15.1453515	1.27E-01	2416025	2416148	NC_000005.9
cg08969274	2.44E-10	1.84E-11	7.14	15.1450407	1.09E-01	75848810	75848933	NC_000017.10

cg11850508	2.45E-10	1.84E-11	7.14	15.1418862	7.51E-02	78172311	78172434	NC_000017.10
cg19035496	2.46E-10	1.85E-11	7.13	15.1369178	9.12E-02	67090792	67090915	NC_000008.10
cg01256089	2.46E-10	1.85E-11	7.13	15.1364292	1.80E-01	77822500	77822623	NC_000016.9
cg00017489	2.46E-10	1.85E-11	7.13	15.1356831	1.76E-01	153583318	153583441	NC_000007.13
cg14747563	2.47E-10	1.86E-11	7.13	15.1340645	2.33E-01	134871962	134872085	NC_000005.9
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cg26597242	2.47E-10	1.86E-11	7.13	15.1323847	1.98E-01	161274540	161274663	NC_000005.9
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cg07434271	2.48E-10	1.87E-11	7.13	15.1267991	1.54E-01	31840698	31840821	NC_000011.9
cg10715460	2.48E-10	1.87E-11	7.13	15.1266788	1.06E-01	21278879	21279002	NC_000017.10
cg15151929	2.49E-10	1.87E-11	7.13	15.1250625	7.86E-02	1896429	1896552	NC_000001.10
cg02222728	2.49E-10	1.87E-11	7.13	15.1248186	1.36E-01	55371829	55371952	NC_000008.10
cg23827284	2.49E-10	1.88E-11	7.13	15.1239256	1.41E-01	30407145	30407268	NC_000020.10
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cg10583000	2.49E-10	1.88E-11	7.13	15.1234537	1.70E-01	98963134	98963257	NC_000002.11
cg06991392	2.49E-10	1.88E-11	7.13	15.1231791	1.22E-01	147789842	147789965	NC_000001.10
cg21433231	2.49E-10	1.88E-11	7.13	15.1231517	1.30E-01	34820712	34820835	NC_000017.10
cg17306747	2.49E-10	1.88E-11	7.13	15.1229766	1.68E-01	1446165	1446288	NC_000005.9
cg19226007	2.50E-10	1.88E-11	7.13	15.1218208	1.13E-01	43045068	43045191	NC_000017.10
cg19905251	2.50E-10	1.88E-11	7.13	15.1196689	1.08E-01	168728495	168728618	NC_000005.9
cg10909790	2.51E-10	1.89E-11	7.13	15.1174155	1.24E-01	45925455	45925578	NC_000010.10
cg19504702	2.51E-10	1.89E-11	7.13	15.1164683	1.62E-01	153862394	153862517	NC_000005.9
cg13688769	2.51E-10	1.89E-11	7.13	15.1160095	1.48E-01	73674363	73674486	NC_000003.11
cg11085282	2.51E-10	1.90E-11	7.13	15.1138584	1.70E-01	46262203	46262326	NC_000022.10
cg22507154	2.52E-10	1.90E-11	7.13	15.1122676	1.32E-01	91185233	91185356	NC_000001.10

cg00522588	2.52E-10	1.90E-11	7.13	15.1116063	1.53E-01	49449063	49449186	NC_000012.11
cg12089570	2.52E-10	1.90E-11	7.13	15.1099775	1.36E-01	9473715	9473838	NC_000019.9
cg14130459	2.52E-10	1.90E-11	7.13	15.1099632	9.75E-02	60718568	60718691	NC_000011.9
cg13050556	2.53E-10	1.90E-11	7.13	15.1087885	4.79E-02	80180068	80180191	NC_000017.10
cg14069928	2.53E-10	1.91E-11	7.13	15.108347	1.22E-01	136845816	136845939	NC_000009.11
cg10717463	2.53E-10	1.91E-11	7.13	15.1082398	1.51E-01	76740962	76741085	NC_000018.9
cg02188358	2.53E-10	1.91E-11	7.13	15.1081465	1.65E-01	29068150	29068273	NC_000013.10
cg13681800	2.53E-10	1.91E-11	7.13	15.1069951	1.41E-01	168498470	168498593	NC_000006.11
cg08422172	2.54E-10	1.91E-11	7.13	15.1046267	2.04E-01	11886668	11886791	NC_000016.9
cg05432034	2.54E-10	1.91E-11	7.13	15.1045604	9.85E-02	86743939	86744062	NC_000016.9
cg14453201	2.54E-10	1.91E-11	7.13	15.1038827	2.07E-01	320888	321011	NC_000005.9
cg04290835	2.54E-10	1.92E-11	7.13	15.1032903	5.71E-02	5350284	5350407	NC_000017.10
cg01797106	2.54E-10	1.92E-11	7.13	15.1023542	9.81E-02	129431954	129432077	NC_000012.11
cg14448169	2.55E-10	1.92E-11	7.13	15.0998117	1.73E-01	120968904	120969027	NC_000007.13
cg25759507	2.55E-10	1.93E-11	7.13	15.0981277	3.83E-02	12008553	12008676	NC_000011.9
cg19133958	2.55E-10	1.93E-11	7.13	15.0976084	4.83E-02	59560599	59560722	NC_000017.10
cg26794997	2.56E-10	1.93E-11	7.13	15.095072	8.90E-02	76189257	76189380	NC_000018.9
cg03774463	2.56E-10	1.93E-11	7.13	15.0947733	1.53E-01	96636616	96636739	NC_000007.13
cg21983192	2.56E-10	1.93E-11	7.13	15.0940898	5.83E-02	28935651	28935774	NC_000018.9
cg13096405	2.56E-10	1.93E-11	7.13	15.0934207	6.52E-02	1120954	1121077	NC_000011.9
cg09705456	2.57E-10	1.94E-11	7.13	15.0919275	1.25E-01	63839479	63839602	NC_000011.9
cg02229261	2.58E-10	1.94E-11	7.13	15.0883606	1.34E-01	52222431	52222554	NC_000019.9
cg04866029	2.58E-10	1.95E-11	7.13	15.0875995	6.98E-02	2707161	2707284	NC_000001.10
cg13187764	2.58E-10	1.95E-11	7.13	15.0873632	2.21E-01	28677521	28677644	NC_000006.11
cg13546514	2.58E-10	1.95E-11	7.13	15.0867189	8.97E-02	9712113	9712236	NC_000003.11

cg10108296	2.58E-10	1.95E-11	7.13	15.0866466	1.42E-01	30139592	30139715	NC_000006.11
cg07962143	2.58E-10	1.95E-11	7.13	15.0853053	1.99E-01	57149436	57149559	NC_000019.9
cg03421195	2.59E-10	1.96E-11	7.12	15.0815536	1.80E-01	7517215	7517338	NC_000010.10
cg08284926	2.60E-10	1.97E-11	7.12	15.0773749	1.03E-01	134826760	134826883	NC_000010.10
cg05852143	2.60E-10	1.97E-11	7.12	15.0765803	1.85E-01	5540116	5540239	NC_000012.11
cg11824639	2.61E-10	1.97E-11	7.12	15.0759615	1.69E-01	67218080	67218203	NC_000001.10
cg23662142	2.61E-10	1.97E-11	7.12	15.0754643	1.60E-01	55199914	55200037	NC_000020.10
cg12226948	2.61E-10	1.97E-11	7.12	15.0752349	1.38E-01	153504453	153504576	NC_000002.11
cg15897102	2.61E-10	1.97E-11	7.12	15.0750139	1.26E-01	115677211	115677334	NC_000001.10
cg02318784	2.61E-10	1.97E-11	7.12	15.0739003	1.52E-01	27213174	27213297	NC_000015.9
cg21127068	2.61E-10	1.97E-11	7.12	15.0735029	1.58E-01	147124417	147124540	NC_000003.11
cg26647200	2.61E-10	1.97E-11	7.12	15.0734901	8.48E-02	2482775	2482898	NC_000016.9
cg01489177	2.61E-10	1.97E-11	7.12	15.073336	8.07E-02	55828178	55828301	NC_000019.9
cg13723431	2.62E-10	1.98E-11	7.12	15.0684798	1.13E-01	1444395	1444518	NC_000005.9
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cg07537370	2.63E-10	1.99E-11	7.12	15.0658498	1.06E-01	27531124	27531247	NC_000002.11
cg14515032	2.63E-10	1.99E-11	7.12	15.0652029	7.26E-02	2900269	2900392	NC_000017.10
cg20710709	2.64E-10	2.00E-11	7.12	15.0623071	1.40E-01	37135671	37135794	NC_000014.8
cg14144305	2.64E-10	2.00E-11	7.12	15.0615724	1.27E-01	44325960	44326083	NC_000011.9
cg07612928	2.64E-10	2.00E-11	7.12	15.0613405	1.11E-01	51956044	51956167	NC_000014.8

cg15140798	2.64E-10	2.00E-11	7.12	15.0606877	1.16E-01	46782485	46782608	NC_000021.8
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cg21678377	2.65E-10	2.00E-11	7.12	15.0594646	2.50E-01	115919009	115919132	NC_000002.11
cg13828758	2.65E-10	2.00E-11	7.12	15.0592804	8.96E-02	23932373	23932496	NC_000015.9
cg00527489	2.65E-10	2.00E-11	7.12	15.0588972	2.02E-01	214360954	214361077	NC_000001.10
cg25724837	2.65E-10	2.01E-11	7.12	15.0574962	3.63E-02	123493091	123493214	NC_000010.10
cg16828491	2.65E-10	2.01E-11	7.12	15.0568813	1.05E-01	8230829	8230952	NC_000004.11
cg09451457	2.66E-10	2.01E-11	7.12	15.0552776	1.60E-01	87440246	87440369	NC_000005.9
cg20892492	2.66E-10	2.01E-11	7.12	15.0551827	9.67E-02	129300912	129301035	NC_000004.11
cg05131483	2.66E-10	2.01E-11	7.12	15.0549321	1.67E-01	23706242	23706365	NC_000016.9
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cg15057046	2.66E-10	2.02E-11	7.12	15.0522104	5.81E-02	4483078	4483201	NC_000006.11
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cg26124318	2.67E-10	2.02E-11	7.12	15.0490222	1.84E-01	38965122	38965245	NC_000008.10
cg21069500	2.67E-10	2.02E-11	7.12	15.0487891	1.12E-01	139050159	139050282	NC_000005.9
cg17864046	2.67E-10	2.03E-11	7.12	15.0485966	1.52E-01	166422341	166422464	NC_000006.11
cg25655234	2.67E-10	2.03E-11	7.12	15.0483028	1.96E-01	7194841	7194964	NC_000004.11
cg02662277	2.68E-10	2.03E-11	7.12	15.0476638	1.61E-01	60936383	60936506	NC_000010.10
cg03634394	2.68E-10	2.03E-11	7.12	15.0453539	6.50E-02	16144375	16144498	NC_000019.9
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cg06997259	2.68E-10	2.03E-11	7.12	15.0447458	7.51E-02	235956326	235956449	NC_000002.11
cg19916212	2.68E-10	2.03E-11	7.12	15.0440533	2.24E-01	78493203	78493326	NC_000013.10
cg09092054	2.69E-10	2.04E-11	7.12	15.0423958	2.15E-01	19511987	19512110	NC_000022.10

cg06554200	2.69E-10	2.04E-11	7.12	15.0423833	1.45E-01	1270134	1270257	NC_000007.13
cg25829961	2.69E-10	2.04E-11	7.12	15.0420746	6.43E-02	46900754	46900877	NC_000021.8
cg07636952	2.69E-10	2.04E-11	7.12	15.0420616	5.68E-02	124596397	124596520	NC_000010.10
cg26014905	2.69E-10	2.04E-11	7.12	15.0419832	3.07E-02	50601263	50601386	NC_000003.11
cg08797892	2.70E-10	2.04E-11	7.12	15.039553	2.98E-02	119885187	119885310	NC_000003.11
cg27474175	2.70E-10	2.05E-11	7.12	15.0376825	1.50E-01	80363992	80364115	NC_000015.9
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cg23760687	2.73E-10	2.07E-11	7.12	15.027494	1.44E-01	25621735	25621858	NC_000013.10
cg12728097	2.73E-10	2.07E-11	7.12	15.0269148	8.37E-02	28154501	28154624	NC_000001.10
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cg11346837	2.76E-10	2.10E-11	7.11	15.0135552	1.67E-01	147077671	147077794	NC_000003.11
cg15444648	2.76E-10	2.10E-11	7.11	15.0134867	1.51E-01	92907851	92907974	NC_000005.9
cg07057434	2.76E-10	2.10E-11	7.11	15.0133873	5.65E-02	70372625	70372748	NC_000008.10
cg27318318	2.77E-10	2.10E-11	7.11	15.0129865	1.37E-01	44332849	44332972	NC_000011.9
cg14150751	2.77E-10	2.10E-11	7.11	15.0129614	5.72E-02	76341733	76341856	NC_000006.11
cg25349034	2.77E-10	2.10E-11	7.11	15.0127444	9.24E-02	149265300	149265423	NC_000003.11
cg27315742	2.77E-10	2.10E-11	7.11	15.012664	1.67E-01	117586681	117586804	NC_000006.11

cg24216555	2.77E-10	2.10E-11	7.11	15.0112264	1.26E-01	55814143	55814266	NC_000019.9
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cg01785568	2.79E-10	2.12E-11	7.11	15.0027742	1.29E-01	4864833	4864956	NC_000004.11
cg11800117	2.80E-10	2.13E-11	7.11	15.0006057	1.43E-01	93270375	93270498	NC_000011.9
cg22177309	2.80E-10	2.13E-11	7.11	15.000099	8.04E-02	48260285	48260408	NC_000019.9
cg08014499	2.80E-10	2.13E-11	7.11	14.9987292	1.33E-01	2162545	2162668	NC_000011.9
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cg26922697	2.81E-10	2.14E-11	7.11	14.9959781	8.82E-02	33284542	33284665	NC_000006.11
cg26829322	2.81E-10	2.14E-11	7.11	14.9948017	1.49E-01	11713867	11713990	NC_000001.10
cg09353985	2.82E-10	2.14E-11	7.11	14.9922958	8.34E-02	207062674	207062797	NC_000001.10
cg10471437	2.82E-10	2.15E-11	7.11	14.9912811	2.78E-01	28074462	28074585	NC_000016.9
cg22909138	2.82E-10	2.15E-11	7.11	14.990817	2.51E-02	79803493	79803616	NC_000017.10
cg16931822	2.82E-10	2.15E-11	7.11	14.9907463	8.35E-02	66475150	66475273	NC_000003.11
cg27053763	2.83E-10	2.15E-11	7.11	14.9881473	3.00E-02	180653815	180653938	NC_000005.9
cg14483771	2.83E-10	2.15E-11	7.11	14.9877368	5.61E-02	134998463	134998586	NC_000010.10
cg14884793	2.83E-10	2.16E-11	7.11	14.987348	1.58E-01	109148553	109148676	NC_000013.10
cg12995800	2.84E-10	2.16E-11	7.11	14.9863174	1.96E-01	151304312	151304435	NC_000005.9
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cg05375728	2.84E-10	2.16E-11	7.11	14.9852549	2.10E-01	58715539	58715662	NC_000001.10



cg04008601	2.84E-10	2.16E-11	7.11	14.9845479	1.68E-01	103696126	103696249	NC_000012.11
cg17062917	2.84E-10	2.16E-11	7.11	14.983113	4.65E-02	70054539	70054662	NC_000015.9
cg00716257	2.85E-10	2.16E-11	7.11	14.9829854	1.73E-01	75897417	75897540	NC_000014.8
cg18262937	2.85E-10	2.17E-11	7.11	14.9811761	8.72E-02	17002291	17002414	NC_000022.10
cg01586959	2.85E-10	2.17E-11	7.11	14.97969	1.80E-01	86541607	86541730	NC_000016.9
cg12796916	2.85E-10	2.17E-11	7.11	14.9796887	5.73E-02	67471698	67471821	NC_000011.9
cg25623524	2.85E-10	2.17E-11	7.11	14.9793477	1.25E-01	58862063	58862186	NC_000019.9
cg12926938	2.86E-10	2.18E-11	7.11	14.9777191	2.01E-01	93114150	93114273	NC_000008.10
cg09854011	2.86E-10	2.18E-11	7.11	14.9767101	1.89E-01	17907024	17907147	NC_000001.10
cg05327835	2.86E-10	2.18E-11	7.11	14.9762885	2.36E-01	996175	996298	NC_000004.11
cg07416237	2.86E-10	2.18E-11	7.11	14.9761007	1.13E-01	100548078	100548201	NC_000013.10
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cg22534621	2.87E-10	2.19E-11	7.11	14.9735812	1.09E-01	82276730	82276853	NC_000001.10
cg14230397	2.87E-10	2.19E-11	7.11	14.9735229	1.72E-01	46799986	46800109	NC_000017.10
cg24937675	2.87E-10	2.19E-11	7.11	14.9729927	1.46E-01	134639482	134639605	NC_000006.11
cg27583671	2.88E-10	2.19E-11	7.11	14.9701776	7.63E-02	151670624	151670747	NC_000006.11
cg07883722	2.88E-10	2.19E-11	7.11	14.9700159	3.58E-02	95246404	95246527	NC_000005.9
cg24920126	2.88E-10	2.20E-11	7.1	14.9690904	8.58E-02	5087266	5087389	NC_000006.11
cg05707655	2.88E-10	2.20E-11	7.1	14.9685995	1.55E-01	908690	908813	NC_000017.10
cg19752627	2.89E-10	2.20E-11	7.1	14.9675557	2.52E-01	98467380	98467503	NC_000007.13
cg12459280	2.89E-10	2.20E-11	7.1	14.9667102	4.59E-02	36165083	36165206	NC_000021.8
cg07839533	2.90E-10	2.21E-11	7.1	14.964459	2.16E-01	63257885	63258008	NC_000005.9
cg08119884	2.90E-10	2.21E-11	7.1	14.9619637	1.98E-01	79739863	79739986	NC_000002.11
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cg01937068	2.91E-10	2.22E-11	7.1	14.9599572	1.72E-01	156406349	156406472	NC_000001.10

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cg24024424	2.91E-10	2.22E-11	7.1	14.9581228	1.39E-01	140858046	140858169	NC_000005.9
cg18468394	2.92E-10	2.22E-11	7.1	14.9567936	1.38E-01	170736021	170736144	NC_000005.9
cg06293049	2.92E-10	2.22E-11	7.1	14.9564564	3.70E-02	53622101	53622224	NC_000012.11
cg13119928	2.92E-10	2.22E-11	7.1	14.9562217	6.60E-02	53228661	53228784	NC_000012.11
cg02723372	2.92E-10	2.23E-11	7.1	14.955146	4.61E-02	25228582	25228705	NC_000001.10
cg03677056	2.93E-10	2.23E-11	7.1	14.9539916	1.51E-01	33817217	33817340	NC_000017.10
cg26800786	2.93E-10	2.23E-11	7.1	14.9522101	1.54E-01	105922059	105922182	NC_000011.9
cg10157251	2.93E-10	2.24E-11	7.1	14.9505559	1.71E-01	89914608	89914731	NC_000015.9
cg20648149	2.94E-10	2.24E-11	7.1	14.949094	1.42E-01	64319089	64319212	NC_000014.8
cg12341314	2.94E-10	2.24E-11	7.1	14.9486051	1.18E-01	229568467	229568590	NC_000001.10
cg01910869	2.94E-10	2.24E-11	7.1	14.9484988	1.52E-01	78493182	78493305	NC_000013.10
cg08464003	2.94E-10	2.24E-11	7.1	14.9474925	1.52E-01	139623012	139623135	NC_000005.9
cg18221336	2.95E-10	2.25E-11	7.1	14.9464241	5.52E-02	31215287	31215410	NC_000001.10
cg24394631	2.95E-10	2.25E-11	7.1	14.9459983	1.59E-01	43863000	43863123	NC_000017.10
cg13450944	2.95E-10	2.25E-11	7.1	14.9448379	1.24E-01	66533056	66533179	NC_000003.11
cg17528559	2.96E-10	2.25E-11	7.1	14.9432192	6.92E-02	113571025	113571148	NC_000002.11
cg07232003	2.96E-10	2.25E-11	7.1	14.9431549	1.54E-01	28971331	28971454	NC_000010.10
cg22522939	2.96E-10	2.26E-11	7.1	14.94263	7.96E-02	144210636	144210759	NC_000008.10
cg18597940	2.96E-10	2.26E-11	7.1	14.9400839	7.00E-02	76327105	76327228	NC_000014.8
cg11465466	2.97E-10	2.26E-11	7.1	14.9386978	1.23E-01	39549192	39549315	NC_000017.10
cg22378717	2.97E-10	2.27E-11	7.1	14.9369528	6.14E-02	143200284	143200407	NC_000008.10
cg24171907	2.98E-10	2.27E-11	7.1	14.9356586	2.55E-01	68546579	68546702	NC_000002.11

cg14102880	2.98E-10	2.27E-11	7.1	14.9349365	1.09E-01	915634	915757	NC_000017.10
cg24161501	2.98E-10	2.28E-11	7.1	14.9340105	1.58E-01	67218275	67218398	NC_000001.10
cg07760204	2.98E-10	2.28E-11	7.1	14.933389	1.56E-01	147576547	147576670	NC_000004.11
cg14641018	2.99E-10	2.28E-11	7.1	14.9318378	5.35E-02	42676114	42676237	NC_000021.8
cg04607032	2.99E-10	2.28E-11	7.1	14.9301706	6.07E-02	75503069	75503192	NC_000017.10
cg06571387	3.01E-10	2.30E-11	7.1	14.9243321	1.25E-01	176964101	176964224	NC_000002.11
cg11788234	3.02E-10	2.31E-11	7.1	14.9209908	1.69E-01	29393811	29393934	NC_000013.10
cg13833437	3.02E-10	2.31E-11	7.1	14.9209074	1.12E-01	27531236	27531359	NC_000002.11
cg13694749	3.03E-10	2.31E-11	7.1	14.9177149	1.06E-01	62050038	62050161	NC_000017.10
cg04350645	3.03E-10	2.31E-11	7.1	14.9171542	1.01E-01	26620797	26620920	NC_000013.10
cg01733599	3.03E-10	2.31E-11	7.1	14.9171183	1.50E-01	58723851	58723974	NC_000015.9
cg13389958	3.03E-10	2.32E-11	7.1	14.9167743	1.34E-01	27280924	27281047	NC_000007.13
cg21757872	3.04E-10	2.32E-11	7.1	14.9154717	1.18E-01	107974453	107974576	NC_000012.11
cg20964248	3.04E-10	2.32E-11	7.1	14.914632	1.80E-01	111564787	111564910	NC_000011.9
cg19671533	3.04E-10	2.32E-11	7.1	14.9138539	1.56E-01	84419234	84419357	NC_000006.11
cg14218542	3.04E-10	2.32E-11	7.1	14.9133927	9.91E-02	134853281	134853404	NC_000010.10
cg14559422	3.04E-10	2.32E-11	7.1	14.9129682	9.26E-02	26148138	26148261	NC_000001.10
cg13784080	3.05E-10	2.33E-11	7.09	14.9108465	2.03E-01	57275413	57275536	NC_000014.8
cg21339581	3.05E-10	2.33E-11	7.09	14.9100304	6.10E-02	1800987	1801110	NC_000004.11
cg26714129	3.05E-10	2.33E-11	7.09	14.909836	9.00E-02	142310710	142310833	NC_000008.10
cg15637465	3.05E-10	2.33E-11	7.09	14.9097782	2.07E-01	168728270	168728393	NC_000005.9
cg07927072	3.05E-10	2.33E-11	7.09	14.9092366	7.71E-02	28117087	28117210	NC_000002.11
cg22345692	3.06E-10	2.34E-11	7.09	14.9086303	1.45E-01	32712879	32713002	NC_000005.9
cg22143289	3.06E-10	2.34E-11	7.09	14.9075046	1.84E-01	30019898	30020021	NC_000019.9
cg25482132	3.06E-10	2.34E-11	7.09	14.9072546	5.99E-02	41873172	41873295	NC_000006.11

cg02936553	3.06E-10	2.34E-11	7.09	14.9058944	9.05E-02	3134745	3134868	NC_000017.10
cg14499413	3.07E-10	2.34E-11	7.09	14.9051966	1.82E-01	10749947	10750070	NC_000003.11
cg27328839	3.07E-10	2.35E-11	7.09	14.9034628	9.31E-02	79679462	79679585	NC_000010.10
cg03927893	3.07E-10	2.35E-11	7.09	14.9025612	2.01E-01	17850130	17850253	NC_000022.10
cg02524954	3.08E-10	2.35E-11	7.09	14.901013	1.21E-01	32454964	32455087	NC_000011.9
cg17400476	3.09E-10	2.36E-11	7.09	14.8978914	1.83E-01	27231491	27231614	NC_000007.13
cg22874988	3.10E-10	2.37E-11	7.09	14.8947495	1.78E-01	111451090	111451213	NC_000003.11
cg21346679	3.10E-10	2.37E-11	7.09	14.8934304	1.14E-01	169888373	169888496	NC_000002.11
cg25970832	3.11E-10	2.38E-11	7.09	14.8906071	1.69E-01	28621651	28621774	NC_000018.9
cg06181518	3.11E-10	2.38E-11	7.09	14.8898654	2.39E-01	133562196	133562319	NC_000006.11
cg11107116	3.11E-10	2.38E-11	7.09	14.8896384	1.00E-01	100804081	100804204	NC_000015.9
cg21117426	3.11E-10	2.38E-11	7.09	14.8895976	7.38E-02	126162682	126162805	NC_000011.9
cg23831876	3.12E-10	2.39E-11	7.09	14.8871085	1.29E-01	65225988	65226111	NC_000002.11
cg16486132	3.12E-10	2.39E-11	7.09	14.8867194	8.58E-02	74400946	74401069	NC_000016.9
cg18100702	3.12E-10	2.39E-11	7.09	14.8855653	1.45E-01	3600572	3600695	NC_000005.9
cg01464484	3.13E-10	2.39E-11	7.09	14.884992	7.52E-02	67089352	67089475	NC_000011.9
cg07347645	3.13E-10	2.39E-11	7.09	14.8846074	8.97E-02	58507171	58507294	NC_000020.10
cg08222293	3.13E-10	2.39E-11	7.09	14.8840753	7.02E-02	180628689	180628812	NC_000005.9
cg10601940	3.13E-10	2.40E-11	7.09	14.8817581	1.29E-01	223159305	223159428	NC_000002.11
cg05724240	3.13E-10	2.40E-11	7.09	14.8817426	4.60E-02	134822001	134822124	NC_000010.10
cg02487987	3.14E-10	2.40E-11	7.09	14.8803802	1.16E-01	52153575	52153698	NC_000005.9
cg17214502	3.14E-10	2.41E-11	7.09	14.8791224	2.19E-01	4869172	4869295	NC_000004.11
cg05537653	3.14E-10	2.41E-11	7.09	14.8791206	1.34E-01	47612070	47612193	NC_000011.9
cg02149965	3.14E-10	2.41E-11	7.09	14.8787226	1.10E-01	30883203	30883326	NC_000006.11
cg19771465	3.15E-10	2.41E-11	7.09	14.8759439	1.68E-01	237145587	237145710	NC_000002.11

cg24252708	3.15E-10	2.41E-11	7.09	14.8758103	2.78E-02	32046663	32046786	NC_000006.11
cg01461410	3.16E-10	2.42E-11	7.09	14.874669	1.96E-01	85473773	85473896	NC_000006.11
cg06878741	3.16E-10	2.42E-11	7.09	14.8744287	1.58E-01	601349	601472	NC_000007.13
cg10422233	3.16E-10	2.42E-11	7.09	14.872375	1.17E-01	103565915	103566038	NC_000014.8
cg05926722	3.16E-10	2.42E-11	7.09	14.8715474	1.41E-01	26674202	26674325	NC_000014.8
cg01410314	3.17E-10	2.43E-11	7.09	14.870844	1.45E-01	77641437	77641560	NC_000009.11
cg16206813	3.17E-10	2.43E-11	7.09	14.8686713	1.90E-01	3122162	3122285	NC_000005.9
cg07369094	3.18E-10	2.43E-11	7.09	14.8676294	1.10E-01	107471174	107471297	NC_000005.9
cg01569346	3.18E-10	2.44E-11	7.09	14.8673676	1.08E-01	32064148	32064271	NC_000006.11
cg07642499	3.18E-10	2.44E-11	7.09	14.8650832	1.45E-01	69957602	69957725	NC_000011.9
cg06115835	3.19E-10	2.44E-11	7.09	14.864721	5.47E-02	110259173	110259296	NC_000002.11
cg05455234	3.19E-10	2.44E-11	7.09	14.8637346	3.31E-02	47847919	47848042	NC_000021.8
cg00457403	3.19E-10	2.45E-11	7.09	14.8628385	1.75E-01	187387734	187387857	NC_000003.11
cg14062977	3.19E-10	2.45E-11	7.09	14.8620348	1.11E-01	135380213	135380336	NC_000009.11
cg26582803	3.20E-10	2.45E-11	7.09	14.8609471	4.48E-02	32259626	32259749	NC_000020.10
cg00904966	3.20E-10	2.45E-11	7.09	14.8599356	2.31E-01	1122937	1123060	NC_000016.9
cg12528713	3.20E-10	2.46E-11	7.09	14.8593552	1.98E-01	81187605	81187728	NC_000004.11
cg15245038	3.20E-10	2.46E-11	7.09	14.8590627	2.55E-02	138917011	138917134	NC_000006.11
cg26454433	3.21E-10	2.46E-11	7.09	14.8576714	1.28E-01	237084695	237084818	NC_000002.11
cg18516833	3.21E-10	2.46E-11	7.09	14.8574866	6.44E-02	57350313	57350436	NC_000019.9
cg23556443	3.21E-10	2.46E-11	7.08	14.8564003	1.80E-01	11148776	11148899	NC_000018.9
cg22398259	3.21E-10	2.47E-11	7.08	14.8550427	6.36E-02	144255688	144255811	NC_000008.10
cg13816321	3.22E-10	2.47E-11	7.08	14.853752	1.61E-01	973198	973321	NC_000009.11
cg00781110	3.22E-10	2.47E-11	7.08	14.8535364	1.76E-01	74421535	74421658	NC_000015.9
cg11236727	3.22E-10	2.47E-11	7.08	14.8526554	2.26E-01	119609592	119609715	NC_000002.11

cg18759960	3.22E-10	2.47E-11	7.08	14.8520345	1.71E-01	23481776	23481899	NC_000010.10
cg02345991	3.23E-10	2.48E-11	7.08	14.8509539	2.06E-01	119418676	119418799	NC_000012.11
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cg18565783	3.23E-10	2.48E-11	7.08	14.8500129	1.82E-01	57390704	57390827	NC_000010.10
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cg26938561	3.24E-10	2.49E-11	7.08	14.8472714	1.41E-01	22193724	22193847	NC_000019.9
cg21389119	3.24E-10	2.49E-11	7.08	14.8468401	1.02E-01	202848791	202848914	NC_000002.11
cg04741853	3.24E-10	2.49E-11	7.08	14.8463524	2.50E-01	44037189	44037312	NC_000003.11
cg25148589	3.24E-10	2.49E-11	7.08	14.8460757	1.41E-01	158141936	158142059	NC_000004.11
cg26043460	3.24E-10	2.49E-11	7.08	14.8459938	1.15E-01	39593631	39593754	NC_000017.10
cg05701791	3.25E-10	2.50E-11	7.08	14.8434236	1.46E-01	97172825	97172948	NC_000008.10
cg06633061	3.25E-10	2.50E-11	7.08	14.8431269	1.52E-01	57261601	57261724	NC_000014.8
cg12400664	3.25E-10	2.50E-11	7.08	14.8423169	5.34E-02	31779521	31779644	NC_000006.11
cg25678815	3.25E-10	2.50E-11	7.08	14.8422758	2.09E-01	85673915	85674038	NC_000012.11
cg08313393	3.25E-10	2.50E-11	7.08	14.8422477	1.28E-01	216637593	216637716	NC_000002.11
cg19883384	3.25E-10	2.50E-11	7.08	14.841726	1.81E-01	25905478	25905601	NC_000008.10
cg06593507	3.26E-10	2.51E-11	7.08	14.8394546	1.35E-01	5290324	5290447	NC_000016.9
cg25617725	3.26E-10	2.51E-11	7.08	14.8392058	1.54E-01	118033290	118033413	NC_000010.10
cg24354101	3.26E-10	2.51E-11	7.08	14.8390893	1.56E-01	124383535	124383658	NC_000003.11
cg05990479	3.27E-10	2.51E-11	7.08	14.8375472	7.61E-02	50575784	50575907	NC_000005.9
cg18395499	3.27E-10	2.51E-11	7.08	14.8366359	1.04E-01	149194510	149194633	NC_000001.10
cg15134033	3.28E-10	2.52E-11	7.08	14.8345389	1.23E-01	10274415	10274538	NC_000016.9
cg13952556	3.28E-10	2.52E-11	7.08	14.8343709	1.66E-01	109294044	109294167	NC_000011.9
cg14548272	3.28E-10	2.52E-11	7.08	14.8326521	1.59E-01	99961122	99961245	NC_000008.10
cg17543296	3.29E-10	2.53E-11	7.08	14.8314379	1.86E-01	20880378	20880501	NC_000001.10

cg00803088	3.29E-10	2.53E-11	7.08	14.8307175	2.72E-01	43600706	43600829	NC_000010.10
cg10429922	3.29E-10	2.53E-11	7.08	14.8293918	1.37E-01	33010143	33010266	NC_000015.9
cg07493435	3.29E-10	2.53E-11	7.08	14.8292268	9.41E-02	128556140	128556263	NC_000007.13
cg07102705	3.30E-10	2.54E-11	7.08	14.8262819	1.98E-01	148033896	148034019	NC_000005.9
cg02840199	3.30E-10	2.54E-11	7.08	14.8259415	1.11E-01	4165257	4165380	NC_000016.9
cg25182716	3.31E-10	2.54E-11	7.08	14.8240784	7.91E-02	13622875	13622998	NC_000020.10
cg15810859	3.31E-10	2.55E-11	7.08	14.8233482	3.65E-02	127628206	127628329	NC_000007.13
cg09231862	3.31E-10	2.55E-11	7.08	14.8232325	2.05E-01	29235376	29235499	NC_000014.8
cg17725019	3.31E-10	2.55E-11	7.08	14.8226189	3.08E-02	31677931	31678054	NC_000022.10
cg05584235	3.31E-10	2.55E-11	7.08	14.8225737	5.97E-02	111183275	111183398	NC_000002.11
cg06760710	3.32E-10	2.55E-11	7.08	14.8215888	1.67E-01	46692008	46692131	NC_000017.10
cg17852221	3.32E-10	2.55E-11	7.08	14.821242	8.50E-02	140263655	140263778	NC_000005.9
cg10601616	3.32E-10	2.56E-11	7.08	14.8194711	2.20E-01	106400702	106400825	NC_000010.10
cg22899100	3.33E-10	2.56E-11	7.08	14.8187918	2.52E-01	23462237	23462360	NC_000010.10
cg01811325	3.33E-10	2.57E-11	7.08	14.8159161	1.22E-01	131757672	131757795	NC_000010.10
cg13260278	3.34E-10	2.57E-11	7.08	14.8149637	6.64E-02	121265587	121265710	NC_000010.10
cg26235490	3.34E-10	2.57E-11	7.08	14.8140688	1.08E-01	1047567	1047690	NC_000017.10
cg25707805	3.34E-10	2.57E-11	7.08	14.8138874	1.11E-01	113285387	113285510	NC_000001.10
cg20974609	3.34E-10	2.57E-11	7.08	14.8129147	1.50E-01	27181671	27181794	NC_000007.13
cg02502025	3.35E-10	2.58E-11	7.08	14.8115121	1.13E-01	42151282	42151405	NC_000004.11
cg13536757	3.35E-10	2.58E-11	7.08	14.8112186	1.95E-01	185463583	185463706	NC_000002.11
cg14094983	3.35E-10	2.58E-11	7.08	14.8106454	1.65E-01	8482099	8482222	NC_000007.13
cg24263062	3.35E-10	2.58E-11	7.08	14.8104279	1.39E-01	2730191	2730314	NC_000020.10
cg03662064	3.35E-10	2.58E-11	7.08	14.8098992	1.67E-01	29069888	29070011	NC_000013.10
cg03819089	3.36E-10	2.59E-11	7.08	14.8071987	1.09E-01	66298217	66298340	NC_000002.11

cg05484508	3.36E-10	2.59E-11	7.08	14.8071353	4.26E-02	89589025	89589148	NC_000016.9
cg24605023	3.36E-10	2.59E-11	7.08	14.8069483	1.05E-01	62654733	62654856	NC_000003.11
cg00027114	3.37E-10	2.60E-11	7.08	14.8046586	1.61E-01	42740486	42740609	NC_000007.13
cg17775765	3.37E-10	2.60E-11	7.08	14.8044707	8.87E-02	95354021	95354144	NC_000013.10
cg21998983	3.37E-10	2.60E-11	7.08	14.8042209	1.89E-01	154727925	154728048	NC_000002.11
cg12980692	3.38E-10	2.60E-11	7.08	14.8024061	1.62E-01	51142613	51142736	NC_000019.9
cg17783244	3.38E-10	2.60E-11	7.08	14.8018856	1.24E-01	31738549	31738672	NC_000022.10
cg06491139	3.38E-10	2.60E-11	7.08	14.8012317	2.87E-02	74467828	74467951	NC_000017.10
cg12494277	3.38E-10	2.61E-11	7.08	14.8008231	4.35E-02	9514840	9514963	NC_000004.11
cg08274518	3.38E-10	2.61E-11	7.08	14.8003426	8.34E-02	33758023	33758146	NC_000003.11
cg04506928	3.39E-10	2.61E-11	7.07	14.7992273	8.76E-02	31647876	31647999	NC_000013.10
cg20415809	3.39E-10	2.61E-11	7.07	14.799192	2.35E-01	182321855	182321978	NC_000002.11
cg21636168	3.39E-10	2.61E-11	7.07	14.7976998	3.98E-02	61914232	61914355	NC_000011.9
cg21833107	3.40E-10	2.62E-11	7.07	14.7962776	4.83E-02	194057457	194057580	NC_000003.11
cg19266635	3.40E-10	2.62E-11	7.07	14.7948293	1.87E-01	46776389	46776512	NC_000012.11
cg07680965	3.40E-10	2.62E-11	7.07	14.7939929	8.51E-02	41563429	41563552	NC_000008.10
cg27563985	3.40E-10	2.62E-11	7.07	14.7939108	1.95E-01	54580677	54580800	NC_000020.10
cg03671700	3.41E-10	2.63E-11	7.07	14.7932766	1.51E-01	62068673	62068796	NC_000016.9
cg22983290	3.41E-10	2.63E-11	7.07	14.7925829	4.92E-02	134593727	134593850	NC_000010.10
cg14331316	3.41E-10	2.63E-11	7.07	14.7910259	1.14E-01	99139396	99139519	NC_000009.11
cg20712263	3.42E-10	2.64E-11	7.07	14.7894855	1.85E-01	131438527	131438650	NC_000012.11
cg24530041	3.42E-10	2.64E-11	7.07	14.7891693	1.49E-01	90349551	90349674	NC_000015.9
cg07335294	3.42E-10	2.64E-11	7.07	14.788752	2.09E-01	84417933	84418056	NC_000006.11
cg05007697	3.42E-10	2.64E-11	7.07	14.7885907	1.03E-01	169718132	169718255	NC_000006.11
cg09195198	3.43E-10	2.64E-11	7.07	14.7873864	2.05E-01	86602083	86602206	NC_000016.9



cg05499272	3.43E-10	2.64E-11	7.07	14.7872624	6.64E-02	32020587	32020710	NC_000006.11
cg17611193	3.43E-10	2.64E-11	7.07	14.7866375	1.57E-01	35395942	35396065	NC_000019.9
cg13877260	3.43E-10	2.64E-11	7.07	14.7862782	3.14E-02	105885896	105886019	NC_000002.11
cg25853960	3.43E-10	2.65E-11	7.07	14.785494	9.74E-02	34650841	34650964	NC_000013.10
cg17222500	3.44E-10	2.65E-11	7.07	14.7834216	1.56E-01	85306741	85306864	NC_000012.11
cg05100846	3.44E-10	2.65E-11	7.07	14.7826664	6.66E-02	102647731	102647854	NC_000014.8
cg12180613	3.45E-10	2.66E-11	7.07	14.7807083	1.21E-01	132158560	132158683	NC_000005.9
cg17772028	3.46E-10	2.67E-11	7.07	14.7780745	2.20E-01	61806651	61806774	NC_000020.10
cg18538958	3.46E-10	2.67E-11	7.07	14.7777548	1.80E-01	104640662	104640785	NC_000004.11
cg22185643	3.46E-10	2.67E-11	7.07	14.7767952	9.46E-02	72961	73084	NC_000009.11
cg12152384	3.47E-10	2.68E-11	7.07	14.7743838	1.59E-01	47164566	47164689	NC_000012.11
cg09107912	3.47E-10	2.68E-11	7.07	14.7740169	2.08E-01	159590059	159590182	NC_000006.11
cg07893575	3.47E-10	2.68E-11	7.07	14.7738798	1.35E-01	65289751	65289874	NC_000008.10
cg03532037	3.47E-10	2.68E-11	7.07	14.7726913	9.30E-02	106959205	106959328	NC_000002.11
cg03682421	3.49E-10	2.69E-11	7.07	14.7681386	1.55E-01	14320549	14320672	NC_000019.9
cg02743342	3.49E-10	2.70E-11	7.07	14.7676516	1.36E-01	126984564	126984687	NC_000005.9
cg25044651	3.49E-10	2.70E-11	7.07	14.7664936	1.18E-01	115298720	115298843	NC_000005.9
cg05544500	3.50E-10	2.70E-11	7.07	14.7662622	1.02E-01	54324346	54324469	NC_000016.9
cg11286436	3.50E-10	2.70E-11	7.07	14.7644738	1.68E-01	88798582	88798705	NC_000015.9
cg00126889	3.51E-10	2.71E-11	7.07	14.7620096	1.13E-01	42103037	42103160	NC_000008.10
cg12841525	3.51E-10	2.71E-11	7.07	14.7619545	5.60E-02	38953403	38953526	NC_000017.10
cg08667569	3.52E-10	2.72E-11	7.07	14.7601128	1.59E-01	147240402	147240525	NC_000005.9
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cg14051973	3.53E-10	2.73E-11	7.07	14.7563926	7.08E-02	1973545	1973668	NC_000011.9
cg24368848	3.53E-10	2.73E-11	7.07	14.756239	2.13E-01	58545160	58545283	NC_000019.9

cg10991599	3.54E-10	2.73E-11	7.07	14.7541051	1.38E-01	26506539	26506662	NC_000010.10
cg15180867	3.54E-10	2.73E-11	7.07	14.7539698	1.24E-01	591076	591199	NC_000020.10
cg02228403	3.54E-10	2.74E-11	7.07	14.7514368	9.72E-02	11522965	11523088	NC_000003.11
cg03182917	3.56E-10	2.75E-11	7.07	14.7482499	1.71E-01	176944601	176944724	NC_000002.11
cg16211684	3.56E-10	2.75E-11	7.07	14.7480884	1.82E-01	85954622	85954745	NC_000010.10
cg21007852	3.56E-10	2.75E-11	7.07	14.7473226	1.38E-01	27203546	27203669	NC_000007.13
cg19547319	3.56E-10	2.76E-11	7.07	14.7457612	1.45E-01	102987993	102988116	NC_000010.10
cg13356709	3.57E-10	2.76E-11	7.07	14.7451363	1.20E-01	35338762	35338885	NC_000005.9
cg11202634	3.57E-10	2.76E-11	7.07	14.7438758	7.86E-02	37184569	37184692	NC_000008.10
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cg03109101	3.58E-10	2.77E-11	7.06	14.7416644	1.37E-01	119305095	119305218	NC_000010.10
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cg06869796	3.58E-10	2.77E-11	7.06	14.7402623	7.89E-02	135412196	135412319	NC_000007.13
cg15292275	3.58E-10	2.77E-11	7.06	14.7397335	2.22E-01	109149011	109149134	NC_000013.10
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cg17418463	3.59E-10	2.78E-11	7.06	14.7380116	2.26E-01	35395541	35395664	NC_000001.10
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cg19628603	3.59E-10	2.78E-11	7.06	14.7368868	1.08E-01	32847596	32847719	NC_000006.11
cg25472589	3.60E-10	2.79E-11	7.06	14.7335898	1.33E-01	107995927	107996050	NC_000011.9
cg21973405	3.61E-10	2.79E-11	7.06	14.7325346	6.26E-02	54826547	54826670	NC_000005.9
cg21319323	3.62E-10	2.80E-11	7.06	14.7292537	1.81E-01	177001263	177001386	NC_000002.11
cg26866174	3.62E-10	2.81E-11	7.06	14.7280663	7.34E-02	71177163	71177286	NC_000010.10
cg18027632	3.63E-10	2.81E-11	7.06	14.7272226	3.69E-02	142278163	142278286	NC_000008.10
cg05667158	3.63E-10	2.81E-11	7.06	14.7271431	2.08E-01	4381890	4382013	NC_000012.11

cg08717880	3.63E-10	2.81E-11	7.06	14.7264015	1.39E-01	177014849	177014972	NC_000002.11
cg24740531	3.63E-10	2.81E-11	7.06	14.7254762	2.22E-01	60985732	60985855	NC_000018.9
cg26975086	3.64E-10	2.82E-11	7.06	14.7222631	1.73E-01	42533282	42533405	NC_000007.13
cg09231171	3.65E-10	2.82E-11	7.06	14.7220241	2.00E-01	49518414	49518537	NC_000016.9
cg03929570	3.66E-10	2.83E-11	7.06	14.7181226	1.16E-01	70484978	70485101	NC_000016.9
cg01622930	3.66E-10	2.84E-11	7.06	14.7178072	4.95E-02	3960266	3960389	NC_000004.11
cg09542210	3.66E-10	2.84E-11	7.06	14.7172672	2.01E-01	157821536	157821659	NC_000003.11
cg09775582	3.66E-10	2.84E-11	7.06	14.7164624	2.95E-01	45810865	45810988	NC_000017.10
cg16324314	3.67E-10	2.84E-11	7.06	14.7158249	1.35E-01	77480847	77480970	NC_000014.8
cg22369879	3.67E-10	2.84E-11	7.06	14.7155697	1.73E-01	137228636	137228759	NC_000003.11
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cg16543094	3.67E-10	2.85E-11	7.06	14.7133562	1.90E-01	20229517	20229640	NC_000011.9
cg22355517	3.67E-10	2.85E-11	7.06	14.713113	1.57E-01	20522674	20522797	NC_000012.11
cg20905516	3.68E-10	2.85E-11	7.06	14.7127949	2.49E-01	106889364	106889487	NC_000011.9
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cg14568217	3.70E-10	2.87E-11	7.06	14.7059801	1.98E-01	176057061	176057184	NC_000005.9
cg26132511	3.70E-10	2.87E-11	7.06	14.7059112	7.94E-02	38045143	38045266	NC_000006.11
cg22891500	3.70E-10	2.87E-11	7.06	14.705466	1.93E-01	23653996	23654119	NC_000019.9
cg00648020	3.71E-10	2.88E-11	7.06	14.7040475	9.79E-02	134992340	134992463	NC_000010.10
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cg19547547	3.71E-10	2.88E-11	7.06	14.7019233	1.04E-01	140166059	140166182	NC_000005.9
cg27440715	3.71E-10	2.88E-11	7.06	14.7018789	1.72E-01	165325169	165325292	NC_000001.10
cg04558424	3.73E-10	2.89E-11	7.06	14.6986215	9.56E-02	85743497	85743620	NC_000016.9

cg10397765	3.73E-10	2.89E-11	7.06	14.6980415	2.05E-01	61113109	61113232	NC_000014.8
cg16240162	3.74E-10	2.91E-11	7.06	14.6936348	1.70E-01	147106890	147107013	NC_000003.11
cg09986292	3.74E-10	2.91E-11	7.06	14.6935486	1.29E-01	13525605	13525728	NC_000004.11
cg00816406	3.75E-10	2.91E-11	7.06	14.6920864	1.94E-01	240286626	240286749	NC_000001.10
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cg11417701	3.75E-10	2.91E-11	7.06	14.6913485	1.48E-01	401311	401434	NC_000006.11
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cg04651781	3.76E-10	2.92E-11	7.06	14.6896597	1.77E-01	1398798	1398921	NC_000004.11
cg23337845	3.76E-10	2.92E-11	7.06	14.6896579	4.04E-02	170641374	170641497	NC_000004.11
cg13882665	3.78E-10	2.93E-11	7.05	14.6846958	6.21E-02	169560079	169560202	NC_000006.11
cg23627057	3.78E-10	2.94E-11	7.05	14.6833206	5.83E-02	140154394	140154517	NC_000007.13
cg18087672	3.78E-10	2.94E-11	7.05	14.6825066	2.03E-01	46824915	46825038	NC_000017.10
cg26692818	3.79E-10	2.94E-11	7.05	14.681644	6.01E-02	87108066	87108189	NC_000001.10
cg22704696	3.79E-10	2.94E-11	7.05	14.6815516	1.02E-01	47302476	47302599	NC_000017.10
cg07139946	3.80E-10	2.95E-11	7.05	14.6786805	8.87E-02	32037339	32037462	NC_000006.11
cg08312626	3.80E-10	2.95E-11	7.05	14.6784306	1.78E-01	27534137	27534260	NC_000006.11
cg17795158	3.80E-10	2.95E-11	7.05	14.6781169	1.69E-01	124908427	124908550	NC_000010.10
cg13067553	3.80E-10	2.95E-11	7.05	14.6774022	1.93E-01	147782452	147782575	NC_000001.10
cg06757662	3.80E-10	2.95E-11	7.05	14.6773679	1.83E-01	101924596	101924719	NC_000014.8
cg00992850	3.81E-10	2.96E-11	7.05	14.6758257	1.62E-01	25900703	25900826	NC_000007.13
cg01598007	3.81E-10	2.96E-11	7.05	14.6757299	1.02E-01	167063581	167063704	NC_000001.10
cg10890302	3.81E-10	2.96E-11	7.05	14.6746877	1.86E-01	32064246	32064369	NC_000006.11
cg00861610	3.82E-10	2.97E-11	7.05	14.6724159	1.36E-01	62065095	62065218	NC_000004.11
cg05843457	3.82E-10	2.97E-11	7.05	14.6718588	1.94E-01	158147849	158147972	NC_000001.10
cg23256459	3.83E-10	2.97E-11	7.05	14.6709341	6.05E-02	66713103	66713226	NC_000005.9

cg00493304	3.83E-10	2.98E-11	7.05	14.6705755	1.01E-01	48844908	48845031	NC_000002.11
cg25405962	3.84E-10	2.98E-11	7.05	14.66779	1.37E-01	9852785	9852908	NC_000001.10
cg26517663	3.84E-10	2.98E-11	7.05	14.6674372	1.61E-01	60295294	60295417	NC_000015.9
cg02615582	3.84E-10	2.99E-11	7.05	14.6670866	1.16E-01	49939549	49939672	NC_000019.9
cg20406528	3.84E-10	2.99E-11	7.05	14.6667948	6.70E-02	94980962	94981085	NC_000010.10
cg13634602	3.84E-10	2.99E-11	7.05	14.6656744	2.16E-01	76739226	76739349	NC_000018.9
cg16170346	3.85E-10	2.99E-11	7.05	14.6655773	1.09E-01	2424006	2424129	NC_000019.9
cg14197923	3.86E-10	3.00E-11	7.05	14.6622264	1.93E-01	81187906	81188029	NC_000004.11
cg13755204	3.86E-10	3.00E-11	7.05	14.6622026	1.02E-01	136844768	136844891	NC_000009.11
cg14978307	3.86E-10	3.00E-11	7.05	14.6621156	1.33E-01	155242684	155242807	NC_000007.13
cg06672163	3.86E-10	3.00E-11	7.05	14.6617395	9.93E-02	88455674	88455797	NC_000016.9
cg26657675	3.86E-10	3.00E-11	7.05	14.6615373	1.04E-01	85575407	85575530	NC_000016.9
cg00733780	3.86E-10	3.01E-11	7.05	14.6604924	2.11E-01	26505127	26505250	NC_000010.10
cg21749556	3.87E-10	3.01E-11	7.05	14.6600054	1.21E-01	51680555	51680678	NC_000007.13
cg03719026	3.87E-10	3.01E-11	7.05	14.6594305	3.48E-02	6619479	6619602	NC_000012.11
cg15122993	3.87E-10	3.01E-11	7.05	14.6590802	1.07E-01	140256817	140256940	NC_000005.9
cg13264183	3.87E-10	3.01E-11	7.05	14.6581605	7.60E-02	126194992	126195115	NC_000003.11
cg23306526	3.87E-10	3.01E-11	7.05	14.6581517	1.44E-01	45171583	45171706	NC_000002.11
cg03753331	3.87E-10	3.01E-11	7.05	14.6575673	2.30E-01	115919006	115919129	NC_000002.11
cg16698674	3.88E-10	3.02E-11	7.05	14.6572272	7.81E-02	230272358	230272481	NC_000001.10
cg07636117	3.88E-10	3.02E-11	7.05	14.6559427	1.37E-01	237072957	237073080	NC_000002.11
cg05315047	3.89E-10	3.03E-11	7.05	14.6540337	8.08E-02	137766727	137766850	NC_000003.11
cg20528583	3.89E-10	3.03E-11	7.05	14.6530732	2.03E-01	81187610	81187733	NC_000004.11
cg15726245	3.89E-10	3.03E-11	7.05	14.652598	6.93E-02	27333506	27333629	NC_000013.10
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cg05659187	3.90E-10	3.03E-11	7.05	14.6513693	1.99E-01	70995522	70995645	NC_000002.11
cg23387863	3.90E-10	3.04E-11	7.05	14.650005	1.34E-01	77472416	77472539	NC_000015.9
cg02304353	3.90E-10	3.04E-11	7.05	14.6494604	9.01E-02	79215938	79216061	NC_000017.10
cg24680632	3.90E-10	3.04E-11	7.05	14.64922	1.60E-01	116044032	116044155	NC_000012.11
cg13699245	3.91E-10	3.04E-11	7.05	14.6479258	1.19E-01	137485382	137485505	NC_000009.11
cg21693015	3.91E-10	3.05E-11	7.05	14.647584	3.23E-02	30303537	30303660	NC_000006.11
cg14565439	3.91E-10	3.05E-11	7.05	14.6471582	4.73E-02	107702185	107702308	NC_000005.9
cg23197945	3.91E-10	3.05E-11	7.05	14.6471303	1.80E-01	101841303	101841426	NC_000010.10
cg22175764	3.91E-10	3.05E-11	7.05	14.6468745	2.11E-01	56803964	56804087	NC_000020.10
cg03446973	3.91E-10	3.05E-11	7.05	14.6463467	2.50E-02	186524572	186524695	NC_000003.11
cg09658678	3.92E-10	3.05E-11	7.05	14.6450911	8.30E-02	148448256	148448379	NC_000003.11
cg22195627	3.92E-10	3.06E-11	7.05	14.6438865	2.16E-01	12305869	12305992	NC_000019.9
cg14319235	3.92E-10	3.06E-11	7.05	14.6436717	1.55E-01	79472282	79472405	NC_000001.10
cg19713959	3.93E-10	3.06E-11	7.05	14.6431257	5.93E-02	112092994	112093117	NC_000006.11
cg07252933	3.94E-10	3.07E-11	7.05	14.6408147	9.56E-02	44184114	44184237	NC_000006.11
cg24094706	3.94E-10	3.07E-11	7.05	14.6406771	1.85E-01	48972536	48972659	NC_000022.10
cg12376271	3.95E-10	3.08E-11	7.05	14.6375722	4.83E-02	95799144	95799267	NC_000011.9
cg23848624	3.95E-10	3.08E-11	7.05	14.6370872	1.89E-01	100622582	100622705	NC_000013.10
cg00842299	3.95E-10	3.08E-11	7.05	14.6360263	1.40E-01	147129278	147129401	NC_000003.11
cg04012282	3.95E-10	3.08E-11	7.05	14.635743	8.65E-02	138739807	138739930	NC_000003.11
cg09166898	3.95E-10	3.08E-11	7.05	14.6356903	5.19E-02	41167165	41167288	NC_000015.9
cg26385256	3.95E-10	3.08E-11	7.05	14.6356103	1.88E-01	38326334	38326457	NC_000008.10
cg22225179	3.96E-10	3.08E-11	7.05	14.6351437	8.44E-02	56072363	56072486	NC_000017.10
cg17896808	3.96E-10	3.09E-11	7.05	14.6338622	7.86E-02	22992842	22992965	NC_000015.9
cg22060087	3.96E-10	3.09E-11	7.05	14.6336197	3.65E-02	32892208	32892331	NC_000020.10

cg21319053	3.96E-10	3.09E-11	7.05	14.6336041	1.84E-01	37840725	37840848	NC_000005.9
cg04375784	3.96E-10	3.09E-11	7.05	14.6331977	1.07E-01	133137810	133137933	NC_000006.11
cg11518846	3.98E-10	3.10E-11	7.04	14.6298562	1.88E-01	133562246	133562369	NC_000006.11
cg22692507	3.98E-10	3.10E-11	7.04	14.6291986	7.14E-02	81446503	81446626	NC_000005.9
cg03182688	3.99E-10	3.11E-11	7.04	14.6275387	1.29E-01	33825300	33825423	NC_000017.10
cg25831075	3.99E-10	3.11E-11	7.04	14.6266326	1.65E-01	164915196	164915319	NC_000003.11
cg05417162	3.99E-10	3.11E-11	7.04	14.6264052	1.56E-01	89959854	89959977	NC_000015.9
cg01445580	3.99E-10	3.12E-11	7.04	14.62512	1.94E-01	34631891	34632014	NC_000001.10
cg03294619	3.99E-10	3.12E-11	7.04	14.6250236	1.72E-01	172661803	172661926	NC_000005.9
cg23174932	3.99E-10	3.12E-11	7.04	14.625009	2.34E-01	31831502	31831625	NC_000006.11
cg22160472	4.00E-10	3.12E-11	7.04	14.6238678	1.33E-01	42944494	42944617	NC_000005.9
cg06940705	4.00E-10	3.12E-11	7.04	14.6232639	1.68E-01	14924712	14924835	NC_000001.10
cg02921923	4.01E-10	3.13E-11	7.04	14.6211941	1.45E-01	92651425	92651548	NC_000011.9
cg24399395	4.01E-10	3.13E-11	7.04	14.6199574	1.79E-01	34392203	34392326	NC_000021.8
cg25558103	4.02E-10	3.14E-11	7.04	14.6190829	1.53E-01	42835859	42835982	NC_000017.10
cg19719547	4.02E-10	3.14E-11	7.04	14.6170237	1.95E-01	242688144	242688267	NC_000001.10
cg19392831	4.03E-10	3.14E-11	7.04	14.6159861	9.28E-02	120355756	120355879	NC_000010.10
cg11460364	4.03E-10	3.15E-11	7.04	14.6156967	9.84E-02	162931397	162931520	NC_000002.11
cg24884519	4.03E-10	3.15E-11	7.04	14.6153169	2.35E-01	27209790	27209913	NC_000007.13
cg22339356	4.04E-10	3.15E-11	7.04	14.6137833	1.98E-01	8473385	8473508	NC_000007.13
cg16939112	4.04E-10	3.15E-11	7.04	14.6136812	1.16E-01	1807305	1807428	NC_000012.11
cg11870560	4.04E-10	3.16E-11	7.04	14.6125261	1.81E-01	112709480	112709603	NC_000013.10
cg08381013	4.05E-10	3.16E-11	7.04	14.6108797	3.69E-02	1862572	1862695	NC_000008.10
cg03791159	4.05E-10	3.16E-11	7.04	14.6106466	1.29E-01	155018144	155018267	NC_000007.13
cg02180189	4.05E-10	3.16E-11	7.04	14.6103039	1.10E-01	2710486	2710609	NC_000011.9

cg18434718	4.05E-10	3.17E-11	7.04	14.6095284	2.13E-01	15090872	15090995	NC_000019.9
cg27256528	4.06E-10	3.17E-11	7.04	14.6085805	1.72E-01	6533667	6533790	NC_000016.9
cg14015706	4.06E-10	3.17E-11	7.04	14.6068917	2.53E-01	132382433	132382556	NC_000009.11
cg18499321	4.07E-10	3.18E-11	7.04	14.6055335	1.41E-01	130941214	130941337	NC_000012.11
cg17231999	4.07E-10	3.18E-11	7.04	14.6037076	2.21E-01	41882564	41882687	NC_000004.11
cg00945234	4.08E-10	3.19E-11	7.04	14.6025769	1.62E-01	50886411	50886534	NC_000001.10
cg20627174	4.09E-10	3.20E-11	7.04	14.5994669	1.80E-01	119599744	119599867	NC_000002.11
cg03622666	4.09E-10	3.20E-11	7.04	14.5993078	9.28E-02	49499091	49499214	NC_000016.9
cg08134803	4.10E-10	3.20E-11	7.04	14.5975676	6.07E-02	1218913	1219036	NC_000011.9
cg22272713	4.11E-10	3.21E-11	7.04	14.5947358	1.37E-01	21780820	21780943	NC_000008.10
cg06899530	4.11E-10	3.22E-11	7.04	14.5942005	1.59E-01	166916866	166916989	NC_000001.10
cg25194720	4.11E-10	3.22E-11	7.04	14.5939303	1.24E-01	128712417	128712540	NC_000011.9
cg26181818	4.12E-10	3.22E-11	7.04	14.5932983	1.33E-01	233323935	233324058	NC_000002.11
cg21901718	4.12E-10	3.22E-11	7.04	14.5932332	2.09E-01	16180076	16180199	NC_000005.9
cg00040427	4.12E-10	3.22E-11	7.04	14.5926013	9.35E-02	14044197	14044320	NC_000019.9
cg04425632	4.12E-10	3.22E-11	7.04	14.5924185	1.83E-01	137531612	137531735	NC_000007.13
cg08828403	4.12E-10	3.22E-11	7.04	14.592142	1.69E-01	21681006	21681129	NC_000012.11
cg00395579	4.13E-10	3.23E-11	7.04	14.5897505	1.58E-01	103243598	103243721	NC_000008.10
cg18359596	4.13E-10	3.23E-11	7.04	14.5896152	7.96E-02	89875471	89875594	NC_000014.8
cg16019558	4.14E-10	3.24E-11	7.04	14.5880052	8.46E-02	110104633	110104756	NC_000006.11
cg21347353	4.14E-10	3.24E-11	7.04	14.5869507	1.94E-01	25678439	25678562	NC_000022.10
cg08370882	4.14E-10	3.24E-11	7.04	14.5869133	1.36E-01	219522648	219522771	NC_000002.11
cg08595806	4.15E-10	3.25E-11	7.04	14.583388	7.44E-02	160512464	160512587	NC_000006.11
cg02332525	4.16E-10	3.25E-11	7.04	14.5830297	1.28E-01	6903153	6903276	NC_000003.11
cg00402352	4.17E-10	3.26E-11	7.04	14.579569	9.54E-02	134373160	134373283	NC_000011.9



cg19947439	4.17E-10	3.27E-11	7.04	14.578655	1.09E-01	186795552	186795675	NC_000003.11
cg03152428	4.19E-10	3.28E-11	7.03	14.5738672	1.08E-01	46850691	46850814	NC_000021.8
cg13833923	4.19E-10	3.28E-11	7.03	14.5735854	1.92E-01	79746627	79746750	NC_000014.8
cg02741229	4.20E-10	3.29E-11	7.03	14.5728784	1.86E-01	140767197	140767320	NC_000005.9
cg15412401	4.20E-10	3.29E-11	7.03	14.5727907	6.37E-02	33170699	33170822	NC_000006.11
cg21342910	4.20E-10	3.29E-11	7.03	14.5727581	1.76E-01	48042779	48042902	NC_000017.10
cg16475255	4.20E-10	3.29E-11	7.03	14.5723851	6.52E-02	72671985	72672108	NC_000015.9
cg10306035	4.21E-10	3.30E-11	7.03	14.5691095	1.06E-01	23464518	23464641	NC_000010.10
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cg03969515	4.23E-10	3.31E-11	7.03	14.5649452	1.20E-01	16553267	16553390	NC_000001.10
cg00907505	4.23E-10	3.31E-11	7.03	14.5645757	6.90E-02	77715338	77715461	NC_000017.10
cg14765646	4.24E-10	3.32E-11	7.03	14.5615348	2.15E-01	154334450	154334573	NC_000002.11
cg23916167	4.25E-10	3.33E-11	7.03	14.560221	2.14E-01	37027267	37027390	NC_000009.11
cg09303778	4.25E-10	3.33E-11	7.03	14.5592361	5.65E-02	33269832	33269955	NC_000006.11
cg26363038	4.26E-10	3.33E-11	7.03	14.5585307	7.30E-02	155970301	155970424	NC_000007.13
cg05291588	4.26E-10	3.33E-11	7.03	14.5583496	9.40E-02	1607090	1607213	NC_000002.11
cg01541600	4.26E-10	3.34E-11	7.03	14.5578566	9.59E-02	87988715	87988838	NC_000016.9
cg11021321	4.26E-10	3.34E-11	7.03	14.5574082	1.19E-01	57471660	57471783	NC_000020.10
cg19280364	4.26E-10	3.34E-11	7.03	14.5572926	1.09E-01	73077442	73077565	NC_000015.9
cg12530503	4.27E-10	3.34E-11	7.03	14.5558495	1.17E-01	89911148	89911271	NC_000015.9
cg15657100	4.27E-10	3.34E-11	7.03	14.5558434	1.23E-01	161420987	161421110	NC_000002.11
cg22848598	4.29E-10	3.36E-11	7.03	14.5508847	2.25E-01	38965026	38965149	NC_000008.10
cg13320291	4.29E-10	3.36E-11	7.03	14.5499995	2.25E-01	118030970	118031093	NC_000010.10
cg19252741	4.29E-10	3.36E-11	7.03	14.5499121	1.89E-01	68456607	68456730	NC_000011.9
cg01458510	4.29E-10	3.36E-11	7.03	14.5499119	1.23E-01	109752622	109752745	NC_000002.11

cg15373880	4.29E-10	3.37E-11	7.03	14.5492839	1.03E-01	3783345	3783468	NC_000006.11
cg02749843	4.30E-10	3.37E-11	7.03	14.5479917	8.21E-02	19712623	19712746	NC_000022.10
cg08864344	4.30E-10	3.37E-11	7.03	14.5473429	1.22E-01	33772997	33773120	NC_000001.10
cg12829687	4.31E-10	3.38E-11	7.03	14.5450209	1.14E-01	114581004	114581127	NC_000010.10
cg10385303	4.32E-10	3.39E-11	7.03	14.5426637	1.64E-01	36983146	36983269	NC_000014.8
cg01161204	4.32E-10	3.39E-11	7.03	14.5412928	1.68E-01	115530932	115531055	NC_000011.9
cg00865541	4.33E-10	3.40E-11	7.03	14.5404381	8.44E-02	56279934	56280057	NC_000018.9
cg02122467	4.33E-10	3.40E-11	7.03	14.540394	3.71E-02	43027820	43027943	NC_000015.9
cg25495735	4.33E-10	3.40E-11	7.03	14.5399208	5.26E-02	169284053	169284176	NC_000006.11
cg06824157	4.33E-10	3.40E-11	7.03	14.5396039	1.31E-01	14457501	14457624	NC_000005.9
cg05475524	4.33E-10	3.40E-11	7.03	14.5392852	1.84E-01	66326798	66326921	NC_000011.9
cg19946376	4.34E-10	3.40E-11	7.03	14.5380528	1.05E-01	184035137	184035260	NC_000003.11
cg16526961	4.34E-10	3.41E-11	7.03	14.5374823	8.40E-02	43965849	43965972	NC_000012.11
cg12699286	4.34E-10	3.41E-11	7.03	14.5362976	2.18E-01	54394194	54394317	NC_000012.11
cg20086208	4.35E-10	3.42E-11	7.03	14.5345162	1.99E-01	20085214	20085337	NC_000016.9
cg02773588	4.35E-10	3.42E-11	7.03	14.5341786	9.65E-02	48698519	48698642	NC_000003.11
cg26194089	4.36E-10	3.42E-11	7.03	14.532854	1.25E-01	2862360	2862483	NC_000012.11
cg00728907	4.37E-10	3.43E-11	7.03	14.5313812	5.75E-02	1285487	1285610	NC_000005.9
cg23563866	4.38E-10	3.44E-11	7.03	14.5288445	1.19E-01	22246575	22246698	NC_000008.10
cg13551706	4.38E-10	3.44E-11	7.03	14.5277768	7.56E-02	46323481	46323604	NC_000020.10
cg15976883	4.39E-10	3.45E-11	7.03	14.525613	1.02E-01	54960972	54961095	NC_000004.11
cg21932452	4.39E-10	3.45E-11	7.03	14.5244859	6.38E-02	150702471	150702594	NC_000007.13
cg15929698	4.40E-10	3.46E-11	7.03	14.5235438	1.52E-01	24323792	24323915	NC_000007.13
cg08551532	4.40E-10	3.46E-11	7.03	14.5234529	1.70E-01	39998270	39998393	NC_000019.9
cg16531275	4.40E-10	3.46E-11	7.03	14.5233332	1.07E-01	89927907	89928030	NC_000016.9

cg23030159	4.40E-10	3.46E-11	7.03	14.5227906	8.63E-02	1358467	1358590	NC_000007.13
cg10793234	4.42E-10	3.47E-11	7.03	14.5192649	5.13E-02	194062061	194062184	NC_000003.11
cg06161964	4.42E-10	3.47E-11	7.03	14.5190707	1.54E-01	1884513	1884636	NC_000005.9
cg18335607	4.43E-10	3.48E-11	7.02	14.5169356	1.50E-01	172755413	172755536	NC_000005.9
cg05928053	4.43E-10	3.48E-11	7.02	14.5165449	1.46E-01	182549565	182549688	NC_000002.11
cg17412258	4.44E-10	3.49E-11	7.02	14.5133664	1.39E-01	101193017	101193140	NC_000014.8
cg09780768	4.44E-10	3.49E-11	7.02	14.5133354	1.18E-01	54498824	54498947	NC_000019.9
cg12378888	4.44E-10	3.49E-11	7.02	14.5128583	1.83E-01	4867102	4867225	NC_000004.11
cg03612765	4.45E-10	3.50E-11	7.02	14.5114634	5.24E-02	89552576	89552699	NC_000001.10
cg01957732	4.46E-10	3.50E-11	7.02	14.5100043	1.70E-01	133561716	133561839	NC_000006.11
cg04048339	4.46E-10	3.51E-11	7.02	14.509263	8.33E-02	31496644	31496767	NC_000006.11
cg11123303	4.46E-10	3.51E-11	7.02	14.5082643	9.05E-02	132946216	132946339	NC_000006.11
cg07033549	4.46E-10	3.51E-11	7.02	14.508009	3.96E-02	101944576	101944699	NC_000014.8
cg25472539	4.47E-10	3.52E-11	7.02	14.50573	9.62E-02	32037978	32038101	NC_000006.11
cg06008912	4.48E-10	3.52E-11	7.02	14.5045962	2.37E-01	193059645	193059768	NC_000002.11
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cg15169469	4.49E-10	3.53E-11	7.02	14.502737	8.01E-02	21398575	21398698	NC_000022.10
cg24549161	4.49E-10	3.53E-11	7.02	14.5016267	9.56E-02	120278049	120278172	NC_000002.11
cg13844402	4.50E-10	3.54E-11	7.02	14.4993683	1.41E-01	112716025	112716148	NC_000013.10
cg00535403	4.51E-10	3.55E-11	7.02	14.497515	9.96E-02	120570282	120570405	NC_000002.11
cg21038156	4.51E-10	3.55E-11	7.02	14.497394	1.53E-01	158936739	158936862	NC_000007.13
cg19680222	4.51E-10	3.55E-11	7.02	14.4964555	4.85E-02	160253463	160253586	NC_000001.10
cg23144681	4.51E-10	3.55E-11	7.02	14.4964296	1.92E-01	23488710	23488833	NC_000010.10
cg08682532	4.51E-10	3.55E-11	7.02	14.4961719	1.38E-01	74427499	74427622	NC_000015.9
cg17223809	4.52E-10	3.55E-11	7.02	14.4959677	1.20E-01	86620676	86620799	NC_000001.10

cg03290530	4.52E-10	3.56E-11	7.02	14.4950988	1.70E-01	137361526	137361649	NC_000003.11
cg13243168	4.52E-10	3.56E-11	7.02	14.4947589	1.13E-01	61915833	61915956	NC_000017.10
cg18452695	4.52E-10	3.56E-11	7.02	14.4946277	1.50E-01	9608637	9608760	NC_000019.9
cg24956250	4.53E-10	3.57E-11	7.02	14.4928061	2.05E-01	139168481	139168604	NC_000007.13
cg19656950	4.53E-10	3.57E-11	7.02	14.4922096	8.60E-02	100607772	100607895	NC_000013.10
cg16649888	4.54E-10	3.57E-11	7.02	14.4911547	1.34E-01	96302476	96302599	NC_000010.10
cg12411917	4.54E-10	3.57E-11	7.02	14.4903132	7.80E-02	8014323	8014446	NC_000006.11
cg15451075	4.54E-10	3.58E-11	7.02	14.4900079	6.12E-02	148966942	148967065	NC_000003.11
cg06740600	4.54E-10	3.58E-11	7.02	14.4892949	2.23E-01	38924436	38924559	NC_000019.9
cg00710196	4.55E-10	3.58E-11	7.02	14.4885762	3.96E-02	36870572	36870695	NC_000017.10
cg15975122	4.55E-10	3.58E-11	7.02	14.4878559	5.45E-02	195379862	195379985	NC_000003.11
cg05929882	4.55E-10	3.58E-11	7.02	14.4877168	1.92E-01	114847508	114847631	NC_000012.11
cg05269473	4.55E-10	3.59E-11	7.02	14.4871116	3.96E-02	224801070	224801193	NC_000002.11
cg05207973	4.55E-10	3.59E-11	7.02	14.4867022	8.89E-02	176823642	176823765	NC_000005.9
cg19700380	4.55E-10	3.59E-11	7.02	14.4866473	8.10E-02	36897562	36897685	NC_000017.10
cg07018645	4.56E-10	3.59E-11	7.02	14.4864103	8.60E-02	75108826	75108949	NC_000015.9
cg17603689	4.57E-10	3.60E-11	7.02	14.4841707	1.25E-01	50883013	50883136	NC_000001.10
cg01625087	4.57E-10	3.60E-11	7.02	14.4822703	1.69E-01	101841008	101841131	NC_000006.11
cg08663552	4.59E-10	3.62E-11	7.02	14.4788389	1.16E-01	20755508	20755631	NC_000017.10
cg17028658	4.59E-10	3.62E-11	7.02	14.4786353	1.27E-01	186321177	186321300	NC_000004.11
cg09198601	4.59E-10	3.62E-11	7.02	14.4782556	1.06E-01	10319180	10319303	NC_000006.11
cg25300694	4.59E-10	3.62E-11	7.02	14.4782047	1.14E-01	151184358	151184481	NC_000002.11
cg01082843	4.60E-10	3.62E-11	7.02	14.4770041	2.00E-01	210636844	210636967	NC_000002.11
cg00718418	4.60E-10	3.63E-11	7.02	14.4752069	1.03E-01	50678441	50678564	NC_000012.11
cg06176201	4.61E-10	3.63E-11	7.02	14.4738816	2.65E-02	40963033	40963156	NC_000017.10

cg20392615	4.61E-10	3.63E-11	7.02	14.4738345	1.36E-01	125732565	125732688	NC_000008.10
cg22282405	4.61E-10	3.64E-11	7.02	14.473651	2.02E-01	50810682	50810805	NC_000006.11
cg06462347	4.61E-10	3.64E-11	7.02	14.4736028	2.18E-01	5404508	5404631	NC_000017.10
cg22517388	4.62E-10	3.64E-11	7.02	14.4727419	1.02E-01	71014918	71015041	NC_000005.9
cg08194313	4.62E-10	3.65E-11	7.02	14.4706232	2.36E-01	118032892	118033015	NC_000010.10
cg10455938	4.63E-10	3.65E-11	7.02	14.4705708	2.14E-01	40058150	40058273	NC_000022.10
cg00065215	4.63E-10	3.65E-11	7.02	14.4701	2.20E-01	18959268	18959391	NC_000001.10
cg06017559	4.64E-10	3.66E-11	7.02	14.4662036	9.25E-02	1026760	1026883	NC_000016.9
cg06912966	4.65E-10	3.67E-11	7.02	14.464888	2.11E-01	114852359	114852482	NC_000012.11
cg00573235	4.65E-10	3.67E-11	7.02	14.4639589	1.26E-01	56883532	56883655	NC_000016.9
cg12427264	4.66E-10	3.68E-11	7.02	14.4624986	5.95E-02	144508349	144508472	NC_000006.11
cg06971129	4.66E-10	3.68E-11	7.01	14.461753	2.74E-01	78493066	78493189	NC_000013.10
cg24725789	4.67E-10	3.68E-11	7.01	14.4613299	1.91E-01	119310288	119310411	NC_000010.10
cg20015986	4.67E-10	3.68E-11	7.01	14.4610654	1.17E-01	62072253	62072376	NC_000004.11
cg17886536	4.67E-10	3.68E-11	7.01	14.4610004	4.20E-02	16320218	16320341	NC_000003.11
cg03775416	4.67E-10	3.69E-11	7.01	14.4597303	9.77E-02	19368775	19368898	NC_000019.9
cg17015844	4.68E-10	3.69E-11	7.01	14.458752	1.29E-01	103352694	103352817	NC_000012.11
cg17101165	4.68E-10	3.70E-11	7.01	14.4574819	1.52E-01	115136226	115136349	NC_000012.11
cg04181032	4.69E-10	3.70E-11	7.01	14.4554287	1.17E-01	147165097	147165220	NC_000004.11
cg21549415	4.69E-10	3.70E-11	7.01	14.455326	2.07E-02	79803535	79803658	NC_000017.10
cg07129803	4.69E-10	3.70E-11	7.01	14.455312	9.14E-02	88370583	88370706	NC_000016.9
cg09961254	4.69E-10	3.71E-11	7.01	14.4546532	8.02E-02	627679	627802	NC_000010.10
cg24314474	4.72E-10	3.72E-11	7.01	14.4501522	4.63E-02	40627134	40627257	NC_000003.11
cg18479593	4.73E-10	3.74E-11	7.01	14.4468412	2.25E-01	57265560	57265683	NC_000014.8
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cg05859076	4.75E-10	3.75E-11	7.01	14.4433786	1.33E-01	128838350	128838473	NC_000003.11
cg26492514	4.75E-10	3.75E-11	7.01	14.4430704	1.76E-01	168728236	168728359	NC_000005.9
cg02211449	4.76E-10	3.76E-11	7.01	14.4415045	2.04E-01	110671609	110671732	NC_000010.10
cg08110874	4.76E-10	3.76E-11	7.01	14.4414628	1.88E-01	36704955	36705078	NC_000013.10
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cg04171052	4.77E-10	3.77E-11	7.01	14.4385921	5.76E-02	87879581	87879704	NC_000016.9
cg04600170	4.77E-10	3.77E-11	7.01	14.4385176	1.80E-01	102484499	102484622	NC_000010.10
cg27128734	4.77E-10	3.77E-11	7.01	14.4380147	8.42E-02	51411940	51412063	NC_000019.9
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cg07090057	4.78E-10	3.77E-11	7.01	14.4366109	8.51E-02	108837484	108837607	NC_000003.11
cg19507206	4.78E-10	3.78E-11	7.01	14.4361084	2.27E-01	103044008	103044131	NC_000010.10
cg22235018	4.78E-10	3.78E-11	7.01	14.4351134	2.19E-01	50692150	50692273	NC_000006.11
cg25725843	4.78E-10	3.78E-11	7.01	14.4348727	1.19E-01	107504169	107504292	NC_000002.11
cg11802553	4.79E-10	3.79E-11	7.01	14.4333375	1.61E-01	65203330	65203453	NC_000014.8
cg05640361	4.80E-10	3.79E-11	7.01	14.4324321	5.40E-02	79073545	79073668	NC_000017.10
cg05647503	4.80E-10	3.79E-11	7.01	14.4322044	4.09E-02	10475589	10475712	NC_000011.9
cg08263708	4.80E-10	3.80E-11	7.01	14.430912	1.55E-01	85476373	85476496	NC_000006.11
cg25512912	4.81E-10	3.80E-11	7.01	14.4299415	4.51E-02	64791606	64791729	NC_000015.9
cg16879608	4.81E-10	3.80E-11	7.01	14.429627	8.97E-02	13356921	13357044	NC_000012.11
cg23009508	4.81E-10	3.80E-11	7.01	14.4294576	6.99E-02	23913568	23913691	NC_000002.11
cg02522485	4.82E-10	3.81E-11	7.01	14.4273328	3.32E-02	49531973	49532096	NC_000003.11
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cg00558702	4.83E-10	3.82E-11	7.01	14.4255242	1.15E-01	16726818	16726941	NC_000012.11

cg03450948	4.83E-10	3.82E-11	7.01	14.4243039	2.05E-01	177053274	177053397	NC_000002.11
cg07807395	4.84E-10	3.83E-11	7.01	14.4226293	1.35E-01	4698416	4698539	NC_000001.10
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cg10132917	4.85E-10	3.84E-11	7.01	14.4202056	1.50E-01	30951801	30951924	NC_000007.13
cg10384245	4.86E-10	3.84E-11	7.01	14.4191692	1.83E-01	909086	909209	NC_000018.9
cg26298855	4.86E-10	3.85E-11	7.01	14.4181925	7.41E-02	99635663	99635786	NC_000010.10
cg22350070	4.86E-10	3.85E-11	7.01	14.4181615	1.95E-01	79738639	79738762	NC_000002.11
cg10614856	4.86E-10	3.85E-11	7.01	14.4175495	9.38E-02	50025115	50025238	NC_000019.9
cg01014029	4.87E-10	3.85E-11	7.01	14.4166477	5.71E-02	5646477	5646600	NC_000007.13
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cg02402565	4.87E-10	3.86E-11	7.01	14.4155514	1.08E-01	57590030	57590153	NC_000015.9
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cg07209931	4.88E-10	3.87E-11	7.01	14.4129003	6.96E-02	176304988	176305111	NC_000005.9
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cg15372603	4.89E-10	3.87E-11	7.01	14.4121877	1.73E-01	27197239	27197362	NC_000007.13
cg13433891	4.90E-10	3.88E-11	7.01	14.410532	1.15E-01	26264492	26264615	NC_000012.11
cg22277567	4.90E-10	3.88E-11	7.01	14.4104641	1.60E-01	240226201	240226324	NC_000002.11
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cg10103266	4.90E-10	3.88E-11	7.01	14.4084605	1.49E-01	176977458	176977581	NC_000002.11
cg26478297	4.91E-10	3.89E-11	7.01	14.4076187	1.50E-01	54387435	54387558	NC_000019.9
cg18139178	4.92E-10	3.90E-11	7	14.405185	8.08E-02	134997342	134997465	NC_000010.10
cg18290624	4.92E-10	3.90E-11	7	14.4051331	1.51E-01	10857699	10857822	NC_000003.11
cg12614213	4.93E-10	3.91E-11	7	14.4030838	1.93E-01	38324613	38324736	NC_000008.10

cg26263664	4.93E-10	3.91E-11	7	14.4022453	7.56E-02	73501058	73501181	NC_000017.10
cg26481402	4.94E-10	3.91E-11	7	14.4017997	7.50E-02	28853050	28853173	NC_000006.11
cg23509641	4.94E-10	3.91E-11	7	14.4009636	1.33E-01	30583001	30583124	NC_000020.10
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cg18020547	4.94E-10	3.92E-11	7	14.4000551	1.10E-01	223538957	223539080	NC_000001.10
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cg00629116	4.96E-10	3.93E-11	7	14.3958883	6.23E-02	4705360	4705483	NC_000020.10
cg00816770	4.96E-10	3.93E-11	7	14.395882	1.50E-01	144621089	144621212	NC_000004.11
cg10716518	4.96E-10	3.93E-11	7	14.3958271	9.54E-02	32166722	32166845	NC_000006.11
cg20026576	4.97E-10	3.94E-11	7	14.3952111	1.01E-01	4481538	4481661	NC_000006.11
cg19352193	4.97E-10	3.94E-11	7	14.39402	2.24E-01	46425508	46425631	NC_000013.10
cg16954727	4.99E-10	3.96E-11	7	14.3906062	1.16E-01	3440330	3440453	NC_000010.10
cg08618204	4.99E-10	3.96E-11	7	14.3906036	1.41E-01	115135076	115135199	NC_000012.11
cg19122389	4.99E-10	3.96E-11	7	14.3899375	1.41E-01	21687378	21687501	NC_000020.10
cg06531379	5.01E-10	3.97E-11	7	14.3871103	1.91E-01	47911449	47911572	NC_000001.10
cg21781988	5.01E-10	3.97E-11	7	14.3870434	1.71E-01	101287742	101287865	NC_000010.10
cg02076785	5.01E-10	3.97E-11	7	14.3864247	1.78E-01	98963582	98963705	NC_000002.11
cg06632797	5.02E-10	3.98E-11	7	14.3834518	9.98E-02	68968215	68968338	NC_000011.9
cg24729221	5.02E-10	3.99E-11	7	14.383193	1.05E-01	63497644	63497767	NC_000007.13
cg05900538	5.03E-10	3.99E-11	7	14.3828376	9.57E-02	95756907	95757030	NC_000011.9
cg06648455	5.03E-10	3.99E-11	7	14.382828	9.16E-02	69962465	69962588	NC_000011.9
cg02295992	5.03E-10	3.99E-11	7	14.3828203	1.03E-01	205255619	205255742	NC_000001.10
cg20618826	5.03E-10	3.99E-11	7	14.3823645	8.21E-02	81148896	81149019	NC_000010.10
cg05616379	5.04E-10	4.00E-11	7	14.3809115	1.18E-01	26943660	26943783	NC_000002.11



cg26405128	5.04E-10	4.00E-11	7	14.3808056	1.15E-01	31655265	31655388	NC_000003.11
cg16562275	5.04E-10	4.00E-11	7	14.3790817	1.85E-01	133481390	133481513	NC_000012.11
cg00595030	5.06E-10	4.01E-11	7	14.3765668	9.47E-02	10398582	10398705	NC_000019.9
cg01953289	5.06E-10	4.01E-11	7	14.3760483	6.30E-02	60874239	60874362	NC_000020.10
cg04740046	5.06E-10	4.02E-11	7	14.3756772	6.47E-02	55330842	55330965	NC_000017.10
cg04616566	5.06E-10	4.02E-11	7	14.374804	3.99E-02	72020560	72020683	NC_000015.9
cg13408597	5.07E-10	4.02E-11	7	14.3746522	1.29E-01	97865092	97865215	NC_000009.11
cg17210933	5.07E-10	4.02E-11	7	14.3739695	1.86E-01	3428696	3428819	NC_000005.9
cg05595088	5.11E-10	4.06E-11	7	14.3654547	8.47E-02	3243426	3243549	NC_000016.9
cg20668096	5.13E-10	4.07E-11	7	14.3615424	1.27E-01	151500192	151500315	NC_000004.11
cg22932482	5.13E-10	4.08E-11	7	14.361173	1.13E-01	144790992	144791115	NC_000008.10
cg11554266	5.13E-10	4.08E-11	7	14.3608852	1.51E-01	99288473	99288596	NC_000012.11
cg23065934	5.15E-10	4.09E-11	7	14.3570619	1.96E-01	16180266	16180389	NC_000005.9
cg15380511	5.18E-10	4.12E-11	7	14.3518523	6.92E-02	124835828	124835951	NC_000005.9
cg02363960	5.18E-10	4.12E-11	7	14.3513828	1.37E-01	79080535	79080658	NC_000007.13
cg13451356	5.20E-10	4.13E-11	6.99	14.3474462	1.01E-01	40598648	40598771	NC_000001.10
cg19455306	5.21E-10	4.14E-11	6.99	14.345708	8.04E-02	45154734	45154857	NC_000003.11
cg14041462	5.21E-10	4.14E-11	6.99	14.3448929	6.49E-02	130551579	130551702	NC_000009.11
cg04591032	5.22E-10	4.15E-11	6.99	14.3446447	1.78E-01	46827458	46827581	NC_000017.10
cg24047810	5.22E-10	4.15E-11	6.99	14.3430937	9.83E-02	2162341	2162464	NC_000011.9
cg00733328	5.23E-10	4.15E-11	6.99	14.3424642	1.05E-01	101001145	101001268	NC_000014.8
cg24017995	5.23E-10	4.16E-11	6.99	14.3422422	1.45E-01	65652792	65652915	NC_000014.8
cg19209066	5.23E-10	4.16E-11	6.99	14.3408727	2.22E-01	8085349	8085472	NC_000010.10
cg09072859	5.25E-10	4.17E-11	6.99	14.338803	1.87E-01	132934128	132934251	NC_000011.9
cg21231964	5.25E-10	4.17E-11	6.99	14.3378393	1.11E-01	77505378	77505501	NC_000017.10

cg04393060	5.25E-10	4.18E-11	6.99	14.3368924	4.88E-02	35919432	35919555	NC_000001.10
cg17025841	5.26E-10	4.18E-11	6.99	14.335918	1.11E-01	11575501	11575624	NC_000003.11
cg06003187	5.26E-10	4.19E-11	6.99	14.335254	9.78E-02	42629798	42629921	NC_000001.10
cg17032989	5.28E-10	4.20E-11	6.99	14.3323579	9.61E-02	153259061	153259184	NC_000002.11
cg26132493	5.29E-10	4.20E-11	6.99	14.330652	1.11E-01	108634275	108634398	NC_000012.11
cg16104384	5.29E-10	4.21E-11	6.99	14.33032	1.13E-01	49935689	49935812	NC_000022.10
cg01831896	5.29E-10	4.21E-11	6.99	14.3298774	1.39E-01	32638319	32638442	NC_000015.9
cg02348751	5.30E-10	4.22E-11	6.99	14.3279055	2.20E-01	183064035	183064158	NC_000004.11
cg02163943	5.31E-10	4.23E-11	6.99	14.3254438	1.43E-01	42217859	42217982	NC_000020.10
cg13081009	5.31E-10	4.23E-11	6.99	14.3253439	1.75E-01	8430745	8430868	NC_000001.10
cg07566931	5.32E-10	4.23E-11	6.99	14.3250734	7.94E-02	39374990	39375113	NC_000005.9
cg01064903	5.32E-10	4.23E-11	6.99	14.3238163	5.61E-02	8001477	8001600	NC_000019.9
cg04496204	5.32E-10	4.23E-11	6.99	14.3236843	5.77E-02	72249085	72249208	NC_000013.10
cg12003026	5.33E-10	4.24E-11	6.99	14.3229019	9.31E-02	26273370	26273493	NC_000006.11
cg21680474	5.33E-10	4.24E-11	6.99	14.3221965	9.45E-02	28463306	28463429	NC_000001.10
cg18335796	5.33E-10	4.24E-11	6.99	14.3217203	1.31E-01	91094472	91094595	NC_000008.10
cg01126576	5.35E-10	4.26E-11	6.99	14.318626	9.58E-02	120949145	120949268	NC_000010.10
cg02517686	5.35E-10	4.26E-11	6.99	14.3177867	9.44E-02	132900761	132900884	NC_000012.11
cg05298922	5.36E-10	4.27E-11	6.99	14.3166818	2.86E-01	175191045	175191168	NC_000002.11
cg18841298	5.37E-10	4.28E-11	6.99	14.3141588	1.22E-01	101604258	101604381	NC_000012.11
cg05835982	5.38E-10	4.28E-11	6.99	14.3127777	1.88E-01	129693791	129693914	NC_000003.11
cg07740640	5.38E-10	4.28E-11	6.99	14.3126706	1.06E-01	97841941	97842064	NC_000007.13
cg03127713	5.38E-10	4.28E-11	6.99	14.3122035	2.38E-01	224804071	224804194	NC_000001.10
cg06141004	5.38E-10	4.29E-11	6.99	14.3118165	1.06E-01	6867070	6867193	NC_000007.13
cg07738031	5.39E-10	4.29E-11	6.99	14.3105645	6.52E-02	61871027	61871150	NC_000020.10

cg19414591	5.40E-10	4.30E-11	6.99	14.3084198	1.52E-01	91190582	91190705	NC_000001.10
cg17306661	5.40E-10	4.30E-11	6.99	14.3078787	3.88E-02	6888415	6888538	NC_000007.13
cg06972188	5.40E-10	4.30E-11	6.99	14.3077952	1.21E-01	81565706	81565829	NC_000016.9
cg13927566	5.41E-10	4.31E-11	6.99	14.3069329	1.62E-01	91172288	91172411	NC_000001.10
cg23603003	5.41E-10	4.31E-11	6.99	14.3061031	4.57E-02	147760353	147760476	NC_000001.10
cg10238972	5.41E-10	4.31E-11	6.99	14.3060724	1.63E-01	10398754	10398877	NC_000006.11
cg11062417	5.41E-10	4.31E-11	6.99	14.3055222	1.45E-01	76578232	76578355	NC_000005.9
cg25308742	5.42E-10	4.31E-11	6.99	14.3053136	1.56E-01	3590983	3591106	NC_000005.9
cg10171357	5.42E-10	4.32E-11	6.99	14.3051105	1.51E-01	96910540	96910663	NC_000015.9
cg15893895	5.42E-10	4.32E-11	6.99	14.3047371	9.99E-02	51104413	51104536	NC_000007.13
cg02063560	5.42E-10	4.32E-11	6.99	14.3044545	5.66E-02	62120405	62120528	NC_000001.10
cg02935338	5.42E-10	4.32E-11	6.99	14.3040788	1.56E-01	25755847	25755970	NC_000018.9
cg05656566	5.45E-10	4.35E-11	6.99	14.2977034	8.08E-02	178593924	178594047	NC_000005.9
cg00359110	5.47E-10	4.36E-11	6.99	14.2951577	7.35E-02	75699252	75699375	NC_000012.11
cg26690075	5.47E-10	4.36E-11	6.99	14.2949355	1.34E-01	120968919	120969042	NC_000007.13
cg13187827	5.47E-10	4.36E-11	6.99	14.2947447	1.11E-01	31734192	31734315	NC_000006.11
cg05029822	5.47E-10	4.36E-11	6.99	14.2943922	8.71E-02	2891118	2891241	NC_000011.9
cg00909993	5.48E-10	4.37E-11	6.98	14.2934925	1.41E-01	120516537	120516660	NC_000002.11
cg21011621	5.48E-10	4.37E-11	6.98	14.2932477	1.03E-01	48471643	48471766	NC_000017.10
cg26620530	5.48E-10	4.37E-11	6.98	14.2928946	1.85E-01	115102726	115102849	NC_000012.11
cg01416563	5.48E-10	4.37E-11	6.98	14.2928717	1.09E-01	140237151	140237274	NC_000005.9
cg05387399	5.52E-10	4.40E-11	6.98	14.2860074	1.45E-01	124893766	124893889	NC_000010.10
cg23792093	5.52E-10	4.40E-11	6.98	14.2853766	6.24E-02	47012437	47012560	NC_000013.10
cg22771904	5.52E-10	4.40E-11	6.98	14.28527	1.49E-01	169051407	169051530	NC_000006.11
cg07519816	5.52E-10	4.40E-11	6.98	14.2850049	1.86E-01	53447596	53447719	NC_000018.9

cg26958236	5.52E-10	4.41E-11	6.98	14.2847757	9.95E-02	46785338	46785461	NC_000021.8
cg23805360	5.53E-10	4.41E-11	6.98	14.2835645	2.16E-01	976947	977070	NC_000009.11
cg15248835	5.53E-10	4.41E-11	6.98	14.2829075	2.09E-01	9761171	9761294	NC_000008.10
cg21199093	5.54E-10	4.42E-11	6.98	14.2820674	1.46E-01	35836009	35836132	NC_000001.10
cg18115248	5.54E-10	4.42E-11	6.98	14.2808139	6.57E-02	41495942	41496065	NC_000019.9
cg26099164	5.55E-10	4.43E-11	6.98	14.2794468	1.35E-01	7574782	7574905	NC_000010.10
cg24677321	5.55E-10	4.43E-11	6.98	14.2794214	6.05E-02	25116377	25116500	NC_000003.11
cg01218896	5.57E-10	4.45E-11	6.98	14.2751162	1.22E-01	96911988	96912111	NC_000015.9
cg15218775	5.58E-10	4.46E-11	6.98	14.2734484	1.72E-01	27135679	27135802	NC_000007.13
cg08442334	5.59E-10	4.46E-11	6.98	14.2728421	9.20E-02	66411384	66411507	NC_000011.9
cg01204927	5.59E-10	4.46E-11	6.98	14.2727719	1.34E-01	28505394	28505517	NC_000006.11
cg23647410	5.59E-10	4.46E-11	6.98	14.2720452	8.12E-02	221051066	221051189	NC_000001.10
cg14768459	5.60E-10	4.47E-11	6.98	14.2708481	9.49E-02	19672432	19672555	NC_000002.11
cg06967496	5.60E-10	4.47E-11	6.98	14.2704921	4.36E-02	71677658	71677781	NC_000005.9
cg01685883	5.61E-10	4.48E-11	6.98	14.2688172	1.68E-01	155254497	155254620	NC_000004.11
cg10022526	5.62E-10	4.49E-11	6.98	14.2664736	1.89E-01	27744557	27744680	NC_000011.9
cg00304388	5.63E-10	4.49E-11	6.98	14.2653626	1.74E-01	181454744	181454867	NC_000001.10
cg06049868	5.63E-10	4.49E-11	6.98	14.2653379	1.50E-01	112717707	112717830	NC_000013.10
cg08244443	5.63E-10	4.49E-11	6.98	14.2653164	1.24E-01	58013900	58014023	NC_000012.11
cg02503981	5.63E-10	4.50E-11	6.98	14.2638125	1.98E-01	112720182	112720305	NC_000013.10
cg04794430	5.64E-10	4.50E-11	6.98	14.2634967	1.52E-01	3290071	3290194	NC_000017.10
cg20871586	5.64E-10	4.51E-11	6.98	14.2618325	1.70E-01	134175678	134175801	NC_000006.11
cg12883980	5.64E-10	4.51E-11	6.98	14.261778	1.18E-01	50707586	50707709	NC_000013.10
cg13910746	5.65E-10	4.51E-11	6.98	14.2616716	6.06E-02	144365795	144365918	NC_000008.10
cg24169822	5.65E-10	4.52E-11	6.98	14.2604101	1.49E-01	27170994	27171117	NC_000007.13

cg04961235	5.66E-10	4.52E-11	6.98	14.2592266	1.27E-01	4901628	4901751	NC_000007.13
cg25743819	5.66E-10	4.52E-11	6.98	14.259015	1.50E-01	173245704	173245827	NC_000002.11
cg01936839	5.66E-10	4.52E-11	6.98	14.2588236	1.05E-01	27198896	27199019	NC_000007.13
cg23986671	5.68E-10	4.54E-11	6.98	14.2550395	2.01E-01	28339262	28339385	NC_000021.8
cg15619820	5.69E-10	4.55E-11	6.98	14.2531164	1.12E-01	3133763	3133886	NC_000001.10
cg17851748	5.70E-10	4.56E-11	6.98	14.2516971	6.33E-02	83264140	83264263	NC_000012.11
cg00797142	5.70E-10	4.56E-11	6.98	14.2512018	5.40E-02	90998279	90998402	NC_000008.10
cg02803775	5.70E-10	4.56E-11	6.98	14.2509328	7.94E-02	41937252	41937375	NC_000022.10
cg01769968	5.71E-10	4.57E-11	6.98	14.2494736	1.43E-01	155891244	155891367	NC_000001.10
cg06294766	5.72E-10	4.57E-11	6.98	14.2481298	1.00E-01	154680314	154680437	NC_000004.11
cg00383384	5.72E-10	4.58E-11	6.98	14.247573	1.46E-01	57391271	57391394	NC_000010.10
cg08155325	5.72E-10	4.58E-11	6.98	14.2471982	1.23E-01	140857813	140857936	NC_000005.9
cg04850976	5.74E-10	4.59E-11	6.98	14.2446906	9.62E-02	3782990	3783113	NC_000016.9
cg20260127	5.74E-10	4.59E-11	6.98	14.2444151	1.08E-01	56355681	56355804	NC_000007.13
cg24830738	5.74E-10	4.59E-11	6.98	14.2438798	1.55E-01	113698445	113698568	NC_000005.9
cg20353780	5.75E-10	4.60E-11	6.98	14.2433447	6.83E-02	118588556	118588679	NC_000012.11
cg08058544	5.75E-10	4.60E-11	6.98	14.2416322	1.73E-01	237080267	237080390	NC_000002.11
cg00031105	5.75E-10	4.60E-11	6.98	14.2415828	1.06E-01	33166117	33166240	NC_000006.11
cg02283366	5.76E-10	4.60E-11	6.98	14.2414485	1.81E-01	63785544	63785667	NC_000001.10
cg15835091	5.77E-10	4.62E-11	6.98	14.2391743	5.14E-02	16468340	16468463	NC_000022.10
cg07906632	5.77E-10	4.62E-11	6.98	14.2390369	2.01E-01	147074073	147074196	NC_000003.11
cg22344727	5.77E-10	4.62E-11	6.98	14.2389872	1.68E-01	81102035	81102158	NC_000012.11
cg03764965	5.77E-10	4.62E-11	6.98	14.2389861	1.20E-01	117971251	117971374	NC_000002.11
cg10491556	5.78E-10	4.62E-11	6.97	14.2377101	2.31E-01	124895886	124896009	NC_000010.10
cg16993043	5.78E-10	4.62E-11	6.97	14.2373888	2.29E-01	200008026	200008149	NC_000001.10

cg20297360	5.78E-10	4.62E-11	6.97	14.2372311	5.43E-02	2976098	2976221	NC_000017.10
cg06248560	5.78E-10	4.62E-11	6.97	14.2372249	1.82E-01	35104681	35104804	NC_000018.9
cg25837277	5.78E-10	4.63E-11	6.97	14.2367526	6.04E-02	46999366	46999489	NC_000019.9
cg02151752	5.78E-10	4.63E-11	6.97	14.2366582	3.68E-02	32798417	32798540	NC_000006.11
cg16202331	5.79E-10	4.63E-11	6.97	14.2349748	1.86E-01	13532655	13532778	NC_000004.11
cg09479783	5.79E-10	4.64E-11	6.97	14.2343938	3.73E-02	124796409	124796532	NC_000012.11
cg25984524	5.79E-10	4.64E-11	6.97	14.2341192	1.18E-01	104871849	104871972	NC_000010.10
cg18579879	5.80E-10	4.64E-11	6.97	14.2336972	1.27E-01	120968913	120969036	NC_000007.13
cg16268315	5.80E-10	4.64E-11	6.97	14.2331124	1.41E-01	103491087	103491210	NC_000008.10
cg23208791	5.80E-10	4.64E-11	6.97	14.2331034	8.50E-02	99123733	99123856	NC_000001.10
cg21135533	5.81E-10	4.65E-11	6.97	14.2319533	1.65E-01	70982935	70983058	NC_000008.10
cg10672343	5.82E-10	4.66E-11	6.97	14.2288177	6.13E-02	169718117	169718240	NC_000006.11
cg26390660	5.83E-10	4.67E-11	6.97	14.227047	1.35E-01	110344165	110344288	NC_000003.11
cg27426442	5.84E-10	4.67E-11	6.97	14.2267725	6.79E-02	35181113	35181236	NC_000006.11
cg00585714	5.84E-10	4.68E-11	6.97	14.2255641	1.18E-01	97156859	97156982	NC_000008.10
cg21429087	5.85E-10	4.69E-11	6.97	14.223474	1.96E-01	166074814	166074937	NC_000006.11
cg14216940	5.85E-10	4.69E-11	6.97	14.2233005	1.16E-01	50343131	50343254	NC_000007.13
cg21184115	5.87E-10	4.70E-11	6.97	14.2213866	3.58E-02	108931012	108931135	NC_000006.11
cg22218447	5.87E-10	4.70E-11	6.97	14.2212772	4.67E-02	21221791	21221914	NC_000017.10
cg01800455	5.87E-10	4.70E-11	6.97	14.2208457	3.48E-02	20996671	20996794	NC_000016.9
cg10852177	5.87E-10	4.70E-11	6.97	14.2207493	2.02E-01	84816454	84816577	NC_000007.13
cg23483069	5.88E-10	4.71E-11	6.97	14.2194533	5.38E-02	17825778	17825901	NC_000002.11
cg11268834	5.89E-10	4.72E-11	6.97	14.2173678	1.58E-01	224824500	224824623	NC_000002.11
cg25098068	5.90E-10	4.73E-11	6.97	14.2156222	5.06E-02	62462051	62462174	NC_000017.10
cg23302570	5.90E-10	4.73E-11	6.97	14.2148532	1.80E-01	139538601	139538724	NC_000002.11

cg27050763	5.91E-10	4.73E-11	6.97	14.2141595	8.00E-02	247081594	247081717	NC_000001.10
cg00397479	5.91E-10	4.74E-11	6.97	14.2131673	2.19E-01	31831510	31831633	NC_000006.11
cg23226129	5.92E-10	4.74E-11	6.97	14.2124609	1.72E-01	39995539	39995662	NC_000020.10
cg04565337	5.92E-10	4.74E-11	6.97	14.2124391	1.38E-01	38071768	38071891	NC_000014.8
cg20756891	5.92E-10	4.75E-11	6.97	14.2115594	1.44E-01	170743951	170744074	NC_000005.9
cg26157386	5.92E-10	4.75E-11	6.97	14.21133	1.85E-01	36994270	36994393	NC_000014.8
cg23181844	5.93E-10	4.76E-11	6.97	14.2096643	1.77E-01	19812548	19812671	NC_000007.13
cg18612627	5.93E-10	4.76E-11	6.97	14.2095713	1.22E-01	14135203	14135326	NC_000012.11
cg10055471	5.94E-10	4.76E-11	6.97	14.2080088	1.48E-01	27240319	27240442	NC_000001.10
cg19994157	5.95E-10	4.77E-11	6.97	14.2066238	3.08E-02	32825852	32825975	NC_000006.11
cg21375294	5.95E-10	4.77E-11	6.97	14.2061747	1.53E-01	35065040	35065163	NC_000018.9
cg15182939	5.95E-10	4.78E-11	6.97	14.2056931	4.02E-02	67701995	67702118	NC_000003.11
cg02227188	5.95E-10	4.78E-11	6.97	14.2055174	2.04E-01	54396354	54396477	NC_000012.11
cg15829642	5.97E-10	4.79E-11	6.97	14.2034155	1.37E-01	140744983	140745106	NC_000005.9
cg09504874	5.97E-10	4.79E-11	6.97	14.2024653	3.06E-02	224713	224836	NC_000006.11
cg23338503	5.97E-10	4.79E-11	6.97	14.2023649	1.97E-01	169064530	169064653	NC_000005.9
cg06183256	5.98E-10	4.80E-11	6.97	14.2013978	9.91E-02	53124971	53125094	NC_000003.11
cg19909679	5.98E-10	4.80E-11	6.97	14.200519	1.36E-01	9812135	9812258	NC_000017.10
cg15215830	5.98E-10	4.80E-11	6.97	14.200396	1.09E-01	125999805	125999928	NC_000011.9
cg18867480	5.98E-10	4.80E-11	6.97	14.2003276	1.62E-01	27744816	27744939	NC_000011.9
cg18128969	5.98E-10	4.80E-11	6.97	14.2001805	1.36E-01	22369908	22370031	NC_000021.8
cg10675138	5.98E-10	4.80E-11	6.97	14.1998652	1.91E-01	166075504	166075627	NC_000006.11
cg09431525	5.98E-10	4.80E-11	6.97	14.1998202	8.18E-02	39993313	39993436	NC_000019.9
cg13835436	6.00E-10	4.82E-11	6.97	14.1969799	6.58E-02	69809807	69809930	NC_000011.9
cg02919936	6.01E-10	4.82E-11	6.97	14.1962734	1.94E-01	70982285	70982408	NC_000008.10

cg12610239	6.01E-10	4.82E-11	6.97	14.1958206	6.26E-02	2382748	2382871	NC_000001.10
cg17183752	6.01E-10	4.83E-11	6.97	14.1953524	8.87E-02	3508884	3509007	NC_000001.10
cg08581953	6.01E-10	4.83E-11	6.97	14.1952173	1.09E-01	25593057	25593180	NC_000013.10
cg12859211	6.02E-10	4.83E-11	6.97	14.1938777	2.39E-01	124735105	124735228	NC_000011.9
cg16499415	6.03E-10	4.84E-11	6.97	14.1925808	4.51E-02	61669675	61669798	NC_000014.8
cg00635522	6.03E-10	4.84E-11	6.97	14.1922677	5.17E-02	45396744	45396867	NC_000013.10
cg11635029	6.05E-10	4.86E-11	6.97	14.1878996	1.20E-01	130830829	130830952	NC_000010.10
cg05313279	6.06E-10	4.87E-11	6.97	14.1872809	5.44E-02	234627401	234627524	NC_000002.11
cg20417527	6.06E-10	4.87E-11	6.97	14.187066	1.41E-01	128300708	128300831	NC_000005.9
cg02058924	6.07E-10	4.88E-11	6.97	14.1850868	6.24E-02	133465592	133465715	NC_000012.11
cg18808506	6.07E-10	4.88E-11	6.97	14.184914	1.00E-01	142078020	142078143	NC_000005.9
cg07379703	6.07E-10	4.88E-11	6.97	14.1843592	1.20E-01	78279424	78279547	NC_000005.9
cg07930539	6.08E-10	4.88E-11	6.97	14.1834847	1.59E-01	177025975	177026098	NC_000002.11
cg15323936	6.08E-10	4.89E-11	6.97	14.1827485	9.37E-02	194996295	194996418	NC_000003.11
cg07439157	6.09E-10	4.90E-11	6.96	14.1809792	2.92E-02	74527263	74527386	NC_000017.10
cg20577477	6.10E-10	4.90E-11	6.96	14.1807349	1.36E-01	11668491	11668614	NC_000008.10
cg23232188	6.10E-10	4.90E-11	6.96	14.1804781	9.86E-02	121556543	121556666	NC_000003.11
cg22433574	6.10E-10	4.90E-11	6.96	14.1794728	1.80E-02	35849808	35849931	NC_000017.10
cg04131153	6.10E-10	4.91E-11	6.96	14.1793015	7.45E-02	19614541	19614664	NC_000014.8
cg04297507	6.11E-10	4.91E-11	6.96	14.1778204	1.07E-01	108749432	108749555	NC_000004.11
cg06962768	6.12E-10	4.92E-11	6.96	14.1770374	8.26E-02	37959782	37959905	NC_000007.13
cg22308726	6.12E-10	4.92E-11	6.96	14.176331	1.46E-01	4566575	4566698	NC_000019.9
cg11389960	6.12E-10	4.92E-11	6.96	14.1759391	1.09E-01	31277661	31277784	NC_000015.9
cg12577003	6.14E-10	4.93E-11	6.96	14.1736971	6.46E-02	2261337	2261460	NC_000007.13
cg03276401	6.14E-10	4.93E-11	6.96	14.1735458	1.27E-01	62225407	62225530	NC_000017.10



cg08356522	6.14E-10	4.94E-11	6.96	14.1727546	7.72E-02	4445948	4446071	NC_000010.10
cg26532358	6.14E-10	4.94E-11	6.96	14.1721917	2.30E-01	118228871	118228994	NC_000006.11
cg10497345	6.15E-10	4.95E-11	6.96	14.170969	1.16E-01	90172038	90172161	NC_000004.11
cg17146473	6.15E-10	4.95E-11	6.96	14.1709564	4.95E-02	32052428	32052551	NC_000006.11
cg07523788	6.15E-10	4.95E-11	6.96	14.1705815	2.66E-02	242572342	242572465	NC_000002.11
cg26576890	6.17E-10	4.96E-11	6.96	14.1685897	1.17E-01	41374939	41375062	NC_000006.11
cg05328667	6.17E-10	4.96E-11	6.96	14.1685196	8.73E-02	28015357	28015480	NC_000015.9
cg00743269	6.17E-10	4.96E-11	6.96	14.1678674	9.79E-02	60747654	60747777	NC_000017.10
cg03164800	6.17E-10	4.96E-11	6.96	14.1677823	5.31E-02	80836552	80836675	NC_000004.11
cg15531403	6.17E-10	4.96E-11	6.96	14.167677	1.95E-01	53852184	53852307	NC_000008.10
cg22672282	6.17E-10	4.97E-11	6.96	14.1670089	1.20E-01	44222974	44223097	NC_000019.9
cg04145134	6.18E-10	4.97E-11	6.96	14.1659231	1.46E-01	99697672	99697795	NC_000014.8
cg22605303	6.18E-10	4.98E-11	6.96	14.1652809	1.64E-01	91172472	91172595	NC_000001.10
cg07695835	6.20E-10	4.99E-11	6.96	14.1627701	1.76E-01	20985984	20986107	NC_000004.11
cg26014723	6.20E-10	4.99E-11	6.96	14.1626181	1.29E-01	71055476	71055599	NC_000002.11
cg15343119	6.21E-10	5.00E-11	6.96	14.1611747	1.83E-01	74961785	74961908	NC_000018.9
cg03834286	6.21E-10	5.00E-11	6.96	14.1611393	1.42E-01	3590482	3590605	NC_000005.9
cg11337915	6.21E-10	5.00E-11	6.96	14.1607684	1.27E-01	40719088	40719211	NC_000021.8
cg00449767	6.22E-10	5.00E-11	6.96	14.1597387	1.05E-01	45737603	45737726	NC_000019.9
cg09298920	6.22E-10	5.00E-11	6.96	14.1596975	7.70E-02	35859139	35859262	NC_000009.11
cg01445399	6.22E-10	5.00E-11	6.96	14.1596691	1.14E-01	87596934	87597057	NC_000001.10
cg24172509	6.22E-10	5.01E-11	6.96	14.159217	1.62E-01	140778424	140778547	NC_000005.9
cg00630237	6.23E-10	5.01E-11	6.96	14.1580711	2.80E-02	91433507	91433630	NC_000015.9
cg25324047	6.25E-10	5.03E-11	6.96	14.154719	2.03E-01	22765840	22765963	NC_000010.10
cg16332927	6.25E-10	5.03E-11	6.96	14.1541569	1.31E-01	37461350	37461473	NC_000006.11

cg00162806	6.25E-10	5.04E-11	6.96	14.1536028	1.25E-01	135051929	135052052	NC_000010.10
cg05680531	6.26E-10	5.04E-11	6.96	14.1533315	1.91E-01	136553327	136553450	NC_000007.13
cg15131934	6.26E-10	5.04E-11	6.96	14.1526045	1.02E-01	53659328	53659451	NC_000001.10
cg09571082	6.27E-10	5.05E-11	6.96	14.1508747	1.49E-01	14549941	14550064	NC_000006.11
cg10454766	6.27E-10	5.05E-11	6.96	14.1507016	1.87E-01	109293945	109294068	NC_000011.9
cg05296773	6.27E-10	5.05E-11	6.96	14.1502292	6.03E-02	93449339	93449462	NC_000012.11
cg02155048	6.28E-10	5.06E-11	6.96	14.1497004	7.78E-02	10721597	10721720	NC_000016.9
cg25787956	6.28E-10	5.06E-11	6.96	14.1492577	9.13E-02	77548882	77549005	NC_000018.9
cg02186782	6.28E-10	5.06E-11	6.96	14.1483696	1.69E-01	33602817	33602940	NC_000015.9
cg07927308	6.29E-10	5.07E-11	6.96	14.1477175	6.72E-02	84886961	84887084	NC_000016.9
cg27587310	6.30E-10	5.07E-11	6.96	14.1463173	1.10E-01	29204994	29205117	NC_000016.9
cg08141424	6.30E-10	5.08E-11	6.96	14.1458171	1.63E-01	73674087	73674210	NC_000003.11
cg16930746	6.30E-10	5.08E-11	6.96	14.1451394	1.38E-01	33780951	33781074	NC_000013.10
cg02732804	6.32E-10	5.09E-11	6.96	14.1422979	2.31E-01	28075269	28075392	NC_000016.9
cg04237666	6.32E-10	5.09E-11	6.96	14.1421864	1.28E-01	83674615	83674738	NC_000004.11
cg15921949	6.33E-10	5.10E-11	6.96	14.141342	1.71E-01	137486213	137486336	NC_000003.11
cg07422329	6.33E-10	5.10E-11	6.96	14.1411204	1.21E-01	186642182	186642305	NC_000001.10
cg16737018	6.34E-10	5.11E-11	6.96	14.13986	8.07E-02	103914581	103914704	NC_000014.8
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cg26775087	6.35E-10	5.11E-11	6.96	14.1382657	6.51E-02	15382808	15382931	NC_000003.11
cg14868994	6.35E-10	5.12E-11	6.96	14.1378515	1.60E-01	45155672	45155795	NC_000002.11
cg21657955	6.35E-10	5.12E-11	6.96	14.1374707	1.85E-01	19812578	19812701	NC_000007.13
cg07542000	6.36E-10	5.13E-11	6.96	14.1351974	5.90E-02	31258602	31258725	NC_000017.10
cg03701266	6.38E-10	5.14E-11	6.96	14.133409	6.99E-02	10649678	10649801	NC_000005.9
cg05418042	6.38E-10	5.14E-11	6.96	14.1329514	1.15E-01	16063771	16063894	NC_000012.11

cg18231690	6.38E-10	5.15E-11	6.96	14.1320875	6.29E-02	85294586	85294709	NC_000015.9
cg11229185	6.40E-10	5.16E-11	6.96	14.1297185	1.40E-01	22625274	22625397	NC_000010.10
cg22675745	6.41E-10	5.17E-11	6.96	14.1276296	9.42E-02	218577902	218578025	NC_000002.11
cg06110297	6.41E-10	5.17E-11	6.96	14.1270102	1.49E-01	22589830	22589953	NC_000007.13
cg04901179	6.41E-10	5.17E-11	6.96	14.1270008	5.89E-02	111430583	111430706	NC_000007.13
cg06330691	6.42E-10	5.18E-11	6.96	14.126595	1.81E-01	78673290	78673413	NC_000011.9
cg19876232	6.42E-10	5.18E-11	6.95	14.1260768	2.26E-02	52174504	52174627	NC_000010.10
cg13548946	6.43E-10	5.18E-11	6.95	14.1251957	9.06E-02	123350077	123350200	NC_000012.11
cg02655195	6.43E-10	5.18E-11	6.95	14.1249812	1.01E-01	166511914	166512037	NC_000006.11
cg21051964	6.44E-10	5.19E-11	6.95	14.1231127	5.70E-02	58022620	58022743	NC_000012.11
cg18182111	6.44E-10	5.20E-11	6.95	14.1224494	1.76E-01	37835111	37835234	NC_000005.9
cg26618965	6.44E-10	5.20E-11	6.95	14.1220955	1.91E-01	67874206	67874329	NC_000008.10
cg14573411	6.45E-10	5.20E-11	6.95	14.1217247	2.11E-01	126135992	126136115	NC_000009.11
cg08776908	6.45E-10	5.20E-11	6.95	14.1216092	1.63E-01	157898347	157898470	NC_000005.9
cg14339043	6.46E-10	5.21E-11	6.95	14.1199858	1.83E-01	4198058	4198181	NC_000019.9
cg24971112	6.47E-10	5.22E-11	6.95	14.1174076	1.25E-01	153385052	153385175	NC_000003.11
cg08247297	6.49E-10	5.24E-11	6.95	14.1150658	8.06E-02	46917541	46917664	NC_000021.8
cg05297328	6.49E-10	5.24E-11	6.95	14.1145493	5.02E-02	101532225	101532348	NC_000014.8
cg05928290	6.52E-10	5.26E-11	6.95	14.1104668	1.27E-01	54418728	54418851	NC_000014.8
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cg15272362	6.54E-10	5.29E-11	6.95	14.1059316	1.84E-01	25062823	25062946	NC_000020.10
cg25225155	6.55E-10	5.29E-11	6.95	14.1050461	9.70E-02	140222253	140222376	NC_000005.9

cg00779065	6.56E-10	5.30E-11	6.95	14.1035899	1.83E-01	61119218	61119341	NC_000014.8
cg05403433	6.57E-10	5.31E-11	6.95	14.1018282	1.17E-01	87088843	87088966	NC_000002.11
cg21053529	6.57E-10	5.31E-11	6.95	14.1012465	1.74E-01	35046760	35046883	NC_000015.9
cg00044796	6.57E-10	5.31E-11	6.95	14.1011017	1.67E-01	146552390	146552513	NC_000001.10
cg00264591	6.57E-10	5.31E-11	6.95	14.1009968	1.54E-01	1883514	1883637	NC_000005.9
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cg17958315	6.58E-10	5.32E-11	6.95	14.0995921	1.92E-01	127873552	127873675	NC_000005.9
cg00693401	6.58E-10	5.32E-11	6.95	14.0993562	3.24E-02	80655583	80655706	NC_000017.10
cg24981593	6.59E-10	5.32E-11	6.95	14.0991447	2.11E-01	45160253	45160376	NC_000002.11
cg15020132	6.59E-10	5.32E-11	6.95	14.0986767	1.06E-01	34122682	34122805	NC_000007.13
cg12581627	6.59E-10	5.33E-11	6.95	14.0980692	1.88E-01	61987935	61988058	NC_000013.10
cg03087912	6.59E-10	5.33E-11	6.95	14.0980135	1.63E-01	55379034	55379157	NC_000008.10
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cg11586570	6.62E-10	5.35E-11	6.95	14.0932594	1.47E-01	63498133	63498256	NC_000007.13
cg22719241	6.63E-10	5.36E-11	6.95	14.0925127	1.41E-01	36524058	36524181	NC_000019.9
cg17431391	6.64E-10	5.37E-11	6.95	14.0900234	1.14E-01	38042109	38042232	NC_000019.9
cg02593924	6.64E-10	5.37E-11	6.95	14.0899371	1.11E-01	1844998	1845121	NC_000016.9
cg16584393	6.65E-10	5.38E-11	6.95	14.0887946	1.32E-01	14747888	14748011	NC_000018.9
cg06218338	6.66E-10	5.38E-11	6.95	14.0881291	1.45E-01	27231894	27232017	NC_000007.13
cg19594666	6.66E-10	5.39E-11	6.95	14.0868279	1.06E-01	127881280	127881403	NC_000007.13
cg05063374	6.67E-10	5.40E-11	6.95	14.0858268	5.86E-02	38953512	38953635	NC_000017.10
cg22710398	6.67E-10	5.40E-11	6.95	14.0856225	5.34E-02	86349279	86349402	NC_000006.11
cg03826642	6.68E-10	5.40E-11	6.95	14.0846438	1.66E-01	10268858	10268981	NC_000006.11
cg16051195	6.69E-10	5.41E-11	6.95	14.0826236	1.55E-01	166268183	166268306	NC_000006.11

cg01231921	6.70E-10	5.42E-11	6.95	14.0807677	1.11E-01	241611991	241612114	NC_000002.11
cg15553500	6.71E-10	5.42E-11	6.95	14.0804263	1.07E-01	41880987	41881110	NC_000004.11
cg16384492	6.71E-10	5.43E-11	6.95	14.0797641	1.40E-01	40034481	40034604	NC_000001.10
cg23602453	6.71E-10	5.43E-11	6.95	14.079627	1.04E-01	246958862	246958985	NC_000001.10
cg18035571	6.71E-10	5.43E-11	6.95	14.079058	7.75E-02	176580675	176580798	NC_000005.9
cg11248812	6.73E-10	5.44E-11	6.95	14.0768115	6.54E-02	75502917	75503040	NC_000017.10
cg22856324	6.73E-10	5.45E-11	6.95	14.0763542	1.21E-01	72371255	72371378	NC_000002.11
cg12456799	6.73E-10	5.45E-11	6.95	14.0762351	1.81E-01	106441036	106441159	NC_000010.10
cg00183067	6.73E-10	5.45E-11	6.95	14.0757164	1.13E-01	151075493	151075616	NC_000006.11
cg07498975	6.74E-10	5.45E-11	6.95	14.0751101	4.00E-02	101338750	101338873	NC_000001.10
cg14529086	6.74E-10	5.46E-11	6.95	14.0741368	7.36E-02	35226828	35226951	NC_000019.9
cg01998089	6.75E-10	5.47E-11	6.95	14.0728895	5.40E-02	91205834	91205957	NC_000014.8
cg22707381	6.76E-10	5.47E-11	6.95	14.0724387	8.43E-02	66458942	66459065	NC_000011.9
cg07637213	6.76E-10	5.47E-11	6.95	14.071483	1.07E-01	50820604	50820727	NC_000010.10
cg00359590	6.77E-10	5.49E-11	6.94	14.0694824	1.12E-01	27469673	27469796	NC_000008.10
cg19049860	6.79E-10	5.49E-11	6.94	14.067864	1.01E-01	53040267	53040390	NC_000006.11
cg08729318	6.79E-10	5.50E-11	6.94	14.0676145	2.25E-01	29936839	29936962	NC_000012.11
cg07592136	6.79E-10	5.50E-11	6.94	14.066821	8.38E-02	51473480	51473603	NC_000019.9
cg11219883	6.79E-10	5.50E-11	6.94	14.0667413	7.67E-02	130501758	130501881	NC_000012.11
cg08580014	6.79E-10	5.50E-11	6.94	14.0665423	1.32E-01	118368634	118368757	NC_000010.10
cg03192598	6.80E-10	5.51E-11	6.94	14.0659113	2.43E-01	12305854	12305977	NC_000019.9
cg11403027	6.80E-10	5.51E-11	6.94	14.0657183	8.64E-02	42971411	42971534	NC_000005.9
cg01433520	6.80E-10	5.51E-11	6.94	14.0656157	2.30E-02	10363474	10363597	NC_000003.11
cg22799141	6.80E-10	5.51E-11	6.94	14.0650841	1.90E-01	114885621	114885744	NC_000012.11
cg05281894	6.81E-10	5.52E-11	6.94	14.0636107	2.07E-01	13910698	13910821	NC_000001.10

cg15624376	6.81E-10	5.52E-11	6.94	14.0635752	1.51E-01	27171391	27171514	NC_000007.13
cg20820996	6.81E-10	5.52E-11	6.94	14.0630402	6.55E-02	33749849	33749972	NC_000001.10
cg07986943	6.83E-10	5.53E-11	6.94	14.0611225	1.20E-01	176932579	176932702	NC_000002.11
cg17777676	6.83E-10	5.53E-11	6.94	14.0608105	1.25E-01	140186895	140187018	NC_000005.9
cg05457075	6.83E-10	5.54E-11	6.94	14.06046	3.17E-02	1676296	1676419	NC_000016.9
cg15028514	6.84E-10	5.54E-11	6.94	14.0592598	1.67E-01	61809841	61809964	NC_000020.10
cg14094639	6.84E-10	5.54E-11	6.94	14.0592136	1.09E-01	1309477	1309600	NC_000001.10
cg16035667	6.84E-10	5.55E-11	6.94	14.0586668	5.31E-02	197359987	197360110	NC_000003.11
cg18044383	6.86E-10	5.57E-11	6.94	14.055332	1.30E-01	59001158	59001281	NC_000018.9
cg07616499	6.87E-10	5.57E-11	6.94	14.0540025	1.04E-01	30324789	30324912	NC_000010.10
cg24494227	6.89E-10	5.58E-11	6.94	14.0519472	1.17E-01	168070460	168070583	NC_000006.11
cg10832304	6.89E-10	5.59E-11	6.94	14.0512192	2.09E-01	39998018	39998141	NC_000019.9
cg21390574	6.90E-10	5.60E-11	6.94	14.0499794	9.57E-02	122675597	122675720	NC_000003.11
cg03461296	6.90E-10	5.60E-11	6.94	14.0497819	6.38E-02	60637948	60638071	NC_000020.10
cg05121480	6.90E-10	5.60E-11	6.94	14.0489892	1.68E-01	187387601	187387724	NC_000003.11
cg11522612	6.91E-10	5.61E-11	6.94	14.0476707	9.11E-02	31687637	31687760	NC_000006.11
cg14504259	6.92E-10	5.61E-11	6.94	14.046918	1.31E-01	970882	971005	NC_000009.11
cg23064554	6.92E-10	5.62E-11	6.94	14.0462709	1.05E-01	15764095	15764218	NC_000001.10
cg19589939	6.93E-10	5.62E-11	6.94	14.0458462	1.86E-01	103355326	103355449	NC_000012.11
cg05402793	6.93E-10	5.62E-11	6.94	14.0455421	1.39E-01	149633660	149633783	NC_000002.11
cg11345811	6.93E-10	5.62E-11	6.94	14.0454388	1.07E-01	3283643	3283766	NC_000010.10
cg14032025	6.93E-10	5.62E-11	6.94	14.0448371	2.17E-01	50721129	50721252	NC_000020.10
cg23895340	6.93E-10	5.63E-11	6.94	14.0447965	1.74E-01	176973275	176973398	NC_000002.11
cg04853284	6.93E-10	5.63E-11	6.94	14.0447075	2.87E-02	91435964	91436087	NC_000015.9
cg07755203	6.94E-10	5.63E-11	6.94	14.044098	6.54E-02	150177004	150177127	NC_000002.11

cg02259324	6.94E-10	5.63E-11	6.94	14.0433646	1.64E-01	78111196	78111319	NC_000015.9
cg11557636	6.96E-10	5.65E-11	6.94	14.0408782	1.99E-01	37246751	37246874	NC_000004.11
cg21435375	6.96E-10	5.65E-11	6.94	14.0408208	9.30E-02	172878103	172878226	NC_000002.11
cg13021619	6.98E-10	5.66E-11	6.94	14.0380729	1.82E-01	23563859	23563982	NC_000008.10
cg08545287	6.99E-10	5.67E-11	6.94	14.0364973	1.55E-01	6069047	6069170	NC_000016.9
cg01181485	6.99E-10	5.67E-11	6.94	14.0362367	8.47E-02	153454027	153454150	NC_000004.11
cg07118985	6.99E-10	5.68E-11	6.94	14.036116	9.75E-02	51424481	51424604	NC_000003.11
cg18952647	6.99E-10	5.68E-11	6.94	14.0360997	1.65E-01	83953744	83953867	NC_000015.9
ch.2.216208170F	6.99E-10	5.68E-11	6.94	14.035607	6.07E-02	216499925	216500048	NC_000002.11
cg26232187	7.00E-10	5.68E-11	6.94	14.0347441	1.71E-01	88799300	88799423	NC_000015.9
cg16386984	7.01E-10	5.69E-11	6.94	14.0333667	3.17E-02	187216224	187216347	NC_000004.11
cg25019989	7.01E-10	5.69E-11	6.94	14.0329243	1.62E-01	54961835	54961958	NC_000004.11
cg01508023	7.02E-10	5.70E-11	6.94	14.0312769	1.89E-01	82136116	82136239	NC_000004.11
cg26217572	7.02E-10	5.71E-11	6.94	14.0308113	1.09E-01	27540240	27540363	NC_000013.10
cg27398401	7.03E-10	5.71E-11	6.94	14.0303108	1.13E-01	56976548	56976671	NC_000001.10
cg04370634	7.03E-10	5.71E-11	6.94	14.0298061	1.21E-01	31721446	31721569	NC_000003.11
cg24608684	7.04E-10	5.72E-11	6.94	14.028679	2.36E-01	130686865	130686988	NC_000006.11
cg27264049	7.05E-10	5.73E-11	6.94	14.0274563	1.79E-01	13537872	13537995	NC_000004.11
cg24705960	7.05E-10	5.73E-11	6.94	14.0267308	1.76E-01	62359456	62359579	NC_000003.11
cg10056728	7.06E-10	5.73E-11	6.94	14.0260731	8.76E-02	56497073	56497196	NC_000012.11
cg09960109	7.06E-10	5.74E-11	6.94	14.0251319	1.33E-01	134072237	134072360	NC_000004.11
cg12424785	7.06E-10	5.74E-11	6.94	14.0247364	1.47E-01	154728133	154728256	NC_000002.11
cg18762727	7.07E-10	5.74E-11	6.94	14.0244979	1.81E-01	101006089	101006212	NC_000007.13
cg07369950	7.07E-10	5.74E-11	6.94	14.0241339	1.81E-01	58609987	58610110	NC_000019.9
cg12158272	7.08E-10	5.75E-11	6.94	14.0228949	1.45E-01	119800972	119801095	NC_000005.9

cg20962532	7.09E-10	5.76E-11	6.94	14.0216621	1.30E-01	128712462	128712585	NC_000011.9
cg00314343	7.09E-10	5.76E-11	6.94	14.0213302	6.61E-02	92428182	92428305	NC_000015.9
cg04832466	7.10E-10	5.77E-11	6.94	14.0195285	1.50E-01	112760088	112760211	NC_000013.10
cg09396704	7.11E-10	5.78E-11	6.94	14.0184541	1.30E-01	203045229	203045352	NC_000001.10
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cg22076941	7.11E-10	5.78E-11	6.94	14.0173373	1.07E-01	70036106	70036229	NC_000001.10
cg06632762	7.12E-10	5.79E-11	6.94	14.0171055	2.18E-01	110230545	110230668	NC_000001.10
cg09906145	7.12E-10	5.79E-11	6.94	14.0169675	1.02E-01	67562424	67562547	NC_000016.9
cg03632245	7.13E-10	5.80E-11	6.93	14.0148587	8.26E-02	72590921	72591044	NC_000005.9
cg00070680	7.13E-10	5.80E-11	6.93	14.0146835	1.83E-01	137531956	137532079	NC_000007.13
cg03672342	7.14E-10	5.80E-11	6.93	14.0142373	2.13E-01	8094093	8094216	NC_000010.10
cg24669786	7.15E-10	5.81E-11	6.93	14.0127218	7.80E-02	92731118	92731241	NC_000007.13
cg07109453	7.15E-10	5.82E-11	6.93	14.0120652	1.74E-01	234669825	234669948	NC_000001.10
cg22876812	7.15E-10	5.82E-11	6.93	14.0120243	1.88E-01	71116188	71116311	NC_000002.11
cg04920689	7.15E-10	5.82E-11	6.93	14.0117886	1.60E-01	88800510	88800633	NC_000015.9
cg06697536	7.16E-10	5.82E-11	6.93	14.0105564	1.63E-01	177053496	177053619	NC_000002.11
cg20357628	7.16E-10	5.83E-11	6.93	14.010461	2.30E-01	58179847	58179970	NC_000020.10
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cg18783886	7.17E-10	5.83E-11	6.93	14.0096751	4.06E-02	148964538	148964661	NC_000007.13
cg10211298	7.17E-10	5.83E-11	6.93	14.0094411	1.46E-01	132757894	132758017	NC_000003.11
cg05266564	7.17E-10	5.83E-11	6.93	14.0088572	1.39E-01	177024502	177024625	NC_000002.11
cg15399466	7.19E-10	5.85E-11	6.93	14.0059446	1.40E-01	50696059	50696182	NC_000005.9
cg14823851	7.21E-10	5.87E-11	6.93	14.0033668	1.04E-01	59532306	59532429	NC_000017.10
cg10765171	7.21E-10	5.87E-11	6.93	14.0029735	8.95E-02	23270757	23270880	NC_000013.10
cg07598580	7.21E-10	5.87E-11	6.93	14.0027744	1.06E-01	86620525	86620648	NC_000001.10



cg22549437	7.22E-10	5.88E-11	6.93	14.001828	1.14E-01	18466223	18466346	NC_000006.11
cg04974290	7.22E-10	5.88E-11	6.93	14.0013544	1.75E-01	5001047	5001170	NC_000017.10
cg08599259	7.24E-10	5.89E-11	6.93	13.9990442	1.81E-01	38510933	38511056	NC_000001.10
cg24844202	7.24E-10	5.89E-11	6.93	13.9988894	3.10E-02	95072875	95072998	NC_000008.10
cg07923686	7.24E-10	5.90E-11	6.93	13.9986032	1.73E-01	65491318	65491441	NC_000008.10
cg00842325	7.24E-10	5.90E-11	6.93	13.9982086	1.89E-01	21503536	21503659	NC_000020.10
cg09784428	7.27E-10	5.92E-11	6.93	13.9949685	1.08E-01	134791450	134791573	NC_000010.10
cg22538780	7.27E-10	5.92E-11	6.93	13.9943846	1.75E-01	77585448	77585571	NC_000008.10
cg06847624	7.27E-10	5.92E-11	6.93	13.9943673	1.76E-01	176827671	176827794	NC_000005.9
cg20284937	7.27E-10	5.92E-11	6.93	13.9942129	3.62E-02	45002564	45002687	NC_000001.10
cg12973930	7.28E-10	5.93E-11	6.93	13.9927118	2.29E-01	57049695	57049818	NC_000019.9
cg11152033	7.29E-10	5.94E-11	6.93	13.9911913	3.67E-02	61542496	61542619	NC_000020.10
cg04865110	7.30E-10	5.94E-11	6.93	13.9905602	2.46E-01	6202558	6202681	NC_000004.11
cg12894776	7.31E-10	5.95E-11	6.93	13.9889505	4.64E-02	79792334	79792457	NC_000017.10
cg00949635	7.31E-10	5.95E-11	6.93	13.9888665	1.49E-01	103634624	103634747	NC_000004.11
cg04756597	7.31E-10	5.96E-11	6.93	13.9884381	7.65E-02	44730607	44730730	NC_000022.10
cg19109538	7.31E-10	5.96E-11	6.93	13.9882457	2.08E-01	88325263	88325386	NC_000013.10
cg04918696	7.31E-10	5.96E-11	6.93	13.9881863	1.34E-01	1004106	1004229	NC_000008.10
cg10739095	7.32E-10	5.97E-11	6.93	13.986854	1.96E-01	139653928	139654051	NC_000003.11
cg05390356	7.36E-10	5.99E-11	6.93	13.9823109	1.35E-01	10277983	10278106	NC_000001.10
cg14283944	7.36E-10	6.00E-11	6.93	13.9820962	1.93E-01	114883316	114883439	NC_000012.11
cg22987590	7.36E-10	6.00E-11	6.93	13.9815883	1.74E-01	21645524	21645647	NC_000008.10
cg14476670	7.37E-10	6.01E-11	6.93	13.9796331	9.67E-02	21352224	21352347	NC_000013.10
cg19579167	7.38E-10	6.01E-11	6.93	13.9792261	2.24E-01	5543878	5544001	NC_000018.9
cg14329508	7.38E-10	6.02E-11	6.93	13.978995	4.89E-02	18168289	18168412	NC_000020.10

cg11626195	7.39E-10	6.02E-11	6.93	13.9774345	3.65E-02	4823045	4823168	NC_000007.13
cg11368643	7.39E-10	6.03E-11	6.93	13.9769762	1.42E-01	140625059	140625182	NC_000005.9
cg11999288	7.41E-10	6.04E-11	6.93	13.9750332	4.72E-02	31637244	31637367	NC_000006.11
cg05860190	7.41E-10	6.04E-11	6.93	13.9746488	1.13E-01	30794065	30794188	NC_000020.10
cg27136844	7.41E-10	6.04E-11	6.93	13.9745334	1.80E-01	147142355	147142478	NC_000003.11
cg02442900	7.43E-10	6.06E-11	6.93	13.9712427	1.31E-01	234296642	234296765	NC_000002.11
cg23444265	7.44E-10	6.07E-11	6.93	13.9705083	1.98E-01	48918205	48918328	NC_000019.9
cg09042791	7.45E-10	6.08E-11	6.93	13.9692056	1.07E-01	235904300	235904423	NC_000002.11
cg01889284	7.46E-10	6.09E-11	6.93	13.9673596	9.23E-02	81890512	81890635	NC_000005.9
cg27116061	7.47E-10	6.10E-11	6.93	13.9659463	1.99E-01	3239638	3239761	NC_000016.9
cg00436633	7.47E-10	6.10E-11	6.93	13.9657823	3.90E-02	73061407	73061530	NC_000007.13
cg02718516	7.48E-10	6.10E-11	6.93	13.9651139	1.72E-01	13424094	13424217	NC_000008.10
cg03036592	7.48E-10	6.10E-11	6.93	13.9650836	1.65E-01	101287839	101287962	NC_000010.10
cg19358493	7.49E-10	6.11E-11	6.93	13.9637608	1.50E-01	119300942	119301065	NC_000010.10
cg27207796	7.49E-10	6.11E-11	6.93	13.9630742	1.96E-01	17783322	17783445	NC_000004.11
cg21929183	7.50E-10	6.12E-11	6.93	13.962251	1.60E-01	140807225	140807348	NC_000005.9
cg18121601	7.50E-10	6.12E-11	6.93	13.9618807	5.29E-02	1462838	1462961	NC_000017.10
cg14904115	7.50E-10	6.12E-11	6.93	13.9617417	4.41E-02	113488382	113488505	NC_000013.10
cg18987491	7.54E-10	6.15E-11	6.92	13.956879	1.07E-01	135033926	135034049	NC_000010.10
cg02110411	7.54E-10	6.15E-11	6.92	13.9566324	3.62E-02	38659139	38659262	NC_000017.10
cg23673980	7.55E-10	6.16E-11	6.92	13.9555897	5.58E-02	5641966	5642089	NC_000007.13
cg16306898	7.55E-10	6.16E-11	6.92	13.9554263	1.98E-01	1475675	1475798	NC_000001.10
cg12109455	7.55E-10	6.16E-11	6.92	13.9553034	1.49E-01	134000737	134000860	NC_000010.10
cg08768569	7.55E-10	6.17E-11	6.92	13.9543775	2.03E-01	106400565	106400688	NC_000010.10
cg12521353	7.57E-10	6.18E-11	6.92	13.9527117	2.49E-01	55204593	55204716	NC_000020.10

cg02758612	7.57E-10	6.18E-11	6.92	13.9526745	2.09E-01	53541186	53541309	NC_000019.9
cg08157228	7.57E-10	6.18E-11	6.92	13.9519314	1.71E-01	86544308	86544431	NC_000016.9
cg22368664	7.57E-10	6.18E-11	6.92	13.9518295	2.06E-01	133195196	133195319	NC_000012.11
cg01571977	7.59E-10	6.20E-11	6.92	13.9498674	8.54E-02	2337318	2337441	NC_000019.9
cg18420965	7.59E-10	6.20E-11	6.92	13.9494682	1.91E-01	66535145	66535268	NC_000004.11
cg05324776	7.59E-10	6.20E-11	6.92	13.9489995	9.60E-02	70002020	70002143	NC_000011.9
cg07256732	7.59E-10	6.20E-11	6.92	13.9488567	1.17E-01	621771	621894	NC_000016.9
cg05574272	7.63E-10	6.23E-11	6.92	13.943948	1.05E-01	33938213	33938336	NC_000005.9
cg21960859	7.64E-10	6.24E-11	6.92	13.9425219	2.00E-01	166795649	166795772	NC_000004.11
cg14148055	7.65E-10	6.25E-11	6.92	13.941892	2.38E-01	54411773	54411896	NC_000019.9
cg15372218	7.65E-10	6.25E-11	6.92	13.9406514	1.24E-01	156837707	156837830	NC_000007.13
cg17557284	7.66E-10	6.26E-11	6.92	13.939852	1.14E-01	93865479	93865602	NC_000003.11
cg11396585	7.67E-10	6.26E-11	6.92	13.9390431	6.14E-02	33273477	33273600	NC_000006.11
cg13654588	7.67E-10	6.27E-11	6.92	13.9389631	1.31E-01	120354081	120354204	NC_000010.10
cg00019678	7.68E-10	6.28E-11	6.92	13.9373814	9.46E-02	110154229	110154352	NC_000012.11
cg14030940	7.68E-10	6.28E-11	6.92	13.9373492	7.91E-02	101906274	101906397	NC_000014.8
cg24723331	7.68E-10	6.28E-11	6.92	13.9371167	1.81E-01	22487219	22487342	NC_000012.11
cg17362052	7.71E-10	6.30E-11	6.92	13.9334613	1.97E-01	107955762	107955885	NC_000004.11
cg05520940	7.71E-10	6.30E-11	6.92	13.9333054	1.55E-01	119534765	119534888	NC_000011.9
cg20824189	7.72E-10	6.31E-11	6.92	13.9312203	2.08E-01	1704082	1704205	NC_000007.13
cg07591403	7.73E-10	6.32E-11	6.92	13.9308669	2.10E-01	89267679	89267802	NC_000016.9
cg12568898	7.73E-10	6.32E-11	6.92	13.9308521	1.58E-01	53424049	53424172	NC_000013.10
cg04843067	7.73E-10	6.32E-11	6.92	13.9305986	1.24E-01	177016037	177016160	NC_000002.11
cg00920970	7.73E-10	6.32E-11	6.92	13.9299352	1.90E-01	152129388	152129511	NC_000006.11
cg24857620	7.74E-10	6.32E-11	6.92	13.9296525	2.14E-01	53851707	53851830	NC_000008.10

cg14286208	7.74E-10	6.33E-11	6.92	13.9294885	1.07E-01	20903445	20903568	NC_000014.8
cg25353171	7.74E-10	6.33E-11	6.92	13.9284859	1.35E-01	9755804	9755927	NC_000008.10
cg08160350	7.75E-10	6.34E-11	6.92	13.9278053	1.94E-01	996052	996175	NC_000004.11
cg02800810	7.75E-10	6.34E-11	6.92	13.9275982	1.24E-01	28340139	28340262	NC_000021.8
cg07903370	7.76E-10	6.34E-11	6.92	13.9266903	1.39E-01	3595106	3595229	NC_000005.9
cg17288397	7.76E-10	6.34E-11	6.92	13.9265904	1.77E-01	72715731	72715854	NC_000005.9
cg18438777	7.76E-10	6.35E-11	6.92	13.9260314	2.33E-01	164265745	164265868	NC_000004.11
cg04503968	7.76E-10	6.35E-11	6.92	13.9256254	1.43E-01	122423530	122423653	NC_000005.9
cg03792491	7.78E-10	6.36E-11	6.92	13.9236616	3.14E-02	95324966	95325089	NC_000010.10
cg16108230	7.78E-10	6.37E-11	6.92	13.9232506	1.45E-01	117584815	117584938	NC_000006.11
cg22001110	7.79E-10	6.37E-11	6.92	13.9221679	6.69E-02	31626313	31626436	NC_000006.11
cg26352161	7.81E-10	6.39E-11	6.92	13.9200891	9.13E-02	43071742	43071865	NC_000006.11
cg04272011	7.83E-10	6.40E-11	6.92	13.9175072	2.01E-01	79746359	79746482	NC_000014.8
cg11343449	7.84E-10	6.42E-11	6.92	13.9157234	2.54E-02	203001461	203001584	NC_000002.11
cg23820885	7.85E-10	6.42E-11	6.92	13.9146427	1.53E-01	114840942	114841065	NC_000012.11
cg27082921	7.86E-10	6.43E-11	6.92	13.9129308	1.51E-01	1800150	1800273	NC_000019.9
cg06652199	7.86E-10	6.44E-11	6.92	13.9126157	2.15E-01	5018715	5018838	NC_000012.11
cg02104456	7.86E-10	6.44E-11	6.92	13.9125935	7.76E-02	83726483	83726606	NC_000015.9
cg01518607	7.87E-10	6.44E-11	6.92	13.9116378	1.81E-01	27235891	27236014	NC_000006.11
cg07077013	7.87E-10	6.44E-11	6.92	13.9114928	1.34E-01	177025198	177025321	NC_000002.11
cg03552025	7.87E-10	6.44E-11	6.92	13.9112528	7.51E-02	52437451	52437574	NC_000012.11
cg06753057	7.87E-10	6.45E-11	6.92	13.9109975	6.80E-02	2382774	2382897	NC_000001.10
cg13797670	7.88E-10	6.45E-11	6.92	13.9104944	7.91E-02	116135281	116135404	NC_000009.11
cg13882606	7.88E-10	6.45E-11	6.92	13.9104839	9.12E-02	17101011	17101134	NC_000021.8
cg03775422	7.88E-10	6.45E-11	6.92	13.9102796	1.97E-01	54610192	54610315	NC_000007.13

cg04532057	7.88E-10	6.45E-11	6.92	13.9102634	1.08E-01	48704329	48704452	NC_000017.10
cg05348870	7.88E-10	6.45E-11	6.92	13.9097961	6.53E-02	6671045	6671168	NC_000019.9
cg06784991	7.91E-10	6.48E-11	6.92	13.9056722	1.13E-01	53308768	53308891	NC_000001.10
cg00187933	7.92E-10	6.48E-11	6.92	13.9054256	1.81E-01	996785	996908	NC_000004.11
cg11122195	7.92E-10	6.48E-11	6.92	13.9051252	6.12E-02	40732511	40732634	NC_000017.10
cg20855565	7.93E-10	6.50E-11	6.91	13.9033034	1.79E-01	248020350	248020473	NC_000001.10
cg27202646	7.93E-10	6.50E-11	6.91	13.9029694	6.04E-02	112071383	112071506	NC_000006.11
cg23760574	7.94E-10	6.50E-11	6.91	13.9027304	7.92E-02	32038097	32038220	NC_000006.11
cg02767613	7.95E-10	6.51E-11	6.91	13.9010698	2.08E-01	229569894	229570017	NC_000001.10
cg10161743	7.95E-10	6.52E-11	6.91	13.9004512	1.23E-01	48917816	48917939	NC_000019.9
cg16438688	7.96E-10	6.52E-11	6.91	13.8996433	1.16E-01	156815529	156815652	NC_000001.10
cg03209130	7.96E-10	6.52E-11	6.91	13.8993362	9.39E-02	107621307	107621430	NC_000011.9
cg16710348	7.96E-10	6.52E-11	6.91	13.8993242	1.30E-01	121660655	121660778	NC_000003.11
cg03295417	7.97E-10	6.53E-11	6.91	13.8983605	1.40E-01	14397892	14398015	NC_000016.9
cg18839609	7.97E-10	6.53E-11	6.91	13.8976197	1.22E-01	60936070	60936193	NC_000010.10
cg06974388	7.99E-10	6.55E-11	6.91	13.8951844	3.01E-02	161065862	161065985	NC_000001.10
cg09087087	8.01E-10	6.56E-11	6.91	13.8934062	8.09E-02	1656273	1656396	NC_000012.11
cg15911612	8.01E-10	6.57E-11	6.91	13.8926747	3.00E-02	25516343	25516466	NC_000014.8
cg01644518	8.01E-10	6.57E-11	6.91	13.8923802	1.04E-01	40889848	40889971	NC_000019.9
cg18998365	8.02E-10	6.57E-11	6.91	13.8916035	1.46E-01	142781532	142781655	NC_000005.9
cg20930366	8.03E-10	6.58E-11	6.91	13.8908414	1.48E-01	113698847	113698970	NC_000005.9
cg05923197	8.03E-10	6.58E-11	6.91	13.8907914	1.47E-01	54418804	54418927	NC_000014.8
cg07775293	8.04E-10	6.59E-11	6.91	13.8894638	5.79E-02	25572639	25572762	NC_000018.9
cg08980837	8.05E-10	6.60E-11	6.91	13.887352	1.58E-01	91172337	91172460	NC_000001.10
cg09639964	8.05E-10	6.60E-11	6.91	13.8872009	1.63E-01	909300	909423	NC_000017.10

cg19302831	8.05E-10	6.60E-11	6.91	13.8871594	1.56E-01	107502251	107502374	NC_000002.11
cg23248205	8.05E-10	6.61E-11	6.91	13.8869531	4.96E-02	24475283	24475406	NC_000013.10
cg19524824	8.07E-10	6.62E-11	6.91	13.8846759	1.20E-01	50023313	50023436	NC_000012.11
cg06550629	8.07E-10	6.62E-11	6.91	13.8844249	1.30E-01	131439172	131439295	NC_000012.11
cg23867997	8.08E-10	6.63E-11	6.91	13.8834454	2.32E-01	61810624	61810747	NC_000020.10
cg15557878	8.12E-10	6.66E-11	6.91	13.8790103	1.36E-01	110406049	110406172	NC_000005.9
cg13472735	8.13E-10	6.67E-11	6.91	13.8774921	5.20E-02	1215781	1215904	NC_000011.9
cg09759699	8.14E-10	6.68E-11	6.91	13.8757346	1.15E-01	23334250	23334373	NC_000011.9
cg12023513	8.15E-10	6.69E-11	6.91	13.8749927	5.46E-02	72483686	72483809	NC_000007.13
cg20027296	8.15E-10	6.69E-11	6.91	13.8746271	1.37E-01	170737396	170737519	NC_000005.9
cg22696426	8.15E-10	6.69E-11	6.91	13.8744513	1.24E-01	121250007	121250130	NC_000010.10
cg19094243	8.16E-10	6.70E-11	6.91	13.8735586	1.66E-01	193058628	193058751	NC_000002.11
cg15312264	8.17E-10	6.71E-11	6.91	13.8716319	1.66E-01	55907299	55907422	NC_000014.8
cg02168436	8.17E-10	6.71E-11	6.91	13.8715563	9.50E-02	37644675	37644798	NC_000014.8
cg27313642	8.18E-10	6.71E-11	6.91	13.8711298	1.55E-01	65291542	65291665	NC_000008.10
cg20518362	8.20E-10	6.73E-11	6.91	13.8687644	9.33E-02	80039295	80039418	NC_000011.9
cg12045715	8.20E-10	6.73E-11	6.91	13.8681468	4.44E-02	901805	901928	NC_000019.9
cg18491080	8.20E-10	6.73E-11	6.91	13.8680361	1.80E-01	60286463	60286586	NC_000015.9
cg02899206	8.21E-10	6.74E-11	6.91	13.8671788	2.33E-01	1779835	1779958	NC_000010.10
cg14298200	8.21E-10	6.74E-11	6.91	13.8667975	1.49E-01	65498812	65498935	NC_000008.10
cg08448886	8.21E-10	6.74E-11	6.91	13.8665733	4.16E-02	68560728	68560851	NC_000016.9
cg18139575	8.21E-10	6.75E-11	6.91	13.8662407	4.84E-02	195354978	195355101	NC_000003.11
cg04881036	8.23E-10	6.76E-11	6.91	13.864655	5.18E-02	65179732	65179855	NC_000012.11
cg27125439	8.24E-10	6.76E-11	6.91	13.8636723	1.10E-01	29311888	29312011	NC_000010.10
cg00745606	8.24E-10	6.77E-11	6.91	13.8627132	1.88E-01	89268847	89268970	NC_000016.9

cg03001942	8.25E-10	6.78E-11	6.91	13.8621064	1.60E-01	71115787	71115910	NC_000002.11
cg03502630	8.26E-10	6.79E-11	6.91	13.8605436	1.32E-01	126306654	126306777	NC_000006.11
cg27175491	8.27E-10	6.79E-11	6.91	13.8596632	2.77E-02	70425656	70425779	NC_000012.11
cg01097071	8.27E-10	6.79E-11	6.91	13.8596599	7.36E-02	77643816	77643939	NC_000018.9
cg19507160	8.27E-10	6.79E-11	6.91	13.8596507	1.27E-01	28227321	28227444	NC_000008.10
cg14522800	8.30E-10	6.82E-11	6.91	13.8558451	9.84E-02	4648566	4648689	NC_000017.10
cg22908000	8.31E-10	6.83E-11	6.91	13.8546256	1.52E-01	237489107	237489230	NC_000002.11
cg00177875	8.31E-10	6.83E-11	6.91	13.8537769	7.15E-02	75478404	75478527	NC_000011.9
cg14224762	8.33E-10	6.84E-11	6.91	13.8523599	1.52E-01	72596566	72596689	NC_000006.11
cg07138793	8.34E-10	6.85E-11	6.91	13.8510447	8.44E-02	28148330	28148453	NC_000015.9
cg15621651	8.35E-10	6.86E-11	6.91	13.8495945	4.74E-02	129796199	129796322	NC_000010.10
cg18208742	8.35E-10	6.86E-11	6.91	13.8495665	5.25E-02	42992872	42992995	NC_000017.10
cg10982031	8.36E-10	6.87E-11	6.91	13.8482615	6.84E-02	129330389	129330512	NC_000012.11
cg18021286	8.37E-10	6.88E-11	6.9	13.8467637	1.43E-01	115530371	115530494	NC_000011.9
cg23300659	8.37E-10	6.88E-11	6.9	13.8465635	1.63E-01	136553822	136553945	NC_000007.13
cg20770516	8.38E-10	6.89E-11	6.9	13.8456576	1.05E-01	104681396	104681519	NC_000007.13
cg26653392	8.40E-10	6.91E-11	6.9	13.8430825	1.12E-01	53001117	53001240	NC_000015.9
cg13101087	8.40E-10	6.91E-11	6.9	13.8427759	1.86E-01	154729059	154729182	NC_000002.11
cg09528660	8.41E-10	6.92E-11	6.9	13.8418095	8.19E-02	89568662	89568785	NC_000004.11
cg05227131	8.42E-10	6.92E-11	6.9	13.8409426	1.81E-01	21378220	21378343	NC_000020.10
cg09146197	8.42E-10	6.92E-11	6.9	13.8406916	1.40E-01	118033581	118033704	NC_000010.10
cg10421002	8.43E-10	6.93E-11	6.9	13.8392944	1.47E-01	33603610	33603733	NC_000015.9
cg08481543	8.43E-10	6.94E-11	6.9	13.8387574	7.92E-02	44223976	44224099	NC_000019.9
cg23288973	8.44E-10	6.95E-11	6.9	13.8374298	1.81E-01	135701050	135701173	NC_000005.9
cg15242330	8.45E-10	6.95E-11	6.9	13.837234	4.85E-02	27422532	27422655	NC_000002.11

cg02064106	8.45E-10	6.95E-11	6.9	13.8366096	2.24E-01	165722858	165722981	NC_000006.11
cg12670347	8.47E-10	6.97E-11	6.9	13.8346569	1.22E-01	114847578	114847701	NC_000012.11
cg06384463	8.48E-10	6.98E-11	6.9	13.8330902	1.49E-01	91182708	91182831	NC_000001.10
cg04154986	8.49E-10	6.99E-11	6.9	13.8319773	8.83E-02	16734819	16734942	NC_000017.10
cg17099397	8.49E-10	6.99E-11	6.9	13.8318054	2.00E-01	108508185	108508308	NC_000001.10
cg02663265	8.49E-10	6.99E-11	6.9	13.831764	1.96E-01	104513186	104513309	NC_000008.10
cg23922454	8.49E-10	6.99E-11	6.9	13.8316666	1.83E-01	113910545	113910668	NC_000012.11
cg03587978	8.50E-10	6.99E-11	6.9	13.8309272	1.31E-01	172165696	172165819	NC_000003.11
cg24549277	8.50E-10	7.00E-11	6.9	13.8307197	1.79E-01	28778121	28778244	NC_000006.11
cg02606327	8.50E-10	7.00E-11	6.9	13.830491	1.63E-01	31079406	31079529	NC_000012.11
cg18712755	8.50E-10	7.00E-11	6.9	13.8299278	2.34E-02	31600642	31600765	NC_000006.11
cg01695225	8.52E-10	7.01E-11	6.9	13.8283658	1.72E-01	73152672	73152795	NC_000002.11
cg03052301	8.54E-10	7.03E-11	6.9	13.8257504	1.64E-01	32459954	32460077	NC_000011.9
cg18424776	8.57E-10	7.06E-11	6.9	13.8215022	9.51E-02	8456316	8456439	NC_000019.9
cg16564033	8.59E-10	7.08E-11	6.9	13.8193309	1.90E-01	38067741	38067864	NC_000021.8
cg07362003	8.60E-10	7.08E-11	6.9	13.8186797	1.16E-01	157682747	157682870	NC_000002.11
cg19741945	8.60E-10	7.08E-11	6.9	13.8183268	1.70E-01	32859587	32859710	NC_000003.11
cg13977320	8.63E-10	7.11E-11	6.9	13.8148657	8.24E-02	116859631	116859754	NC_000009.11
cg01904776	8.63E-10	7.11E-11	6.9	13.8147948	4.15E-02	2153834	2153957	NC_000016.9
cg05571905	8.63E-10	7.11E-11	6.9	13.8144413	7.16E-02	125767795	125767918	NC_000010.10
cg13020868	8.64E-10	7.12E-11	6.9	13.8132959	1.60E-01	25522307	25522430	NC_000014.8
cg21032564	8.67E-10	7.15E-11	6.9	13.8093749	1.11E-01	65381956	65382079	NC_000015.9
cg19883813	8.68E-10	7.15E-11	6.9	13.8090963	1.52E-01	8098005	8098128	NC_000010.10
cg26553789	8.68E-10	7.16E-11	6.9	13.808234	5.08E-02	1616767	1616890	NC_000008.10
cg14028400	8.68E-10	7.16E-11	6.9	13.8081533	1.57E-01	28793656	28793779	NC_000006.11



cg19117365	8.70E-10	7.17E-11	6.9	13.8065291	1.64E-01	139653915	139654038	NC_000003.11
cg20521389	8.71E-10	7.18E-11	6.9	13.8052706	1.86E-01	21645509	21645632	NC_000008.10
cg23883058	8.74E-10	7.21E-11	6.9	13.801712	1.54E-01	5813866	5813989	NC_000002.11
cg09257824	8.74E-10	7.21E-11	6.9	13.8016578	1.65E-01	32455642	32455765	NC_000011.9
cg08737296	8.74E-10	7.21E-11	6.9	13.8014679	1.95E-01	61808691	61808814	NC_000020.10
cg25191332	8.74E-10	7.21E-11	6.9	13.8012734	1.41E-01	112062419	112062542	NC_000007.13
cg16786808	8.75E-10	7.21E-11	6.9	13.8004733	1.53E-01	222434497	222434620	NC_000002.11
cg15085447	8.76E-10	7.22E-11	6.9	13.79926	1.61E-01	137490846	137490969	NC_000003.11
cg01331196	8.77E-10	7.23E-11	6.9	13.7982931	1.28E-01	11287078	11287201	NC_000003.11
cg18066515	8.78E-10	7.24E-11	6.9	13.7971184	3.79E-02	124791616	124791739	NC_000012.11
cg11127874	8.78E-10	7.25E-11	6.9	13.7961995	6.71E-02	62214996	62215119	NC_000011.9
cg22216302	8.79E-10	7.25E-11	6.9	13.7960446	1.23E-01	33468207	33468330	NC_000020.10
cg03048654	8.79E-10	7.25E-11	6.9	13.7958326	2.09E-01	118893138	118893261	NC_000010.10
cg01456626	8.80E-10	7.26E-11	6.9	13.7947441	8.38E-02	38611497	38611620	NC_000017.10
cg24082871	8.80E-10	7.26E-11	6.9	13.7944888	1.51E-01	27333407	27333530	NC_000017.10
cg10864319	8.80E-10	7.26E-11	6.9	13.7944787	2.09E-01	164593498	164593621	NC_000002.11
cg13297560	8.80E-10	7.26E-11	6.9	13.7939846	1.73E-01	99320054	99320177	NC_000015.9
cg23725321	8.82E-10	7.27E-11	6.89	13.7922707	1.14E-01	102279690	102279813	NC_000010.10
cg09854003	8.82E-10	7.28E-11	6.89	13.7921436	1.76E-01	170743459	170743582	NC_000005.9
cg26369484	8.84E-10	7.29E-11	6.89	13.7898081	7.82E-02	46522464	46522587	NC_000017.10
cg14570291	8.85E-10	7.30E-11	6.89	13.7888607	1.40E-01	110672231	110672354	NC_000010.10
cg09416908	8.85E-10	7.30E-11	6.89	13.7884644	1.47E-01	86384670	86384793	NC_000011.9
cg20019163	8.86E-10	7.31E-11	6.89	13.7873906	5.67E-02	133809962	133810085	NC_000010.10
cg10157715	8.86E-10	7.31E-11	6.89	13.7871425	1.28E-01	35060679	35060802	NC_000017.10
cg07781035	8.86E-10	7.31E-11	6.89	13.7870202	2.27E-01	134871778	134871901	NC_000005.9

cg19284211	8.87E-10	7.32E-11	6.89	13.786028	1.41E-01	20347495	20347618	NC_000020.10
cg03940688	8.87E-10	7.32E-11	6.89	13.7858166	7.06E-02	46988236	46988359	NC_000020.10
cg01466017	8.88E-10	7.33E-11	6.89	13.7847775	2.26E-01	17496720	17496843	NC_000010.10
cg13906669	8.90E-10	7.35E-11	6.89	13.7819926	1.60E-01	100999399	100999522	NC_000011.9
cg08217234	8.91E-10	7.35E-11	6.89	13.7815232	1.24E-01	4042688	4042811	NC_000019.9
cg24357161	8.91E-10	7.36E-11	6.89	13.7809419	9.50E-02	9810114	9810237	NC_000017.10
cg03208044	8.94E-10	7.38E-11	6.89	13.7777488	5.78E-02	113337251	113337374	NC_000001.10
cg12069856	8.95E-10	7.39E-11	6.89	13.776852	3.60E-02	89438504	89438627	NC_000016.9
cg03874542	8.95E-10	7.40E-11	6.89	13.7760432	1.49E-01	8338503	8338626	NC_000010.10
cg14171414	8.97E-10	7.41E-11	6.89	13.774368	1.29E-01	53422474	53422597	NC_000013.10
cg23683620	8.97E-10	7.41E-11	6.89	13.7741038	7.48E-02	2753457	2753580	NC_000019.9
cg01285926	8.97E-10	7.41E-11	6.89	13.7737361	1.05E-01	56242554	56242677	NC_000007.13
cg13004587	8.98E-10	7.42E-11	6.89	13.7731514	2.46E-01	180017349	180017472	NC_000005.9
cg13288164	8.99E-10	7.43E-11	6.89	13.7721886	1.56E-01	140501380	140501503	NC_000005.9
cg19215671	8.99E-10	7.43E-11	6.89	13.7721022	1.52E-01	237081839	237081962	NC_000002.11
cg04146259	9.00E-10	7.43E-11	6.89	13.7710787	1.29E-01	85058259	85058382	NC_000014.8
cg16363146	9.02E-10	7.45E-11	6.89	13.7687512	1.01E-01	22689281	22689404	NC_000011.9
cg02841875	9.04E-10	7.47E-11	6.89	13.7660015	4.11E-02	6056063	6056186	NC_000001.10
cg22589822	9.05E-10	7.48E-11	6.89	13.7654423	6.01E-02	91912699	91912822	NC_000015.9
cg14023737	9.05E-10	7.48E-11	6.89	13.7645219	1.16E-01	132386878	132387001	NC_000009.11
cg07304923	9.06E-10	7.49E-11	6.89	13.7639876	9.60E-02	10323048	10323171	NC_000006.11
cg24754598	9.06E-10	7.49E-11	6.89	13.7637617	7.60E-02	95966488	95966611	NC_000014.8
cg18320917	9.08E-10	7.50E-11	6.89	13.7617309	5.29E-02	20644440	20644563	NC_000015.9
cg01148781	9.08E-10	7.51E-11	6.89	13.7613376	1.61E-01	99963021	99963144	NC_000008.10
cg14180839	9.09E-10	7.51E-11	6.89	13.7604801	1.26E-01	139142049	139142172	NC_000009.11

cg21000072	9.11E-10	7.53E-11	6.89	13.758846	1.27E-01	3567408	3567531	NC_000001.10
cg17368254	9.11E-10	7.53E-11	6.89	13.7582468	2.29E-01	95942847	95942970	NC_000012.11
cg02630045	9.11E-10	7.53E-11	6.89	13.7577882	4.54E-02	30303579	30303702	NC_000006.11
cg12950645	9.12E-10	7.54E-11	6.89	13.7573028	1.28E-01	71410605	71410728	NC_000015.9
cg10472919	9.12E-10	7.54E-11	6.89	13.75658	1.56E-01	135266805	135266928	NC_000005.9
cg11460282	9.14E-10	7.56E-11	6.89	13.7549735	1.37E-01	56297661	56297784	NC_000007.13
cg15091407	9.16E-10	7.57E-11	6.89	13.7527529	1.93E-01	57149499	57149622	NC_000019.9
cg22640193	9.16E-10	7.57E-11	6.89	13.7525773	8.51E-02	74884487	74884610	NC_000017.10
cg00569982	9.17E-10	7.59E-11	6.89	13.7510999	9.85E-02	75947572	75947695	NC_000006.11
cg12781568	9.17E-10	7.59E-11	6.89	13.750824	9.16E-02	32452038	32452161	NC_000011.9
cg18971671	9.18E-10	7.60E-11	6.89	13.7498844	5.46E-02	49401721	49401844	NC_000019.9
cg21446000	9.19E-10	7.61E-11	6.89	13.7484176	1.23E-01	115641974	115642097	NC_000004.11
cg20495183	9.20E-10	7.61E-11	6.89	13.7480868	1.57E-01	132814206	132814329	NC_000011.9
cg09813301	9.20E-10	7.62E-11	6.89	13.7471827	6.36E-02	411182	411305	NC_000016.9
cg11857704	9.22E-10	7.63E-11	6.89	13.7451554	1.73E-01	3750952	3751075	NC_000002.11
cg24886076	9.23E-10	7.64E-11	6.89	13.7442822	6.13E-02	192542576	192542699	NC_000001.10
cg19081437	9.23E-10	7.64E-11	6.89	13.7441832	1.78E-01	46655796	46655919	NC_000017.10
cg06908550	9.24E-10	7.65E-11	6.89	13.7433558	9.98E-02	222279701	222279824	NC_000001.10
cg14614811	9.24E-10	7.65E-11	6.89	13.7427765	1.74E-01	159399681	159399804	NC_000005.9
cg10612285	9.25E-10	7.65E-11	6.89	13.7423661	2.70E-02	59394689	59394812	NC_000015.9
cg01792403	9.25E-10	7.66E-11	6.89	13.7417864	1.58E-01	100626995	100627118	NC_000013.10
cg12486635	9.26E-10	7.67E-11	6.89	13.740899	9.02E-02	57828461	57828584	NC_000012.11
cg11194118	9.26E-10	7.67E-11	6.89	13.7407775	1.01E-01	134790922	134791045	NC_000010.10
cg12308631	9.26E-10	7.67E-11	6.89	13.7406851	7.03E-02	158454502	158454625	NC_000006.11
cg21872037	9.26E-10	7.67E-11	6.89	13.7402953	1.72E-01	6617470	6617593	NC_000017.10

cg22799321	9.27E-10	7.68E-11	6.89	13.739536	2.43E-01	93519621	93519744	NC_000007.13
cg24269991	9.27E-10	7.68E-11	6.89	13.7393998	7.09E-02	141069186	141069309	NC_000004.11
cg10687936	9.28E-10	7.69E-11	6.89	13.7378194	1.66E-01	125085322	125085445	NC_000003.11
cg17538280	9.28E-10	7.69E-11	6.89	13.7377542	2.00E-01	49812836	49812959	NC_000007.13
cg11499970	9.29E-10	7.70E-11	6.88	13.7366221	2.06E-01	167956581	167956704	NC_000005.9
cg13369817	9.31E-10	7.71E-11	6.88	13.7354628	9.96E-02	55116866	55116989	NC_000001.10
cg17188046	9.32E-10	7.72E-11	6.88	13.7335102	2.11E-01	166582197	166582320	NC_000006.11
cg00054971	9.33E-10	7.73E-11	6.88	13.7332422	5.21E-02	129796937	129797060	NC_000010.10
cg05374756	9.33E-10	7.73E-11	6.88	13.7327603	5.33E-02	37586943	37587066	NC_000020.10
cg08635822	9.33E-10	7.73E-11	6.88	13.7326609	9.27E-02	82958259	82958382	NC_000004.11
cg08110693	9.34E-10	7.74E-11	6.88	13.7319109	1.69E-01	36407533	36407656	NC_000006.11
cg17647597	9.34E-10	7.74E-11	6.88	13.7315494	3.52E-02	20935799	20935922	NC_000012.11
cg14210765	9.35E-10	7.75E-11	6.88	13.730343	7.61E-02	73628830	73628953	NC_000018.9
cg02884176	9.36E-10	7.76E-11	6.88	13.7294314	2.24E-01	88752219	88752342	NC_000002.11
cg02062404	9.37E-10	7.77E-11	6.88	13.7280556	3.21E-02	228295382	228295505	NC_000001.10
cg22885558	9.37E-10	7.77E-11	6.88	13.7276801	1.73E-01	137484220	137484343	NC_000003.11
cg12388397	9.38E-10	7.78E-11	6.88	13.7268022	4.72E-02	79517983	79518106	NC_000017.10
cg15157241	9.39E-10	7.78E-11	6.88	13.725842	1.18E-01	44396204	44396327	NC_000021.8
cg27172488	9.40E-10	7.79E-11	6.88	13.7251905	5.82E-02	157219499	157219622	NC_000007.13
cg01198033	9.42E-10	7.81E-11	6.88	13.7223632	1.54E-01	155302342	155302465	NC_000007.13
cg10577241	9.43E-10	7.82E-11	6.88	13.7212976	1.45E-01	77456283	77456406	NC_000015.9
cg27341926	9.44E-10	7.83E-11	6.88	13.7198249	2.31E-01	118032905	118033028	NC_000010.10
cg13033990	9.45E-10	7.83E-11	6.88	13.7194898	1.90E-01	28617304	28617427	NC_000003.11
cg18062333	9.45E-10	7.84E-11	6.88	13.7186942	1.23E-01	110446221	110446344	NC_000003.11
cg01899911	9.48E-10	7.86E-11	6.88	13.7157212	7.95E-02	1039070	1039193	NC_000007.13

cg24198889	9.48E-10	7.87E-11	6.88	13.715586	7.82E-02	2423215	2423338	NC_000011.9
cg11705975	9.49E-10	7.87E-11	6.88	13.7147942	7.92E-02	120354248	120354371	NC_000010.10
cg10490742	9.51E-10	7.89E-11	6.88	13.7120827	1.08E-01	127765504	127765627	NC_000012.11
cg13298963	9.52E-10	7.90E-11	6.88	13.7116025	1.77E-01	32483938	32484061	NC_000017.10
cg07401378	9.52E-10	7.90E-11	6.88	13.7113097	1.64E-01	37248675	37248798	NC_000013.10
cg02445664	9.52E-10	7.90E-11	6.88	13.7110266	1.78E-01	47210599	47210722	NC_000017.10
cg22734397	9.52E-10	7.90E-11	6.88	13.7108276	2.03E-01	134871942	134872065	NC_000005.9
cg16852704	9.53E-10	7.91E-11	6.88	13.7106377	1.29E-01	74743243	74743366	NC_000002.11
cg05843621	9.53E-10	7.91E-11	6.88	13.7102888	1.14E-01	80231999	80232122	NC_000017.10
cg25238480	9.56E-10	7.94E-11	6.88	13.7066836	1.19E-01	11335633	11335756	NC_000011.9
cg07875818	9.57E-10	7.94E-11	6.88	13.70622	2.73E-01	132261765	132261888	NC_000007.13
cg17677030	9.57E-10	7.94E-11	6.88	13.7061538	1.92E-01	50575069	50575192	NC_000002.11
cg21784383	9.57E-10	7.94E-11	6.88	13.7058041	1.69E-01	217311172	217311295	NC_000001.10
cg14950072	9.59E-10	7.96E-11	6.88	13.7039343	1.78E-01	7118122	7118245	NC_000018.9
cg06187770	9.60E-10	7.98E-11	6.88	13.7019933	1.64E-01	85484863	85484986	NC_000006.11
cg20595271	9.60E-10	7.98E-11	6.88	13.7019452	1.02E-01	111889200	111889323	NC_000012.11
cg20570313	9.63E-10	8.00E-11	6.88	13.6988441	8.05E-02	68772808	68772931	NC_000011.9
cg19175386	9.66E-10	8.02E-11	6.88	13.6961211	1.79E-01	115134496	115134619	NC_000012.11
cg01944044	9.66E-10	8.03E-11	6.88	13.6958339	1.72E-01	20084851	20084974	NC_000016.9
cg07618048	9.67E-10	8.03E-11	6.88	13.6949138	7.03E-02	75024638	75024761	NC_000007.13
cg09802835	9.67E-10	8.03E-11	6.88	13.694805	1.36E-01	71952131	71952254	NC_000011.9
cg07047280	9.68E-10	8.04E-11	6.88	13.6935651	1.28E-01	41516394	41516517	NC_000021.8
cg24018520	9.69E-10	8.05E-11	6.88	13.6931529	1.56E-01	175133103	175133226	NC_000004.11
cg27158341	9.69E-10	8.05E-11	6.88	13.6929861	4.42E-02	52959510	52959633	NC_000006.11
cg05981335	9.70E-10	8.06E-11	6.88	13.6920877	1.43E-01	81102562	81102685	NC_000012.11

cg09659227	9.70E-10	8.06E-11	6.88	13.6918463	1.57E-01	46797291	46797414	NC_000017.10
cg24511738	9.70E-10	8.06E-11	6.88	13.6911211	1.62E-01	9762716	9762839	NC_000008.10
cg09764761	9.72E-10	8.07E-11	6.88	13.6898492	1.22E-01	44105544	44105667	NC_000017.10
cg12409982	9.72E-10	8.08E-11	6.88	13.6895582	1.51E-01	137489312	137489435	NC_000003.11
cg19542816	9.73E-10	8.09E-11	6.88	13.688165	2.02E-01	177053295	177053418	NC_000002.11
cg07733257	9.75E-10	8.10E-11	6.88	13.6862225	1.36E-01	1882520	1882643	NC_000005.9
cg02763409	9.78E-10	8.13E-11	6.88	13.6834884	7.63E-02	239695552	239695675	NC_000002.11
cg25611723	9.78E-10	8.13E-11	6.88	13.6830474	8.12E-02	10453624	10453747	NC_000018.9
cg27439396	9.80E-10	8.15E-11	6.87	13.6805906	2.04E-02	21304091	21304214	NC_000013.10
cg05949020	9.81E-10	8.16E-11	6.87	13.6800854	1.70E-01	110693757	110693880	NC_000001.10
cg09435415	9.82E-10	8.17E-11	6.87	13.6785194	1.35E-01	105479383	105479506	NC_000008.10
cg05875410	9.83E-10	8.18E-11	6.87	13.6774169	1.32E-01	51187572	51187695	NC_000016.9
cg22819171	9.84E-10	8.18E-11	6.87	13.6771436	1.08E-01	53742252	53742375	NC_000001.10
cg07941953	9.84E-10	8.18E-11	6.87	13.6769327	9.76E-02	10508668	10508791	NC_000020.10
cg25160286	9.88E-10	8.22E-11	6.87	13.6728972	1.61E-01	27282308	27282431	NC_000007.13
cg24998791	9.89E-10	8.23E-11	6.87	13.6713007	9.69E-02	10454100	10454223	NC_000008.10
cg16108388	9.91E-10	8.24E-11	6.87	13.6697458	8.17E-02	41704631	41704754	NC_000006.11
cg03004999	9.91E-10	8.24E-11	6.87	13.6697075	1.19E-01	43152125	43152248	NC_000007.13
cg05005577	9.91E-10	8.24E-11	6.87	13.6695291	4.63E-02	18669132	18669255	NC_000022.10
cg01580681	9.91E-10	8.25E-11	6.87	13.6692799	1.67E-01	174450016	174450139	NC_000004.11
cg00259618	9.92E-10	8.25E-11	6.87	13.6686347	1.99E-01	103889655	103889778	NC_000012.11
cg05091519	9.92E-10	8.26E-11	6.87	13.6680045	1.67E-01	31839552	31839675	NC_000011.9
cg13585586	9.93E-10	8.26E-11	6.87	13.6674375	1.44E-01	104199266	104199389	NC_000009.11
cg07598199	9.95E-10	8.28E-11	6.87	13.6649236	1.06E-01	120056829	120056952	NC_000004.11
cg12869912	9.96E-10	8.29E-11	6.87	13.6643257	2.10E-01	58152803	58152926	NC_000020.10

cg14327228	9.96E-10	8.29E-11	6.87	13.6636806	9.90E-02	36343530	36343653	NC_000019.9
cg23421023	9.97E-10	8.30E-11	6.87	13.6626077	1.71E-01	40755165	40755288	NC_000008.10
cg13466809	9.98E-10	8.31E-11	6.87	13.6617488	7.26E-02	160542944	160543067	NC_000006.11
cg07419968	9.99E-10	8.31E-11	6.87	13.6613456	6.05E-02	106339081	106339204	NC_000001.10
cg06329574	1.00E-09	8.32E-11	6.87	13.6600822	1.70E-01	69634334	69634457	NC_000011.9
cg11196175	1.00E-09	8.34E-11	6.87	13.6586389	7.10E-02	21560541	21560664	NC_000014.8
cg22581933	1.00E-09	8.34E-11	6.87	13.6584977	5.38E-02	109797277	109797400	NC_000012.11
cg10277811	1.00E-09	8.35E-11	6.87	13.6569151	1.34E-01	68049474	68049597	NC_000017.10
cg10325478	1.00E-09	8.36E-11	6.87	13.6558325	1.77E-01	88793021	88793144	NC_000014.8
cg08749917	1.00E-09	8.36E-11	6.87	13.6557948	8.88E-02	186915320	186915443	NC_000003.11
cg11488401	1.01E-09	8.37E-11	6.87	13.654244	9.73E-02	77468373	77468496	NC_000016.9
cg25562106	1.01E-09	8.38E-11	6.87	13.6534227	7.61E-02	149891579	149891702	NC_000006.11
cg27483455	1.01E-09	8.38E-11	6.87	13.653392	8.31E-02	50475360	50475483	NC_000012.11
cg27279583	1.01E-09	8.39E-11	6.87	13.6526071	1.26E-01	61514753	61514876	NC_000017.10
cg18485627	1.01E-09	8.40E-11	6.87	13.6515522	3.61E-02	101340188	101340311	NC_000014.8
cg24151423	1.01E-09	8.40E-11	6.87	13.6514834	3.15E-02	61270712	61270835	NC_000020.10
cg17108388	1.01E-09	8.40E-11	6.87	13.651429	7.31E-02	204226566	204226689	NC_000001.10
cg04460847	1.01E-09	8.42E-11	6.87	13.6489807	1.36E-01	127841335	127841458	NC_000007.13
cg01653005	1.01E-09	8.43E-11	6.87	13.6473774	2.23E-01	8869105	8869228	NC_000017.10
cg00953201	1.01E-09	8.44E-11	6.87	13.6461046	1.68E-01	30156486	30156609	NC_000013.10
cg01015662	1.01E-09	8.44E-11	6.87	13.6460722	8.43E-02	40598394	40598517	NC_000001.10
cg22390041	1.01E-09	8.45E-11	6.87	13.6451552	1.32E-01	19226319	19226442	NC_000001.10
cg18543610	1.01E-09	8.46E-11	6.87	13.6442246	9.90E-02	100627929	100628052	NC_000013.10
cg14645027	1.02E-09	8.46E-11	6.87	13.6436063	1.00E-01	52642706	52642829	NC_000012.11
cg15335860	1.02E-09	8.47E-11	6.87	13.6429766	4.91E-02	56879323	56879446	NC_000007.13

cg07223180	1.02E-09	8.47E-11	6.87	13.6429724	9.25E-02	20989142	20989265	NC_000013.10
cg10553204	1.02E-09	8.47E-11	6.87	13.6429516	1.25E-01	20871195	20871318	NC_000002.11
cg10000952	1.02E-09	8.47E-11	6.87	13.6426212	1.72E-01	116451628	116451751	NC_000011.9
cg01033191	1.02E-09	8.49E-11	6.87	13.6408615	1.57E-01	62488850	62488973	NC_000010.10
cg23405575	1.02E-09	8.50E-11	6.87	13.6398469	1.78E-01	11034281	11034404	NC_000003.11
cg07827796	1.02E-09	8.51E-11	6.87	13.6385415	5.29E-02	33622959	33623082	NC_000019.9
cg21217540	1.02E-09	8.51E-11	6.87	13.6384305	1.09E-01	110752307	110752430	NC_000001.10
cg20122586	1.02E-09	8.51E-11	6.87	13.6381176	1.29E-01	53522821	53522944	NC_000004.11
cg12432236	1.02E-09	8.55E-11	6.87	13.6342392	1.55E-01	58209133	58209256	NC_000013.10
cg06091094	1.03E-09	8.55E-11	6.87	13.6335936	7.33E-02	44927766	44927889	NC_000011.9
cg00919971	1.03E-09	8.56E-11	6.87	13.6328894	1.43E-01	1286149	1286272	NC_000007.13
cg23765754	1.03E-09	8.56E-11	6.87	13.6324936	1.40E-01	30717766	30717889	NC_000019.9
cg20792294	1.03E-09	8.57E-11	6.87	13.6310926	1.77E-01	2165425	2165548	NC_000011.9
cg26575637	1.03E-09	8.58E-11	6.87	13.6306019	8.42E-02	16760056	16760179	NC_000012.11
cg03817667	1.03E-09	8.59E-11	6.87	13.6293942	1.87E-01	54609953	54610076	NC_000007.13
cg12106728	1.03E-09	8.59E-11	6.87	13.6291293	2.02E-01	115136258	115136381	NC_000012.11
cg00272971	1.03E-09	8.59E-11	6.87	13.6290407	1.74E-01	102419564	102419687	NC_000010.10
cg24827660	1.03E-09	8.60E-11	6.87	13.6279874	2.09E-01	58179538	58179661	NC_000020.10
cg17545182	1.03E-09	8.60E-11	6.87	13.6276479	1.21E-01	247694041	247694164	NC_000001.10
cg25121292	1.03E-09	8.61E-11	6.87	13.627237	1.07E-01	203036093	203036216	NC_000002.11
cg07817024	1.03E-09	8.62E-11	6.86	13.6258482	1.82E-01	119535500	119535623	NC_000001.10
cg04546557	1.04E-09	8.65E-11	6.86	13.6228198	1.14E-01	27262483	27262606	NC_000007.13
cg06088623	1.04E-09	8.65E-11	6.86	13.6225008	1.18E-01	8274890	8275013	NC_000019.9
cg08316825	1.04E-09	8.65E-11	6.86	13.622294	1.09E-01	151304547	151304670	NC_000005.9
cg20501434	1.04E-09	8.65E-11	6.86	13.6222653	1.23E-01	30868167	30868290	NC_000022.10



cg18972811	1.04E-09	8.67E-11	6.86	13.6205214	1.53E-01	20254736	20254859	NC_000004.11
cg25782229	1.04E-09	8.68E-11	6.86	13.6190065	1.55E-01	32450692	32450815	NC_000011.9
cg07213870	1.04E-09	8.68E-11	6.86	13.6184745	9.76E-02	123613331	123613454	NC_000011.9
cg16946271	1.04E-09	8.69E-11	6.86	13.6177634	5.68E-02	119666271	119666394	NC_000006.11
cg08121453	1.04E-09	8.69E-11	6.86	13.6177565	8.51E-02	248855364	248855487	NC_000001.10
cg20337028	1.04E-09	8.69E-11	6.86	13.6174858	5.26E-02	75181836	75181959	NC_000017.10
cg04600411	1.04E-09	8.70E-11	6.86	13.6167031	3.13E-02	40269556	40269679	NC_000017.10
cg20634967	1.04E-09	8.71E-11	6.86	13.6151079	2.44E-01	58204224	58204347	NC_000013.10
cg01524278	1.04E-09	8.71E-11	6.86	13.6149711	1.42E-01	54355460	54355583	NC_000012.11
cg02985568	1.04E-09	8.72E-11	6.86	13.6139382	1.66E-01	15753565	15753688	NC_000021.8
cg26952362	1.05E-09	8.75E-11	6.86	13.6110869	6.29E-02	72820053	72820176	NC_000010.10
cg06173889	1.05E-09	8.75E-11	6.86	13.6109157	1.30E-01	5835853	5835976	NC_000002.11
cg08777316	1.05E-09	8.77E-11	6.86	13.6083697	1.23E-01	158531511	158531634	NC_000005.9
cg24855045	1.05E-09	8.78E-11	6.86	13.6081338	1.01E-01	18938449	18938572	NC_000010.10
cg24914278	1.05E-09	8.79E-11	6.86	13.606974	2.03E-01	109799739	109799862	NC_000008.10
cg03167413	1.05E-09	8.79E-11	6.86	13.6062467	1.82E-01	113723093	113723216	NC_000007.13
cg11469051	1.05E-09	8.81E-11	6.86	13.6042122	1.10E-01	24804131	24804254	NC_000004.11
cg10776230	1.06E-09	8.82E-11	6.86	13.6037057	1.29E-01	245851226	245851349	NC_000001.10
cg09536516	1.06E-09	8.82E-11	6.86	13.6033843	3.83E-02	30934475	30934598	NC_000007.13
cg10977667	1.06E-09	8.85E-11	6.86	13.5996638	1.07E-01	31053799	31053922	NC_000016.9
cg04123357	1.06E-09	8.85E-11	6.86	13.5992908	7.93E-02	46929500	46929623	NC_000021.8
cg22048474	1.06E-09	8.86E-11	6.86	13.5990842	1.70E-01	55366834	55366957	NC_000008.10
cg05033560	1.06E-09	8.86E-11	6.86	13.5987632	5.89E-02	172173145	172173268	NC_000005.9
cg14185341	1.06E-09	8.87E-11	6.86	13.5980596	6.27E-02	51829712	51829835	NC_000010.10
cg24928333	1.06E-09	8.88E-11	6.86	13.596991	1.80E-01	44790141	44790264	NC_000018.9

cg01590753	1.06E-09	8.88E-11	6.86	13.5969057	1.90E-01	177714373	177714496	NC_000004.11
cg21948716	1.06E-09	8.88E-11	6.86	13.5967453	1.10E-01	145562756	145562879	NC_000008.10
cg03042281	1.06E-09	8.89E-11	6.86	13.5958915	8.00E-02	17608394	17608517	NC_000019.9
cg27109006	1.06E-09	8.89E-11	6.86	13.5956303	1.40E-01	61378423	61378546	NC_000015.9
cg09251429	1.06E-09	8.90E-11	6.86	13.5945551	1.62E-01	124735128	124735251	NC_000011.9
cg19850348	1.06E-09	8.90E-11	6.86	13.594229	2.05E-01	55880997	55881120	NC_000015.9
cg17152757	1.06E-09	8.90E-11	6.86	13.5940685	1.58E-01	172166258	172166381	NC_000003.11
cg21773872	1.07E-09	8.91E-11	6.86	13.592864	2.02E-01	30722320	30722443	NC_000007.13
cg11675630	1.07E-09	8.91E-11	6.86	13.5927069	7.85E-02	29255881	29256004	NC_000002.11
cg02153747	1.07E-09	8.92E-11	6.86	13.5922966	1.03E-01	29917507	29917630	NC_000010.10
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cg26990102	1.07E-09	8.94E-11	6.86	13.5900362	1.74E-01	119606746	119606869	NC_000002.11
cg03935991	1.07E-09	8.94E-11	6.86	13.5898611	5.39E-02	33592746	33592869	NC_000010.10
cg00147850	1.07E-09	8.96E-11	6.86	13.5878397	5.46E-02	144994715	144994838	NC_000001.10
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cg13004897	1.07E-09	8.97E-11	6.86	13.5869988	8.64E-02	177225404	177225527	NC_000005.9
cg03734437	1.07E-09	8.97E-11	6.86	13.5868959	2.20E-01	97173526	97173649	NC_000008.10
cg14289511	1.07E-09	8.98E-11	6.86	13.585795	1.67E-01	24682446	24682569	NC_000016.9
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cg25173574	1.07E-09	8.98E-11	6.86	13.5853813	3.81E-02	154112549	154112672	NC_000004.11
cg04909529	1.07E-09	8.98E-11	6.86	13.5852517	5.17E-02	104218302	104218425	NC_000012.11
cg01824466	1.08E-09	9.00E-11	6.86	13.583716	1.70E-01	95959531	95959654	NC_000008.10
cg06014958	1.08E-09	9.00E-11	6.86	13.5836337	1.64E-01	10425553	10425676	NC_000006.11
cg23564700	1.08E-09	9.00E-11	6.86	13.5833287	2.17E-01	5544169	5544292	NC_000018.9

cg08801446	1.08E-09	9.01E-11	6.86	13.5824933	1.17E-01	36626126	36626249	NC_000002.11
cg03151469	1.08E-09	9.01E-11	6.86	13.5824554	1.39E-01	176936091	176936214	NC_000002.11
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cg04175027	1.08E-09	9.01E-11	6.86	13.5819783	1.59E-01	123418722	123418845	NC_000002.11
cg17523945	1.08E-09	9.03E-11	6.86	13.5801894	1.28E-01	46732351	46732474	NC_000019.9
cg19523085	1.08E-09	9.04E-11	6.86	13.5792631	1.86E-01	28339477	28339600	NC_000021.8
cg13617198	1.08E-09	9.05E-11	6.86	13.5783057	1.83E-01	77594256	77594379	NC_000008.10
cg19803052	1.08E-09	9.06E-11	6.86	13.5771444	1.40E-01	19813244	19813367	NC_000007.13
cg01005365	1.08E-09	9.08E-11	6.86	13.5748533	1.47E-01	76029522	76029645	NC_000005.9
cg09916357	1.08E-09	9.08E-11	6.86	13.5743719	1.02E-01	157397131	157397254	NC_000004.11
cg14017655	1.09E-09	9.09E-11	6.86	13.5734152	2.32E-01	133562193	133562316	NC_000006.11
cg02923490	1.09E-09	9.10E-11	6.86	13.5726732	8.75E-02	37872019	37872142	NC_000006.11
cg22333214	1.09E-09	9.11E-11	6.86	13.5709301	2.36E-01	98511789	98511912	NC_000001.10
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cg27454064	1.09E-09	9.12E-11	6.85	13.5705199	1.28E-01	64215611	64215734	NC_000012.11
cg20573931	1.09E-09	9.12E-11	6.85	13.5704973	9.93E-02	79710803	79710926	NC_000008.10
cg00216693	1.09E-09	9.12E-11	6.85	13.5704381	5.91E-02	131913247	131913370	NC_000002.11
cg04405466	1.09E-09	9.12E-11	6.85	13.5698675	6.63E-02	105851087	105851210	NC_000010.10
cg14515453	1.09E-09	9.14E-11	6.85	13.568523	1.58E-01	19158041	19158164	NC_000007.13
cg25456468	1.09E-09	9.14E-11	6.85	13.5683019	2.12E-01	54394116	54394239	NC_000012.11
cg15659537	1.09E-09	9.14E-11	6.85	13.5678029	1.05E-01	75712028	75712151	NC_000012.11
cg04856042	1.09E-09	9.15E-11	6.85	13.5675564	6.68E-02	115752704	115752827	NC_000003.11
cg18594777	1.09E-09	9.15E-11	6.85	13.5673273	3.03E-02	53342353	53342476	NC_000001.10
cg13407144	1.09E-09	9.17E-11	6.85	13.5645264	5.28E-02	33468337	33468460	NC_000010.10
cg26157385	1.10E-09	9.18E-11	6.85	13.5634002	1.31E-01	248020641	248020764	NC_000001.10

cg15993083	1.10E-09	9.19E-11	6.85	13.5630587	2.07E-01	4381788	4381911	NC_000012.11
cg08326300	1.10E-09	9.19E-11	6.85	13.5623399	9.07E-02	80319770	80319893	NC_000010.10
cg00056541	1.10E-09	9.20E-11	6.85	13.5621009	1.10E-01	164288623	164288746	NC_000006.11
cg23413924	1.10E-09	9.23E-11	6.85	13.5581259	9.61E-02	45427734	45427857	NC_000015.9
cg00648184	1.10E-09	9.25E-11	6.85	13.5566372	1.41E-01	60828157	60828280	NC_000017.10
cg09008705	1.10E-09	9.25E-11	6.85	13.5563246	2.32E-01	115880865	115880988	NC_000001.10
cg06392574	1.10E-09	9.26E-11	6.85	13.5552109	1.35E-01	37212272	37212395	NC_000006.11
cg17354303	1.11E-09	9.28E-11	6.85	13.5532388	1.04E-01	96716665	96716788	NC_000009.11
cg03175305	1.11E-09	9.29E-11	6.85	13.552721	1.56E-01	179754483	179754606	NC_000003.11
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cg19003412	1.11E-09	9.30E-11	6.85	13.5512965	1.11E-01	74277799	74277922	NC_000004.11
cg19764326	1.11E-09	9.30E-11	6.85	13.5509825	4.74E-02	67509003	67509126	NC_000001.10
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cg02965712	1.12E-09	9.39E-11	6.85	13.5416107	6.84E-02	77746028	77746151	NC_000001.10
cg11909748	1.12E-09	9.40E-11	6.85	13.5409855	1.49E-01	52956674	52956797	NC_000019.9
cg20635409	1.12E-09	9.42E-11	6.85	13.5382601	1.38E-01	103359273	103359396	NC_000012.11
cg15376615	1.12E-09	9.42E-11	6.85	13.5382102	2.11E-01	153858822	153858945	NC_000005.9
cg23473285	1.12E-09	9.43E-11	6.85	13.5380344	1.79E-01	72596698	72596821	NC_000006.11

cg02746161	1.12E-09	9.44E-11	6.85	13.536724	2.45E-02	114117367	114117490	NC_000010.10
cg26923754	1.12E-09	9.44E-11	6.85	13.5363815	9.69E-02	16063122	16063245	NC_000001.10
cg09298852	1.12E-09	9.44E-11	6.85	13.5362188	5.08E-02	1574816	1574939	NC_000019.9
cg19352038	1.13E-09	9.45E-11	6.85	13.5357412	1.45E-01	223164869	223164992	NC_000002.11
cg25490475	1.13E-09	9.46E-11	6.85	13.5339358	7.24E-02	28702222	28702345	NC_000011.9
cg12465710	1.13E-09	9.47E-11	6.85	13.5337923	1.27E-01	135042885	135043008	NC_000010.10
cg05978864	1.13E-09	9.47E-11	6.85	13.5335196	3.28E-02	30105174	30105297	NC_000006.11
cg09694722	1.13E-09	9.47E-11	6.85	13.5331846	1.22E-01	2161318	2161441	NC_000011.9
cg20813996	1.13E-09	9.47E-11	6.85	13.5331106	1.97E-01	166422741	166422864	NC_000006.11
cg09825327	1.13E-09	9.47E-11	6.85	13.53308	1.30E-01	211503219	211503342	NC_000001.10
cg00647217	1.13E-09	9.48E-11	6.85	13.5328334	1.52E-01	165086866	165086989	NC_000001.10
cg23864514	1.13E-09	9.49E-11	6.85	13.5316516	8.64E-02	22882512	22882635	NC_000007.13
cg21678813	1.13E-09	9.50E-11	6.85	13.5305784	1.81E-01	20229879	20230002	NC_000011.9
cg13575161	1.13E-09	9.51E-11	6.85	13.5289441	2.26E-01	4381792	4381915	NC_000012.11
cg11635125	1.13E-09	9.51E-11	6.85	13.5288502	2.75E-02	108728931	108729054	NC_000011.9
cg08500128	1.14E-09	9.56E-11	6.85	13.5245136	1.29E-01	10763670	10763793	NC_000012.11
cg23262036	1.14E-09	9.56E-11	6.85	13.5244653	1.92E-01	96647021	96647144	NC_000007.13
cg25827102	1.14E-09	9.57E-11	6.85	13.5232389	5.06E-02	89880727	89880850	NC_000015.9
cg11200635	1.14E-09	9.57E-11	6.85	13.5226705	1.83E-01	43573195	43573318	NC_000010.10
cg16203271	1.14E-09	9.59E-11	6.85	13.5210523	6.01E-02	27306681	27306804	NC_000002.11
cg14611112	1.14E-09	9.59E-11	6.85	13.5210134	1.51E-01	139643351	139643474	NC_000009.11
cg10897631	1.14E-09	9.60E-11	6.85	13.5204941	1.15E-01	195773232	195773355	NC_000003.11
cg01403123	1.14E-09	9.60E-11	6.85	13.5201964	3.75E-02	240287795	240287918	NC_000002.11
cg27122213	1.14E-09	9.61E-11	6.85	13.5193943	1.87E-01	57274763	57274886	NC_000014.8
cg03284392	1.14E-09	9.61E-11	6.85	13.5191271	1.34E-01	141071438	141071561	NC_000005.9

cg03545536	1.15E-09	9.64E-11	6.85	13.5162211	2.67E-02	99905334	99905457	NC_000007.13
cg09515953	1.15E-09	9.65E-11	6.84	13.515054	1.65E-01	38747355	38747478	NC_000019.9
cg27513979	1.15E-09	9.65E-11	6.84	13.5145189	1.73E-01	96743895	96744018	NC_000013.10
cg13478228	1.15E-09	9.67E-11	6.84	13.5131764	2.10E-01	70209432	70209555	NC_000018.9
cg21728840	1.15E-09	9.68E-11	6.84	13.5118393	1.18E-01	57829009	57829132	NC_000019.9
cg00320608	1.15E-09	9.68E-11	6.84	13.5116528	1.15E-01	29116256	29116379	NC_000002.11
cg04884908	1.15E-09	9.69E-11	6.84	13.5112914	1.77E-01	72374840	72374963	NC_000002.11
cg14306161	1.15E-09	9.69E-11	6.84	13.5105637	8.84E-02	71102111	71102234	NC_000015.9
cg08074528	1.15E-09	9.70E-11	6.84	13.5099066	6.48E-02	50528586	50528709	NC_000022.10
cg17016922	1.15E-09	9.71E-11	6.84	13.5090114	9.50E-02	141195365	141195488	NC_000005.9
cg04191403	1.15E-09	9.71E-11	6.84	13.5088056	1.45E-01	87637999	87638122	NC_000016.9
cg27628784	1.16E-09	9.74E-11	6.84	13.5059257	1.70E-01	131767387	131767510	NC_000010.10
cg23850212	1.16E-09	9.74E-11	6.84	13.5054287	2.14E-01	57049857	57049980	NC_000019.9
cg24625984	1.16E-09	9.75E-11	6.84	13.5049124	1.20E-01	130279707	130279830	NC_000010.10
cg25486757	1.16E-09	9.77E-11	6.84	13.5027557	1.60E-01	73674074	73674197	NC_000003.11
cg20492034	1.16E-09	9.78E-11	6.84	13.5021359	1.78E-01	6313058	6313181	NC_000007.13
cg10441640	1.16E-09	9.78E-11	6.84	13.5020194	5.69E-02	33031065	33031188	NC_000012.11
cg23732781	1.16E-09	9.79E-11	6.84	13.5006849	1.13E-01	29595016	29595139	NC_000006.11
cg00025647	1.16E-09	9.79E-11	6.84	13.5005736	1.43E-01	147077127	147077250	NC_000003.11
cg23098693	1.16E-09	9.79E-11	6.84	13.5004753	1.35E-01	118150813	118150936	NC_000001.10
cg19673705	1.16E-09	9.81E-11	6.84	13.4991938	3.62E-02	7532359	7532482	NC_000011.9
cg21529323	1.17E-09	9.81E-11	6.84	13.4986399	1.89E-01	89910860	89910983	NC_000015.9
cg18548400	1.17E-09	9.83E-11	6.84	13.4967947	6.78E-02	182506874	182506997	NC_000003.11
cg20550790	1.17E-09	9.84E-11	6.84	13.4953429	1.33E-01	92906240	92906363	NC_000005.9
cg14248715	1.17E-09	9.85E-11	6.84	13.494724	1.84E-01	57284096	57284219	NC_000014.8

cg05966228	1.17E-09	9.85E-11	6.84	13.4945518	8.95E-02	67666442	67666565	NC_000016.9
cg24891434	1.17E-09	9.86E-11	6.84	13.4939676	1.13E-01	69934031	69934154	NC_000011.9
cg11743470	1.17E-09	9.86E-11	6.84	13.4936385	6.99E-02	74327277	74327400	NC_000005.9
cg24461964	1.17E-09	9.86E-11	6.84	13.4935272	2.08E-01	149633112	149633235	NC_000002.11
cg25456849	1.17E-09	9.86E-11	6.84	13.4935141	1.26E-01	79575334	79575457	NC_000015.9
cg08092513	1.17E-09	9.87E-11	6.84	13.4932009	3.75E-02	32886140	32886263	NC_000013.10
cg23542968	1.17E-09	9.89E-11	6.84	13.4903349	1.49E-01	36983129	36983252	NC_000014.8
cg11503274	1.17E-09	9.90E-11	6.84	13.4897762	1.18E-01	149546934	149547057	NC_000005.9
cg05970777	1.18E-09	9.91E-11	6.84	13.4889506	1.21E-01	34490033	34490156	NC_000016.9
cg12707907	1.18E-09	9.91E-11	6.84	13.4885046	7.41E-02	86370772	86370895	NC_000013.10
cg10859329	1.18E-09	9.92E-11	6.84	13.4877264	7.95E-02	54413218	54413341	NC_000014.8
cg24884142	1.18E-09	9.92E-11	6.84	13.4877039	1.45E-01	119532056	119532179	NC_000001.10
cg26308133	1.18E-09	9.93E-11	6.84	13.4865425	4.61E-02	8809360	8809483	NC_000019.9
cg19356082	1.18E-09	9.94E-11	6.84	13.4860166	6.03E-02	68862916	68863039	NC_000012.11
cg14486857	1.18E-09	9.97E-11	6.84	13.4831881	5.58E-02	977048	977171	NC_000011.9
cg18387156	1.18E-09	9.97E-11	6.84	13.4831382	1.56E-01	31496644	31496767	NC_000008.10
cg11260097	1.18E-09	9.98E-11	6.84	13.4822147	1.36E-01	121940647	121940770	NC_000007.13
cg11812928	1.19E-09	1.00E-10	6.84	13.4780517	7.49E-02	227164459	227164582	NC_000001.10
cg16175560	1.19E-09	1.00E-10	6.84	13.4763926	6.52E-02	119685050	119685173	NC_000004.11
cg00736523	1.19E-09	1.00E-10	6.84	13.4763413	1.44E-01	32783202	32783325	NC_000009.11
cg04675040	1.19E-09	1.00E-10	6.84	13.4756588	7.69E-02	93316104	93316227	NC_000015.9
cg15475851	1.19E-09	1.01E-10	6.84	13.4748991	1.39E-01	105037349	105037472	NC_000010.10
cg22058708	1.19E-09	1.01E-10	6.84	13.4742281	1.70E-01	28602970	28603093	NC_000006.11
cg11556489	1.19E-09	1.01E-10	6.84	13.4740336	1.33E-01	30178724	30178847	NC_000006.11
cg11235741	1.19E-09	1.01E-10	6.84	13.4732451	1.99E-01	82336869	82336992	NC_000015.9

cg06664258	1.19E-09	1.01E-10	6.84	13.4726787	2.12E-01	103889903	103890026	NC_000012.11
cg26064247	1.19E-09	1.01E-10	6.84	13.4726723	7.45E-02	33792972	33793095	NC_000011.9
cg17879912	1.20E-09	1.01E-10	6.84	13.4713145	3.65E-02	118626530	118626653	NC_000005.9
cg08726446	1.20E-09	1.01E-10	6.84	13.4704137	1.52E-01	108237937	108238060	NC_000012.11
cg19683251	1.20E-09	1.01E-10	6.84	13.4698771	3.27E-02	60762219	60762342	NC_000017.10
cg20306574	1.20E-09	1.01E-10	6.84	13.4698033	1.18E-01	24601499	24601622	NC_000014.8
cg02604524	1.20E-09	1.01E-10	6.84	13.4685348	2.82E-01	128720884	128721007	NC_000003.11
cg08031211	1.20E-09	1.01E-10	6.84	13.4673541	7.00E-02	68751981	68752104	NC_000012.11
cg06808751	1.20E-09	1.01E-10	6.84	13.4664261	1.97E-01	54163693	54163816	NC_000008.10
cg10939650	1.20E-09	1.01E-10	6.84	13.4661561	3.26E-02	76013186	76013309	NC_000014.8
cg18493027	1.20E-09	1.01E-10	6.84	13.4659802	1.83E-01	70346151	70346274	NC_000014.8
cg16135698	1.20E-09	1.01E-10	6.84	13.4656411	1.59E-01	46825179	46825302	NC_000017.10
cg18032969	1.21E-09	1.02E-10	6.84	13.4624343	1.35E-01	145725385	145725508	NC_000005.9
cg20307896	1.21E-09	1.02E-10	6.84	13.4623062	1.63E-01	114883063	114883186	NC_000012.11
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cg23437733	1.21E-09	1.02E-10	6.84	13.4604534	2.43E-01	178017571	178017694	NC_000005.9
cg15604467	1.21E-09	1.02E-10	6.84	13.4601397	1.62E-01	79177925	79178048	NC_000013.10
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cg02916312	1.21E-09	1.02E-10	6.83	13.4567777	2.17E-01	72596135	72596258	NC_000006.11
cg14563954	1.22E-09	1.03E-10	6.83	13.453593	1.39E-01	147141286	147141409	NC_000003.11
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cg19426522	1.22E-09	1.03E-10	6.83	13.4469109	1.26E-01	27766009	27766132	NC_000003.11



cg09318375	1.22E-09	1.03E-10	6.83	13.4464866	1.55E-01	67218090	67218213	NC_000001.10
cg24761366	1.23E-09	1.04E-10	6.83	13.4444403	1.47E-01	60936866	60936989	NC_000010.10
cg23938300	1.23E-09	1.04E-10	6.83	13.4427382	1.46E-01	60292055	60292178	NC_000015.9
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cg11430157	1.23E-09	1.04E-10	6.83	13.4409562	2.59E-01	118228869	118228992	NC_000006.11
cg12601118	1.23E-09	1.04E-10	6.83	13.4401838	5.69E-02	9859123	9859246	NC_000017.10
cg13252583	1.23E-09	1.04E-10	6.83	13.4394441	2.35E-01	36909831	36909954	NC_000019.9
cg12742826	1.24E-09	1.04E-10	6.83	13.4369312	4.44E-02	26365331	26365454	NC_000001.10
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cg02387803	1.24E-09	1.05E-10	6.83	13.4356396	1.89E-01	147123457	147123580	NC_000003.11
cg09938462	1.24E-09	1.05E-10	6.83	13.4337518	2.00E-01	19706365	19706488	NC_000022.10
cg08460041	1.24E-09	1.05E-10	6.83	13.4329602	1.80E-01	165325136	165325259	NC_000001.10
cg20711695	1.24E-09	1.05E-10	6.83	13.4327982	3.19E-02	124698165	124698288	NC_000004.11
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cg07262139	1.24E-09	1.05E-10	6.83	13.4321215	1.04E-01	134253609	134253732	NC_000011.9
cg10603004	1.24E-09	1.05E-10	6.83	13.4319651	1.46E-01	23564294	23564417	NC_000008.10
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cg10764068	1.24E-09	1.05E-10	6.83	13.429897	1.17E-01	27289829	27289952	NC_000007.13
cg04240553	1.24E-09	1.05E-10	6.83	13.4296133	8.71E-02	67188614	67188737	NC_000016.9
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cg10718130	1.25E-09	1.06E-10	6.83	13.4267267	9.74E-02	145539893	145540016	NC_000008.10
cg01716474	1.25E-09	1.06E-10	6.83	13.4260383	3.35E-02	56615274	56615397	NC_000006.11

cg12640000	1.25E-09	1.06E-10	6.83	13.425233	1.30E-01	62660741	62660864	NC_000001.10
cg24584367	1.25E-09	1.06E-10	6.83	13.4246251	7.73E-02	156565633	156565756	NC_000001.10
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cg25026529	1.25E-09	1.06E-10	6.83	13.4218554	1.95E-01	91183051	91183174	NC_000001.10
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cg10806639	1.26E-09	1.07E-10	6.83	13.4168876	1.73E-01	33780078	33780201	NC_000013.10
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cg22942846	1.27E-09	1.07E-10	6.83	13.4114854	1.06E-01	161646918	161647041	NC_000001.10
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cg21239317	1.27E-09	1.07E-10	6.83	13.4108927	8.69E-02	23640510	23640633	NC_000007.13
cg13574488	1.27E-09	1.07E-10	6.83	13.4102564	1.24E-01	119306246	119306369	NC_000010.10
cg16703135	1.27E-09	1.08E-10	6.83	13.4087879	1.05E-01	55517132	55517255	NC_000007.13
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cg23827572	1.27E-09	1.08E-10	6.83	13.4053642	2.19E-01	114846313	114846436	NC_000012.11
cg08291069	1.27E-09	1.08E-10	6.83	13.4053092	1.44E-01	10531543	10531666	NC_000019.9
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cg17610790	1.28E-09	1.08E-10	6.82	13.4034475	7.12E-02	32276752	32276875	NC_000020.10
cg04511041	1.28E-09	1.08E-10	6.82	13.4029622	1.88E-01	140613869	140613992	NC_000005.9

cg13731636	1.28E-09	1.08E-10	6.82	13.4025002	6.68E-02	77287213	77287336	NC_000018.9
cg09557462	1.28E-09	1.08E-10	6.82	13.4010626	1.74E-01	26721736	26721859	NC_000008.10
cg03464224	1.28E-09	1.08E-10	6.82	13.4009871	1.65E-01	154439980	154440103	NC_000004.11
cg03486157	1.28E-09	1.08E-10	6.82	13.4006789	3.45E-02	29208275	29208398	NC_000008.10
cg08535260	1.28E-09	1.08E-10	6.82	13.4005816	1.89E-01	127643971	127644094	NC_000002.11
cg07592963	1.28E-09	1.09E-10	6.82	13.3998067	1.95E-01	2890649	2890772	NC_000011.9
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cg26415343	1.29E-09	1.09E-10	6.82	13.3955852	1.09E-01	30683404	30683527	NC_000007.13
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cg03030984	1.29E-09	1.09E-10	6.82	13.3940212	8.58E-02	134833874	134833997	NC_000010.10
cg04954615	1.29E-09	1.09E-10	6.82	13.3940059	5.20E-02	56913133	56913256	NC_000004.11
cg02482497	1.29E-09	1.09E-10	6.82	13.3934572	1.90E-01	153610672	153610795	NC_000001.10
cg03911502	1.29E-09	1.09E-10	6.82	13.393407	2.09E-01	5890402	5890525	NC_000004.11
cg00015319	1.29E-09	1.09E-10	6.82	13.3925659	1.02E-01	54500832	54500955	NC_000012.11
cg23683254	1.29E-09	1.09E-10	6.82	13.3913954	1.74E-01	99584667	99584790	NC_000014.8
cg01823440	1.29E-09	1.09E-10	6.82	13.3912311	4.64E-02	120870729	120870852	NC_000008.10
cg25781202	1.29E-09	1.09E-10	6.82	13.39113	2.18E-02	33424350	33424473	NC_000008.10
cg07441319	1.29E-09	1.10E-10	6.82	13.3897588	1.18E-01	8117467	8117590	NC_000010.10
cg10454514	1.29E-09	1.10E-10	6.82	13.3892687	1.63E-01	136553778	136553901	NC_000007.13
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cg01684901	1.30E-09	1.10E-10	6.82	13.3866092	2.39E-02	184058405	184058528	NC_000003.11
cg14510359	1.30E-09	1.10E-10	6.82	13.3860325	1.81E-01	2559930	2560053	NC_000001.10
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cg03104309	1.30E-09	1.10E-10	6.82	13.3846248	6.22E-02	51052080	51052203	NC_000019.9

cg26159541	1.30E-09	1.10E-10	6.82	13.3831881	1.18E-01	58326121	58326244	NC_000020.10
cg07420190	1.30E-09	1.11E-10	6.82	13.3811296	2.95E-01	220702225	220702348	NC_000001.10
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cg08561286	1.30E-09	1.11E-10	6.82	13.3807635	9.61E-02	121567875	121567998	NC_000002.11
cg07974511	1.30E-09	1.11E-10	6.82	13.3801254	1.63E-01	63283013	63283136	NC_000002.11
cg13713148	1.30E-09	1.11E-10	6.82	13.3798298	4.15E-02	22545322	22545445	NC_000008.10
cg07405771	1.30E-09	1.11E-10	6.82	13.3797523	1.43E-01	124930625	124930748	NC_000003.11
cg05435993	1.30E-09	1.11E-10	6.82	13.3793505	1.09E-01	50239406	50239529	NC_000003.11
cg23532828	1.30E-09	1.11E-10	6.82	13.3793338	7.77E-02	54544119	54544242	NC_000019.9
cg14964285	1.31E-09	1.11E-10	6.82	13.3791601	6.17E-02	4435533	4435656	NC_000012.11
cg23093016	1.31E-09	1.11E-10	6.82	13.3782427	4.11E-02	113486498	113486621	NC_000002.11
cg10765336	1.31E-09	1.11E-10	6.82	13.3781084	1.12E-01	359491	359614	NC_000019.9
cg00417823	1.31E-09	1.11E-10	6.82	13.3774273	9.39E-02	56330268	56330391	NC_000016.9
cg20689135	1.31E-09	1.11E-10	6.82	13.3771822	1.39E-01	113764225	113764348	NC_000013.10
cg08538258	1.31E-09	1.11E-10	6.82	13.3769049	1.62E-01	46706820	46706943	NC_000021.8
cg26272623	1.31E-09	1.11E-10	6.82	13.3753779	1.24E-01	119532320	119532443	NC_000001.10
cg23234261	1.31E-09	1.11E-10	6.82	13.3753443	1.02E-01	55582407	55582530	NC_000014.8
cg05618934	1.31E-09	1.11E-10	6.82	13.3740075	1.28E-01	1407592	1407715	NC_000004.11
cg05791136	1.31E-09	1.11E-10	6.82	13.3734707	1.94E-01	110223969	110224092	NC_000004.11
cg20472643	1.31E-09	1.12E-10	6.82	13.3727734	1.52E-01	33591899	33592022	NC_000012.11
cg14956197	1.32E-09	1.12E-10	6.82	13.3704254	1.91E-01	36993831	36993954	NC_000014.8
cg03631455	1.32E-09	1.12E-10	6.82	13.3689434	1.17E-01	140595072	140595195	NC_000005.9
cg02401978	1.32E-09	1.12E-10	6.82	13.3687885	1.05E-01	149195465	149195588	NC_000007.13
cg12700755	1.32E-09	1.12E-10	6.82	13.3685281	6.74E-02	2258373	2258496	NC_000001.10
cg00522018	1.32E-09	1.12E-10	6.82	13.3662937	1.88E-01	139091378	139091501	NC_000009.11

cg06604249	1.32E-09	1.12E-10	6.82	13.3654202	1.42E-01	8814755	8814878	NC_000016.9
cg01113073	1.32E-09	1.12E-10	6.82	13.3645973	9.33E-02	155686868	155686991	NC_000006.11
cg10049708	1.32E-09	1.12E-10	6.82	13.3645378	1.60E-01	6201080	6201203	NC_000004.11
cg04762890	1.33E-09	1.13E-10	6.82	13.3624795	7.14E-02	58077795	58077918	NC_000016.9
cg10054984	1.33E-09	1.13E-10	6.82	13.3623208	5.47E-02	129329790	129329913	NC_000012.11
cg08316417	1.33E-09	1.13E-10	6.82	13.361805	2.12E-01	5890430	5890553	NC_000004.11
cg22841810	1.33E-09	1.13E-10	6.82	13.359447	1.79E-01	25902284	25902407	NC_000008.10
cg08854366	1.33E-09	1.13E-10	6.82	13.3594304	2.29E-02	142229820	142229943	NC_000008.10
cg16414660	1.33E-09	1.13E-10	6.82	13.3587973	1.07E-01	234338088	234338211	NC_000002.11
cg06651752	1.33E-09	1.13E-10	6.82	13.3583382	1.12E-01	3592976	3593099	NC_000017.10
cg00942495	1.33E-09	1.13E-10	6.82	13.3581546	1.33E-01	76214616	76214739	NC_000015.9
cg23189276	1.33E-09	1.13E-10	6.82	13.357231	1.65E-01	37245916	37246039	NC_000004.11
cg23685759	1.33E-09	1.13E-10	6.82	13.3558881	2.17E-01	98945131	98945254	NC_000010.10
cg20457544	1.34E-09	1.14E-10	6.82	13.3547635	9.48E-02	2920603	2920726	NC_000001.10
cg06377278	1.34E-09	1.14E-10	6.82	13.3546269	2.27E-01	25256369	25256492	NC_000001.10
cg18198999	1.34E-09	1.14E-10	6.82	13.3544485	1.85E-01	50890153	50890276	NC_000001.10
cg06535156	1.34E-09	1.14E-10	6.82	13.3516707	9.29E-02	155538055	155538178	NC_000006.11
cg15701208	1.34E-09	1.14E-10	6.82	13.3515615	5.95E-02	139465825	139465948	NC_000002.11
cg06003986	1.34E-09	1.14E-10	6.81	13.3487763	1.87E-01	35104868	35104991	NC_000018.9
cg01416521	1.34E-09	1.14E-10	6.81	13.3483366	7.08E-02	56047632	56047755	NC_000019.9
cg15136870	1.34E-09	1.14E-10	6.81	13.3478208	1.30E-01	18717036	18717159	NC_000019.9
cg04642306	1.34E-09	1.14E-10	6.81	13.3477949	1.12E-01	112834466	112834589	NC_000011.9
cg26095658	1.35E-09	1.15E-10	6.81	13.3461423	9.42E-02	71017887	71018010	NC_000002.11
cg23638252	1.35E-09	1.15E-10	6.81	13.3458839	1.36E-01	50891750	50891873	NC_000001.10
cg06233930	1.35E-09	1.15E-10	6.81	13.3440064	9.03E-02	76899379	76899502	NC_000017.10

cg13086467	1.35E-09	1.15E-10	6.81	13.3431049	8.75E-02	12779373	12779496	NC_000019.9
cg20359994	1.35E-09	1.15E-10	6.81	13.3417693	1.44E-01	27599141	27599264	NC_000006.11
cg06724462	1.35E-09	1.15E-10	6.81	13.3412923	7.03E-02	41266297	41266420	NC_000001.10
cg23178550	1.35E-09	1.15E-10	6.81	13.3404662	1.12E-01	27127576	27127699	NC_000007.13
cg02715006	1.35E-09	1.15E-10	6.81	13.3403047	9.94E-02	140803130	140803253	NC_000005.9
cg18206017	1.36E-09	1.15E-10	6.81	13.3392775	1.90E-01	84563387	84563510	NC_000006.11
cg27344587	1.36E-09	1.15E-10	6.81	13.338609	1.18E-01	63275602	63275725	NC_000002.11
cg13678470	1.36E-09	1.16E-10	6.81	13.3369082	1.07E-01	140137615	140137738	NC_000009.11
cg20708909	1.36E-09	1.16E-10	6.81	13.3368567	9.24E-02	132812607	132812730	NC_000011.9
cg04407470	1.36E-09	1.16E-10	6.81	13.3367673	2.68E-01	108489977	108490100	NC_000006.11
cg08516217	1.36E-09	1.16E-10	6.81	13.3356434	9.69E-02	38887799	38887922	NC_000019.9
cg01836687	1.36E-09	1.16E-10	6.81	13.335435	1.71E-01	17081987	17082110	NC_000022.10
cg10121058	1.36E-09	1.16E-10	6.81	13.3348721	1.14E-01	84553063	84553186	NC_000016.9
cg27365825	1.36E-09	1.16E-10	6.81	13.3340209	1.90E-01	18059130	18059253	NC_000002.11
cg23132327	1.36E-09	1.16E-10	6.81	13.3330052	9.43E-02	80167599	80167722	NC_000011.9
cg05780883	1.37E-09	1.16E-10	6.81	13.3306216	6.07E-02	49883097	49883220	NC_000022.10
cg05961935	1.37E-09	1.17E-10	6.81	13.3298921	1.69E-01	145274125	145274248	NC_000002.11
cg10279055	1.37E-09	1.17E-10	6.81	13.3274702	4.20E-02	134117051	134117174	NC_000011.9
cg02026246	1.37E-09	1.17E-10	6.81	13.3266126	1.12E-01	22687589	22687712	NC_000011.9
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cg14377593	1.38E-09	1.17E-10	6.81	13.3234873	1.95E-01	93520183	93520306	NC_000007.13
cg08377398	1.38E-09	1.17E-10	6.81	13.3228155	2.60E-01	6202553	6202676	NC_000004.11
cg03746765	1.38E-09	1.18E-10	6.81	13.3207095	1.08E-01	15288099	15288222	NC_000017.10
cg16557178	1.38E-09	1.18E-10	6.81	13.3206285	1.57E-01	46804309	46804432	NC_000017.10
cg06621480	1.38E-09	1.18E-10	6.81	13.3206224	8.35E-02	49812410	49812533	NC_000022.10

cg09515947	1.38E-09	1.18E-10	6.81	13.3203384	1.61E-01	62070005	62070128	NC_000016.9
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cg15729404	1.38E-09	1.18E-10	6.81	13.3193974	1.66E-01	133561614	133561737	NC_000006.11
cg21533331	1.38E-09	1.18E-10	6.81	13.3190476	1.54E-01	31848049	31848172	NC_000019.9
cg25513073	1.38E-09	1.18E-10	6.81	13.3189883	1.29E-01	2481641	2481764	NC_000011.9
cg19049837	1.38E-09	1.18E-10	6.81	13.3175871	1.02E-01	85293337	85293460	NC_000002.11
cg20586076	1.38E-09	1.18E-10	6.81	13.3175025	1.19E-01	133252332	133252455	NC_000010.10
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cg26823505	1.39E-09	1.18E-10	6.81	13.3149543	1.09E-01	35765589	35765712	NC_000006.11
cg04504062	1.39E-09	1.18E-10	6.81	13.3144833	5.21E-02	8840829	8840952	NC_000005.9
cg26266274	1.39E-09	1.18E-10	6.81	13.3144527	9.70E-02	132482399	132482522	NC_000009.11
cg04560545	1.39E-09	1.18E-10	6.81	13.3134528	2.48E-02	66448589	66448712	NC_000003.11
cg02696327	1.39E-09	1.19E-10	6.81	13.312879	1.53E-01	49312543	49312666	NC_000016.9
cg21349674	1.39E-09	1.19E-10	6.81	13.3128575	1.99E-01	50323369	50323492	NC_000010.10
cg07926895	1.39E-09	1.19E-10	6.81	13.3120049	1.68E-01	200005833	200005956	NC_000001.10
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cg04076968	1.40E-09	1.20E-10	6.81	13.3048202	4.81E-02	61289326	61289449	NC_000002.11
cg20576153	1.40E-09	1.20E-10	6.81	13.3045127	1.67E-01	60975841	60975964	NC_000014.8
cg02192204	1.40E-09	1.20E-10	6.81	13.303758	1.05E-01	88947943	88948066	NC_000016.9
cg15255946	1.40E-09	1.20E-10	6.81	13.3036522	1.22E-01	32729563	32729686	NC_000006.11
cg14241879	1.40E-09	1.20E-10	6.81	13.3032879	5.08E-02	1048922	1049045	NC_000007.13
cg26517004	1.40E-09	1.20E-10	6.81	13.3026542	8.00E-02	110903494	110903617	NC_000012.11
cg12128119	1.40E-09	1.20E-10	6.81	13.302646	3.54E-02	134212891	134213014	NC_000011.9
cg26494542	1.41E-09	1.20E-10	6.81	13.3009338	8.28E-02	963219	963342	NC_000016.9
cg09424526	1.41E-09	1.20E-10	6.81	13.3006215	1.97E-01	223163809	223163932	NC_000002.11

cg09179347	1.41E-09	1.20E-10	6.81	13.3005229	3.97E-02	67517453	67517576	NC_000016.9
cg14569778	1.41E-09	1.20E-10	6.81	13.3003552	3.70E-02	28952111	28952234	NC_000017.10
cg11563844	1.41E-09	1.20E-10	6.81	13.2992239	1.75E-01	33780307	33780430	NC_000013.10
cg05442408	1.41E-09	1.20E-10	6.81	13.2986022	1.60E-01	2706173	2706296	NC_000001.10
cg16913789	1.41E-09	1.20E-10	6.81	13.2980839	1.61E-01	27204005	27204128	NC_000007.13
cg04272613	1.41E-09	1.20E-10	6.81	13.2975124	1.49E-01	59721173	59721296	NC_000014.8
cg01236132	1.41E-09	1.21E-10	6.81	13.2968857	1.48E-01	112723581	112723704	NC_000013.10
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cg13959523	1.41E-09	1.21E-10	6.8	13.2945754	1.69E-01	34175481	34175604	NC_000019.9
cg22245862	1.41E-09	1.21E-10	6.8	13.2938234	9.59E-02	942544	942667	NC_000004.11
cg23371877	1.41E-09	1.21E-10	6.8	13.293646	1.31E-01	152067904	152068027	NC_000007.13
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cg07249459	1.43E-09	1.22E-10	6.8	13.2850203	1.80E-01	86600309	86600432	NC_000016.9
cg01355739	1.43E-09	1.22E-10	6.8	13.282925	8.79E-02	57416888	57417011	NC_000020.10
cg04935434	1.43E-09	1.22E-10	6.8	13.2815173	1.12E-01	177024947	177025070	NC_000002.11
cg22604188	1.43E-09	1.22E-10	6.8	13.2813922	8.31E-02	140774054	140774177	NC_000005.9
cg04427498	1.43E-09	1.23E-10	6.8	13.2804422	1.27E-01	20830657	20830780	NC_000007.13
cg01466678	1.43E-09	1.23E-10	6.8	13.2802683	2.05E-01	58497395	58497518	NC_000016.9
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cg11827910	1.43E-09	1.23E-10	6.8	13.2796642	1.81E-01	31825756	31825879	NC_000011.9
cg13453374	1.43E-09	1.23E-10	6.8	13.2791132	1.61E-01	147072597	147072720	NC_000003.11
cg22510337	1.43E-09	1.23E-10	6.8	13.2791058	2.21E-01	58399967	58400090	NC_000019.9



cg05488770	1.44E-09	1.23E-10	6.8	13.2785361	1.73E-01	103969940	103970063	NC_000007.13
cg08363193	1.44E-09	1.23E-10	6.8	13.2778015	1.33E-01	89690234	89690357	NC_000010.10
cg15055553	1.44E-09	1.23E-10	6.8	13.2774721	1.18E-01	1697406	1697529	NC_000012.11
cg14655590	1.44E-09	1.23E-10	6.8	13.2771886	1.51E-01	95993065	95993188	NC_000009.11
cg04551776	1.44E-09	1.23E-10	6.8	13.2769423	1.02E-01	393366	393489	NC_000005.9
cg23618344	1.44E-09	1.23E-10	6.8	13.2766782	1.64E-01	54423428	54423551	NC_000012.11
cg11657744	1.44E-09	1.23E-10	6.8	13.2742191	2.51E-02	33236869	33236992	NC_000006.11
cg01569601	1.44E-09	1.23E-10	6.8	13.2741928	9.56E-02	46811242	46811365	NC_000021.8
cg10785263	1.44E-09	1.23E-10	6.8	13.2735984	1.85E-01	63785867	63785990	NC_000001.10
cg18143566	1.44E-09	1.24E-10	6.8	13.2720514	1.19E-01	77398897	77399020	NC_000018.9
cg00933210	1.44E-09	1.24E-10	6.8	13.2718409	1.36E-01	3233117	3233240	NC_000016.9
cg26413683	1.44E-09	1.24E-10	6.8	13.271423	9.89E-02	89520886	89521009	NC_000011.9
cg05544940	1.45E-09	1.24E-10	6.8	13.2707297	1.10E-01	33170339	33170462	NC_000006.11
cg02809707	1.45E-09	1.24E-10	6.8	13.2692284	2.56E-01	175191069	175191192	NC_000002.11
cg14401466	1.45E-09	1.24E-10	6.8	13.2682206	1.43E-01	166405523	166405646	NC_000005.9
cg18044663	1.45E-09	1.24E-10	6.8	13.2670752	2.34E-01	118032081	118032204	NC_000010.10
cg06689045	1.45E-09	1.24E-10	6.8	13.2669719	5.92E-02	120025420	120025543	NC_000003.11
cg03368634	1.45E-09	1.24E-10	6.8	13.2667053	1.03E-01	3824553	3824676	NC_000016.9
cg12861034	1.45E-09	1.24E-10	6.8	13.2657673	2.53E-01	38347816	38347939	NC_000017.10
cg10116864	1.45E-09	1.25E-10	6.8	13.2642694	1.79E-01	219826743	219826866	NC_000002.11
cg22504898	1.45E-09	1.25E-10	6.8	13.2641943	4.93E-02	52294622	52294745	NC_000012.11
cg23508701	1.46E-09	1.25E-10	6.8	13.2633157	5.54E-02	76331877	76332000	NC_000012.11
cg11228052	1.46E-09	1.25E-10	6.8	13.2626677	1.48E-01	103350170	103350293	NC_000012.11
cg11971789	1.46E-09	1.25E-10	6.8	13.2621227	5.78E-02	42545623	42545746	NC_000019.9
cg00559963	1.46E-09	1.25E-10	6.8	13.2611094	3.18E-02	40424484	40424607	NC_000001.10

cg07850592	1.46E-09	1.25E-10	6.8	13.260806	1.65E-01	231299396	231299519	NC_000001.10
cg10016770	1.46E-09	1.25E-10	6.8	13.2597521	4.51E-02	244805996	244806119	NC_000001.10
cg13652336	1.46E-09	1.25E-10	6.8	13.2593051	1.88E-01	68864012	68864135	NC_000008.10
cg10501976	1.46E-09	1.25E-10	6.8	13.2592554	1.33E-01	10883834	10883957	NC_000006.11
cg11480800	1.46E-09	1.25E-10	6.8	13.2583931	2.00E-01	55881075	55881198	NC_000015.9
cg19627145	1.46E-09	1.25E-10	6.8	13.2579243	3.21E-02	145662110	145662233	NC_000008.10
cg08785317	1.46E-09	1.25E-10	6.8	13.2574521	7.77E-02	86604854	86604977	NC_000016.9
cg01630940	1.47E-09	1.26E-10	6.8	13.2561409	4.23E-02	32020498	32020621	NC_000006.11
cg15737177	1.47E-09	1.26E-10	6.8	13.2557925	1.33E-01	8717467	8717590	NC_000012.11
cg10081304	1.47E-09	1.26E-10	6.8	13.2554816	4.97E-02	177952737	177952860	NC_000005.9
cg14123543	1.47E-09	1.26E-10	6.8	13.2543665	1.73E-01	114877063	114877186	NC_000012.11
cg24878374	1.47E-09	1.26E-10	6.8	13.2532343	9.61E-02	71946066	71946189	NC_000017.10
cg26937943	1.47E-09	1.26E-10	6.8	13.252313	1.80E-01	8800248	8800371	NC_000018.9
cg05617469	1.47E-09	1.26E-10	6.8	13.2516246	1.21E-01	100624281	100624404	NC_000013.10
cg06894334	1.47E-09	1.26E-10	6.8	13.251227	1.30E-01	1398599	1398722	NC_000004.11
cg05040472	1.47E-09	1.26E-10	6.8	13.2506915	1.51E-01	63255687	63255810	NC_000005.9
cg25218417	1.47E-09	1.26E-10	6.8	13.2499551	1.03E-01	12374100	12374223	NC_000001.10
cg23647248	1.48E-09	1.27E-10	6.8	13.2485136	7.90E-02	42265874	42265997	NC_000008.10
cg07592012	1.48E-09	1.27E-10	6.8	13.2471618	6.91E-02	79977307	79977430	NC_000017.10
cg02878284	1.48E-09	1.27E-10	6.8	13.2470723	8.85E-02	32825701	32825824	NC_000006.11
cg24068372	1.48E-09	1.27E-10	6.8	13.2467961	2.35E-01	151107261	151107384	NC_000007.13
cg19506535	1.48E-09	1.27E-10	6.8	13.2444407	5.77E-02	4853363	4853486	NC_000017.10
cg18652346	1.48E-09	1.27E-10	6.8	13.2444225	1.90E-01	28733673	28733796	NC_000006.11
cg04837104	1.48E-09	1.27E-10	6.8	13.2432073	1.55E-01	46129620	46129743	NC_000021.8
cg03912954	1.49E-09	1.28E-10	6.8	13.2409282	1.14E-01	140773129	140773252	NC_000009.11

cg16554447	1.49E-09	1.28E-10	6.8	13.2395651	8.98E-02	54058452	54058575	NC_000006.11
cg25406138	1.49E-09	1.28E-10	6.79	13.2385859	1.80E-01	147560770	147560893	NC_000004.11
cg16400647	1.49E-09	1.28E-10	6.79	13.2382739	9.35E-02	150069707	150069830	NC_000007.13
cg25223771	1.49E-09	1.28E-10	6.79	13.2362633	1.32E-01	145105503	145105626	NC_000008.10
cg01317569	1.50E-09	1.28E-10	6.79	13.2342046	1.37E-01	60140824	60140947	NC_000005.9
cg12652634	1.50E-09	1.28E-10	6.79	13.2340853	6.76E-02	71310320	71310443	NC_000005.9
cg09568001	1.50E-09	1.29E-10	6.79	13.2334268	6.80E-02	114383949	114384072	NC_000006.11
cg22873539	1.50E-09	1.29E-10	6.79	13.233191	1.40E-01	147554210	147554333	NC_000004.11
cg02520281	1.50E-09	1.29E-10	6.79	13.2329989	1.23E-01	140535668	140535791	NC_000005.9
cg01364674	1.50E-09	1.29E-10	6.79	13.2325275	1.30E-01	24348512	24348635	NC_000001.10
cg05655837	1.50E-09	1.29E-10	6.79	13.2318782	2.13E-01	166582188	166582311	NC_000006.11
cg25012919	1.50E-09	1.29E-10	6.79	13.2311124	1.90E-01	36705606	36705729	NC_000013.10
cg14574066	1.50E-09	1.29E-10	6.79	13.22973	7.85E-02	68984142	68984265	NC_000011.9
cg25667490	1.50E-09	1.29E-10	6.79	13.2295297	2.03E-02	72052924	72053047	NC_000004.11
cg11811610	1.51E-09	1.29E-10	6.79	13.2283563	1.27E-01	10390811	10390934	NC_000006.11
cg00445591	1.51E-09	1.29E-10	6.79	13.2273589	6.47E-02	127999762	127999885	NC_000003.11
cg15345206	1.51E-09	1.29E-10	6.79	13.2267753	1.57E-01	23463706	23463829	NC_000010.10
cg15242630	1.51E-09	1.29E-10	6.79	13.2265742	5.13E-02	18488478	18488601	NC_000022.10
cg02147617	1.51E-09	1.30E-10	6.79	13.2251385	6.73E-02	45073463	45073586	NC_000003.11
cg01889237	1.51E-09	1.30E-10	6.79	13.2247179	1.12E-01	137816623	137816746	NC_000006.11
cg13988209	1.51E-09	1.30E-10	6.79	13.2246802	8.48E-02	69683043	69683166	NC_000011.9
cg26983835	1.51E-09	1.30E-10	6.79	13.2244379	1.48E-01	59481280	59481403	NC_000017.10
cg00713400	1.51E-09	1.30E-10	6.79	13.2241748	1.21E-01	22233206	22233329	NC_000007.13
cg05048475	1.51E-09	1.30E-10	6.79	13.2231975	1.23E-01	109926115	109926238	NC_000001.10
cg16658337	1.51E-09	1.30E-10	6.79	13.222707	5.99E-02	1468749	1468872	NC_000005.9

cg16759952	1.51E-09	1.30E-10	6.79	13.222542	7.52E-02	7330658	7330781	NC_000017.10
cg25832305	1.51E-09	1.30E-10	6.79	13.2221688	1.33E-01	46860683	46860806	NC_000021.8
cg10451253	1.51E-09	1.30E-10	6.79	13.2219628	1.66E-01	32907705	32907828	NC_000017.10
cg13496979	1.52E-09	1.30E-10	6.79	13.2207957	2.06E-01	133308888	133309011	NC_000009.11
cg21745537	1.52E-09	1.30E-10	6.79	13.2203444	3.78E-02	121233743	121233866	NC_000011.9
cg21079946	1.52E-09	1.30E-10	6.79	13.2203133	1.00E-01	58622915	58623038	NC_000003.11
cg22605919	1.52E-09	1.30E-10	6.79	13.2196584	1.26E-01	42733542	42733665	NC_000017.10
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cg05314394	1.52E-09	1.30E-10	6.79	13.2190697	1.66E-01	96957070	96957193	NC_000015.9
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cg11334165	1.52E-09	1.30E-10	6.79	13.2189052	1.37E-01	145758782	145758905	NC_000005.9
cg14051264	1.52E-09	1.31E-10	6.79	13.2182622	1.34E-01	1886309	1886432	NC_000005.9
cg02058267	1.52E-09	1.31E-10	6.79	13.2163342	1.66E-01	76605088	76605211	NC_000014.8
cg14871932	1.53E-09	1.31E-10	6.79	13.2116524	1.17E-01	44185323	44185446	NC_000007.13
cg24642825	1.53E-09	1.31E-10	6.79	13.2112269	2.32E-01	89248793	89248916	NC_000015.9
cg08661751	1.53E-09	1.32E-10	6.79	13.2096827	8.96E-02	142001770	142001893	NC_000005.9
cg19736503	1.53E-09	1.32E-10	6.79	13.2085468	1.83E-01	84563604	84563727	NC_000006.11
cg24093176	1.54E-09	1.32E-10	6.79	13.2075602	7.53E-02	73716853	73716976	NC_000014.8
cg14270434	1.54E-09	1.32E-10	6.79	13.2073313	1.47E-01	100613647	100613770	NC_000009.11
cg26451188	1.54E-09	1.32E-10	6.79	13.2070942	9.08E-02	8295971	8296094	NC_000017.10
cg24173182	1.54E-09	1.32E-10	6.79	13.2066932	1.05E-01	1961286	1961409	NC_000017.10
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cg24058566	1.55E-09	1.33E-10	6.79	13.2004069	1.53E-01	87974100	87974223	NC_000005.9
cg23058901	1.55E-09	1.33E-10	6.79	13.2000282	1.08E-01	44324759	44324882	NC_000011.9
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cg12691679	1.55E-09	1.33E-10	6.79	13.1987143	1.29E-01	41594904	41595027	NC_000013.10
cg18647989	1.55E-09	1.33E-10	6.79	13.1981231	1.25E-01	39260335	39260458	NC_000022.10
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cg01109065	1.55E-09	1.34E-10	6.79	13.194981	9.79E-02	55508379	55508502	NC_000003.11
cg25200586	1.55E-09	1.34E-10	6.79	13.1948237	1.41E-01	148000763	148000886	NC_000001.10
cg14627172	1.56E-09	1.34E-10	6.79	13.1937458	2.37E-01	28510339	28510462	NC_000006.11
cg08971724	1.56E-09	1.34E-10	6.79	13.1937057	2.30E-02	2983426	2983549	NC_000012.11
cg22499215	1.56E-09	1.34E-10	6.79	13.1929269	3.49E-02	19772241	19772364	NC_000022.10
cg11885589	1.56E-09	1.34E-10	6.79	13.1926411	3.23E-02	155463114	155463237	NC_000006.11
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cg06339542	1.56E-09	1.34E-10	6.79	13.1903187	1.89E-01	10102237	10102360	NC_000017.10
cg25053336	1.56E-09	1.34E-10	6.79	13.1898355	2.12E-01	45161333	45161456	NC_000002.11
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cg16405012	1.56E-09	1.35E-10	6.79	13.1880553	1.80E-01	5542395	5542518	NC_000012.11
cg13184019	1.56E-09	1.35E-10	6.79	13.1877248	8.69E-02	32169790	32169913	NC_000006.11
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cg00341950	1.57E-09	1.35E-10	6.79	13.1857945	1.53E-01	1431735	1431858	NC_000011.9
cg10944379	1.57E-09	1.35E-10	6.79	13.184913	2.76E-02	35744528	35744651	NC_000010.10
cg14933807	1.57E-09	1.35E-10	6.79	13.184775	5.58E-02	129883528	129883651	NC_000010.10
cg00032805	1.57E-09	1.35E-10	6.78	13.1843767	1.42E-01	165304473	165304596	NC_000004.11
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cg24612124	1.57E-09	1.35E-10	6.78	13.1817729	5.87E-02	93106264	93106387	NC_000014.8

cg07353303	1.58E-09	1.36E-10	6.78	13.1804105	1.63E-01	145713747	145713870	NC_000005.9
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cg16234557	1.58E-09	1.36E-10	6.78	13.1756011	2.05E-01	119292062	119292185	NC_000010.10
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cg07003542	1.59E-09	1.37E-10	6.78	13.1733812	1.85E-01	176056682	176056805	NC_000005.9
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cg14452947	1.59E-09	1.37E-10	6.78	13.1730289	1.66E-01	87970640	87970763	NC_000005.9
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cg26363695	1.59E-09	1.37E-10	6.78	13.1692561	1.37E-01	80203299	80203422	NC_000004.11
cg10922530	1.59E-09	1.37E-10	6.78	13.1686205	2.96E-02	124457083	124457206	NC_000012.11
cg08017323	1.59E-09	1.37E-10	6.78	13.168145	1.20E-01	3240167	3240290	NC_000012.11
cg06042608	1.60E-09	1.38E-10	6.78	13.1670087	8.51E-02	46918356	46918479	NC_000003.11
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cg18809597	1.60E-09	1.38E-10	6.78	13.1653618	6.90E-02	151748660	151748783	NC_000001.10
cg25892587	1.60E-09	1.38E-10	6.78	13.1648152	1.10E-01	3666169	3666292	NC_000010.10

cg09420439	1.60E-09	1.38E-10	6.78	13.1627509	2.60E-01	27136424	27136547	NC_000007.13
cg07678904	1.60E-09	1.38E-10	6.78	13.1621706	2.02E-01	4304577	4304700	NC_000019.9
cg05617027	1.60E-09	1.38E-10	6.78	13.1610392	3.73E-02	40437086	40437209	NC_000004.11
cg08691273	1.60E-09	1.38E-10	6.78	13.1608365	5.34E-02	144333467	144333590	NC_000008.10
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cg22967396	1.61E-09	1.38E-10	6.78	13.1604294	1.31E-01	57283942	57284065	NC_000014.8
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cg21946667	1.61E-09	1.39E-10	6.78	13.1588167	6.17E-02	40839643	40839766	NC_000017.10
cg04599297	1.61E-09	1.39E-10	6.78	13.1587246	1.52E-01	26505442	26505565	NC_000010.10
cg05961272	1.61E-09	1.39E-10	6.78	13.1583787	5.51E-02	77399130	77399253	NC_000013.10
cg02543268	1.61E-09	1.39E-10	6.78	13.1579293	7.69E-02	160201261	160201384	NC_000005.9
cg20695433	1.62E-09	1.40E-10	6.78	13.1531871	1.63E-01	30019102	30019225	NC_000019.9
cg07105285	1.62E-09	1.40E-10	6.78	13.1529844	1.01E-01	92702663	92702786	NC_000011.9
cg06701529	1.62E-09	1.40E-10	6.78	13.1522254	1.29E-01	32008841	32008964	NC_000011.9
cg08495770	1.62E-09	1.40E-10	6.78	13.1518748	1.74E-01	106400824	106400947	NC_000010.10
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cg14994639	1.62E-09	1.40E-10	6.78	13.1506781	4.16E-02	121422921	121423044	NC_000011.9
cg00301033	1.62E-09	1.40E-10	6.78	13.1492636	6.33E-02	43390036	43390159	NC_000011.9
cg05696406	1.62E-09	1.40E-10	6.78	13.1490682	1.04E-01	27599888	27600011	NC_000002.11
cg13854495	1.62E-09	1.40E-10	6.78	13.1489395	1.21E-01	131846350	131846473	NC_000009.11
cg02318629	1.62E-09	1.40E-10	6.78	13.1482083	1.62E-01	47797415	47797538	NC_000002.11
cg25377802	1.62E-09	1.40E-10	6.78	13.148177	1.61E-01	28616847	28616970	NC_000003.11
cg26030804	1.63E-09	1.40E-10	6.78	13.1470289	1.79E-01	794764	794887	NC_000011.9
cg00594011	1.63E-09	1.41E-10	6.78	13.1446034	2.00E-01	107956556	107956679	NC_000004.11

cg17875028	1.63E-09	1.41E-10	6.78	13.1421268	6.98E-02	233321828	233321951	NC_000002.11
cg10648197	1.63E-09	1.41E-10	6.78	13.1416659	1.76E-01	22634578	22634701	NC_000010.10
cg08053686	1.64E-09	1.41E-10	6.78	13.1408247	1.41E-01	6223581	6223704	NC_000004.11
cg14654613	1.64E-09	1.41E-10	6.78	13.1402908	1.29E-01	23185804	23185927	NC_000019.9
cg00177290	1.64E-09	1.42E-10	6.78	13.1391704	1.60E-01	110161285	110161408	NC_000001.10
cg11728738	1.64E-09	1.42E-10	6.78	13.1386579	1.53E-01	21711700	21711823	NC_000006.11
cg18128212	1.64E-09	1.42E-10	6.78	13.1382745	3.53E-02	26199190	26199313	NC_000001.10
cg17078427	1.64E-09	1.42E-10	6.78	13.1375572	1.59E-01	170137552	170137675	NC_000003.11
cg02894328	1.64E-09	1.42E-10	6.78	13.1373112	3.66E-02	30919516	30919639	NC_000006.11
cg00255759	1.64E-09	1.42E-10	6.78	13.1370296	4.25E-02	73699748	73699871	NC_000010.10
cg03401096	1.64E-09	1.42E-10	6.78	13.1367361	2.87E-01	123301171	123301294	NC_000011.9
cg06282596	1.64E-09	1.42E-10	6.78	13.1363826	1.00E-01	97175479	97175602	NC_000010.10
cg24970879	1.64E-09	1.42E-10	6.78	13.1345822	1.40E-01	38030068	38030191	NC_000007.13
cg00654296	1.65E-09	1.42E-10	6.78	13.1330459	7.84E-02	7230819	7230942	NC_000017.10
cg01656394	1.65E-09	1.42E-10	6.78	13.1326787	1.59E-01	244080781	244080904	NC_000001.10
cg07057579	1.65E-09	1.43E-10	6.78	13.132068	9.46E-02	95870112	95870235	NC_000015.9
cg00387941	1.65E-09	1.43E-10	6.78	13.1316321	4.60E-02	26661686	26661809	NC_000001.10
cg15641463	1.65E-09	1.43E-10	6.78	13.1312762	3.37E-02	30129346	30129469	NC_000006.11
cg10093805	1.65E-09	1.43E-10	6.78	13.1307256	9.55E-02	154296135	154296258	NC_000001.10
cg14362758	1.65E-09	1.43E-10	6.78	13.130253	1.76E-01	139090991	139091114	NC_000009.11
cg17662941	1.65E-09	1.43E-10	6.78	13.1299198	1.19E-01	63560973	63561096	NC_000007.13
cg05424678	1.65E-09	1.43E-10	6.78	13.1298411	8.41E-02	105910233	105910356	NC_000007.13
cg05176667	1.66E-09	1.43E-10	6.77	13.1277172	1.67E-01	102029207	102029330	NC_000014.8
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cg10828577	1.66E-09	1.43E-10	6.77	13.1268206	6.48E-02	61507612	61507735	NC_000017.10



cg10543574	1.66E-09	1.43E-10	6.77	13.1266156	1.67E-01	9763159	9763282	NC_000008.10
cg01582980	1.66E-09	1.44E-10	6.77	13.1254325	1.48E-01	20825545	20825668	NC_000007.13
cg24599434	1.66E-09	1.44E-10	6.77	13.1253711	1.41E-01	172166242	172166365	NC_000003.11
cg23591139	1.66E-09	1.44E-10	6.77	13.1247831	5.57E-02	1120557	1120680	NC_000017.10
cg07842403	1.66E-09	1.44E-10	6.77	13.1241582	1.79E-01	134515143	134515266	NC_000003.11
cg10927449	1.66E-09	1.44E-10	6.77	13.1233167	1.40E-01	63286621	63286744	NC_000002.11
cg13631444	1.66E-09	1.44E-10	6.77	13.1218031	1.18E-01	110098866	110098989	NC_000008.10
cg22271921	1.66E-09	1.44E-10	6.77	13.1217627	1.41E-01	40755383	40755506	NC_000008.10
cg22242585	1.67E-09	1.44E-10	6.77	13.1211196	4.88E-02	216659791	216659914	NC_000002.11
cg05416180	1.67E-09	1.44E-10	6.77	13.1210705	6.08E-02	188920619	188920742	NC_000003.11
cg11312408	1.67E-09	1.44E-10	6.77	13.1198933	1.59E-01	58207013	58207136	NC_000013.10
cg03804500	1.67E-09	1.44E-10	6.77	13.1186698	8.02E-02	140081972	140082095	NC_000009.11
cg25420952	1.67E-09	1.45E-10	6.77	13.1173726	9.20E-02	116841084	116841207	NC_000009.11
cg13906377	1.67E-09	1.45E-10	6.77	13.1173458	2.01E-01	63792695	63792818	NC_000001.10
cg13893543	1.67E-09	1.45E-10	6.77	13.1172824	1.50E-01	224805631	224805754	NC_000001.10
cg05422683	1.67E-09	1.45E-10	6.77	13.1158422	1.40E-01	145814003	145814126	NC_000007.13
cg10711871	1.67E-09	1.45E-10	6.77	13.1156632	9.03E-02	13860812	13860935	NC_000003.11
cg04904385	1.67E-09	1.45E-10	6.77	13.1151636	1.54E-01	19158692	19158815	NC_000007.13
cg12493107	1.67E-09	1.45E-10	6.77	13.1150691	7.86E-02	23344079	23344202	NC_000020.10
cg25436152	1.67E-09	1.45E-10	6.77	13.1149486	7.08E-02	954490	954613	NC_000017.10
cg06793679	1.68E-09	1.45E-10	6.77	13.1142691	6.23E-02	103054085	103054208	NC_000014.8
cg14633742	1.68E-09	1.45E-10	6.77	13.1141561	1.51E-01	98032587	98032710	NC_000009.11
cg05491166	1.68E-09	1.45E-10	6.77	13.1120682	1.61E-01	19885901	19886024	NC_000011.9
cg27264051	1.68E-09	1.46E-10	6.77	13.1111281	6.84E-02	133383895	133384018	NC_000003.11
cg03460245	1.69E-09	1.46E-10	6.77	13.1086625	4.47E-02	31475984	31476107	NC_000006.11

cg06598091	1.69E-09	1.46E-10	6.77	13.1081044	2.52E-01	11653600	11653723	NC_000012.11
cg21373739	1.69E-09	1.46E-10	6.77	13.1078002	1.59E-02	45730686	45730809	NC_000003.11
cg17315500	1.69E-09	1.46E-10	6.77	13.1077792	1.68E-01	103359572	103359695	NC_000012.11
cg00623774	1.69E-09	1.46E-10	6.77	13.1068793	5.82E-02	155674426	155674549	NC_000007.13
cg07749724	1.69E-09	1.46E-10	6.77	13.1061346	1.98E-01	112832480	112832603	NC_000011.9
cg05307923	1.69E-09	1.46E-10	6.77	13.1061288	1.82E-01	1779667	1779790	NC_000010.10
cg14216285	1.69E-09	1.47E-10	6.77	13.103626	1.73E-01	28778124	28778247	NC_000006.11
cg26660316	1.70E-09	1.47E-10	6.77	13.1012324	5.68E-02	110077272	110077395	NC_000005.9
cg09531729	1.70E-09	1.47E-10	6.77	13.1003308	6.29E-02	88124215	88124338	NC_000016.9
cg06737666	1.70E-09	1.47E-10	6.77	13.0986327	1.31E-01	78080026	78080149	NC_000016.9
cg01185626	1.70E-09	1.48E-10	6.77	13.0974814	1.76E-01	75594016	75594139	NC_000001.10
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cg01511557	1.70E-09	1.48E-10	6.77	13.0964329	1.14E-01	50514319	50514442	NC_000001.10
cg15907965	1.70E-09	1.48E-10	6.77	13.0963994	5.01E-02	89430272	89430395	NC_000010.10
cg11597131	1.71E-09	1.48E-10	6.77	13.0953145	1.72E-01	176988939	176989062	NC_000002.11
cg01549404	1.71E-09	1.48E-10	6.77	13.0942475	1.42E-01	55358636	55358759	NC_000016.9
cg22629111	1.71E-09	1.48E-10	6.77	13.0931233	1.54E-01	166135208	166135331	NC_000001.10
cg23733502	1.71E-09	1.48E-10	6.77	13.0929628	1.21E-01	577629	577752	NC_000003.11
cg23402821	1.71E-09	1.49E-10	6.77	13.0908457	1.65E-01	35292159	35292282	NC_000017.10
cg11735997	1.71E-09	1.49E-10	6.77	13.0907015	1.38E-01	30039113	30039236	NC_000011.9
cg17603132	1.72E-09	1.49E-10	6.77	13.0893019	1.65E-01	8190152	8190275	NC_000011.9
cg01644731	1.72E-09	1.49E-10	6.77	13.0884534	9.04E-02	58236712	58236835	NC_000012.11
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cg27383873	1.72E-09	1.49E-10	6.77	13.0881245	2.58E-02	50724286	50724409	NC_000010.10
cg00585733	1.72E-09	1.49E-10	6.77	13.0878715	1.52E-01	69064884	69065007	NC_000007.13

cg02943578	1.72E-09	1.49E-10	6.77	13.0861174	1.98E-01	86600499	86600622	NC_000016.9
cg02048657	1.72E-09	1.49E-10	6.77	13.0858496	9.52E-02	1293231	1293354	NC_000005.9
cg21548464	1.73E-09	1.50E-10	6.77	13.0836445	2.82E-02	50707937	50708060	NC_000013.10
cg21871746	1.73E-09	1.50E-10	6.77	13.0827432	1.37E-01	99616820	99616943	NC_000007.13
cg06829299	1.73E-09	1.50E-10	6.77	13.0826873	1.58E-01	65286632	65286755	NC_000008.10
cg04081402	1.73E-09	1.50E-10	6.77	13.0821259	7.38E-02	31003587	31003710	NC_000022.10
cg19526568	1.73E-09	1.50E-10	6.77	13.0820278	1.11E-01	100643087	100643210	NC_000013.10
cg24948792	1.73E-09	1.50E-10	6.77	13.0815344	5.03E-02	102789961	102790084	NC_000010.10
cg08732659	1.74E-09	1.51E-10	6.77	13.0777158	9.74E-02	54973966	54974089	NC_000016.9
cg27263903	1.74E-09	1.51E-10	6.77	13.07675	1.23E-01	160314452	160314575	NC_000001.10
cg27467929	1.74E-09	1.51E-10	6.76	13.0730516	2.34E-01	68864529	68864652	NC_000008.10
cg22675937	1.74E-09	1.51E-10	6.76	13.0729787	1.45E-01	59481571	59481694	NC_000017.10
cg14905657	1.74E-09	1.51E-10	6.76	13.0726786	9.69E-02	16760048	16760171	NC_000012.11
cg23411869	1.74E-09	1.51E-10	6.76	13.0722982	1.41E-01	74846412	74846535	NC_000017.10
cg22060367	1.75E-09	1.52E-10	6.76	13.0702207	2.39E-02	161957720	161957843	NC_000002.11
cg15974867	1.75E-09	1.52E-10	6.76	13.0690047	7.74E-02	69464012	69464135	NC_000011.9
cg17967673	1.75E-09	1.52E-10	6.76	13.068957	1.19E-01	38040009	38040132	NC_000019.9
cg04618333	1.75E-09	1.52E-10	6.76	13.0687515	2.27E-01	46800674	46800797	NC_000017.10
cg22654517	1.75E-09	1.52E-10	6.76	13.0662081	7.54E-02	96458247	96458370	NC_000002.11
cg24496745	1.76E-09	1.53E-10	6.76	13.0655702	9.51E-02	57285156	57285279	NC_000001.10
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cg15707093	1.76E-09	1.53E-10	6.76	13.0651102	2.06E-01	174450353	174450476	NC_000004.11
cg10091996	1.76E-09	1.53E-10	6.76	13.0646544	1.16E-01	31548640	31548763	NC_000016.9
cg19357275	1.76E-09	1.53E-10	6.76	13.0646072	4.47E-02	248855040	248855163	NC_000001.10
cg14463912	1.76E-09	1.53E-10	6.76	13.0643702	7.94E-02	102789979	102790102	NC_000010.10

cg03887163	1.76E-09	1.53E-10	6.76	13.0624862	1.46E-01	165324100	165324223	NC_000001.10
cg03510605	1.76E-09	1.53E-10	6.76	13.062047	1.28E-01	115104734	115104857	NC_000012.11
cg05158615	1.76E-09	1.53E-10	6.76	13.0616188	1.76E-01	24323559	24323682	NC_000007.13
cg01619107	1.76E-09	1.53E-10	6.76	13.0610432	7.49E-02	52515354	52515477	NC_000012.11
cg26348521	1.76E-09	1.53E-10	6.76	13.0609129	1.09E-01	1375657	1375780	NC_000011.9
cg08230105	1.76E-09	1.53E-10	6.76	13.0602907	1.13E-01	41692501	41692624	NC_000017.10
cg17507751	1.76E-09	1.53E-10	6.76	13.0601236	7.65E-02	41275792	41275915	NC_000005.9
cg19186145	1.77E-09	1.54E-10	6.76	13.0566485	2.64E-01	45169562	45169685	NC_000002.11
cg13415865	1.77E-09	1.54E-10	6.76	13.056072	9.27E-02	2831573	2831696	NC_000017.10
cg25745379	1.78E-09	1.54E-10	6.76	13.0539358	1.09E-01	27333481	27333604	NC_000013.10
cg13180920	1.78E-09	1.55E-10	6.76	13.0496194	8.88E-02	46896174	46896297	NC_000021.8
cg05385163	1.79E-09	1.55E-10	6.76	13.0477899	1.50E-01	96717349	96717472	NC_000009.11
cg14805347	1.79E-09	1.55E-10	6.76	13.0468547	1.89E-01	58357879	58358002	NC_000015.9
cg10394047	1.79E-09	1.56E-10	6.76	13.0462819	5.67E-02	47575416	47575539	NC_000021.8
cg02370232	1.79E-09	1.56E-10	6.76	13.0453483	9.59E-02	97175365	97175488	NC_000010.10
cg27423323	1.79E-09	1.56E-10	6.76	13.0443301	1.02E-01	2963112	2963235	NC_000020.10
cg02647941	1.79E-09	1.56E-10	6.76	13.0432223	1.49E-01	147127143	147127266	NC_000003.11
cg07712493	1.80E-09	1.56E-10	6.76	13.0419134	1.46E-01	115151427	115151550	NC_000005.9
cg20864608	1.80E-09	1.56E-10	6.76	13.041536	2.31E-01	143533499	143533622	NC_000008.10
cg20220255	1.80E-09	1.56E-10	6.76	13.0411406	5.61E-02	95228096	95228219	NC_000012.11
cg14561530	1.80E-09	1.56E-10	6.76	13.0404897	6.05E-02	3129958	3130081	NC_000001.10
cg19410796	1.80E-09	1.56E-10	6.76	13.0404055	2.78E-02	45966279	45966402	NC_000013.10
cg19308769	1.80E-09	1.57E-10	6.76	13.0397341	9.94E-02	31289850	31289973	NC_000001.10
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cg18404374	1.80E-09	1.57E-10	6.76	13.0383631	1.62E-01	26663551	26663674	NC_000003.11

cg26619987	1.80E-09	1.57E-10	6.76	13.0368653	2.81E-02	78153772	78153895	NC_000017.10
cg23182200	1.81E-09	1.57E-10	6.76	13.0362361	9.09E-02	97345907	97346030	NC_000008.10
cg20688791	1.81E-09	1.57E-10	6.76	13.0359264	6.28E-02	154415062	154415185	NC_000001.10
cg09056181	1.81E-09	1.57E-10	6.76	13.0354217	1.76E-01	26505503	26505626	NC_000010.10
cg01291404	1.81E-09	1.57E-10	6.76	13.0353399	1.75E-01	48397872	48397995	NC_000012.11
cg02602455	1.81E-09	1.58E-10	6.76	13.0339518	1.36E-01	36739781	36739904	NC_000009.11
cg24448870	1.81E-09	1.58E-10	6.76	13.0336119	4.12E-02	126668133	126668256	NC_000003.11
cg27314569	1.81E-09	1.58E-10	6.76	13.0330008	1.66E-01	122852461	122852584	NC_000011.9
cg13661740	1.81E-09	1.58E-10	6.76	13.0321978	1.79E-01	79635912	79636035	NC_000009.11
cg13919631	1.82E-09	1.58E-10	6.76	13.0296906	7.47E-02	38071571	38071694	NC_000001.10
cg14614211	1.82E-09	1.58E-10	6.76	13.0287944	1.33E-01	28034247	28034370	NC_000010.10
cg25316663	1.82E-09	1.58E-10	6.76	13.0279817	2.01E-01	147569938	147570061	NC_000004.11
cg03796781	1.82E-09	1.59E-10	6.76	13.0271046	1.38E-01	137818836	137818959	NC_000006.11
cg05583608	1.82E-09	1.59E-10	6.76	13.0267703	1.51E-01	51147536	51147659	NC_000016.9
cg00916854	1.82E-09	1.59E-10	6.76	13.026417	1.02E-01	123350361	123350484	NC_000012.11
cg26953640	1.82E-09	1.59E-10	6.76	13.0260236	1.70E-01	1174473	1174596	NC_000017.10
cg09473826	1.82E-09	1.59E-10	6.76	13.0249703	9.70E-02	175568216	175568339	NC_000001.10
cg13996750	1.83E-09	1.59E-10	6.76	13.0246285	9.45E-02	139419958	139420081	NC_000009.11
cg14653284	1.83E-09	1.59E-10	6.76	13.0232555	1.47E-01	11679879	11680002	NC_000002.11
cg03320255	1.83E-09	1.59E-10	6.76	13.0231829	1.31E-01	38042154	38042277	NC_000019.9
cg15712323	1.83E-09	1.60E-10	6.76	13.0203354	1.13E-01	11565399	11565522	NC_000019.9
cg12492157	1.83E-09	1.60E-10	6.76	13.0202242	7.18E-02	27498310	27498433	NC_000007.13
cg14770827	1.83E-09	1.60E-10	6.76	13.0200364	1.17E-01	1775275	1775398	NC_000019.9
cg06489433	1.83E-09	1.60E-10	6.75	13.019478	3.99E-02	89491229	89491352	NC_000016.9
cg07147573	1.84E-09	1.60E-10	6.75	13.0186795	1.39E-01	42918806	42918929	NC_000003.11

cg13918613	1.84E-09	1.60E-10	6.75	13.0167193	1.75E-01	18429126	18429249	NC_000010.10
cg02086467	1.84E-09	1.60E-10	6.75	13.0160918	1.53E-01	57276527	57276650	NC_000014.8
cg11694490	1.84E-09	1.61E-10	6.75	13.0140788	1.78E-01	21927823	21927946	NC_000012.11
cg12816979	1.84E-09	1.61E-10	6.75	13.0138541	1.26E-01	59001398	59001521	NC_000018.9
cg03160135	1.84E-09	1.61E-10	6.75	13.0137591	1.32E-01	117586918	117587041	NC_000006.11
cg27350402	1.85E-09	1.61E-10	6.75	13.0124727	1.44E-01	27550691	27550814	NC_000006.11
cg25985013	1.85E-09	1.61E-10	6.75	13.012099	1.05E-01	21925112	21925235	NC_000008.10
cg04002235	1.85E-09	1.61E-10	6.75	13.0117739	1.33E-01	128560443	128560566	NC_000011.9
cg17708167	1.85E-09	1.61E-10	6.75	13.0108479	1.69E-01	68117917	68118040	NC_000015.9
cg10581650	1.85E-09	1.61E-10	6.75	13.0105618	5.58E-02	100155032	100155155	NC_000010.10
cg23500122	1.85E-09	1.61E-10	6.75	13.0095764	1.82E-01	172167610	172167733	NC_000003.11
cg23602974	1.85E-09	1.62E-10	6.75	13.0090966	1.26E-01	35293884	35294007	NC_000007.13
cg07531516	1.86E-09	1.62E-10	6.75	13.0077044	9.93E-02	4566644	4566767	NC_000019.9
cg02630553	1.86E-09	1.62E-10	6.75	13.0068857	1.27E-01	60296809	60296932	NC_000015.9
cg16909495	1.86E-09	1.62E-10	6.75	13.0065185	1.50E-01	49940062	49940185	NC_000019.9
cg03015433	1.86E-09	1.62E-10	6.75	13.0054899	1.28E-01	56623111	56623234	NC_000016.9
cg15467646	1.86E-09	1.62E-10	6.75	13.0048285	1.99E-01	22141014	22141137	NC_000001.10
cg03057072	1.86E-09	1.62E-10	6.75	13.0046868	8.27E-02	32186554	32186677	NC_000010.10
cg03986574	1.86E-09	1.62E-10	6.75	13.004261	7.26E-02	64544080	64544203	NC_000011.9
cg26578682	1.86E-09	1.62E-10	6.75	13.0041635	1.30E-01	2750163	2750286	NC_000005.9
cg13140167	1.86E-09	1.63E-10	6.75	13.0026157	1.46E-01	33454504	33454627	NC_000022.10
cg16869622	1.86E-09	1.63E-10	6.75	13.0026026	3.81E-02	133102529	133102652	NC_000012.11
cg10972873	1.86E-09	1.63E-10	6.75	13.002309	1.90E-01	200007592	200007715	NC_000001.10
cg02571816	1.87E-09	1.63E-10	6.75	13.001689	1.81E-01	38747378	38747501	NC_000019.9
cg22783747	1.87E-09	1.63E-10	6.75	13.0005732	2.14E-02	69614817	69614940	NC_000014.8

cg08468913	1.87E-09	1.63E-10	6.75	13.0003219	1.05E-01	122632352	122632475	NC_000003.11
cg13798842	1.87E-09	1.63E-10	6.75	13.0001929	6.83E-02	91450714	91450837	NC_000015.9
cg10243196	1.87E-09	1.63E-10	6.75	12.9999004	1.65E-01	23945996	23946119	NC_000019.9
cg08073312	1.87E-09	1.63E-10	6.75	12.9997432	1.59E-01	137483555	137483678	NC_000003.11
cg15911153	1.87E-09	1.63E-10	6.75	12.9989355	8.93E-02	138730783	138730906	NC_000005.9
cg02305723	1.87E-09	1.63E-10	6.75	12.9987675	1.25E-01	25093456	25093579	NC_000015.9
cg02920396	1.87E-09	1.63E-10	6.75	12.9978568	7.54E-02	68782211	68782334	NC_000011.9
cg16772031	1.88E-09	1.64E-10	6.75	12.9960403	9.27E-02	132600233	132600356	NC_000010.10
cg14700304	1.88E-09	1.64E-10	6.75	12.9959913	2.29E-01	105760890	105761013	NC_000002.11
cg15117739	1.88E-09	1.64E-10	6.75	12.995898	1.17E-01	46698881	46699004	NC_000017.10
cg20399871	1.88E-09	1.64E-10	6.75	12.9950997	1.38E-01	27204663	27204786	NC_000007.13
cg02380531	1.88E-09	1.64E-10	6.75	12.9949171	1.56E-01	99279097	99279220	NC_000006.11
cg05268122	1.88E-09	1.64E-10	6.75	12.9941701	9.03E-02	2288808	2288931	NC_000016.9
cg09660365	1.89E-09	1.65E-10	6.75	12.9907555	1.21E-01	10858395	10858518	NC_000003.11
cg25734951	1.89E-09	1.65E-10	6.75	12.9904319	4.67E-02	49526053	49526176	NC_000004.11
cg03724896	1.89E-09	1.65E-10	6.75	12.9888751	1.20E-01	3854465	3854588	NC_000005.9
cg22212691	1.89E-09	1.65E-10	6.75	12.9887627	2.19E-01	220417868	220417991	NC_000002.11
cg04961920	1.89E-09	1.65E-10	6.75	12.9869559	7.49E-02	71482267	71482390	NC_000010.10
cg03399210	1.89E-09	1.65E-10	6.75	12.9867807	9.99E-02	37616064	37616187	NC_000008.10
cg26419265	1.89E-09	1.65E-10	6.75	12.9866984	1.85E-01	151303982	151304105	NC_000005.9
cg11141380	1.89E-09	1.66E-10	6.75	12.9853304	1.88E-01	122852417	122852540	NC_000011.9
cg11385933	1.90E-09	1.66E-10	6.75	12.9848817	9.70E-02	45431839	45431962	NC_000007.13
cg20814312	1.90E-09	1.66E-10	6.75	12.9846874	1.30E-01	133339746	133339869	NC_000002.11
cg12328333	1.90E-09	1.66E-10	6.75	12.9846343	1.96E-01	36705041	36705164	NC_000013.10
cg27021368	1.90E-09	1.66E-10	6.75	12.9842219	9.48E-02	155639080	155639203	NC_000006.11

cg20194811	1.90E-09	1.66E-10	6.75	12.9827586	1.39E-01	112720491	112720614	NC_000013.10
cg20581674	1.90E-09	1.66E-10	6.75	12.9824489	9.22E-02	24887420	24887543	NC_000003.11
cg14346872	1.90E-09	1.66E-10	6.75	12.9813477	3.26E-02	31500033	31500156	NC_000014.8
cg15594967	1.90E-09	1.66E-10	6.75	12.9810369	1.28E-01	55444079	55444202	NC_000006.11
cg01579950	1.90E-09	1.66E-10	6.75	12.9809425	1.94E-01	64481018	64481141	NC_000011.9
cg24073994	1.90E-09	1.66E-10	6.75	12.9808572	6.28E-02	38511770	38511893	NC_000017.10
cg00232735	1.90E-09	1.66E-10	6.75	12.9799139	2.04E-01	132934139	132934262	NC_000011.9
cg19179801	1.90E-09	1.66E-10	6.75	12.9796586	1.55E-01	37381836	37381959	NC_000017.10
cg22963915	1.90E-09	1.67E-10	6.75	12.9794078	1.38E-01	3785855	3785978	NC_000019.9
cg27010214	1.91E-09	1.67E-10	6.75	12.9792155	9.04E-02	74826663	74826786	NC_000014.8
cg05513806	1.91E-09	1.67E-10	6.75	12.9774423	1.71E-01	181438216	181438339	NC_000003.11
cg12697796	1.91E-09	1.67E-10	6.75	12.977217	1.18E-01	49954016	49954139	NC_000010.10
cg11076814	1.91E-09	1.67E-10	6.75	12.9756473	1.27E-01	11225303	11225426	NC_000004.11
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cg05985317	1.91E-09	1.67E-10	6.75	12.9745791	1.02E-01	32118208	32118331	NC_000006.11
cg09526758	1.92E-09	1.68E-10	6.75	12.9734768	1.54E-01	16758047	16758170	NC_000012.11
cg05856556	1.92E-09	1.68E-10	6.75	12.9723925	8.87E-02	150104705	150104828	NC_000007.13
cg09413529	1.92E-09	1.68E-10	6.75	12.9719396	1.39E-01	115112225	115112348	NC_000012.11
cg03268697	1.92E-09	1.68E-10	6.75	12.9690652	5.86E-02	75160330	75160453	NC_000017.10
cg01546568	1.93E-09	1.68E-10	6.75	12.968492	2.08E-01	79740322	79740445	NC_000002.11
cg02339891	1.93E-09	1.68E-10	6.75	12.9682434	1.46E-01	1704031	1704154	NC_000007.13
cg08797606	1.93E-09	1.69E-10	6.75	12.9673444	1.55E-01	87956769	87956892	NC_000005.9
cg22813366	1.93E-09	1.69E-10	6.75	12.9665288	1.23E-01	17440072	17440195	NC_000019.9
cg14649424	1.93E-09	1.69E-10	6.75	12.9661458	9.10E-02	98115754	98115877	NC_000009.11
cg15509361	1.93E-09	1.69E-10	6.75	12.9656664	1.28E-01	19183325	19183448	NC_000007.13



cg14769991	1.93E-09	1.69E-10	6.75	12.9653056	8.36E-02	112688311	112688434	NC_000006.11
cg16259571	1.93E-09	1.69E-10	6.74	12.9643995	7.86E-02	220384841	220384964	NC_000002.11
cg09561029	1.94E-09	1.69E-10	6.74	12.9622485	4.56E-02	3273364	3273487	NC_000006.11
cg02252248	1.94E-09	1.70E-10	6.74	12.9617051	1.77E-01	47073164	47073287	NC_000017.10
cg06038944	1.94E-09	1.70E-10	6.74	12.9602433	8.84E-02	181010312	181010435	NC_000002.11
cg04723721	1.94E-09	1.70E-10	6.74	12.9594289	4.64E-02	139915388	139915511	NC_000009.11
cg13305657	1.94E-09	1.70E-10	6.74	12.959287	7.55E-02	25258181	25258304	NC_000001.10
cg07085827	1.94E-09	1.70E-10	6.74	12.9589907	1.99E-01	132121676	132121799	NC_000002.11
cg09497409	1.95E-09	1.70E-10	6.74	12.9566288	1.54E-01	8275083	8275206	NC_000019.9
cg23998650	1.95E-09	1.71E-10	6.74	12.9551661	1.38E-01	3787948	3788071	NC_000005.9
cg18557131	1.95E-09	1.71E-10	6.74	12.9544407	1.45E-01	100624207	100624330	NC_000013.10
cg01753198	1.95E-09	1.71E-10	6.74	12.9539343	1.20E-01	70560099	70560222	NC_000016.9
cg17374433	1.95E-09	1.71E-10	6.74	12.9538793	9.58E-02	119876327	119876450	NC_000010.10
cg09614300	1.96E-09	1.71E-10	6.74	12.9519851	1.54E-01	124894076	124894199	NC_000010.10
cg12338097	1.96E-09	1.71E-10	6.74	12.9518699	1.72E-01	22929407	22929530	NC_000018.9
cg18063312	1.96E-09	1.71E-10	6.74	12.9515708	1.61E-01	72740737	72740860	NC_000005.9
cg05470554	1.96E-09	1.72E-10	6.74	12.9499833	1.53E-01	120969079	120969202	NC_000007.13
cg01957629	1.96E-09	1.72E-10	6.74	12.9498617	1.10E-01	63613490	63613613	NC_000011.9
cg24987667	1.96E-09	1.72E-10	6.74	12.9488107	1.01E-01	8518709	8518832	NC_000004.11
cg04104489	1.96E-09	1.72E-10	6.74	12.9476884	8.00E-02	64063351	64063474	NC_000001.10
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cg26456021	1.97E-09	1.72E-10	6.74	12.9461838	2.46E-02	2580073	2580196	NC_000016.9
cg18180569	1.97E-09	1.72E-10	6.74	12.9452145	2.12E-01	44883362	44883485	NC_000001.10
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cg02367144	1.97E-09	1.73E-10	6.74	12.9440077	1.83E-01	237146137	237146260	NC_000002.11

cg19078576	1.97E-09	1.73E-10	6.74	12.9439801	2.02E-01	17217877	17218000	NC_000005.9
cg23091758	1.97E-09	1.73E-10	6.74	12.9422689	1.68E-01	9025767	9025890	NC_000011.9
cg13778709	1.97E-09	1.73E-10	6.74	12.9416944	1.50E-01	57089961	57090084	NC_000020.10
cg05166490	1.98E-09	1.73E-10	6.74	12.9415311	1.88E-01	41754172	41754295	NC_000008.10
cg22374485	1.98E-09	1.73E-10	6.74	12.9411625	2.36E-01	21927425	21927548	NC_000012.11
cg21184415	1.98E-09	1.73E-10	6.74	12.9409531	9.49E-02	39996039	39996162	NC_000020.10
cg08522176	1.98E-09	1.74E-10	6.74	12.9390472	1.98E-01	124735398	124735521	NC_000011.9
cg17586860	1.98E-09	1.74E-10	6.74	12.938914	1.78E-01	23015906	23016029	NC_000020.10
cg18008880	1.98E-09	1.74E-10	6.74	12.9381783	4.80E-02	10132097	10132220	NC_000018.9
cg09414264	1.99E-09	1.74E-10	6.74	12.9353963	5.50E-02	3113709	3113832	NC_000011.9
cg05639246	1.99E-09	1.74E-10	6.74	12.9352063	2.28E-01	10393778	10393901	NC_000006.11
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cg08894131	1.99E-09	1.74E-10	6.74	12.9340137	6.08E-02	147231061	147231184	NC_000001.10
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cg17058616	1.99E-09	1.75E-10	6.74	12.9316227	1.40E-01	73102145	73102268	NC_000017.10
cg14212412	2.00E-09	1.75E-10	6.74	12.9301319	5.38E-02	105918992	105919115	NC_000006.11
cg06033268	2.00E-09	1.75E-10	6.74	12.929359	7.57E-02	174125205	174125328	NC_000001.10
cg12883523	2.00E-09	1.76E-10	6.74	12.9278485	1.37E-01	55372392	55372515	NC_000008.10
cg25328184	2.00E-09	1.76E-10	6.74	12.9275904	1.60E-01	110406414	110406537	NC_000005.9
cg24938830	2.01E-09	1.76E-10	6.74	12.9254242	2.09E-01	210636539	210636662	NC_000002.11
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cg04513214	2.01E-09	1.77E-10	6.74	12.922367	1.33E-01	17057446	17057569	NC_000005.9
cg07160420	2.01E-09	1.77E-10	6.74	12.9217243	6.15E-02	48863591	48863714	NC_000017.10
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cg05997350	2.01E-09	1.77E-10	6.74	12.9213667	1.59E-01	50817104	50817227	NC_000010.10

cg22794704	2.02E-09	1.77E-10	6.74	12.9202861	1.75E-01	162273437	162273560	NC_000002.11
cg24648061	2.02E-09	1.77E-10	6.74	12.9195943	4.10E-02	107114615	107114738	NC_000007.13
cg11787346	2.02E-09	1.77E-10	6.74	12.9193153	2.08E-01	55367611	55367734	NC_000008.10
cg19860245	2.02E-09	1.77E-10	6.74	12.9191523	8.49E-02	74300557	74300680	NC_000014.8
cg00592781	2.02E-09	1.77E-10	6.74	12.9189049	1.61E-01	66122874	66122997	NC_000012.11
cg06733311	2.02E-09	1.77E-10	6.74	12.9176711	4.97E-02	33381680	33381803	NC_000006.11
cg13229857	2.03E-09	1.78E-10	6.74	12.9149524	1.25E-01	200006247	200006370	NC_000001.10
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cg14625175	2.03E-09	1.78E-10	6.74	12.9123453	2.41E-01	27214056	27214179	NC_000007.13
cg03733219	2.03E-09	1.78E-10	6.74	12.9120803	1.62E-01	38886319	38886442	NC_000019.9
cg15795787	2.04E-09	1.79E-10	6.73	12.9098771	1.45E-01	72470415	72470538	NC_000008.10
cg08050967	2.04E-09	1.79E-10	6.73	12.9098283	4.83E-02	3464931	3465054	NC_000002.11
cg09745791	2.04E-09	1.79E-10	6.73	12.9093432	9.84E-02	75252619	75252742	NC_000016.9
cg02727566	2.04E-09	1.79E-10	6.73	12.9091474	4.06E-02	40718426	40718549	NC_000019.9
cg10902717	2.04E-09	1.79E-10	6.73	12.9079097	1.63E-01	178368620	178368743	NC_000005.9
cg00779167	2.04E-09	1.79E-10	6.73	12.9076685	7.90E-02	109753001	109753124	NC_000001.10
cg10929873	2.04E-09	1.79E-10	6.73	12.9070224	5.46E-02	124972783	124972906	NC_000012.11
cg14810013	2.04E-09	1.80E-10	6.73	12.9054323	1.09E-01	66535412	66535535	NC_000004.11
cg14472366	2.04E-09	1.80E-10	6.73	12.9052983	1.24E-01	20875915	20876038	NC_000013.10
cg04730685	2.05E-09	1.80E-10	6.73	12.9047892	1.34E-01	95360278	95360401	NC_000013.10
cg04779631	2.05E-09	1.80E-10	6.73	12.9038678	2.36E-01	84115895	84116018	NC_000015.9
cg25673112	2.05E-09	1.80E-10	6.73	12.9029411	5.34E-02	126824398	126824521	NC_000010.10
cg02996801	2.05E-09	1.80E-10	6.73	12.9027401	1.65E-01	113441944	113442067	NC_000004.11
cg21296602	2.05E-09	1.80E-10	6.73	12.9021254	1.70E-01	93476060	93476183	NC_000011.9
cg07039180	2.05E-09	1.80E-10	6.73	12.9008806	1.98E-01	49814435	49814558	NC_000007.13

cg16802159	2.06E-09	1.81E-10	6.73	12.8993633	1.48E-01	86457719	86457842	NC_000016.9
cg02014853	2.06E-09	1.81E-10	6.73	12.8992755	1.05E-01	29595335	29595458	NC_000006.11
cg11963233	2.06E-09	1.81E-10	6.73	12.8989421	1.38E-01	25754301	25754424	NC_000018.9
cg00656478	2.06E-09	1.81E-10	6.73	12.8982165	4.47E-02	132480963	132481086	NC_000009.11
cg05133323	2.06E-09	1.81E-10	6.73	12.8964017	9.37E-02	116682493	116682616	NC_000012.11
cg07560587	2.06E-09	1.81E-10	6.73	12.8952461	1.09E-01	88016574	88016697	NC_000016.9
cg09182138	2.06E-09	1.81E-10	6.73	12.8951925	1.16E-01	156612436	156612559	NC_000001.10
cg04264908	2.07E-09	1.82E-10	6.73	12.8933916	2.16E-01	35303330	35303453	NC_000017.10
cg23766724	2.07E-09	1.82E-10	6.73	12.8933842	1.09E-01	27172631	27172754	NC_000007.13
cg05670472	2.07E-09	1.82E-10	6.73	12.8933639	1.36E-01	140805732	140805855	NC_000005.9
cg13564533	2.07E-09	1.82E-10	6.73	12.8923252	1.68E-01	55379081	55379204	NC_000008.10
cg22536554	2.07E-09	1.82E-10	6.73	12.8923178	2.26E-01	94834201	94834324	NC_000010.10
cg16701893	2.07E-09	1.82E-10	6.73	12.8907346	5.62E-02	164670259	164670382	NC_000001.10
cg22340508	2.08E-09	1.83E-10	6.73	12.8866972	1.41E-01	22891978	22892101	NC_000019.9
cg06327407	2.08E-09	1.83E-10	6.73	12.88613	1.81E-01	2781399	2781522	NC_000020.10
cg14784009	2.09E-09	1.84E-10	6.73	12.8840845	6.65E-02	94964696	94964819	NC_000012.11
cg13986215	2.09E-09	1.84E-10	6.73	12.8835145	4.94E-02	129828770	129828893	NC_000010.10
cg15161225	2.09E-09	1.84E-10	6.73	12.8821736	6.68E-02	36013678	36013801	NC_000022.10
cg06773295	2.09E-09	1.84E-10	6.73	12.8814433	3.93E-02	3028577	3028700	NC_000001.10
cg12110677	2.09E-09	1.84E-10	6.73	12.8809525	1.34E-01	2781483	2781606	NC_000020.10
cg03349184	2.09E-09	1.84E-10	6.73	12.8800538	2.33E-01	28740982	28741105	NC_000006.11
cg08924917	2.09E-09	1.84E-10	6.73	12.8795906	5.86E-02	17054295	17054418	NC_000003.11
cg27311970	2.10E-09	1.84E-10	6.73	12.8789121	6.79E-02	54195830	54195953	NC_000001.10
cg07664005	2.10E-09	1.85E-10	6.73	12.8769511	1.20E-01	172671068	172671191	NC_000005.9
cg16834320	2.10E-09	1.85E-10	6.73	12.8755393	8.25E-02	195167302	195167425	NC_000003.11

cg09034646	2.11E-09	1.85E-10	6.73	12.8746183	1.15E-01	1309654	1309777	NC_000008.10
cg18133300	2.11E-09	1.85E-10	6.73	12.8745977	2.77E-02	62376474	62376597	NC_000011.9
cg08130144	2.11E-09	1.85E-10	6.73	12.8741537	1.81E-01	41883493	41883616	NC_000004.11
cg14558568	2.11E-09	1.85E-10	6.73	12.8740445	1.17E-01	41621052	41621175	NC_000006.11
cg07008600	2.11E-09	1.85E-10	6.73	12.873743	1.30E-01	33261204	33261327	NC_000003.11
cg19556854	2.11E-09	1.86E-10	6.73	12.872962	1.04E-01	32945549	32945672	NC_000006.11
cg15854847	2.11E-09	1.86E-10	6.73	12.8728412	1.42E-01	23563970	23564093	NC_000008.10
cg24886267	2.11E-09	1.86E-10	6.73	12.8725805	1.66E-01	167956306	167956429	NC_000005.9
cg07518714	2.11E-09	1.86E-10	6.73	12.8725077	1.09E-01	32064945	32065068	NC_000006.11
cg21838979	2.11E-09	1.86E-10	6.73	12.8712726	1.20E-01	106681945	106682068	NC_000002.11
cg22408430	2.11E-09	1.86E-10	6.73	12.8709885	1.11E-01	63883266	63883389	NC_000011.9
cg11944480	2.11E-09	1.86E-10	6.73	12.8709677	1.11E-01	23452035	23452158	NC_000007.13
cg15996043	2.12E-09	1.86E-10	6.73	12.8691306	2.01E-01	70346221	70346344	NC_000014.8
cg20101398	2.12E-09	1.86E-10	6.73	12.868562	4.96E-02	114384045	114384168	NC_000006.11
cg15812020	2.12E-09	1.86E-10	6.73	12.8685174	1.13E-01	25506235	25506358	NC_000013.10
cg26499363	2.12E-09	1.87E-10	6.73	12.8682251	1.56E-01	46796119	46796242	NC_000017.10
cg08047376	2.12E-09	1.87E-10	6.73	12.8681088	1.83E-01	79739940	79740063	NC_000002.11
cg04716530	2.12E-09	1.87E-10	6.73	12.8680231	1.01E-01	30485684	30485807	NC_000016.9
cg18892424	2.12E-09	1.87E-10	6.73	12.8675218	1.13E-01	131034796	131034919	NC_000010.10
cg04751631	2.12E-09	1.87E-10	6.73	12.8675097	1.52E-01	149917170	149917293	NC_000007.13
cg17172761	2.12E-09	1.87E-10	6.73	12.8660128	9.63E-02	62120439	62120562	NC_000017.10
cg12270738	2.12E-09	1.87E-10	6.73	12.8650857	1.54E-02	19282546	19282669	NC_000001.10
cg16521213	2.12E-09	1.87E-10	6.73	12.8647873	5.36E-02	277384	277507	NC_000002.11
cg04674956	2.12E-09	1.87E-10	6.73	12.8646612	1.44E-01	65499048	65499171	NC_000008.10
cg26181583	2.13E-09	1.88E-10	6.73	12.8618847	7.87E-02	38907470	38907593	NC_000017.10

cg18774692	2.13E-09	1.88E-10	6.73	12.8616734	9.39E-02	89033280	89033403	NC_000012.11
cg15075709	2.14E-09	1.89E-10	6.73	12.8577715	1.15E-01	1217335	1217458	NC_000011.9
cg18649503	2.14E-09	1.89E-10	6.73	12.8573995	8.61E-02	28187510	28187633	NC_000006.11
cg12243597	2.14E-09	1.89E-10	6.73	12.8558383	2.34E-01	62585877	62586000	NC_000012.11
cg04329125	2.15E-09	1.89E-10	6.72	12.854382	1.21E-01	105945022	105945145	NC_000014.8
cg16559361	2.15E-09	1.89E-10	6.72	12.8541355	1.12E-01	88543440	88543563	NC_000016.9
cg01450705	2.15E-09	1.89E-10	6.72	12.8540461	1.40E-01	175300027	175300150	NC_000005.9
cg18854392	2.15E-09	1.89E-10	6.72	12.8535837	1.49E-01	167191873	167191996	NC_000003.11
cg15946312	2.15E-09	1.89E-10	6.72	12.8535714	5.90E-02	180646880	180647003	NC_000005.9
cg17418784	2.15E-09	1.89E-10	6.72	12.8535136	8.30E-02	4004409	4004532	NC_000001.10
cg12848639	2.15E-09	1.90E-10	6.72	12.8523305	6.22E-02	1438375	1438498	NC_000005.9
cg14395791	2.15E-09	1.90E-10	6.72	12.8522469	3.81E-02	140166606	140166729	NC_000009.11
cg10319857	2.15E-09	1.90E-10	6.72	12.8515607	1.30E-01	69653345	69653468	NC_000016.9
cg05171693	2.15E-09	1.90E-10	6.72	12.8501687	6.92E-02	1117775	1117898	NC_000007.13
cg05208249	2.15E-09	1.90E-10	6.72	12.8497166	9.71E-02	81135497	81135620	NC_000015.9
cg25271672	2.16E-09	1.90E-10	6.72	12.8495518	1.03E-01	156462624	156462747	NC_000001.10
cg11698180	2.16E-09	1.90E-10	6.72	12.8483322	5.79E-02	46019376	46019499	NC_000021.8
cg03369269	2.16E-09	1.91E-10	6.72	12.8473151	1.65E-01	25745946	25746069	NC_000013.10
cg22244305	2.16E-09	1.91E-10	6.72	12.8470867	3.58E-02	33892662	33892785	NC_000019.9
cg23726408	2.16E-09	1.91E-10	6.72	12.8467113	1.19E-01	123498880	123499003	NC_000003.11
cg01727686	2.16E-09	1.91E-10	6.72	12.8462338	9.54E-02	63997306	63997429	NC_000011.9
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cg22584618	2.16E-09	1.91E-10	6.72	12.8447852	1.27E-01	35298212	35298335	NC_000007.13
cg07078225	2.17E-09	1.91E-10	6.72	12.844327	1.69E-01	52652377	52652500	NC_000012.11
cg27352992	2.17E-09	1.92E-10	6.72	12.841708	1.70E-01	41087092	41087215	NC_000012.11

cg03506028	2.18E-09	1.92E-10	6.72	12.8397763	1.32E-01	35494689	35494812	NC_000007.13
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cg03479211	2.18E-09	1.92E-10	6.72	12.8394745	1.20E-01	8117508	8117631	NC_000010.10
cg14385245	2.18E-09	1.92E-10	6.72	12.8388867	1.28E-01	83953765	83953888	NC_000015.9
cg07900958	2.18E-09	1.92E-10	6.72	12.8384847	1.15E-01	49139512	49139635	NC_000022.10
cg04685747	2.18E-09	1.92E-10	6.72	12.8375348	9.19E-02	8458793	8458916	NC_000019.9
cg17862113	2.18E-09	1.93E-10	6.72	12.8371364	1.36E-01	17743282	17743405	NC_000011.9
cg21540621	2.18E-09	1.93E-10	6.72	12.8366024	1.69E-01	115531033	115531156	NC_000011.9
cg00183415	2.18E-09	1.93E-10	6.72	12.8363997	4.64E-02	71008388	71008511	NC_000010.10
cg13689003	2.18E-09	1.93E-10	6.72	12.8356285	2.11E-01	156406102	156406225	NC_000001.10
cg15123692	2.18E-09	1.93E-10	6.72	12.8354088	1.77E-01	23886357	23886480	NC_000002.11
cg12170868	2.19E-09	1.93E-10	6.72	12.8336116	4.69E-02	33275470	33275593	NC_000006.11
cg12857541	2.20E-09	1.94E-10	6.72	12.8292293	1.19E-01	24583375	24583498	NC_000004.11
cg19706446	2.20E-09	1.94E-10	6.72	12.8289351	1.00E-01	3440313	3440436	NC_000010.10
cg04492459	2.20E-09	1.94E-10	6.72	12.8286899	6.76E-02	4520501	4520624	NC_000017.10
cg20467114	2.20E-09	1.94E-10	6.72	12.8279106	4.22E-02	3365744	3365867	NC_000012.11
cg23082773	2.20E-09	1.95E-10	6.72	12.8260692	4.53E-02	77445972	77446095	NC_000011.9
cg26405376	2.20E-09	1.95E-10	6.72	12.8257226	1.43E-01	175961105	175961228	NC_000005.9
cg06982190	2.21E-09	1.95E-10	6.72	12.8253314	1.43E-01	27199815	27199938	NC_000007.13
cg25234732	2.21E-09	1.95E-10	6.72	12.824327	1.48E-01	56183885	56184008	NC_000007.13
cg24924958	2.21E-09	1.95E-10	6.72	12.8238395	1.63E-01	142409993	142410116	NC_000006.11
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cg11108269	2.22E-09	1.96E-10	6.72	12.8204959	1.90E-01	36989404	36989527	NC_000014.8
cg08201421	2.22E-09	1.96E-10	6.72	12.8203336	5.02E-02	44456151	44456274	NC_000020.10
cg11442052	2.22E-09	1.96E-10	6.72	12.819712	1.30E-01	35723321	35723444	NC_000003.11

cg23475625	2.22E-09	1.96E-10	6.72	12.8196472	1.73E-01	155259680	155259803	NC_000007.13
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cg17361203	2.22E-09	1.97E-10	6.72	12.8168441	1.37E-01	117666889	117667012	NC_000011.9
cg00366531	2.23E-09	1.97E-10	6.72	12.8151039	9.75E-02	130970940	130971063	NC_000002.11
cg25957599	2.23E-09	1.97E-10	6.72	12.8150096	1.15E-01	166635593	166635716	NC_000006.11
cg07450037	2.23E-09	1.97E-10	6.72	12.8131086	1.75E-01	27135147	27135270	NC_000007.13
cg00073543	2.23E-09	1.97E-10	6.72	12.8126765	1.26E-01	38941882	38942005	NC_000001.10
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cg08569180	2.23E-09	1.98E-10	6.72	12.8117307	1.46E-01	2773427	2773550	NC_000002.11
cg04217082	2.23E-09	1.98E-10	6.72	12.8117188	1.37E-01	37889752	37889875	NC_000008.10
cg22204479	2.24E-09	1.98E-10	6.72	12.8109098	1.58E-01	21378227	21378350	NC_000020.10
cg18134312	2.24E-09	1.98E-10	6.72	12.8107676	1.68E-01	62996183	62996306	NC_000006.11
cg14909325	2.24E-09	1.98E-10	6.72	12.8084249	9.07E-02	1674770	1674893	NC_000011.9
cg19035186	2.25E-09	1.99E-10	6.72	12.8061916	8.29E-02	239948889	239949012	NC_000002.11
cg19178853	2.25E-09	1.99E-10	6.72	12.8060877	2.13E-01	174450408	174450531	NC_000004.11
cg03035213	2.25E-09	1.99E-10	6.72	12.8057135	2.51E-01	88497077	88497200	NC_000016.9
cg20695936	2.25E-09	1.99E-10	6.72	12.8047783	1.24E-01	25257624	25257747	NC_000001.10
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cg01686933	2.25E-09	1.99E-10	6.72	12.8035874	8.81E-02	119596104	119596227	NC_000011.9
cg13101887	2.26E-09	2.00E-10	6.71	12.8007531	9.21E-02	29890938	29891061	NC_000010.10
cg23308184	2.26E-09	2.00E-10	6.71	12.80074	5.97E-02	132977221	132977344	NC_000010.10
cg18470427	2.26E-09	2.00E-10	6.71	12.8004787	1.41E-01	33842301	33842424	NC_000017.10
cg19003884	2.26E-09	2.00E-10	6.71	12.7998387	1.38E-01	100060945	100061068	NC_000006.11



cg05552184	2.26E-09	2.01E-10	6.71	12.7969934	8.87E-02	71548685	71548808	NC_000017.10
cg14670629	2.26E-09	2.01E-10	6.71	12.7969104	7.28E-02	29769556	29769679	NC_000010.10
cg01464093	2.27E-09	2.01E-10	6.71	12.7949973	9.79E-02	125242501	125242624	NC_000003.11
cg00054771	2.27E-09	2.01E-10	6.71	12.7942334	1.60E-01	175202397	175202520	NC_000002.11
cg23295454	2.27E-09	2.01E-10	6.71	12.7930366	1.54E-01	100437951	100438074	NC_000014.8
cg10435816	2.27E-09	2.02E-10	6.71	12.7924455	1.75E-01	140797280	140797403	NC_000005.9
cg26864230	2.28E-09	2.02E-10	6.71	12.7921054	1.61E-01	47911508	47911631	NC_000001.10
cg13421062	2.28E-09	2.02E-10	6.71	12.7918343	1.72E-01	35301069	35301192	NC_000007.13
cg22315453	2.28E-09	2.02E-10	6.71	12.7916853	1.02E-01	10402330	10402453	NC_000006.11
cg17969084	2.28E-09	2.02E-10	6.71	12.7912015	1.94E-01	27191097	27191220	NC_000007.13
cg04523661	2.28E-09	2.02E-10	6.71	12.7906698	9.21E-02	1302808	1302931	NC_000019.9
cg21865844	2.28E-09	2.02E-10	6.71	12.7892663	6.89E-02	69661197	69661320	NC_000011.9
cg02881274	2.28E-09	2.02E-10	6.71	12.7888764	1.36E-01	49935948	49936071	NC_000019.9
cg05335975	2.28E-09	2.02E-10	6.71	12.7882195	9.72E-02	24045702	24045825	NC_000014.8
cg05396425	2.29E-09	2.03E-10	6.71	12.7857219	6.47E-02	4587038	4587161	NC_000016.9
cg05774290	2.29E-09	2.03E-10	6.71	12.7848909	8.67E-02	31811203	31811326	NC_000012.11
cg07488338	2.29E-09	2.03E-10	6.71	12.7831715	1.05E-01	89663024	89663147	NC_000005.9
cg04203587	2.30E-09	2.04E-10	6.71	12.7825036	1.23E-01	75895612	75895735	NC_000004.11
cg16122424	2.30E-09	2.04E-10	6.71	12.7824789	1.05E-01	41258337	41258460	NC_000015.9
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cg23405172	2.30E-09	2.04E-10	6.71	12.7814373	4.88E-02	49165394	49165517	NC_000019.9
cg12172441	2.30E-09	2.04E-10	6.71	12.7808278	1.80E-01	28176163	28176286	NC_000006.11
cg06943005	2.30E-09	2.04E-10	6.71	12.7797865	1.92E-02	144897576	144897699	NC_000008.10
cg01746118	2.30E-09	2.04E-10	6.71	12.7794128	4.50E-02	169569064	169569187	NC_000006.11
cg18215217	2.31E-09	2.04E-10	6.71	12.7784668	1.51E-01	84456410	84456533	NC_000013.10

cg10625533	2.31E-09	2.04E-10	6.71	12.7782601	1.53E-01	233498682	233498805	NC_000002.11
cg08199013	2.31E-09	2.05E-10	6.71	12.7778128	1.05E-01	330010	330133	NC_000016.9
cg05452899	2.31E-09	2.05E-10	6.71	12.7767585	1.96E-01	2161133	2161256	NC_000011.9
cg24926465	2.31E-09	2.05E-10	6.71	12.7762372	1.40E-01	156007787	156007910	NC_000003.11
cg19404354	2.31E-09	2.05E-10	6.71	12.7753278	9.77E-02	202093479	202093602	NC_000001.10
cg22740492	2.31E-09	2.05E-10	6.71	12.7751934	1.38E-01	31820658	31820781	NC_000011.9
cg01149940	2.32E-09	2.06E-10	6.71	12.7699636	7.09E-02	50632967	50633090	NC_000022.10
cg13392078	2.32E-09	2.06E-10	6.71	12.7696927	1.74E-01	36036514	36036637	NC_000009.11
cg04932544	2.33E-09	2.06E-10	6.71	12.769051	1.53E-01	210111403	210111526	NC_000001.10
cg23432345	2.33E-09	2.07E-10	6.71	12.7667942	1.76E-01	27196153	27196276	NC_000007.13
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cg06856528	2.33E-09	2.07E-10	6.71	12.7657412	1.69E-01	193059405	193059528	NC_000002.11
cg08959182	2.33E-09	2.07E-10	6.71	12.7652869	1.36E-01	87661076	87661199	NC_000005.9
cg21566642	2.34E-09	2.08E-10	6.71	12.7636148	1.27E-01	233284661	233284784	NC_000002.11
cg22280475	2.34E-09	2.08E-10	6.71	12.7620112	1.43E-01	25897534	25897657	NC_000008.10
cg23330204	2.34E-09	2.08E-10	6.71	12.7608918	9.57E-02	91321677	91321800	NC_000006.11
cg09876519	2.34E-09	2.08E-10	6.71	12.7605142	1.49E-01	50675610	50675733	NC_000006.11
cg21242918	2.35E-09	2.08E-10	6.71	12.7596572	2.12E-01	118897194	118897317	NC_000010.10
cg16648632	2.35E-09	2.08E-10	6.71	12.7590602	1.42E-01	6003584	6003707	NC_000006.11
cg21582253	2.36E-09	2.09E-10	6.71	12.7546672	1.42E-01	16181039	16181162	NC_000005.9
cg21705897	2.36E-09	2.10E-10	6.71	12.7536926	2.13E-01	55444061	55444184	NC_000006.11
cg13534450	2.36E-09	2.10E-10	6.71	12.7522297	2.07E-01	75897297	75897420	NC_000008.10
cg02316596	2.37E-09	2.10E-10	6.71	12.750735	1.56E-01	120434979	120435102	NC_000011.9
cg03576469	2.37E-09	2.10E-10	6.71	12.7505564	2.02E-01	46917061	46917184	NC_000019.9
cg06307913	2.37E-09	2.10E-10	6.71	12.7503531	1.62E-01	81118794	81118917	NC_000004.11

cg27318000	2.37E-09	2.10E-10	6.71	12.7501379	8.38E-02	3845667	3845790	NC_000018.9
cg26555777	2.37E-09	2.11E-10	6.71	12.7491225	1.01E-01	38885050	38885173	NC_000019.9
cg13860360	2.37E-09	2.11E-10	6.71	12.7487432	1.29E-01	33846010	33846133	NC_000013.10
cg07658503	2.37E-09	2.11E-10	6.71	12.748024	1.97E-01	30722177	30722300	NC_000007.13
cg09965733	2.38E-09	2.11E-10	6.71	12.7462576	1.92E-01	42079131	42079254	NC_000014.8
cg19721730	2.38E-09	2.11E-10	6.7	12.7454442	6.01E-02	50173685	50173808	NC_000019.9
cg22458832	2.38E-09	2.11E-10	6.7	12.7452815	1.16E-01	43506497	43506620	NC_000017.10
cg08465346	2.38E-09	2.11E-10	6.7	12.7450803	1.39E-01	54441458	54441581	NC_000012.11
cg21266547	2.38E-09	2.12E-10	6.7	12.7448127	5.04E-02	61654618	61654741	NC_000018.9
cg16376000	2.38E-09	2.12E-10	6.7	12.7442766	2.50E-01	192127330	192127453	NC_000003.11
cg01478234	2.38E-09	2.12E-10	6.7	12.7438909	1.03E-01	107975299	107975422	NC_000012.11
cg18720533	2.38E-09	2.12E-10	6.7	12.7431675	1.05E-01	134833372	134833495	NC_000010.10
cg22620111	2.38E-09	2.12E-10	6.7	12.7430651	1.04E-01	14849245	14849368	NC_000003.11
cg17623854	2.38E-09	2.12E-10	6.7	12.7428416	6.28E-02	134791660	134791783	NC_000010.10
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cg06457577	2.39E-09	2.12E-10	6.7	12.7412305	4.27E-02	74631030	74631153	NC_000015.9
cg06473363	2.39E-09	2.12E-10	6.7	12.7410674	1.26E-01	31631797	31631920	NC_000006.11
cg24625634	2.39E-09	2.13E-10	6.7	12.7400459	1.52E-02	117484948	117485071	NC_000012.11
cg03679715	2.39E-09	2.13E-10	6.7	12.7391651	4.75E-02	176295869	176295992	NC_000005.9
cg00500705	2.39E-09	2.13E-10	6.7	12.7390781	1.38E-01	114029659	114029782	NC_000012.11
cg13318787	2.39E-09	2.13E-10	6.7	12.738776	1.35E-01	50262177	50262300	NC_000005.9
cg24216701	2.40E-09	2.13E-10	6.7	12.7378376	7.41E-02	149545928	149546051	NC_000005.9
cg12983839	2.40E-09	2.13E-10	6.7	12.7363629	6.61E-02	2334615	2334738	NC_000019.9
cg03293883	2.40E-09	2.13E-10	6.7	12.7359782	5.63E-02	86124742	86124865	NC_000006.11
cg21213617	2.40E-09	2.14E-10	6.7	12.7353357	9.02E-02	124989241	124989364	NC_000009.11

cg21255942	2.40E-09	2.14E-10	6.7	12.733978	2.20E-01	39954186	39954309	NC_000022.10
cg02300114	2.41E-09	2.14E-10	6.7	12.733124	1.00E-01	130604047	130604170	NC_000012.11
cg05233155	2.41E-09	2.14E-10	6.7	12.733081	5.33E-02	10408528	10408651	NC_000011.9
cg07979271	2.41E-09	2.14E-10	6.7	12.7319217	1.07E-01	50921353	50921476	NC_000019.9
cg06984025	2.41E-09	2.14E-10	6.7	12.7312308	1.45E-01	971757	971880	NC_000009.11
cg16080876	2.41E-09	2.15E-10	6.7	12.7303794	1.48E-01	24813866	24813989	NC_000008.10
cg27105390	2.41E-09	2.15E-10	6.7	12.7302756	1.41E-01	23253316	23253439	NC_000019.9
cg01259029	2.41E-09	2.15E-10	6.7	12.7301493	1.50E-01	10564690	10564813	NC_000005.9
cg24776343	2.41E-09	2.15E-10	6.7	12.7301087	1.08E-01	24189786	24189909	NC_000013.10
cg03943081	2.42E-09	2.15E-10	6.7	12.7279898	1.37E-01	133110646	133110769	NC_000010.10
cg00942219	2.42E-09	2.15E-10	6.7	12.7276676	1.23E-01	85203635	85203758	NC_000016.9
cg19876649	2.42E-09	2.16E-10	6.7	12.7248147	1.18E-01	3220273	3220396	NC_000018.9
cg25593631	2.43E-09	2.16E-10	6.7	12.7239429	1.07E-01	9687880	9688003	NC_000001.10
cg05653707	2.43E-09	2.16E-10	6.7	12.7238712	1.90E-01	119304938	119305061	NC_000010.10
cg15835058	2.43E-09	2.16E-10	6.7	12.7227359	1.28E-01	39022380	39022503	NC_000006.11
cg14861047	2.43E-09	2.17E-10	6.7	12.7217255	6.30E-02	48657326	48657449	NC_000003.11
cg16977035	2.43E-09	2.17E-10	6.7	12.7213777	8.25E-02	44330474	44330597	NC_000011.9
cg14443467	2.44E-09	2.17E-10	6.7	12.7198366	1.32E-01	140604406	140604529	NC_000005.9
cg02285263	2.44E-09	2.17E-10	6.7	12.7194809	1.35E-01	152129749	152129872	NC_000006.11
cg09540565	2.44E-09	2.17E-10	6.7	12.7184434	4.01E-02	88212683	88212806	NC_000016.9
cg25966908	2.44E-09	2.17E-10	6.7	12.7182472	1.22E-01	55516751	55516874	NC_000007.13
cg11659501	2.44E-09	2.17E-10	6.7	12.7175189	1.89E-01	81471678	81471801	NC_000012.11
cg00306395	2.44E-09	2.18E-10	6.7	12.7169394	4.71E-02	45832603	45832726	NC_000011.9
cg26814075	2.44E-09	2.18E-10	6.7	12.7167291	9.75E-02	127881298	127881421	NC_000007.13
cg25911551	2.45E-09	2.18E-10	6.7	12.7147036	1.34E-01	144266241	144266364	NC_000004.11

cg19435264	2.45E-09	2.18E-10	6.7	12.7139676	1.97E-01	149569537	149569660	NC_000005.9
cg00554173	2.45E-09	2.18E-10	6.7	12.7136074	8.68E-02	3149777	3149900	NC_000020.10
cg01454215	2.45E-09	2.19E-10	6.7	12.7129204	1.39E-01	27530363	27530486	NC_000002.11
cg05372242	2.46E-09	2.19E-10	6.7	12.7112573	1.50E-01	36983542	36983665	NC_000014.8
cg26115216	2.46E-09	2.19E-10	6.7	12.7098894	1.13E-01	138739916	138740039	NC_000003.11
cg07763376	2.46E-09	2.19E-10	6.7	12.7086297	1.25E-01	178016195	178016318	NC_000005.9
cg18304339	2.46E-09	2.20E-10	6.7	12.7080662	4.66E-02	52213734	52213857	NC_000014.8
cg14222245	2.46E-09	2.20E-10	6.7	12.7080489	1.11E-01	58861502	58861625	NC_000019.9
cg05715492	2.47E-09	2.20E-10	6.7	12.7069326	1.48E-01	98991138	98991261	NC_000007.13
cg07498624	2.47E-09	2.20E-10	6.7	12.7057642	1.58E-01	204831	204954	NC_000016.9
cg24975244	2.47E-09	2.20E-10	6.7	12.7055953	1.02E-01	106091410	106091533	NC_000014.8
cg08559648	2.47E-09	2.20E-10	6.7	12.7043406	5.31E-02	45889692	45889815	NC_000013.10
cg12757011	2.47E-09	2.21E-10	6.7	12.7030286	1.08E-01	162281111	162281234	NC_000002.11
cg23059310	2.48E-09	2.21E-10	6.7	12.7017705	4.94E-02	32807327	32807450	NC_000006.11
cg11310950	2.48E-09	2.21E-10	6.7	12.7001747	1.86E-01	71217407	71217530	NC_000007.13
cg08567000	2.48E-09	2.22E-10	6.7	12.6995924	3.91E-02	31084107	31084230	NC_000006.11
cg19442470	2.48E-09	2.22E-10	6.7	12.6994712	1.17E-01	27470225	27470348	NC_000008.10
cg27021722	2.48E-09	2.22E-10	6.7	12.6987917	7.53E-02	22999077	22999200	NC_000004.11
cg06876311	2.49E-09	2.22E-10	6.7	12.6959942	9.71E-02	38479181	38479304	NC_000022.10
cg20419735	2.50E-09	2.23E-10	6.7	12.6935298	1.44E-01	46824292	46824415	NC_000017.10
cg01911708	2.50E-09	2.23E-10	6.7	12.6919345	1.73E-01	61886082	61886205	NC_000020.10
cg04689048	2.50E-09	2.23E-10	6.69	12.6913298	1.18E-01	46999289	46999412	NC_000019.9
cg06541501	2.50E-09	2.23E-10	6.69	12.6911591	9.41E-02	25903852	25903975	NC_000008.10
cg06564388	2.50E-09	2.23E-10	6.69	12.6910911	1.02E-01	153855257	153855380	NC_000005.9
cg16495265	2.51E-09	2.24E-10	6.69	12.6894164	2.04E-01	46671010	46671133	NC_000017.10

cg22399111	2.51E-09	2.24E-10	6.69	12.6893142	9.86E-02	142295325	142295448	NC_000008.10
cg09953520	2.51E-09	2.24E-10	6.69	12.6868573	9.57E-02	25812278	25812401	NC_000008.10
cg26202195	2.51E-09	2.24E-10	6.69	12.686521	1.01E-01	105379368	105379491	NC_000008.10
cg05970033	2.52E-09	2.25E-10	6.69	12.6855232	6.73E-02	78441950	78442073	NC_000005.9
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cg03849279	2.52E-09	2.25E-10	6.69	12.6840218	7.82E-02	67751821	67751944	NC_000016.9
cg04469059	2.52E-09	2.25E-10	6.69	12.6836641	1.83E-01	134872096	134872219	NC_000005.9
cg25756586	2.52E-09	2.25E-10	6.69	12.6826518	5.37E-02	78172613	78172736	NC_000017.10
cg17069590	2.53E-09	2.26E-10	6.69	12.6795706	1.10E-01	112647810	112647933	NC_000003.11
cg22942897	2.53E-09	2.26E-10	6.69	12.6795613	1.27E-01	3680345	3680468	NC_000001.10
cg21922574	2.53E-09	2.26E-10	6.69	12.678651	2.00E-01	70535925	70536048	NC_000018.9
cg08480826	2.54E-09	2.27E-10	6.69	12.6770133	1.83E-01	87981253	87981376	NC_000005.9
cg26981593	2.54E-09	2.27E-10	6.69	12.6752239	4.13E-02	33232239	33232362	NC_000006.11
cg09937190	2.54E-09	2.27E-10	6.69	12.6744848	1.14E-01	15177509	15177632	NC_000020.10
cg08241373	2.54E-09	2.27E-10	6.69	12.6738232	3.57E-02	33139529	33139652	NC_000006.11
cg25537993	2.55E-09	2.27E-10	6.69	12.6736863	1.82E-01	58545182	58545305	NC_000019.9
cg16657397	2.55E-09	2.28E-10	6.69	12.6723071	1.93E-01	186079367	186079490	NC_000003.11
cg13482432	2.55E-09	2.28E-10	6.69	12.6722906	1.99E-01	79633350	79633473	NC_000009.11
cg08367801	2.55E-09	2.28E-10	6.69	12.6714439	1.89E-01	98111529	98111652	NC_000005.9
cg10281977	2.55E-09	2.28E-10	6.69	12.6711063	1.98E-01	105070864	105070987	NC_000014.8
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cg06707286	2.55E-09	2.28E-10	6.69	12.6709526	6.52E-02	102010195	102010318	NC_000015.9
cg23718462	2.55E-09	2.28E-10	6.69	12.6707639	1.24E-01	25621118	25621241	NC_000013.10
cg07594636	2.55E-09	2.28E-10	6.69	12.6699503	2.19E-01	68547088	68547211	NC_000002.11
cg19700658	2.56E-09	2.29E-10	6.69	12.66776	4.64E-02	73719872	73719995	NC_000011.9

cg04444661	2.56E-09	2.29E-10	6.69	12.6667678	9.75E-02	38552952	38553075	NC_000005.9
cg16255914	2.57E-09	2.30E-10	6.69	12.6644599	1.33E-01	53832438	53832561	NC_000019.9
cg19313043	2.57E-09	2.30E-10	6.69	12.6644287	1.95E-01	115880207	115880330	NC_000001.10
cg06324785	2.57E-09	2.30E-10	6.69	12.6642366	1.14E-01	25960219	25960342	NC_000022.10
cg20894270	2.57E-09	2.30E-10	6.69	12.6631999	6.07E-02	21200993	21201116	NC_000018.9
cg07791834	2.57E-09	2.30E-10	6.69	12.6622359	6.95E-02	48800382	48800505	NC_000019.9
cg01098939	2.58E-09	2.30E-10	6.69	12.6610481	4.80E-02	2742274	2742397	NC_000007.13
cg17610169	2.58E-09	2.30E-10	6.69	12.6610361	2.64E-02	10750973	10751096	NC_000011.9
cg14524956	2.58E-09	2.31E-10	6.69	12.6589877	1.01E-01	215804508	215804631	NC_000001.10
cg27530370	2.58E-09	2.31E-10	6.69	12.6587386	1.19E-01	154589288	154589411	NC_000001.10
cg08956010	2.58E-09	2.31E-10	6.69	12.6580794	8.05E-02	4479889	4480012	NC_000012.11
cg25770267	2.59E-09	2.31E-10	6.69	12.6567874	8.46E-02	7596685	7596808	NC_000001.10
cg05860313	2.59E-09	2.32E-10	6.69	12.655325	2.29E-01	35395663	35395786	NC_000001.10
cg07858908	2.59E-09	2.32E-10	6.69	12.6549719	1.64E-01	76733537	76733660	NC_000018.9
cg21651328	2.60E-09	2.32E-10	6.69	12.6531912	1.82E-01	21657756	21657879	NC_000019.9
cg11328303	2.60E-09	2.32E-10	6.69	12.6526179	1.66E-01	26505440	26505563	NC_000010.10
cg06954658	2.60E-09	2.32E-10	6.69	12.6525553	1.73E-01	76740093	76740216	NC_000018.9
cg25095187	2.60E-09	2.33E-10	6.69	12.6517282	1.06E-01	29335792	29335915	NC_000002.11
cg09714379	2.60E-09	2.33E-10	6.69	12.6504427	1.51E-01	135044040	135044163	NC_000010.10
cg19763461	2.60E-09	2.33E-10	6.69	12.6500503	1.87E-01	63284557	63284680	NC_000002.11
cg00303982	2.60E-09	2.33E-10	6.69	12.6499977	2.21E-01	145556952	145557075	NC_000008.10
cg11005250	2.61E-09	2.33E-10	6.69	12.6486079	1.70E-01	108297742	108297865	NC_000012.11
cg19402371	2.61E-09	2.34E-10	6.69	12.6470795	9.89E-02	55889013	55889136	NC_000019.9
cg10879397	2.61E-09	2.34E-10	6.69	12.6462402	7.09E-02	148555266	148555389	NC_000005.9
cg08612384	2.61E-09	2.34E-10	6.69	12.646111	5.83E-02	27228511	27228634	NC_000017.10

cg02736395	2.62E-09	2.34E-10	6.69	12.6451192	1.01E-01	227748424	227748547	NC_000001.10
cg02565715	2.62E-09	2.35E-10	6.69	12.6423742	2.07E-01	75525001	75525124	NC_000017.10
cg20647257	2.62E-09	2.35E-10	6.69	12.6417739	1.22E-01	601713	601836	NC_000007.13
cg21970789	2.62E-09	2.35E-10	6.69	12.6417737	9.60E-02	134826388	134826511	NC_000005.9
cg09804380	2.62E-09	2.35E-10	6.69	12.6414424	2.07E-01	13910700	13910823	NC_000001.10
cg24452128	2.63E-09	2.35E-10	6.69	12.6410041	1.92E-01	10390919	10391042	NC_000006.11
cg18119735	2.63E-09	2.35E-10	6.69	12.6396995	9.89E-02	236850308	236850431	NC_000001.10
cg20568390	2.63E-09	2.36E-10	6.69	12.6391979	6.69E-02	54723340	54723463	NC_000001.10
cg02952984	2.63E-09	2.36E-10	6.69	12.6375347	1.80E-01	58724041	58724164	NC_000015.9
cg02593932	2.64E-09	2.36E-10	6.68	12.6363051	1.56E-01	154728308	154728431	NC_000002.11
cg10323051	2.64E-09	2.36E-10	6.68	12.6361713	5.18E-02	92570771	92570894	NC_000015.9
cg09697644	2.64E-09	2.36E-10	6.68	12.6357659	7.11E-02	34375039	34375162	NC_000016.9
cg21971807	2.64E-09	2.37E-10	6.68	12.6353116	7.80E-02	57471654	57471777	NC_000020.10
cg05332960	2.64E-09	2.37E-10	6.68	12.6350698	1.58E-01	31020418	31020541	NC_000018.9
cg05791946	2.64E-09	2.37E-10	6.68	12.6350127	1.08E-01	3160851	3160974	NC_000001.10
cg17368114	2.65E-09	2.37E-10	6.68	12.6327247	7.28E-02	138268312	138268435	NC_000005.9
cg14002226	2.65E-09	2.37E-10	6.68	12.6324556	1.23E-01	138676624	138676747	NC_000009.11
cg03706436	2.65E-09	2.37E-10	6.68	12.6321619	1.86E-01	30717225	30717348	NC_000019.9
cg25229306	2.65E-09	2.37E-10	6.68	12.6316386	1.00E-01	57426374	57426497	NC_000020.10
cg03007524	2.65E-09	2.38E-10	6.68	12.6307289	8.97E-02	50620975	50621098	NC_000022.10
cg19851909	2.66E-09	2.38E-10	6.68	12.627384	1.81E-01	94134827	94134950	NC_000011.9
cg21494680	2.67E-09	2.39E-10	6.68	12.625527	1.09E-01	375849	375972	NC_000019.9
cg02940165	2.67E-09	2.39E-10	6.68	12.6242594	1.58E-01	57149563	57149686	NC_000019.9
cg14586939	2.67E-09	2.40E-10	6.68	12.6223268	1.71E-01	156130206	156130329	NC_000004.11
cg04166913	2.68E-09	2.40E-10	6.68	12.6208929	1.18E-01	32945336	32945459	NC_000006.11



cg17975177	2.68E-09	2.40E-10	6.68	12.6199295	5.46E-02	53816548	53816671	NC_000001.10
cg00059737	2.68E-09	2.40E-10	6.68	12.6193105	1.23E-01	12400434	12400557	NC_000001.10
cg01973394	2.68E-09	2.41E-10	6.68	12.6180726	9.62E-02	82335947	82336070	NC_000015.9
cg04115740	2.69E-09	2.41E-10	6.68	12.6160214	1.45E-01	6690948	6691071	NC_000017.10
cg10934129	2.69E-09	2.42E-10	6.68	12.6148314	1.67E-01	172655841	172655964	NC_000005.9
cg26660800	2.70E-09	2.42E-10	6.68	12.6133251	1.24E-01	59480926	59481049	NC_000017.10
cg15100100	2.70E-09	2.42E-10	6.68	12.6129444	2.17E-01	77332993	77333116	NC_000001.10
cg01938476	2.70E-09	2.42E-10	6.68	12.6116965	1.19E-01	7076853	7076976	NC_000012.11
cg22090592	2.71E-09	2.43E-10	6.68	12.6098404	8.16E-02	105174642	105174765	NC_000014.8
cg11804932	2.71E-09	2.43E-10	6.68	12.60939	1.19E-01	106402507	106402630	NC_000010.10
cg21582956	2.71E-09	2.43E-10	6.68	12.6081712	6.69E-02	57422435	57422558	NC_000012.11
cg24669528	2.71E-09	2.43E-10	6.68	12.6081386	1.83E-01	37248838	37248961	NC_000013.10
cg13582542	2.71E-09	2.44E-10	6.68	12.6066885	7.49E-02	132795405	132795528	NC_000002.11
cg01410472	2.72E-09	2.44E-10	6.68	12.6060856	1.53E-01	75896975	75897098	NC_000008.10
cg24006667	2.72E-09	2.44E-10	6.68	12.6055007	1.18E-01	86758571	86758694	NC_000007.13
cg27627493	2.72E-09	2.44E-10	6.68	12.6037844	1.46E-01	63767360	63767483	NC_000015.9
cg19095981	2.72E-09	2.44E-10	6.68	12.6036385	1.60E-01	53516701	53516824	NC_000005.9
cg21507528	2.72E-09	2.44E-10	6.68	12.6028089	4.07E-02	18747315	18747438	NC_000011.9
cg13436968	2.73E-09	2.45E-10	6.68	12.5993819	1.31E-01	54622973	54623096	NC_000007.13
cg04091712	2.74E-09	2.46E-10	6.68	12.5975701	6.44E-02	4563767	4563890	NC_000016.9
cg11185802	2.74E-09	2.46E-10	6.68	12.596955	5.84E-02	9494396	9494519	NC_000004.11
cg08718490	2.74E-09	2.46E-10	6.68	12.5968617	1.64E-01	52943099	52943222	NC_000004.11
cg02520639	2.74E-09	2.46E-10	6.68	12.5954149	1.50E-01	82021210	82021333	NC_000008.10
cg23601515	2.74E-09	2.46E-10	6.68	12.5951825	7.42E-02	74017805	74017928	NC_000017.10
cg01514341	2.74E-09	2.46E-10	6.68	12.5951638	8.45E-02	29142291	29142414	NC_000016.9

cg24495052	2.74E-09	2.46E-10	6.68	12.5950256	6.26E-02	8189468	8189591	NC_000017.10
cg04788769	2.75E-09	2.47E-10	6.68	12.5934127	7.61E-02	102800604	102800727	NC_000002.11
cg14611174	2.75E-09	2.47E-10	6.68	12.5923639	1.68E-01	60975837	60975960	NC_000014.8
cg02919615	2.75E-09	2.47E-10	6.68	12.5920102	1.21E-01	1295656	1295779	NC_000019.9
cg00870778	2.76E-09	2.48E-10	6.68	12.5900731	1.36E-01	97598492	97598615	NC_000007.13
cg09226986	2.76E-09	2.48E-10	6.68	12.5891682	1.05E-01	160852328	160852451	NC_000006.11
cg19760917	2.76E-09	2.48E-10	6.68	12.5888022	6.47E-02	2411643	2411766	NC_000001.10
cg23264443	2.76E-09	2.48E-10	6.68	12.5883109	2.96E-02	4854690	4854813	NC_000019.9
cg16139785	2.76E-09	2.48E-10	6.68	12.588195	1.03E-01	103088924	103089047	NC_000014.8
cg10311806	2.76E-09	2.48E-10	6.68	12.5881705	2.49E-01	7708670	7708793	NC_000010.10
cg15391359	2.76E-09	2.48E-10	6.68	12.5874533	1.78E-01	14995536	14995659	NC_000011.9
cg14196143	2.77E-09	2.49E-10	6.68	12.5865266	2.78E-02	13711924	13712047	NC_000006.11
cg23243982	2.77E-09	2.49E-10	6.68	12.5856311	1.02E-01	132974568	132974691	NC_000012.11
cg08811259	2.77E-09	2.49E-10	6.68	12.5832874	1.20E-01	56878665	56878788	NC_000006.11
cg10800833	2.78E-09	2.50E-10	6.67	12.5815595	2.05E-01	57521657	57521780	NC_000004.11
cg13386839	2.78E-09	2.50E-10	6.67	12.5814383	3.34E-02	12250343	12250466	NC_000001.10
cg03082580	2.78E-09	2.50E-10	6.67	12.5810445	1.01E-01	89911298	89911421	NC_000015.9
cg21084260	2.78E-09	2.50E-10	6.67	12.5796355	6.44E-02	195311868	195311991	NC_000003.11
cg15504461	2.79E-09	2.51E-10	6.67	12.5786758	1.31E-01	147140880	147141003	NC_000003.11
cg23153481	2.79E-09	2.51E-10	6.67	12.5772777	1.55E-01	112547871	112547994	NC_000013.10
cg16594581	2.79E-09	2.51E-10	6.67	12.5761345	6.96E-02	140531865	140531988	NC_000005.9
cg19950455	2.79E-09	2.51E-10	6.67	12.5759005	2.03E-01	44495595	44495718	NC_000021.8
cg27383651	2.79E-09	2.51E-10	6.67	12.5758391	1.10E-01	28888809	28888932	NC_000006.11
cg21402417	2.80E-09	2.51E-10	6.67	12.5754914	4.90E-02	234926093	234926216	NC_000002.11
cg07803284	2.80E-09	2.51E-10	6.67	12.575396	7.86E-02	185812471	185812594	NC_000003.11

cg19828791	2.80E-09	2.52E-10	6.67	12.5738267	1.07E-01	100823400	100823523	NC_000007.13
cg00469814	2.80E-09	2.52E-10	6.67	12.5738243	1.61E-01	188953677	188953800	NC_000004.11
cg00924685	2.80E-09	2.52E-10	6.67	12.5732511	7.98E-02	17475656	17475779	NC_000001.10
cg20027133	2.80E-09	2.52E-10	6.67	12.5731372	1.65E-01	35547514	35547637	NC_000011.9
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cg22300320	2.80E-09	2.52E-10	6.67	12.571998	2.80E-02	79027117	79027240	NC_000017.10
cg25915307	2.81E-09	2.52E-10	6.67	12.5713929	2.06E-01	50064736	50064859	NC_000022.10
cg09415639	2.81E-09	2.53E-10	6.67	12.5707738	1.30E-01	72987836	72987959	NC_000008.10
cg10511467	2.81E-09	2.53E-10	6.67	12.5707209	4.47E-02	81529963	81530086	NC_000016.9
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cg15746583	2.82E-09	2.53E-10	6.67	12.5679226	1.18E-01	87088834	87088957	NC_000002.11
cg15199678	2.82E-09	2.54E-10	6.67	12.5671641	1.55E-01	96642510	96642633	NC_000007.13
cg00414354	2.82E-09	2.54E-10	6.67	12.5662371	4.92E-02	174788002	174788125	NC_000002.11
cg25544164	2.82E-09	2.54E-10	6.67	12.5655019	1.31E-01	5824159	5824282	NC_000019.9
cg11192416	2.82E-09	2.54E-10	6.67	12.5648271	1.48E-01	231296968	231297091	NC_000001.10
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cg11672037	2.83E-09	2.54E-10	6.67	12.5641128	2.30E-01	48010808	48010931	NC_000015.9
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cg06163425	2.84E-09	2.56E-10	6.67	12.5584304	1.67E-01	131761150	131761273	NC_000010.10
cg11739633	2.84E-09	2.56E-10	6.67	12.5575894	1.24E-01	156459986	156460109	NC_000001.10
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cg17139666	2.85E-09	2.56E-10	6.67	12.5562569	1.12E-01	174421440	174421563	NC_000004.11

cg13846998	2.85E-09	2.57E-10	6.67	12.5547238	1.44E-01	45406295	45406418	NC_000010.10
cg23673761	2.85E-09	2.57E-10	6.67	12.5546452	1.39E-01	196865686	196865809	NC_000001.10
cg17299899	2.85E-09	2.57E-10	6.67	12.5535718	1.65E-01	76738478	76738601	NC_000018.9
cg10762626	2.85E-09	2.57E-10	6.67	12.553422	1.63E-01	28344715	28344838	NC_000015.9
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cg20312179	2.86E-09	2.57E-10	6.67	12.5520437	1.03E-01	51981505	51981628	NC_000001.10
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cg09314708	2.86E-09	2.58E-10	6.67	12.5498678	1.36E-01	132812991	132813114	NC_000011.9
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cg18646979	2.88E-09	2.59E-10	6.67	12.5459666	2.60E-02	72012470	72012593	NC_000010.10
cg20586900	2.88E-09	2.59E-10	6.67	12.5450665	6.56E-02	156256229	156256352	NC_000003.11
cg15513163	2.88E-09	2.59E-10	6.67	12.5448907	1.06E-01	70034139	70034262	NC_000001.10
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cg09151754	2.90E-09	2.62E-10	6.67	12.5358144	1.27E-01	5019310	5019433	NC_000017.10
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cg27155163	2.91E-09	2.62E-10	6.67	12.5342093	5.25E-02	151026011	151026134	NC_000007.13
cg02207386	2.91E-09	2.62E-10	6.67	12.5341606	1.43E-01	25895834	25895957	NC_000007.13

cg25140773	2.91E-09	2.62E-10	6.67	12.5338023	9.73E-02	128448807	128448930	NC_000005.9
cg11676902	2.91E-09	2.62E-10	6.67	12.5334756	1.75E-01	100061972	100062095	NC_000006.11
cg16795066	2.91E-09	2.62E-10	6.67	12.5330749	8.14E-02	66437078	66437201	NC_000016.9
cg24351410	2.91E-09	2.63E-10	6.67	12.5323346	1.68E-01	58716033	58716156	NC_000001.10
cg16403344	2.92E-09	2.63E-10	6.67	12.5306899	2.10E-01	113229392	113229515	NC_000012.11
cg03906434	2.92E-09	2.63E-10	6.67	12.5293876	1.53E-01	27231819	27231942	NC_000007.13
cg03454705	2.92E-09	2.64E-10	6.67	12.528465	7.75E-02	80535428	80535551	NC_000017.10
cg08780398	2.92E-09	2.64E-10	6.67	12.5284522	1.40E-01	77585381	77585504	NC_000008.10
cg11496364	2.92E-09	2.64E-10	6.66	12.5279749	8.49E-02	114258120	114258243	NC_000002.11
cg00143362	2.93E-09	2.64E-10	6.66	12.5277286	5.36E-02	15000025	15000148	NC_000010.10
cg13660942	2.93E-09	2.64E-10	6.66	12.5275731	1.04E-01	2031922	2032045	NC_000012.11
cg16117653	2.93E-09	2.64E-10	6.66	12.5269174	1.33E-01	4891192	4891315	NC_000019.9
cg12188410	2.93E-09	2.64E-10	6.66	12.5268979	1.24E-01	112460467	112460590	NC_000006.11
cg13769223	2.93E-09	2.64E-10	6.66	12.5268186	1.95E-01	27011963	27012086	NC_000021.8
cg16344173	2.93E-09	2.64E-10	6.66	12.5259546	6.18E-02	2158623	2158746	NC_000007.13
cg03347444	2.93E-09	2.65E-10	6.66	12.5246846	1.42E-01	32926880	32927003	NC_000011.9
cg12514789	2.93E-09	2.65E-10	6.66	12.524384	1.58E-01	19158123	19158246	NC_000007.13
cg20387341	2.93E-09	2.65E-10	6.66	12.524315	1.77E-01	44389282	44389405	NC_000005.9
cg14870792	2.94E-09	2.65E-10	6.66	12.523286	1.59E-01	2163532	2163655	NC_000012.11
cg06872514	2.95E-09	2.66E-10	6.66	12.5203031	8.30E-02	139746715	139746838	NC_000009.11
cg01104047	2.95E-09	2.66E-10	6.66	12.5190506	1.33E-01	136834155	136834278	NC_000005.9
cg09829551	2.95E-09	2.66E-10	6.66	12.5188183	1.35E-01	86599111	86599234	NC_000016.9
cg12163132	2.95E-09	2.67E-10	6.66	12.5178925	9.46E-02	59475917	59476040	NC_000017.10
cg13153708	2.95E-09	2.67E-10	6.66	12.5172916	1.39E-01	65078521	65078644	NC_000014.8
cg13489127	2.95E-09	2.67E-10	6.66	12.5172403	4.08E-02	33781501	33781624	NC_000021.8

cg22533573	2.96E-09	2.67E-10	6.66	12.516833	1.06E-01	32452771	32452894	NC_000011.9
cg01791778	2.97E-09	2.68E-10	6.66	12.5132996	7.27E-02	583901	584024	NC_000002.11
cg06043419	2.97E-09	2.68E-10	6.66	12.5130955	1.50E-01	80256137	80256260	NC_000005.9
cg01557332	2.97E-09	2.68E-10	6.66	12.5128032	8.45E-02	169641045	169641168	NC_000006.11
cg03348397	2.97E-09	2.68E-10	6.66	12.51276	1.60E-01	54789648	54789771	NC_000008.10
cg10129041	2.97E-09	2.69E-10	6.66	12.5101501	1.33E-01	129494526	129494649	NC_000002.11
cg01405404	2.98E-09	2.69E-10	6.66	12.5093937	1.69E-01	37282556	37282679	NC_000019.9
cg23905216	2.98E-09	2.70E-10	6.66	12.5068551	1.55E-01	2161390	2161513	NC_000011.9
cg21769640	2.99E-09	2.70E-10	6.66	12.5060666	1.03E-01	23300066	23300189	NC_000019.9
cg11910759	2.99E-09	2.70E-10	6.66	12.504681	8.64E-02	7011519	7011642	NC_000017.10
cg05492170	2.99E-09	2.70E-10	6.66	12.5042589	1.35E-01	111536341	111536464	NC_000004.11
cg04539957	2.99E-09	2.70E-10	6.66	12.5042506	7.80E-02	44650068	44650191	NC_000020.10
cg19346371	3.00E-09	2.71E-10	6.66	12.5021249	1.75E-01	115120789	115120912	NC_000012.11
cg15744026	3.01E-09	2.72E-10	6.66	12.4979022	9.58E-02	32258302	32258425	NC_000017.10
cg03048432	3.01E-09	2.72E-10	6.66	12.4972627	1.47E-01	51290751	51290874	NC_000014.8
cg04651603	3.01E-09	2.72E-10	6.66	12.496418	1.50E-01	54321302	54321425	NC_000012.11
cg16672956	3.02E-09	2.73E-10	6.66	12.4958025	9.47E-02	88091767	88091890	NC_000016.9
cg12385482	3.03E-09	2.74E-10	6.66	12.4927171	6.00E-02	125802442	125802565	NC_000011.9
cg03958798	3.03E-09	2.74E-10	6.66	12.4910316	1.95E-01	106400686	106400809	NC_000010.10
cg21300719	3.04E-09	2.75E-10	6.66	12.4889817	1.38E-01	201097122	201097245	NC_000001.10
cg18031880	3.04E-09	2.75E-10	6.66	12.4878317	1.46E-01	115829932	115830055	NC_000011.9
cg00089100	3.04E-09	2.75E-10	6.66	12.4877821	3.82E-02	26922951	26923074	NC_000022.10
cg27554156	3.04E-09	2.75E-10	6.66	12.4872535	1.57E-01	13248725	13248848	NC_000012.11
cg22346073	3.04E-09	2.75E-10	6.66	12.4871251	1.12E-01	122402890	122403013	NC_000002.11
cg18045133	3.04E-09	2.75E-10	6.66	12.4859081	7.16E-02	133183688	133183811	NC_000012.11

cg07547695	3.05E-09	2.76E-10	6.66	12.4832124	1.24E-01	111881075	111881198	NC_000002.11
cg18416585	3.05E-09	2.76E-10	6.66	12.4827675	1.05E-01	62756100	62756223	NC_000004.11
cg22934200	3.06E-09	2.77E-10	6.66	12.4814414	1.13E-01	61407270	61407393	NC_000002.11
cg04140663	3.06E-09	2.77E-10	6.66	12.4814308	1.56E-01	83315922	83316045	NC_000015.9
cg20124587	3.06E-09	2.77E-10	6.66	12.4810635	1.66E-01	176971355	176971478	NC_000002.11
cg18043195	3.07E-09	2.78E-10	6.66	12.4781139	9.97E-02	19033231	19033354	NC_000009.11
cg24234899	3.07E-09	2.78E-10	6.66	12.4762891	2.00E-01	118922493	118922616	NC_000010.10
cg09830083	3.08E-09	2.79E-10	6.66	12.4750457	9.60E-02	131561058	131561181	NC_000005.9
cg22920300	3.08E-09	2.79E-10	6.66	12.4749911	1.82E-01	181441364	181441487	NC_000003.11
cg17173166	3.08E-09	2.79E-10	6.66	12.4745089	4.91E-02	129692887	129693010	NC_000003.11
cg23786545	3.08E-09	2.79E-10	6.66	12.4744596	7.47E-02	130580518	130580641	NC_000011.9
cg22147660	3.08E-09	2.79E-10	6.66	12.4740099	1.74E-01	5895006	5895129	NC_000018.9
cg27308754	3.09E-09	2.79E-10	6.65	12.4720172	1.09E-01	123318999	123319122	NC_000006.11
cg14618923	3.09E-09	2.80E-10	6.65	12.4711343	1.52E-01	108978075	108978198	NC_000006.11
cg06721601	3.09E-09	2.80E-10	6.65	12.4707373	1.20E-01	101762633	101762756	NC_000007.13
cg12562967	3.09E-09	2.80E-10	6.65	12.4698427	2.02E-01	40006192	40006315	NC_000019.9
cg14780990	3.09E-09	2.80E-10	6.65	12.4692555	1.18E-01	93181182	93181305	NC_000015.9
cg02390569	3.10E-09	2.81E-10	6.65	12.4674458	4.93E-02	145624983	145625106	NC_000008.10
cg14493920	3.10E-09	2.81E-10	6.65	12.4668733	1.63E-01	37038053	37038176	NC_000009.11
cg14724471	3.11E-09	2.81E-10	6.65	12.4653791	1.38E-01	57089461	57089584	NC_000020.10
cg10634317	3.11E-09	2.81E-10	6.65	12.4649957	2.86E-02	56657854	56657977	NC_000019.9
cg02626307	3.11E-09	2.81E-10	6.65	12.4645684	7.19E-02	156305725	156305848	NC_000001.10
cg12248614	3.12E-09	2.82E-10	6.65	12.4617867	2.30E-01	41018880	41019003	NC_000019.9
cg09403249	3.12E-09	2.82E-10	6.65	12.4615902	1.61E-01	45444203	45444326	NC_000012.11
cg17331296	3.12E-09	2.83E-10	6.65	12.4604946	2.27E-01	41754181	41754304	NC_000008.10

cg08262496	3.12E-09	2.83E-10	6.65	12.4592645	8.77E-02	22023163	22023286	NC_000016.9
cg06212471	3.13E-09	2.84E-10	6.65	12.4558877	5.60E-02	72458478	72458601	NC_000004.11
cg05423257	3.14E-09	2.85E-10	6.65	12.4539603	2.66E-02	233321600	233321723	NC_000002.11
cg07153966	3.15E-09	2.85E-10	6.65	12.4516419	1.36E-01	27147590	27147713	NC_000007.13
cg11877726	3.15E-09	2.85E-10	6.65	12.4515817	2.50E-02	99637027	99637150	NC_000014.8
cg24430580	3.15E-09	2.85E-10	6.65	12.451067	1.55E-01	111544235	111544358	NC_000004.11
cg19035107	3.16E-09	2.86E-10	6.65	12.4484728	1.50E-01	26745662	26745785	NC_000006.11
cg11659025	3.16E-09	2.86E-10	6.65	12.4480154	4.02E-02	147767989	147768112	NC_000001.10
cg23401210	3.16E-09	2.86E-10	6.65	12.4479896	5.55E-02	57630628	57630751	NC_000019.9
cg19764540	3.16E-09	2.87E-10	6.65	12.447174	9.74E-02	26782423	26782546	NC_000002.11
cg16790847	3.16E-09	2.87E-10	6.65	12.4458404	1.11E-01	147123429	147123552	NC_000003.11
cg07143418	3.17E-09	2.87E-10	6.65	12.4444738	1.97E-01	23567548	23567671	NC_000008.10
cg06274671	3.17E-09	2.88E-10	6.65	12.4437927	1.27E-01	51185236	51185359	NC_000016.9
cg27067781	3.18E-09	2.88E-10	6.65	12.4418518	1.56E-01	32116853	32116976	NC_000006.11
cg04142555	3.18E-09	2.89E-10	6.65	12.4399359	1.00E-01	23892656	23892779	NC_000015.9
cg01604138	3.18E-09	2.89E-10	6.65	12.4393449	4.65E-02	71202794	71202917	NC_000011.9
cg20318156	3.18E-09	2.89E-10	6.65	12.4390779	8.41E-02	99469323	99469446	NC_000001.10
cg21859603	3.19E-09	2.90E-10	6.65	12.4357988	7.40E-02	33247092	33247215	NC_000006.11
cg23886314	3.20E-09	2.90E-10	6.65	12.4354557	8.14E-02	116272127	116272250	NC_000007.13
cg23509896	3.20E-09	2.90E-10	6.65	12.4339219	1.79E-01	62680345	62680468	NC_000020.10
cg17520027	3.20E-09	2.91E-10	6.65	12.4327024	1.40E-01	200010708	200010831	NC_000001.10
cg15996950	3.21E-09	2.91E-10	6.65	12.4318879	9.58E-02	112282703	112282826	NC_000013.10
cg21764921	3.21E-09	2.91E-10	6.65	12.43057	3.92E-02	32825040	32825163	NC_000006.11
cg18888520	3.21E-09	2.92E-10	6.65	12.4299838	2.13E-01	58609806	58609929	NC_000019.9
cg19078067	3.21E-09	2.92E-10	6.65	12.4296937	1.19E-01	71586227	71586350	NC_000017.10



cg23818921	3.22E-09	2.92E-10	6.65	12.4288161	6.33E-02	76871621	76871744	NC_000004.11
cg03587843	3.22E-09	2.92E-10	6.65	12.4286171	1.36E-01	1885516	1885639	NC_000005.9
cg27413632	3.22E-09	2.93E-10	6.65	12.4268976	3.75E-02	63963913	63964036	NC_000003.11
cg01696226	3.22E-09	2.93E-10	6.65	12.4266053	1.60E-01	79448527	79448650	NC_000017.10
cg21532103	3.22E-09	2.93E-10	6.65	12.4264703	7.33E-02	238535538	238535661	NC_000002.11
cg18099189	3.23E-09	2.93E-10	6.65	12.4255267	1.06E-01	54960259	54960382	NC_000004.11
cg18030133	3.23E-09	2.93E-10	6.65	12.4251058	8.72E-02	143929406	143929529	NC_000006.11
cg00205340	3.23E-09	2.94E-10	6.65	12.4230509	5.19E-02	79044277	79044400	NC_000015.9
cg16808373	3.24E-09	2.94E-10	6.65	12.4222212	1.39E-01	122850140	122850263	NC_000011.9
cg03053597	3.24E-09	2.94E-10	6.65	12.4211524	1.09E-01	17231486	17231609	NC_000001.10
cg20313969	3.24E-09	2.94E-10	6.65	12.420985	1.20E-01	112939562	112939685	NC_000002.11
cg07301944	3.24E-09	2.94E-10	6.65	12.4206863	1.16E-01	82660464	82660587	NC_000016.9
cg11112161	3.24E-09	2.95E-10	6.65	12.4202305	1.55E-01	33823004	33823127	NC_000017.10
cg24534926	3.24E-09	2.95E-10	6.65	12.4202192	1.31E-01	36667484	36667607	NC_000017.10
cg07782451	3.24E-09	2.95E-10	6.65	12.4201992	1.55E-01	494156	494279	NC_000008.10
cg23781495	3.25E-09	2.95E-10	6.64	12.4189239	1.38E-01	118917109	118917232	NC_000009.11
cg22586192	3.25E-09	2.95E-10	6.64	12.4185766	1.36E-02	57146928	57147051	NC_000012.11
cg14108380	3.25E-09	2.95E-10	6.64	12.4174274	8.56E-02	139299357	139299480	NC_000009.11
cg17062109	3.25E-09	2.95E-10	6.64	12.417115	1.77E-01	46670029	46670152	NC_000017.10
cg07073096	3.26E-09	2.96E-10	6.64	12.4160535	1.05E-01	2870441	2870564	NC_000007.13
cg20817902	3.26E-09	2.96E-10	6.64	12.4156457	2.37E-01	81124121	81124244	NC_000004.11
cg08601899	3.26E-09	2.96E-10	6.64	12.4155066	4.64E-02	114379217	114379340	NC_000006.11
cg14807945	3.26E-09	2.96E-10	6.64	12.4152448	9.60E-02	145189102	145189225	NC_000002.11
cg23861668	3.26E-09	2.96E-10	6.64	12.4150526	2.50E-01	20691126	20691249	NC_000011.9
cg06602847	3.26E-09	2.96E-10	6.64	12.4144235	1.34E-01	122131497	122131620	NC_000009.11

cg04609859	3.27E-09	2.97E-10	6.64	12.4115599	1.74E-01	46655736	46655859	NC_000017.10
cg00703513	3.27E-09	2.97E-10	6.64	12.4111849	9.98E-02	145925258	145925381	NC_000008.10
cg01555907	3.28E-09	2.98E-10	6.64	12.4097498	9.78E-02	32571504	32571627	NC_000009.11
cg27287745	3.28E-09	2.98E-10	6.64	12.4085288	1.36E-01	61104967	61105090	NC_000014.8
cg12545687	3.28E-09	2.98E-10	6.64	12.4082663	1.58E-01	53423262	53423385	NC_000013.10
cg00577070	3.28E-09	2.98E-10	6.64	12.4078639	2.55E-02	47049880	47050003	NC_000003.11
cg08200869	3.29E-09	2.99E-10	6.64	12.4058878	8.23E-02	140807666	140807789	NC_000005.9
cg22858210	3.29E-09	2.99E-10	6.64	12.4039453	7.04E-02	65685787	65685910	NC_000011.9
cg23978968	3.29E-09	2.99E-10	6.64	12.4038091	1.05E-01	101704656	101704779	NC_000001.10
cg12426652	3.29E-09	3.00E-10	6.64	12.4034275	1.53E-01	37915056	37915179	NC_000021.8
cg18965213	3.30E-09	3.00E-10	6.64	12.4020735	4.51E-02	62989995	62990118	NC_000015.9
cg16681268	3.30E-09	3.00E-10	6.64	12.4015789	6.98E-02	117067616	117067739	NC_000007.13
cg11686208	3.30E-09	3.00E-10	6.64	12.4009294	8.76E-02	60763357	60763480	NC_000002.11
cg09895009	3.30E-09	3.01E-10	6.64	12.400487	8.33E-02	152595992	152596115	NC_000001.10
cg23952663	3.31E-09	3.01E-10	6.64	12.3998842	1.54E-01	75601120	75601243	NC_000001.10
cg12571423	3.31E-09	3.01E-10	6.64	12.3990697	1.32E-01	37006748	37006871	NC_000013.10
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cg20253551	3.31E-09	3.01E-10	6.64	12.3986541	1.69E-01	152129400	152129523	NC_000006.11
cg18277764	3.31E-09	3.01E-10	6.64	12.3986142	1.75E-01	239188	239311	NC_000003.11
cg11630154	3.31E-09	3.01E-10	6.64	12.3973952	1.76E-01	137484364	137484487	NC_000003.11
cg03731303	3.31E-09	3.02E-10	6.64	12.3968996	1.60E-01	181443009	181443132	NC_000003.11
cg20405893	3.32E-09	3.02E-10	6.64	12.3956336	1.91E-01	50822158	50822281	NC_000010.10
cg26676559	3.32E-09	3.02E-10	6.64	12.395476	2.10E-01	14995167	14995290	NC_000011.9
cg11706835	3.32E-09	3.02E-10	6.64	12.3947521	1.33E-01	31580560	31580683	NC_000016.9
cg01749436	3.34E-09	3.04E-10	6.64	12.3904448	1.69E-01	9756178	9756301	NC_000008.10

cg10089028	3.35E-09	3.04E-10	6.64	12.3876001	7.32E-02	95286216	95286339	NC_000013.10
cg00981837	3.35E-09	3.05E-10	6.64	12.3855374	1.80E-01	33936262	33936385	NC_000005.9
cg15742840	3.35E-09	3.05E-10	6.64	12.3848834	7.90E-02	21935133	21935256	NC_000017.10
cg01403246	3.35E-09	3.05E-10	6.64	12.3845091	1.30E-01	144512192	144512315	NC_000008.10
cg19694200	3.37E-09	3.07E-10	6.64	12.3797472	2.21E-01	55204351	55204474	NC_000020.10
cg22403273	3.37E-09	3.07E-10	6.64	12.378627	2.16E-01	81951956	81952079	NC_000004.11
cg04005969	3.38E-09	3.07E-10	6.64	12.3782149	1.77E-01	51171247	51171370	NC_000019.9
cg01566235	3.38E-09	3.08E-10	6.64	12.3755691	1.54E-01	36991101	36991224	NC_000014.8
cg01139553	3.39E-09	3.08E-10	6.64	12.3752763	6.00E-02	193493033	193493156	NC_000003.11
cg14074305	3.39E-09	3.08E-10	6.64	12.3748944	1.64E-01	106260513	106260636	NC_000002.11
cg16617817	3.39E-09	3.09E-10	6.64	12.3744607	8.69E-02	1582686	1582809	NC_000007.13
cg21932416	3.39E-09	3.09E-10	6.64	12.3741871	1.79E-01	176997707	176997830	NC_000002.11
cg04837832	3.39E-09	3.09E-10	6.64	12.3728679	1.41E-01	101290958	101291081	NC_000010.10
cg10741308	3.40E-09	3.10E-10	6.64	12.3707292	7.75E-02	97175272	97175395	NC_000010.10
cg14757228	3.40E-09	3.10E-10	6.64	12.3705628	1.78E-01	32116858	32116981	NC_000006.11
cg17979595	3.41E-09	3.10E-10	6.64	12.3688003	8.52E-02	175995850	175995973	NC_000005.9
cg13223938	3.41E-09	3.11E-10	6.64	12.3678982	4.52E-02	132171201	132171324	NC_000012.11
cg04988476	3.41E-09	3.11E-10	6.64	12.3669433	1.64E-01	192444985	192445108	NC_000003.11
cg25657218	3.41E-09	3.11E-10	6.64	12.3662866	1.13E-01	22017062	22017185	NC_000017.10
cg19134945	3.42E-09	3.11E-10	6.64	12.3655534	2.10E-01	111558566	111558689	NC_000004.11
cg13290643	3.42E-09	3.12E-10	6.63	12.3645313	4.96E-02	2093631	2093754	NC_000011.9
cg17234150	3.42E-09	3.12E-10	6.63	12.3645202	1.75E-01	24266905	24267028	NC_000016.9
cg06397845	3.42E-09	3.12E-10	6.63	12.3635844	7.41E-02	35732737	35732860	NC_000017.10
cg24951286	3.42E-09	3.12E-10	6.63	12.3633561	1.50E-01	140625068	140625191	NC_000005.9
cg17202109	3.43E-09	3.12E-10	6.63	12.3629322	2.93E-02	77508977	77509100	NC_000017.10

cg25950625	3.43E-09	3.13E-10	6.63	12.3612708	2.12E-01	41510116	41510239	NC_000005.9
cg07015195	3.43E-09	3.13E-10	6.63	12.3611059	1.55E-01	109093450	109093573	NC_000008.10
cg01466330	3.43E-09	3.13E-10	6.63	12.3603463	8.24E-02	39835697	39835820	NC_000008.10
cg13653963	3.43E-09	3.13E-10	6.63	12.3599472	8.83E-02	135632595	135632718	NC_000009.11
cg05462359	3.43E-09	3.13E-10	6.63	12.3599164	1.83E-01	37837788	37837911	NC_000005.9
cg23573900	3.44E-09	3.14E-10	6.63	12.3583376	1.30E-01	139056794	139056917	NC_000005.9
cg22614787	3.44E-09	3.14E-10	6.63	12.3580073	4.66E-02	13919708	13919831	NC_000019.9
cg09784259	3.44E-09	3.14E-10	6.63	12.3577261	6.52E-02	169703422	169703545	NC_000001.10
cg18803257	3.44E-09	3.14E-10	6.63	12.3573267	8.25E-02	77158025	77158148	NC_000010.10
cg06842954	3.45E-09	3.15E-10	6.63	12.3546942	1.58E-01	111559066	111559189	NC_000004.11
cg06391932	3.45E-09	3.15E-10	6.63	12.354643	1.28E-01	45159894	45160017	NC_000002.11
cg00146249	3.45E-09	3.15E-10	6.63	12.3539302	2.04E-02	79042364	79042487	NC_000017.10
cg22797653	3.46E-09	3.15E-10	6.63	12.3536801	5.11E-02	33466255	33466378	NC_000003.11
cg17929687	3.46E-09	3.15E-10	6.63	12.3536635	1.87E-01	52734325	52734448	NC_000014.8
cg25600049	3.46E-09	3.15E-10	6.63	12.3533113	1.68E-01	53419729	53419852	NC_000013.10
cg10238917	3.46E-09	3.15E-10	6.63	12.3530894	5.60E-02	30942621	30942744	NC_000016.9
cg19643097	3.46E-09	3.16E-10	6.63	12.3525358	5.40E-02	105794085	105794208	NC_000014.8
cg23818621	3.46E-09	3.16E-10	6.63	12.3513472	1.94E-01	4850551	4850674	NC_000008.10
cg13117164	3.46E-09	3.16E-10	6.63	12.3509259	1.60E-01	54960232	54960355	NC_000004.11
cg18366919	3.47E-09	3.16E-10	6.63	12.3502078	1.48E-01	15344364	15344487	NC_000019.9
cg10143543	3.47E-09	3.17E-10	6.63	12.3496054	6.31E-02	76437005	76437128	NC_000004.11
cg22656521	3.47E-09	3.17E-10	6.63	12.3494278	6.30E-02	19118165	19118288	NC_000022.10
cg14975429	3.47E-09	3.17E-10	6.63	12.3480406	1.20E-01	182549604	182549727	NC_000002.11
cg18534345	3.48E-09	3.17E-10	6.63	12.3472927	1.39E-01	120355342	120355465	NC_000010.10
cg08990926	3.48E-09	3.18E-10	6.63	12.3463137	1.70E-01	41086365	41086488	NC_000012.11

cg23554956	3.48E-09	3.18E-10	6.63	12.3453223	2.03E-01	65489040	65489163	NC_000008.10
cg07347205	3.49E-09	3.19E-10	6.63	12.3432115	1.34E-01	87159274	87159397	NC_000016.9
cg21201099	3.49E-09	3.19E-10	6.63	12.3431711	1.34E-01	59482446	59482569	NC_000017.10
cg19961480	3.49E-09	3.19E-10	6.63	12.3427379	1.55E-01	88877216	88877339	NC_000006.11
cg01653446	3.49E-09	3.19E-10	6.63	12.3426119	4.24E-02	20904169	20904292	NC_000014.8
cg04063906	3.49E-09	3.19E-10	6.63	12.3424744	5.59E-02	588539	588662	NC_000007.13
cg23527920	3.49E-09	3.19E-10	6.63	12.3422352	6.66E-02	32906857	32906980	NC_000006.11
cg25387861	3.49E-09	3.19E-10	6.63	12.3422186	5.87E-02	234731684	234731807	NC_000001.10
cg14778576	3.49E-09	3.19E-10	6.63	12.3421834	3.86E-02	160477458	160477581	NC_000003.11
cg23432707	3.49E-09	3.19E-10	6.63	12.3421557	9.28E-02	97278556	97278679	NC_000008.10
cg00319545	3.49E-09	3.19E-10	6.63	12.3420982	1.35E-01	177133737	177133860	NC_000001.10
cg17098255	3.49E-09	3.19E-10	6.63	12.341833	4.69E-02	92636767	92636890	NC_000006.11
cg15698066	3.50E-09	3.19E-10	6.63	12.3415047	2.08E-01	100438647	100438770	NC_000014.8
cg19694460	3.50E-09	3.20E-10	6.63	12.3391944	8.91E-02	6797497	6797620	NC_000007.13
cg05444816	3.51E-09	3.20E-10	6.63	12.3376069	1.37E-01	2162406	2162529	NC_000011.9
cg18811621	3.51E-09	3.21E-10	6.63	12.3373141	7.21E-02	208207188	208207311	NC_000002.11
cg23816049	3.51E-09	3.21E-10	6.63	12.3372952	2.27E-01	224804081	224804204	NC_000001.10
cg05634149	3.51E-09	3.21E-10	6.63	12.3369906	1.98E-01	34395317	34395440	NC_000021.8
cg04422562	3.51E-09	3.21E-10	6.63	12.3365347	1.33E-01	155247170	155247293	NC_000007.13
cg08555552	3.51E-09	3.21E-10	6.63	12.3364228	1.49E-01	13536409	13536532	NC_000004.11
cg27160130	3.51E-09	3.21E-10	6.63	12.3357209	1.65E-01	237073518	237073641	NC_000002.11
cg03397031	3.52E-09	3.21E-10	6.63	12.3351625	4.89E-02	29189308	29189431	NC_000001.10
cg21050013	3.52E-09	3.21E-10	6.63	12.3349902	7.00E-02	48306664	48306787	NC_000019.9
cg04974130	3.52E-09	3.21E-10	6.63	12.3346027	1.17E-01	21951046	21951169	NC_000004.11
cg02867216	3.52E-09	3.21E-10	6.63	12.334367	1.60E-01	72925513	72925636	NC_000018.9

cg03648116	3.52E-09	3.21E-10	6.63	12.3343271	5.44E-02	105945234	105945357	NC_000011.9
cg08697092	3.52E-09	3.22E-10	6.63	12.334092	1.94E-01	56879933	56880056	NC_000019.9
cg00192136	3.52E-09	3.22E-10	6.63	12.3334437	1.90E-01	20178496	20178619	NC_000011.9
cg09071155	3.53E-09	3.22E-10	6.63	12.3314977	1.48E-01	27280914	27281037	NC_000007.13
cg06284231	3.53E-09	3.23E-10	6.63	12.331158	1.59E-01	38724255	38724378	NC_000014.8
cg09781028	3.53E-09	3.23E-10	6.63	12.330339	1.35E-01	90355905	90356028	NC_000007.13
cg23448348	3.53E-09	3.23E-10	6.63	12.3302231	1.66E-01	139257907	139258030	NC_000003.11
cg26195583	3.53E-09	3.23E-10	6.63	12.3299239	1.60E-01	41869348	41869471	NC_000004.11
cg23658462	3.54E-09	3.23E-10	6.63	12.3285665	1.15E-01	1290552	1290675	NC_000019.9
cg10811426	3.54E-09	3.24E-10	6.63	12.3273116	1.32E-01	234667461	234667584	NC_000001.10
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cg11240043	3.58E-09	3.27E-10	6.63	12.3173911	8.09E-02	20250501	20250624	NC_000001.10
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cg02984614	3.58E-09	3.28E-10	6.63	12.3153565	2.31E-01	31618409	31618532	NC_000017.10

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cg24181062	3.59E-09	3.28E-10	6.63	12.3138789	1.02E-01	115705401	115705524	NC_000003.11
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cg11665613	3.60E-09	3.29E-10	6.62	12.31057	7.24E-02	12268883	12269006	NC_000001.10
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cg12908399	3.61E-09	3.30E-10	6.62	12.3082349	1.25E-01	229570288	229570411	NC_000001.10
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cg19478558	3.61E-09	3.31E-10	6.62	12.307141	7.09E-02	44260048	44260171	NC_000018.9
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cg08408994	3.62E-09	3.32E-10	6.62	12.3035596	2.20E-01	44330958	44331081	NC_000011.9
cg01322214	3.62E-09	3.32E-10	6.62	12.3030212	1.27E-01	25219198	25219321	NC_000007.13
cg05157791	3.63E-09	3.33E-10	6.62	12.3008659	8.63E-02	113551036	113551159	NC_000012.11
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cg26020513	3.64E-09	3.33E-10	6.62	12.2996513	1.25E-01	11568356	11568479	NC_000008.10
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cg12940886	3.64E-09	3.33E-10	6.62	12.299102	1.60E-01	59989928	59990051	NC_000013.10
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cg11969556	3.65E-09	3.34E-10	6.62	12.2967567	1.03E-01	176994498	176994621	NC_000002.11
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cg21756485	3.65E-09	3.34E-10	6.62	12.2956912	1.53E-01	36805370	36805493	NC_000003.11
cg16366685	3.65E-09	3.35E-10	6.62	12.2951353	7.29E-02	80535398	80535521	NC_000017.10
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cg05619587	3.69E-09	3.38E-10	6.62	12.2839323	1.80E-01	85306021	85306144	NC_000012.11
cg04344749	3.70E-09	3.39E-10	6.62	12.282492	8.72E-02	25871814	25871937	NC_000001.10
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cg06976250	3.70E-09	3.39E-10	6.62	12.2811955	2.26E-01	113258750	113258873	NC_000011.9
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cg03811905	3.70E-09	3.40E-10	6.62	12.2802701	5.07E-02	239070208	239070331	NC_000002.11
cg12717612	3.71E-09	3.40E-10	6.62	12.2795681	8.14E-02	56321500	56321623	NC_000020.10
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cg08233331	3.73E-09	3.42E-10	6.62	12.2744103	7.57E-02	1359656	1359779	NC_000018.9
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cg17136073	3.73E-09	3.42E-10	6.62	12.2725344	9.20E-02	23310675	23310798	NC_000013.10
cg06728579	3.74E-09	3.43E-10	6.62	12.2715714	2.83E-01	56224901	56225024	NC_000016.9
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cg05269013	3.74E-09	3.43E-10	6.62	12.2712316	1.08E-01	56728520	56728643	NC_000020.10
cg17971015	3.74E-09	3.43E-10	6.62	12.2711142	1.82E-01	12306198	12306321	NC_000019.9
cg25652953	3.74E-09	3.43E-10	6.62	12.2708466	4.64E-02	106713261	106713384	NC_000005.9
cg17630392	3.74E-09	3.43E-10	6.62	12.2708418	1.29E-01	32712623	32712746	NC_000005.9
cg17526483	3.74E-09	3.43E-10	6.62	12.2704773	1.15E-01	27281404	27281527	NC_000007.13
cg08842907	3.74E-09	3.43E-10	6.62	12.2697537	8.79E-02	62470818	62470941	NC_000011.9
cg24829430	3.74E-09	3.44E-10	6.62	12.2690754	5.08E-02	44471057	44471180	NC_000007.13
cg15546071	3.74E-09	3.44E-10	6.62	12.2689453	7.03E-02	135691756	135691879	NC_000002.11
cg07150036	3.75E-09	3.44E-10	6.62	12.2684744	5.73E-02	90017616	90017739	NC_000016.9
cg17561452	3.75E-09	3.44E-10	6.62	12.2684603	6.80E-02	84224707	84224830	NC_000016.9
cg13537240	3.76E-09	3.45E-10	6.62	12.2650381	1.06E-01	2761549	2761672	NC_000012.11
cg15108727	3.76E-09	3.45E-10	6.62	12.2640843	1.47E-01	3104873	3104996	NC_000005.9
cg22286936	3.76E-09	3.45E-10	6.62	12.263756	1.53E-01	50683593	50683716	NC_000006.11
cg02212009	3.77E-09	3.46E-10	6.62	12.2620063	1.44E-01	12820860	12820983	NC_000011.9
cg02902882	3.78E-09	3.47E-10	6.62	12.2598602	9.19E-02	798345	798468	NC_000016.9
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cg06836725	3.78E-09	3.47E-10	6.62	12.2588273	9.22E-02	217515425	217515548	NC_000002.11
cg11826327	3.78E-09	3.47E-10	6.62	12.2587299	6.01E-02	1669926	1670049	NC_000011.9
cg13692655	3.78E-09	3.47E-10	6.62	12.25869	1.14E-01	130713088	130713211	NC_000009.11
cg06849452	3.79E-09	3.48E-10	6.62	12.257001	2.67E-02	68732297	68732420	NC_000016.9
cg15815435	3.79E-09	3.48E-10	6.61	12.2556282	1.10E-01	11605526	11605649	NC_000004.11
cg00592871	3.79E-09	3.49E-10	6.61	12.2550845	7.62E-02	118738517	118738640	NC_000008.10
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cg23998071	3.80E-09	3.49E-10	6.61	12.2530327	1.90E-01	27289669	27289792	NC_000007.13
cg07253769	3.81E-09	3.50E-10	6.61	12.250657	1.11E-01	113447342	113447465	NC_000012.11
cg18531176	3.81E-09	3.51E-10	6.61	12.2495749	8.03E-02	131706744	131706867	NC_000010.10
cg16960402	3.81E-09	3.51E-10	6.61	12.249312	8.68E-02	2032075	2032198	NC_000007.13
cg10098582	3.82E-09	3.51E-10	6.61	12.2471778	6.52E-02	28877881	28878004	NC_000016.9
cg19696317	3.82E-09	3.52E-10	6.61	12.2465861	2.16E-01	84456171	84456294	NC_000013.10
cg25496947	3.83E-09	3.52E-10	6.61	12.2462439	3.09E-02	46192911	46193034	NC_000007.13
cg18739950	3.84E-09	3.53E-10	6.61	12.2426578	1.45E-01	95870440	95870563	NC_000015.9
cg21962423	3.84E-09	3.53E-10	6.61	12.2417494	1.42E-01	113913887	113914010	NC_000012.11
cg03886898	3.84E-09	3.53E-10	6.61	12.241406	4.92E-02	54359132	54359255	NC_000001.10
cg05930000	3.85E-09	3.54E-10	6.61	12.2395668	8.86E-02	23691424	23691547	NC_000002.11
cg00966398	3.85E-09	3.54E-10	6.61	12.2384891	1.40E-01	3602933	3603056	NC_000012.11
cg17929065	3.86E-09	3.55E-10	6.61	12.2372551	1.26E-01	192747379	192747502	NC_000002.11
cg11974937	3.86E-09	3.55E-10	6.61	12.2367531	6.69E-02	22052128	22052251	NC_000017.10
cg12364786	3.86E-09	3.55E-10	6.61	12.2365541	1.40E-01	64056664	64056787	NC_000015.9
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cg19402039	3.86E-09	3.55E-10	6.61	12.2358247	1.25E-01	7546211	7546334	NC_000006.11

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cg00426486	3.87E-09	3.56E-10	6.61	12.2341057	1.27E-01	86605100	86605223	NC_000016.9
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cg04511534	3.87E-09	3.56E-10	6.61	12.2333575	1.46E-01	4463371	4463494	NC_000017.10
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cg10997906	3.88E-09	3.57E-10	6.61	12.2322912	1.24E-01	178753803	178753926	NC_000005.9
cg01618914	3.88E-09	3.57E-10	6.61	12.23128	3.45E-02	33267907	33268030	NC_000020.10
cg27013696	3.88E-09	3.57E-10	6.61	12.2306533	1.21E-01	19158030	19158153	NC_000007.13
cg20634288	3.88E-09	3.57E-10	6.61	12.2303466	5.23E-02	239834567	239834690	NC_000002.11
cg05365320	3.89E-09	3.58E-10	6.61	12.2301228	1.45E-01	200971339	200971462	NC_000001.10
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cg15837212	3.89E-09	3.58E-10	6.61	12.2295677	1.41E-01	63795970	63796093	NC_000001.10
cg27039662	3.90E-09	3.59E-10	6.61	12.2253917	1.52E-01	73163696	73163819	NC_000008.10
cg08627720	3.91E-09	3.60E-10	6.61	12.224289	1.56E-01	96959977	96960100	NC_000015.9
cg21383810	3.91E-09	3.60E-10	6.61	12.224029	2.32E-01	65515470	65515593	NC_000012.11
cg12632832	3.91E-09	3.60E-10	6.61	12.2239755	9.43E-02	157013346	157013469	NC_000001.10
cg20778071	3.91E-09	3.60E-10	6.61	12.2235328	7.27E-02	43729725	43729848	NC_000006.11
cg00682069	3.91E-09	3.60E-10	6.61	12.2222571	1.29E-01	1667458	1667581	NC_000002.11
cg14487379	3.92E-09	3.61E-10	6.61	12.2219647	9.97E-02	135481870	135481993	NC_000009.11
cg06962275	3.92E-09	3.61E-10	6.61	12.2207819	8.80E-02	30010203	30010326	NC_000006.11
cg01718222	3.92E-09	3.61E-10	6.61	12.2199925	9.19E-02	298277	298400	NC_000004.11
cg09992387	3.92E-09	3.61E-10	6.61	12.2195077	1.01E-01	55331285	55331408	NC_000001.10
cg12214908	3.93E-09	3.62E-10	6.61	12.2184412	1.33E-01	47910549	47910672	NC_000019.9
cg19211851	3.93E-09	3.62E-10	6.61	12.217914	1.35E-01	43555466	43555589	NC_000002.11

cg09176274	3.93E-09	3.62E-10	6.61	12.2176742	5.04E-02	32398912	32399035	NC_000010.10
cg06186727	3.93E-09	3.62E-10	6.61	12.2171727	7.11E-02	152591343	152591466	NC_000007.13
cg16702191	3.93E-09	3.62E-10	6.61	12.2167771	3.77E-02	195355586	195355709	NC_000003.11
cg24672116	3.94E-09	3.63E-10	6.61	12.2158722	1.13E-01	130124853	130124976	NC_000010.10
cg15561613	3.94E-09	3.63E-10	6.61	12.2158447	1.25E-01	245851610	245851733	NC_000001.10
cg19823847	3.94E-09	3.63E-10	6.61	12.2152504	8.61E-02	138539706	138539829	NC_000006.11
cg16709433	3.94E-09	3.63E-10	6.61	12.2151388	8.45E-02	53832593	53832716	NC_000006.11
cg20885782	3.94E-09	3.63E-10	6.61	12.2145863	1.52E-01	41875606	41875729	NC_000004.11
cg04276007	3.95E-09	3.64E-10	6.61	12.2137933	9.20E-02	107386512	107386635	NC_000007.13
cg08748948	3.95E-09	3.64E-10	6.61	12.2122895	1.88E-01	20792476	20792599	NC_000022.10
cg18482268	3.95E-09	3.64E-10	6.61	12.2116815	1.64E-01	145718965	145719088	NC_000005.9
cg00095859	3.96E-09	3.65E-10	6.61	12.210833	1.08E-01	1336729	1336852	NC_000007.13
cg11469061	3.96E-09	3.65E-10	6.61	12.2098173	1.68E-01	31826421	31826544	NC_000011.9
cg14215689	3.96E-09	3.65E-10	6.61	12.2091871	1.19E-01	139334807	139334930	NC_000009.11
cg05825073	3.96E-09	3.65E-10	6.61	12.2090443	1.92E-01	27282237	27282360	NC_000007.13
cg24083469	3.97E-09	3.65E-10	6.61	12.2086752	1.59E-01	85673879	85674002	NC_000012.11
cg16347279	3.97E-09	3.66E-10	6.61	12.2072341	1.49E-01	72667709	72667832	NC_000017.10
cg09414627	3.97E-09	3.66E-10	6.61	12.206818	8.69E-02	90225171	90225294	NC_000001.10
cg20198684	3.97E-09	3.66E-10	6.61	12.2065305	7.22E-02	45742032	45742155	NC_000019.9
cg15987088	3.97E-09	3.66E-10	6.61	12.206205	1.31E-01	172166234	172166357	NC_000003.11
cg08372051	3.97E-09	3.66E-10	6.61	12.2061771	2.91E-02	88294446	88294569	NC_000016.9
cg26035366	3.98E-09	3.67E-10	6.61	12.2049915	1.96E-01	26664621	26664744	NC_000003.11
cg19197905	3.98E-09	3.67E-10	6.61	12.2047464	1.01E-01	98716488	98716611	NC_000010.10
cg11723066	3.98E-09	3.67E-10	6.61	12.2045179	1.20E-01	133937475	133937598	NC_000011.9
cg02012576	3.98E-09	3.67E-10	6.61	12.2044183	2.10E-01	133485691	133485814	NC_000012.11

cg06925502	3.98E-09	3.67E-10	6.61	12.2039253	3.63E-02	106848012	106848135	NC_000005.9
cg04277893	3.98E-09	3.67E-10	6.61	12.2037314	5.69E-02	208128984	208129107	NC_000001.10
cg25617340	3.98E-09	3.67E-10	6.61	12.2035603	1.38E-01	37128011	37128134	NC_000014.8
cg11959676	3.99E-09	3.68E-10	6.6	12.2023581	3.16E-02	49719536	49719659	NC_000012.11
cg10900455	3.99E-09	3.68E-10	6.6	12.2023371	1.48E-01	42545099	42545222	NC_000020.10
cg10074544	3.99E-09	3.68E-10	6.6	12.2020756	1.66E-01	110223700	110223823	NC_000004.11
cg15461335	4.00E-09	3.69E-10	6.6	12.200149	1.45E-01	88324432	88324555	NC_000013.10
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cg16134717	4.01E-09	3.70E-10	6.6	12.1958846	1.74E-01	11752494	11752617	NC_000001.10
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cg24612667	4.02E-09	3.70E-10	6.6	12.1952929	1.40E-01	124735554	124735677	NC_000011.9
cg15233681	4.02E-09	3.71E-10	6.6	12.1939116	3.75E-02	102770602	102770725	NC_000002.11
cg25437410	4.03E-09	3.71E-10	6.6	12.1927726	2.28E-01	178017578	178017701	NC_000005.9
cg14971597	4.03E-09	3.72E-10	6.6	12.1910254	2.04E-01	159590578	159590701	NC_000006.11
cg00423167	4.03E-09	3.72E-10	6.6	12.1904727	2.18E-02	31937355	31937478	NC_000006.11
cg11610754	4.04E-09	3.72E-10	6.6	12.1899923	1.99E-01	18722595	18722718	NC_000019.9
cg05584070	4.04E-09	3.73E-10	6.6	12.1895642	7.80E-02	111329221	111329344	NC_000013.10
cg06240465	4.04E-09	3.73E-10	6.6	12.1875853	1.12E-01	46853413	46853536	NC_000021.8
cg23291534	4.05E-09	3.74E-10	6.6	12.186588	2.24E-01	110988043	110988166	NC_000008.10

cg01910478	4.05E-09	3.74E-10	6.6	12.1858029	1.03E-01	76373678	76373801	NC_000014.8
cg04919234	4.06E-09	3.75E-10	6.6	12.1842051	1.49E-01	99392478	99392601	NC_000006.11
cg11089489	4.06E-09	3.75E-10	6.6	12.183937	1.46E-01	37124313	37124436	NC_000014.8
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cg17577122	4.07E-09	3.76E-10	6.6	12.1818965	1.80E-01	19511967	19512090	NC_000022.10
cg04439622	4.07E-09	3.76E-10	6.6	12.1818469	1.31E-01	105944942	105945065	NC_000014.8
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cg07057320	4.08E-09	3.77E-10	6.6	12.1785938	1.41E-01	37852479	37852602	NC_000021.8
cg21672843	4.09E-09	3.78E-10	6.6	12.1762393	1.91E-01	41818905	41819028	NC_000020.10
cg22738281	4.10E-09	3.79E-10	6.6	12.1738162	2.74E-02	8248444	8248567	NC_000004.11
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cg04374393	4.11E-09	3.79E-10	6.6	12.172053	9.92E-02	137483503	137483626	NC_000003.11
cg09177131	4.11E-09	3.80E-10	6.6	12.1711562	1.46E-01	114696462	114696585	NC_000001.10
cg23239971	4.11E-09	3.80E-10	6.6	12.1704115	3.96E-02	169630201	169630324	NC_000004.11
cg22142205	4.12E-09	3.80E-10	6.6	12.1692477	5.73E-02	80132787	80132910	NC_000017.10
cg06000330	4.12E-09	3.81E-10	6.6	12.1677226	1.37E-01	19183231	19183354	NC_000007.13
cg19857737	4.13E-09	3.82E-10	6.6	12.1656843	9.27E-02	39044238	39044361	NC_000001.10
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cg20383794	4.14E-09	3.83E-10	6.6	12.1639589	7.93E-02	2445271	2445394	NC_000011.9
cg10197263	4.14E-09	3.83E-10	6.6	12.1626447	1.01E-01	61718852	61718975	NC_000020.10
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cg26954843	4.15E-09	3.84E-10	6.6	12.1609071	6.42E-02	4310489	4310612	NC_000004.11
cg16399589	4.16E-09	3.84E-10	6.6	12.1597271	1.16E-01	26824423	26824546	NC_000017.10

cg01815567	4.16E-09	3.85E-10	6.6	12.1579508	1.50E-01	4866091	4866214	NC_000004.11
cg01273256	4.17E-09	3.85E-10	6.6	12.1565841	3.59E-02	251829	251952	NC_000020.10
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cg01257889	4.18E-09	3.87E-10	6.6	12.1526794	1.51E-01	113230065	113230188	NC_000012.11
cg15939357	4.19E-09	3.87E-10	6.6	12.1522065	6.59E-02	44223465	44223588	NC_000019.9
cg23821145	4.19E-09	3.88E-10	6.6	12.1507239	8.23E-02	170696031	170696154	NC_000004.11
cg11367401	4.20E-09	3.88E-10	6.6	12.1495853	1.81E-02	134496777	134496900	NC_000010.10
cg17074353	4.21E-09	3.89E-10	6.59	12.1470829	9.57E-02	69590852	69590975	NC_000015.9
cg24603969	4.22E-09	3.90E-10	6.59	12.1447935	6.72E-02	143223013	143223136	NC_000006.11
cg21229079	4.22E-09	3.90E-10	6.59	12.1446006	1.43E-01	111158814	111158937	NC_000013.10
cg09995736	4.22E-09	3.90E-10	6.59	12.1436843	6.02E-02	95702136	95702259	NC_000012.11
cg26811852	4.23E-09	3.91E-10	6.59	12.1423007	1.27E-01	179051885	179052008	NC_000005.9
cg14556896	4.23E-09	3.91E-10	6.59	12.1420185	1.81E-01	22094963	22095086	NC_000012.11
cg19324698	4.23E-09	3.91E-10	6.59	12.1412322	3.07E-02	134652709	134652832	NC_000010.10
cg22289831	4.24E-09	3.92E-10	6.59	12.1392112	1.69E-01	38076709	38076832	NC_000021.8
cg13179074	4.24E-09	3.93E-10	6.59	12.138399	8.32E-02	167064091	167064214	NC_000001.10
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cg05872306	4.26E-09	3.94E-10	6.59	12.1346017	1.51E-01	29236535	29236658	NC_000014.8
cg00508158	4.26E-09	3.95E-10	6.59	12.1336286	8.83E-02	48189514	48189637	NC_000001.10
cg11723848	4.26E-09	3.95E-10	6.59	12.1334056	1.95E-01	96470286	96470409	NC_000004.11
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cg23999695	4.26E-09	3.95E-10	6.59	12.1327052	2.25E-01	89943625	89943748	NC_000015.9
cg13308063	4.27E-09	3.95E-10	6.59	12.1321218	4.34E-02	32042344	32042467	NC_000006.11
cg07769957	4.27E-09	3.95E-10	6.59	12.1318553	1.06E-01	46443657	46443780	NC_000019.9

cg04447756	4.27E-09	3.95E-10	6.59	12.1316348	9.95E-02	138644986	138645109	NC_000005.9
cg09514401	4.28E-09	3.97E-10	6.59	12.1282131	1.31E-01	72988022	72988145	NC_000008.10
cg27421117	4.29E-09	3.97E-10	6.59	12.1266457	1.47E-01	74215659	74215782	NC_000002.11
cg22698998	4.29E-09	3.97E-10	6.59	12.126494	5.69E-02	211344378	211344501	NC_000002.11
cg17330515	4.29E-09	3.98E-10	6.59	12.1254168	9.96E-02	13031369	13031492	NC_000019.9
cg12456269	4.29E-09	3.98E-10	6.59	12.1252281	2.01E-01	142887725	142887848	NC_000002.11
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cg10750934	4.30E-09	3.98E-10	6.59	12.1244652	4.92E-02	45652975	45653098	NC_000019.9
cg14128735	4.31E-09	4.00E-10	6.59	12.1213306	1.06E-01	44324976	44325099	NC_000011.9
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cg06212670	4.33E-09	4.01E-10	6.59	12.1171128	1.27E-01	88543627	88543750	NC_000016.9
cg02704103	4.33E-09	4.02E-10	6.59	12.1164262	9.45E-02	72846991	72847114	NC_000003.11
cg17167920	4.34E-09	4.03E-10	6.59	12.1135896	9.02E-02	154127537	154127660	NC_000001.10
cg06830692	4.34E-09	4.03E-10	6.59	12.1135803	1.45E-01	44954192	44954315	NC_000017.10
cg25561904	4.34E-09	4.03E-10	6.59	12.1135546	1.24E-01	104165401	104165524	NC_000014.8
cg24836607	4.34E-09	4.03E-10	6.59	12.113246	6.97E-02	117067752	117067875	NC_000007.13
cg19078037	4.35E-09	4.03E-10	6.59	12.1119682	1.59E-01	77329049	77329172	NC_000018.9
cg10207181	4.35E-09	4.03E-10	6.59	12.1117753	7.75E-02	147801090	147801213	NC_000001.10
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cg09227150	4.36E-09	4.05E-10	6.59	12.1088324	1.61E-01	102475578	102475701	NC_000010.10
cg25425140	4.37E-09	4.05E-10	6.59	12.1079188	1.87E-01	147098450	147098573	NC_000003.11
cg19389884	4.37E-09	4.05E-10	6.59	12.1078514	1.54E-01	1358515	1358638	NC_000011.9
cg20546002	4.37E-09	4.05E-10	6.59	12.1078333	1.86E-01	178017376	178017499	NC_000005.9
cg19801921	4.38E-09	4.06E-10	6.59	12.1045954	1.83E-01	63784864	63784987	NC_000001.10
cg01934709	4.39E-09	4.07E-10	6.59	12.1032142	5.20E-02	39357454	39357577	NC_000001.10



cg00629427	4.39E-09	4.07E-10	6.59	12.1023428	1.18E-01	95357638	95357761	NC_000013.10
cg25363679	4.39E-09	4.08E-10	6.59	12.1018705	7.55E-02	71031202	71031325	NC_000012.11
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cg04166812	4.41E-09	4.09E-10	6.59	12.0987291	1.53E-01	61122051	61122174	NC_000014.8
cg12506930	4.42E-09	4.10E-10	6.59	12.096091	2.04E-01	58220718	58220841	NC_000019.9
cg19141258	4.42E-09	4.10E-10	6.59	12.0954465	9.85E-02	183993368	183993491	NC_000003.11
cg16031338	4.42E-09	4.10E-10	6.59	12.0951994	6.05E-02	2430136	2430259	NC_000001.10
cg08933939	4.43E-09	4.11E-10	6.58	12.0930577	2.07E-01	100061504	100061627	NC_000006.11
cg21352158	4.43E-09	4.12E-10	6.58	12.092073	8.49E-02	832917	833040	NC_000008.10
cg20648847	4.44E-09	4.12E-10	6.58	12.0916741	1.57E-01	66326767	66326890	NC_000011.9
cg00472801	4.44E-09	4.12E-10	6.58	12.0916164	1.41E-01	62995876	62995999	NC_000006.11
cg08822616	4.44E-09	4.12E-10	6.58	12.0905501	7.85E-02	134257514	134257637	NC_000011.9
cg13661519	4.44E-09	4.12E-10	6.58	12.0904648	1.30E-01	27141088	27141211	NC_000007.13
cg05792861	4.45E-09	4.13E-10	6.58	12.0886288	5.10E-02	18145434	18145557	NC_000003.11
cg09149894	4.45E-09	4.14E-10	6.58	12.0873347	1.10E-01	32097233	32097356	NC_000006.11
cg10418524	4.46E-09	4.14E-10	6.58	12.0864084	1.77E-01	176956678	176956801	NC_000002.11
cg12582959	4.46E-09	4.14E-10	6.58	12.0852495	1.46E-01	56159199	56159322	NC_000019.9
cg06882544	4.46E-09	4.15E-10	6.58	12.0850104	7.10E-02	298926	299049	NC_000004.11
cg23237183	4.47E-09	4.15E-10	6.58	12.0830459	1.82E-01	73429791	73429914	NC_000002.11
cg03273420	4.48E-09	4.16E-10	6.58	12.0817379	8.63E-02	18166322	18166445	NC_000017.10
cg08332148	4.48E-09	4.16E-10	6.58	12.0816949	3.81E-02	75551697	75551820	NC_000010.10
cg20704330	4.49E-09	4.17E-10	6.58	12.079295	4.62E-02	131411549	131411672	NC_000005.9
cg06908244	4.50E-09	4.18E-10	6.58	12.0770628	1.64E-01	100126358	100126481	NC_000014.8
cg16590190	4.50E-09	4.18E-10	6.58	12.0764726	1.06E-01	13909522	13909645	NC_000001.10

cg17694719	4.50E-09	4.19E-10	6.58	12.075693	6.23E-02	150554915	150555038	NC_000007.13
cg11100804	4.51E-09	4.19E-10	6.58	12.0745502	1.27E-01	140783173	140783296	NC_000005.9
cg00008564	4.52E-09	4.20E-10	6.58	12.0714199	9.52E-02	27830391	27830514	NC_000006.11
cg12007399	4.53E-09	4.21E-10	6.58	12.0707683	1.55E-01	3868876	3868999	NC_000019.9
cg06365303	4.53E-09	4.21E-10	6.58	12.068912	1.56E-01	2801844	2801967	NC_000020.10
cg14339760	4.54E-09	4.22E-10	6.58	12.0685895	3.91E-02	130550808	130550931	NC_000009.11
cg16049690	4.55E-09	4.23E-10	6.58	12.0664366	1.25E-01	180486679	180486802	NC_000005.9
cg24609884	4.55E-09	4.23E-10	6.58	12.064929	1.09E-01	208148998	208149121	NC_000002.11
cg18220921	4.55E-09	4.23E-10	6.58	12.0648175	1.25E-01	242687527	242687650	NC_000001.10
cg21679169	4.56E-09	4.24E-10	6.58	12.0639011	3.67E-02	150518766	150518889	NC_000001.10
cg25460563	4.56E-09	4.24E-10	6.58	12.063816	5.48E-02	53839886	53840009	NC_000005.9
cg14084056	4.56E-09	4.24E-10	6.58	12.0621309	2.25E-02	48744539	48744662	NC_000012.11
cg09275869	4.58E-09	4.26E-10	6.58	12.0582794	1.94E-01	44337099	44337222	NC_000018.9
cg21534423	4.58E-09	4.26E-10	6.58	12.0576226	1.92E-01	24154607	24154730	NC_000019.9
cg00860372	4.59E-09	4.27E-10	6.58	12.0568677	7.85E-02	13912327	13912450	NC_000019.9
cg04120171	4.59E-09	4.27E-10	6.58	12.0567963	2.00E-01	83775850	83775973	NC_000015.9
cg25902187	4.60E-09	4.28E-10	6.58	12.0547447	2.36E-01	55881044	55881167	NC_000015.9
cg14758740	4.60E-09	4.28E-10	6.58	12.0545044	5.84E-02	941872	941995	NC_000017.10
cg04551925	4.61E-09	4.29E-10	6.58	12.0515001	1.14E-01	30951740	30951863	NC_000007.13
cg03630832	4.62E-09	4.29E-10	6.58	12.0506274	6.56E-02	62443059	62443182	NC_000016.9
cg27277532	4.62E-09	4.29E-10	6.58	12.0504933	1.49E-01	86321612	86321735	NC_000016.9
cg05884032	4.62E-09	4.30E-10	6.58	12.0503086	1.57E-01	76740088	76740211	NC_000018.9
cg16302049	4.62E-09	4.30E-10	6.58	12.0501217	1.13E-01	175349051	175349174	NC_000002.11
cg21305475	4.62E-09	4.30E-10	6.58	12.0499122	5.48E-02	34595432	34595555	NC_000017.10
cg23117727	4.62E-09	4.30E-10	6.58	12.0497983	1.20E-01	23019450	23019573	NC_000020.10

cg02091100	4.63E-09	4.31E-10	6.58	12.0479188	9.39E-02	42123029	42123152	NC_000006.11
cg06643056	4.63E-09	4.31E-10	6.58	12.0474284	6.04E-02	170875683	170875806	NC_000005.9
cg05085336	4.63E-09	4.31E-10	6.58	12.0473384	1.28E-01	73523729	73523852	NC_000003.11
cg22945387	4.63E-09	4.31E-10	6.58	12.0468516	1.31E-01	36983404	36983527	NC_000014.8
cg11334818	4.64E-09	4.32E-10	6.58	12.0454449	2.28E-01	18813191	18813314	NC_000011.9
cg25955816	4.65E-09	4.33E-10	6.58	12.0431637	5.79E-02	228612876	228612999	NC_000001.10
cg23357150	4.65E-09	4.33E-10	6.58	12.0428694	4.62E-02	134470225	134470348	NC_000010.10
cg15983520	4.65E-09	4.33E-10	6.58	12.0421849	1.31E-01	145729106	145729229	NC_000008.10
cg03186333	4.66E-09	4.34E-10	6.58	12.041258	1.54E-01	72470352	72470475	NC_000008.10
cg02578368	4.66E-09	4.34E-10	6.57	12.0406443	2.51E-01	26250744	26250867	NC_000006.11
cg19721065	4.68E-09	4.35E-10	6.57	12.0368408	8.58E-02	113549986	113550109	NC_000012.11
cg18083764	4.69E-09	4.37E-10	6.57	12.0344397	1.29E-01	4230848	4230971	NC_000005.9
cg13041244	4.69E-09	4.37E-10	6.57	12.0337459	1.24E-01	19284694	19284817	NC_000011.9
cg20653075	4.69E-09	4.37E-10	6.57	12.0335911	1.46E-01	65291682	65291805	NC_000008.10
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cg17625032	4.69E-09	4.37E-10	6.57	12.0330289	9.68E-02	57054740	57054863	NC_000016.9
cg12626956	4.69E-09	4.37E-10	6.57	12.0325748	1.38E-01	79634509	79634632	NC_000009.11
cg25558218	4.70E-09	4.38E-10	6.57	12.0318073	8.09E-02	51445694	51445817	NC_000005.9
cg12011136	4.70E-09	4.38E-10	6.57	12.0306703	1.12E-01	4901750	4901873	NC_000007.13
cg20703242	4.71E-09	4.39E-10	6.57	12.0300411	8.45E-02	230279135	230279258	NC_000001.10
cg05671386	4.71E-09	4.39E-10	6.57	12.0295157	1.20E-01	3550239	3550362	NC_000016.9
cg00660105	4.71E-09	4.39E-10	6.57	12.0289224	1.72E-01	82135784	82135907	NC_000004.11
cg22070855	4.72E-09	4.40E-10	6.57	12.027455	1.73E-01	172167527	172167650	NC_000003.11
cg06022179	4.72E-09	4.40E-10	6.57	12.0270636	1.29E-01	89903506	89903629	NC_000015.9
cg15161691	4.73E-09	4.41E-10	6.57	12.0250796	4.19E-02	134257429	134257552	NC_000011.9

cg16729832	4.74E-09	4.42E-10	6.57	12.0221135	1.53E-01	21645078	21645201	NC_000008.10
cg03091752	4.74E-09	4.42E-10	6.57	12.0220266	1.79E-01	51221605	51221728	NC_000019.9
cg13740815	4.75E-09	4.43E-10	6.57	12.0205409	1.45E-01	51170356	51170479	NC_000019.9
cg05221167	4.75E-09	4.43E-10	6.57	12.019391	1.57E-01	9609397	9609520	NC_000019.9
cg05730365	4.76E-09	4.43E-10	6.57	12.0192752	2.04E-01	37838563	37838686	NC_000005.9
cg19149132	4.76E-09	4.43E-10	6.57	12.0190951	1.24E-01	130854436	130854559	NC_000010.10
cg02221765	4.76E-09	4.44E-10	6.57	12.0174	4.46E-02	89760916	89761039	NC_000014.8
cg16459735	4.77E-09	4.45E-10	6.57	12.0162639	1.30E-01	134999791	134999914	NC_000010.10
cg16596755	4.77E-09	4.45E-10	6.57	12.015971	1.08E-01	5021778	5021901	NC_000004.11
cg04554613	4.77E-09	4.45E-10	6.57	12.0153835	8.53E-02	169945470	169945593	NC_000002.11
cg05097899	4.77E-09	4.45E-10	6.57	12.0149289	3.37E-02	5080743	5080866	NC_000020.10
cg02472348	4.78E-09	4.46E-10	6.57	12.0140345	1.70E-01	22487781	22487904	NC_000012.11
cg22778957	4.78E-09	4.46E-10	6.57	12.0138193	1.10E-01	60639054	60639177	NC_000020.10
cg21575295	4.78E-09	4.46E-10	6.57	12.0130578	1.35E-01	101193432	101193555	NC_000014.8
cg01539133	4.78E-09	4.46E-10	6.57	12.0128541	1.49E-01	4607324	4607447	NC_000019.9
cg20981451	4.78E-09	4.46E-10	6.57	12.0127519	1.13E-01	52954615	52954738	NC_000019.9
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cg03721362	4.80E-09	4.48E-10	6.57	12.0098208	2.22E-01	126626298	126626421	NC_000005.9
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cg25404650	4.80E-09	4.48E-10	6.57	12.0087102	2.11E-02	155616381	155616504	NC_000007.13
cg16573328	4.80E-09	4.48E-10	6.57	12.008291	1.91E-01	185463588	185463711	NC_000002.11
cg23056539	4.81E-09	4.49E-10	6.57	12.0076358	1.12E-01	242977619	242977742	NC_000002.11
cg15484988	4.81E-09	4.49E-10	6.57	12.0063536	1.79E-01	74961494	74961617	NC_000018.9
cg21539988	4.82E-09	4.50E-10	6.57	12.0054645	3.63E-02	118312424	118312547	NC_000012.11
cg08196032	4.82E-09	4.50E-10	6.57	12.0052114	1.71E-01	95239751	95239874	NC_000014.8

cg11809342	4.82E-09	4.50E-10	6.57	12.0048414	1.65E-01	160007430	160007553	NC_000002.11
cg11433319	4.82E-09	4.50E-10	6.57	12.0047291	1.69E-01	19617873	19617996	NC_000021.8
cg06506868	4.82E-09	4.50E-10	6.57	12.0045833	6.56E-02	197648437	197648560	NC_000003.11
cg22510079	4.82E-09	4.50E-10	6.57	12.0038204	2.26E-02	32809403	32809526	NC_000006.11
cg05477514	4.82E-09	4.50E-10	6.57	12.0037718	1.23E-01	23564008	23564131	NC_000008.10
cg20669414	4.83E-09	4.51E-10	6.57	12.0034281	1.58E-01	37808629	37808752	NC_000017.10
cg13585776	4.83E-09	4.51E-10	6.57	12.0029614	1.09E-01	126783547	126783670	NC_000009.11
cg05512684	4.83E-09	4.51E-10	6.57	12.0019581	8.05E-02	37879858	37879981	NC_000017.10
cg27387239	4.84E-09	4.52E-10	6.57	12.0004973	1.33E-01	218667548	218667671	NC_000001.10
cg08889797	4.84E-09	4.52E-10	6.57	12.0002602	1.74E-01	147106489	147106612	NC_000003.11
cg08605458	4.84E-09	4.52E-10	6.57	12.0000287	1.14E-01	26949714	26949837	NC_000002.11
cg26718878	4.84E-09	4.52E-10	6.57	11.9994942	1.74E-01	96647882	96648005	NC_000007.13
cg18794475	4.85E-09	4.53E-10	6.57	11.9987913	6.49E-02	55533829	55533952	NC_000008.10
cg24037938	4.85E-09	4.53E-10	6.57	11.9985134	9.81E-02	4697967	4698090	NC_000001.10
cg16705138	4.85E-09	4.53E-10	6.57	11.9976572	7.24E-02	94508740	94508863	NC_000014.8
cg13718539	4.86E-09	4.54E-10	6.57	11.9966447	1.35E-01	140801354	140801477	NC_000005.9
cg09113440	4.86E-09	4.54E-10	6.57	11.9953343	5.85E-02	18999313	18999436	NC_000010.10
cg09571858	4.86E-09	4.54E-10	6.57	11.9952965	2.29E-01	17496221	17496344	NC_000010.10
cg10078898	4.87E-09	4.55E-10	6.57	11.9948685	5.97E-02	21491045	21491168	NC_000014.8
cg26105156	4.87E-09	4.55E-10	6.57	11.9947843	2.00E-01	81951953	81952076	NC_000004.11
cg02892367	4.87E-09	4.55E-10	6.57	11.9935342	1.17E-01	148724141	148724264	NC_000007.13
cg11241627	4.87E-09	4.55E-10	6.57	11.9933452	1.48E-01	19185165	19185288	NC_000007.13
cg04931256	4.87E-09	4.55E-10	6.57	11.9931662	1.36E-01	147077636	147077759	NC_000003.11
cg01268824	4.87E-09	4.55E-10	6.57	11.9928874	1.97E-01	58220818	58220941	NC_000019.9
cg25171856	4.88E-09	4.56E-10	6.57	11.9919611	3.39E-02	75402751	75402874	NC_000010.10

cg23814172	4.88E-09	4.56E-10	6.57	11.9917309	1.02E-01	687493	687616	NC_000010.10
cg04774110	4.88E-09	4.57E-10	6.57	11.9906184	3.24E-02	80857351	80857474	NC_000017.10
cg17718960	4.90E-09	4.58E-10	6.57	11.9874327	1.12E-01	6063138	6063261	NC_000001.10
cg11793646	4.91E-09	4.59E-10	6.56	11.9860951	3.83E-02	44087129	44087252	NC_000021.8
cg09156097	4.91E-09	4.59E-10	6.56	11.9859841	1.42E-01	138729283	138729406	NC_000005.9
cg06573378	4.91E-09	4.59E-10	6.56	11.9850042	1.27E-01	66907862	66907985	NC_000002.11
cg20271517	4.92E-09	4.60E-10	6.56	11.9823033	1.98E-01	156129862	156129985	NC_000004.11
cg07249209	4.94E-09	4.62E-10	6.56	11.979595	6.65E-02	19183930	19184053	NC_000013.10
cg01476003	4.94E-09	4.62E-10	6.56	11.9785766	1.62E-01	71460486	71460609	NC_000016.9
cg01761256	4.94E-09	4.62E-10	6.56	11.9780375	6.53E-02	72243817	72243940	NC_000014.8
cg16081281	4.95E-09	4.63E-10	6.56	11.977178	1.55E-01	23559839	23559962	NC_000008.10
cg06371489	4.95E-09	4.63E-10	6.56	11.9770607	7.33E-02	86309582	86309705	NC_000015.9
cg00047501	4.95E-09	4.63E-10	6.56	11.9763022	6.17E-02	201680860	201680983	NC_000002.11
cg08259925	4.95E-09	4.63E-10	6.56	11.9760599	1.36E-01	63257813	63257936	NC_000005.9
cg14420668	4.95E-09	4.64E-10	6.56	11.9755532	4.70E-02	1054275	1054398	NC_000007.13
cg02231404	4.96E-09	4.64E-10	6.56	11.9753147	1.20E-01	62679635	62679758	NC_000020.10
cg01718065	4.96E-09	4.64E-10	6.56	11.9746921	1.05E-01	51774429	51774552	NC_000019.9
cg16868298	4.96E-09	4.64E-10	6.56	11.9746289	1.35E-01	120969033	120969156	NC_000007.13
cg26344392	4.96E-09	4.64E-10	6.56	11.9745484	8.98E-02	167825464	167825587	NC_000001.10
cg14078678	4.96E-09	4.64E-10	6.56	11.9744469	7.44E-02	46584148	46584271	NC_000020.10
cg17623793	4.96E-09	4.64E-10	6.56	11.9740904	1.21E-01	4230872	4230995	NC_000005.9
cg06046819	4.96E-09	4.64E-10	6.56	11.9737712	5.64E-02	4500281	4500404	NC_000017.10
cg24164238	4.98E-09	4.66E-10	6.56	11.9706218	7.30E-02	114199055	114199178	NC_000013.10
cg23381749	4.98E-09	4.66E-10	6.56	11.9702259	1.51E-01	130645423	130645546	NC_000012.11
cg11388277	4.99E-09	4.67E-10	6.56	11.9689553	1.15E-01	328132	328255	NC_000004.11

cg10500406	4.99E-09	4.67E-10	6.56	11.9685534	1.74E-02	99036512	99036635	NC_000007.13
cg23237765	4.99E-09	4.67E-10	6.56	11.9677936	6.52E-02	921845	921968	NC_000007.13
cg26994225	5.00E-09	4.68E-10	6.56	11.9670285	1.46E-01	119616769	119616892	NC_000002.11
cg16810605	5.00E-09	4.68E-10	6.56	11.9664911	1.64E-01	65283263	65283386	NC_000008.10
cg09711746	5.00E-09	4.68E-10	6.56	11.9659343	1.25E-01	32460375	32460498	NC_000011.9
cg25020286	5.00E-09	4.68E-10	6.56	11.9659016	1.64E-01	18956947	18957070	NC_000001.10
cg04352272	5.00E-09	4.68E-10	6.56	11.9658115	1.45E-01	3289798	3289921	NC_000017.10
cg10835823	5.00E-09	4.69E-10	6.56	11.9650533	8.97E-02	169659763	169659886	NC_000005.9
cg21778348	5.01E-09	4.69E-10	6.56	11.9642465	1.31E-01	27194614	27194737	NC_000007.13
cg23913421	5.01E-09	4.69E-10	6.56	11.9640332	2.11E-01	50674663	50674786	NC_000006.11
cg12105941	5.01E-09	4.69E-10	6.56	11.9633677	1.63E-01	133657466	133657589	NC_000011.9
cg02104434	5.01E-09	4.69E-10	6.56	11.9632437	8.85E-02	247694406	247694529	NC_000001.10
cg06795523	5.01E-09	4.69E-10	6.56	11.9631144	1.11E-01	58358974	58359097	NC_000002.11
cg24393316	5.01E-09	4.70E-10	6.56	11.9630196	2.03E-01	100616469	100616592	NC_000009.11
cg11752440	5.02E-09	4.70E-10	6.56	11.9616902	2.02E-01	102980466	102980589	NC_000011.9
cg06202276	5.02E-09	4.71E-10	6.56	11.9610156	1.57E-01	154713333	154713456	NC_000004.11
cg04878000	5.03E-09	4.71E-10	6.56	11.9596589	2.24E-01	32237923	32238046	NC_000001.10
cg10202544	5.03E-09	4.71E-10	6.56	11.9595625	1.13E-01	92303685	92303808	NC_000014.8
cg23452498	5.03E-09	4.72E-10	6.56	11.9586567	1.59E-01	144889607	144889730	NC_000005.9
cg06809364	5.03E-09	4.72E-10	6.56	11.9584961	8.56E-02	152555206	152555329	NC_000003.11
cg25098479	5.04E-09	4.72E-10	6.56	11.9584146	7.19E-02	124763800	124763923	NC_000012.11
cg24167841	5.04E-09	4.72E-10	6.56	11.9581525	3.59E-02	57389041	57389164	NC_000012.11
cg08230910	5.04E-09	4.72E-10	6.56	11.9577999	5.02E-02	80507149	80507272	NC_000007.13
cg12945194	5.04E-09	4.72E-10	6.56	11.9573797	9.16E-02	64703312	64703435	NC_000011.9
cg24084681	5.04E-09	4.72E-10	6.56	11.9573113	2.15E-01	93520288	93520411	NC_000007.13

cg27331241	5.04E-09	4.72E-10	6.56	11.9570763	2.09E-01	751830	751953	NC_000007.13
cg16056164	5.04E-09	4.73E-10	6.56	11.9566836	7.10E-02	233211572	233211695	NC_000001.10
cg05666607	5.04E-09	4.73E-10	6.56	11.9564575	1.40E-01	145718405	145718528	NC_000005.9
cg09583939	5.06E-09	4.75E-10	6.56	11.9525659	9.25E-02	140166213	140166336	NC_000005.9
cg17838029	5.06E-09	4.75E-10	6.56	11.9524513	1.25E-01	133562334	133562457	NC_000006.11
cg02046160	5.07E-09	4.75E-10	6.56	11.9521726	4.50E-02	88874667	88874790	NC_000009.11
cg02853358	5.07E-09	4.75E-10	6.56	11.9516332	5.87E-02	74010290	74010413	NC_000002.11
cg04210284	5.07E-09	4.75E-10	6.56	11.9515507	2.27E-01	1445561	1445684	NC_000005.9
cg23030903	5.07E-09	4.76E-10	6.56	11.9504096	5.06E-02	9908764	9908887	NC_000003.11
cg18549575	5.08E-09	4.76E-10	6.56	11.949709	4.03E-02	128494568	128494691	NC_000007.13
cg00158333	5.09E-09	4.77E-10	6.56	11.9469194	1.45E-01	47075855	47075978	NC_000017.10
cg04874129	5.09E-09	4.77E-10	6.56	11.9468914	1.35E-01	55690873	55690996	NC_000016.9
cg14741939	5.10E-09	4.78E-10	6.56	11.9452891	1.63E-01	147127137	147127260	NC_000003.11
cg00706802	5.10E-09	4.78E-10	6.56	11.9451571	6.29E-02	47322368	47322491	NC_000003.11
cg08932381	5.11E-09	4.79E-10	6.56	11.9433754	1.12E-01	138078989	138079112	NC_000003.11
cg01471384	5.11E-09	4.79E-10	6.56	11.9429977	1.62E-01	107957265	107957388	NC_000004.11
cg15831296	5.12E-09	4.80E-10	6.56	11.940606	6.00E-02	101192591	101192714	NC_000014.8
cg00460286	5.13E-09	4.81E-10	6.56	11.9391658	7.87E-02	77320261	77320384	NC_000015.9
cg09014354	5.13E-09	4.81E-10	6.56	11.9386052	1.86E-01	55413878	55414001	NC_000012.11
cg26250093	5.13E-09	4.81E-10	6.56	11.9385514	5.86E-02	24397649	24397772	NC_000002.11
cg09580592	5.14E-09	4.82E-10	6.56	11.936451	1.12E-01	907643	907766	NC_000017.10
cg07039560	5.15E-09	4.83E-10	6.56	11.935733	1.03E-01	140683681	140683804	NC_000005.9
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cg14146100	5.15E-09	4.84E-10	6.56	11.9340648	1.40E-01	134069236	134069359	NC_000004.11
cg06370771	5.16E-09	4.84E-10	6.56	11.9338466	1.91E-01	18960940	18961063	NC_000001.10



cg10229905	5.16E-09	4.84E-10	6.56	11.9336337	7.62E-02	50715703	50715826	NC_000019.9
cg22131691	5.16E-09	4.84E-10	6.55	11.9328469	2.10E-01	32110988	32111111	NC_000007.13
cg13704497	5.17E-09	4.85E-10	6.55	11.9316224	1.25E-01	31590622	31590745	NC_000006.11
cg07538634	5.17E-09	4.85E-10	6.55	11.930294	1.05E-01	3825141	3825264	NC_000019.9
cg17807172	5.17E-09	4.86E-10	6.55	11.9300547	1.82E-01	122620929	122621052	NC_000005.9
cg07541744	5.18E-09	4.86E-10	6.55	11.9297206	1.68E-01	55363277	55363400	NC_000016.9
cg21600537	5.18E-09	4.86E-10	6.55	11.9295945	1.47E-01	8115260	8115383	NC_000019.9
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cg13859860	5.18E-09	4.87E-10	6.55	11.9281692	1.10E-01	51569878	51570001	NC_000010.10
cg15994026	5.18E-09	4.87E-10	6.55	11.9279825	2.50E-01	15780306	15780429	NC_000004.11
cg26856475	5.19E-09	4.87E-10	6.55	11.9269585	1.09E-01	140740503	140740626	NC_000005.9
cg06122148	5.20E-09	4.88E-10	6.55	11.9258425	2.45E-01	98891553	98891676	NC_000011.9
cg08397978	5.20E-09	4.88E-10	6.55	11.9251504	1.91E-01	89340205	89340328	NC_000008.10
cg04821895	5.20E-09	4.88E-10	6.55	11.9251102	1.26E-01	102462585	102462708	NC_000015.9
cg01414185	5.20E-09	4.88E-10	6.55	11.9243956	1.99E-01	177017449	177017572	NC_000002.11
cg19069039	5.20E-09	4.89E-10	6.55	11.9238853	5.38E-02	52238665	52238788	NC_000012.11
cg03383508	5.21E-09	4.89E-10	6.55	11.9233817	1.36E-01	119591097	119591220	NC_000002.11
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cg21795221	5.22E-09	4.90E-10	6.55	11.9214204	1.25E-01	156718262	156718385	NC_000006.11
cg27171201	5.23E-09	4.91E-10	6.55	11.9195864	6.15E-02	3365137	3365260	NC_000019.9
cg01966891	5.23E-09	4.91E-10	6.55	11.9188278	1.31E-01	95870990	95871113	NC_000015.9
cg03299740	5.24E-09	4.92E-10	6.55	11.9175554	4.19E-02	17997779	17997902	NC_000002.11
cg21382800	5.24E-09	4.92E-10	6.55	11.9171276	1.84E-02	29661771	29661894	NC_000022.10

cg22344703	5.24E-09	4.93E-10	6.55	11.9158761	1.42E-01	219736312	219736435	NC_000002.11
cg04737042	5.25E-09	4.93E-10	6.55	11.9150718	5.82E-02	29153994	29154117	NC_000016.9
cg14020278	5.25E-09	4.93E-10	6.55	11.9149763	2.59E-02	139727398	139727521	NC_000009.11
cg21472506	5.25E-09	4.93E-10	6.55	11.9145896	1.96E-01	63283967	63284090	NC_000002.11
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cg19888509	5.26E-09	4.95E-10	6.55	11.9119127	1.03E-01	125145641	125145764	NC_000012.11
cg12345501	5.27E-09	4.95E-10	6.55	11.9115412	8.24E-02	180936706	180936829	NC_000002.11
cg19600494	5.27E-09	4.95E-10	6.55	11.9112931	9.50E-02	106959525	106959648	NC_000002.11
cg17174980	5.27E-09	4.95E-10	6.55	11.9106547	6.80E-02	14109514	14109637	NC_000012.11
cg23100720	5.28E-09	4.96E-10	6.55	11.9095519	1.31E-01	155770386	155770509	NC_000006.11
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cg23288962	5.30E-09	4.98E-10	6.55	11.9048897	1.25E-01	35517516	35517639	NC_000013.10
cg19571106	5.31E-09	4.99E-10	6.55	11.903049	1.58E-01	9762850	9762973	NC_000008.10
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cg22622123	5.32E-09	5.00E-10	6.55	11.9015659	1.58E-01	118902351	118902474	NC_000011.9
cg23639692	5.32E-09	5.01E-10	6.55	11.8999787	1.26E-01	27175152	27175275	NC_000007.13
cg11134052	5.33E-09	5.01E-10	6.55	11.8997036	1.42E-01	61119625	61119748	NC_000014.8
cg14578500	5.34E-09	5.02E-10	6.55	11.8974858	5.30E-02	43191793	43191916	NC_000017.10
cg00582316	5.34E-09	5.02E-10	6.55	11.8966719	1.89E-01	175201430	175201553	NC_000002.11
cg02501166	5.34E-09	5.03E-10	6.55	11.8963642	1.42E-01	128866698	128866821	NC_000012.11
cg08655206	5.35E-09	5.03E-10	6.55	11.8952878	1.13E-01	221058198	221058321	NC_000001.10
cg09521719	5.35E-09	5.04E-10	6.55	11.8945155	1.47E-01	237416370	237416493	NC_000002.11
cg11825642	5.36E-09	5.05E-10	6.55	11.892475	1.64E-01	75798196	75798319	NC_000017.10

cg05390968	5.37E-09	5.05E-10	6.55	11.89183	1.28E-01	86598792	86598915	NC_000016.9
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cg23605284	5.38E-09	5.06E-10	6.55	11.8896451	1.59E-01	131764280	131764403	NC_000010.10
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cg26669806	5.40E-09	5.08E-10	6.55	11.8854313	1.53E-01	18899483	18899606	NC_000019.9
cg10863075	5.40E-09	5.08E-10	6.55	11.8854292	1.32E-01	5296267	5296390	NC_000020.10
cg16065899	5.40E-09	5.08E-10	6.55	11.8850608	1.25E-01	44332958	44333081	NC_000011.9
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cg23085167	5.41E-09	5.10E-10	6.55	11.8828507	1.05E-01	3160739	3160862	NC_000001.10
cg24905248	5.42E-09	5.10E-10	6.55	11.8822385	8.05E-02	44219907	44220030	NC_000002.11
cg16457413	5.42E-09	5.10E-10	6.55	11.881477	5.79E-02	52269736	52269859	NC_000003.11
cg24730564	5.42E-09	5.11E-10	6.55	11.8810378	9.44E-02	106938322	106938445	NC_000014.8
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cg20773033	5.43E-09	5.12E-10	6.54	11.8791045	1.16E-01	39635187	39635310	NC_000022.10
cg11431402	5.43E-09	5.12E-10	6.54	11.8789753	9.56E-02	126135408	126135531	NC_000009.11
cg00624617	5.43E-09	5.12E-10	6.54	11.8787849	9.46E-02	153852554	153852677	NC_000005.9
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cg27540865	5.43E-09	5.12E-10	6.54	11.8784116	1.33E-01	243053934	243054057	NC_000001.10
cg04936260	5.44E-09	5.13E-10	6.54	11.8765771	9.83E-02	74888889	74889012	NC_000014.8
cg24757553	5.45E-09	5.13E-10	6.54	11.8764269	1.08E-01	27127501	27127624	NC_000007.13
cg10080155	5.46E-09	5.14E-10	6.54	11.8744277	2.40E-01	45405904	45406027	NC_000022.10
cg21277243	5.47E-09	5.15E-10	6.54	11.8716252	1.38E-01	5996331	5996454	NC_000006.11
cg07922924	5.47E-09	5.16E-10	6.54	11.8709146	1.14E-01	11211274	11211397	NC_000001.10
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cg17240133	5.48E-09	5.17E-10	6.54	11.8689334	1.20E-01	57977245	57977368	NC_000015.9
cg10123247	5.49E-09	5.18E-10	6.54	11.8670492	2.02E-01	117950929	117951052	NC_000008.10
cg10249507	5.50E-09	5.18E-10	6.54	11.86623	4.29E-02	17758229	17758352	NC_000019.9
cg06562644	5.50E-09	5.19E-10	6.54	11.8656219	1.00E-01	134992590	134992713	NC_000010.10
cg06005396	5.50E-09	5.19E-10	6.54	11.8655073	1.17E-01	590541	590664	NC_000019.9
cg22882539	5.51E-09	5.19E-10	6.54	11.8646255	1.52E-01	131438523	131438646	NC_000012.11
cg10170678	5.52E-09	5.20E-10	6.54	11.862829	3.89E-02	92994057	92994180	NC_000014.8
cg07742404	5.53E-09	5.21E-10	6.54	11.8612503	1.09E-01	130648987	130649110	NC_000012.11
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cg16424920	5.53E-09	5.21E-10	6.54	11.8603934	1.57E-01	9760855	9760978	NC_000008.10
cg12556586	5.53E-09	5.21E-10	6.54	11.8603728	4.22E-02	59733552	59733675	NC_000015.9
cg00630958	5.54E-09	5.22E-10	6.54	11.8591697	1.64E-01	65991461	65991584	NC_000001.10
cg22755445	5.54E-09	5.22E-10	6.54	11.8587029	1.19E-01	102772036	102772159	NC_000002.11
cg15426006	5.54E-09	5.22E-10	6.54	11.8584173	8.22E-02	99869897	99870020	NC_000013.10
cg06695286	5.54E-09	5.23E-10	6.54	11.8579261	1.17E-01	42880445	42880568	NC_000012.11
cg08069899	5.54E-09	5.23E-10	6.54	11.8578588	1.57E-01	4383770	4383893	NC_000012.11
cg20984972	5.56E-09	5.24E-10	6.54	11.8551535	1.50E-01	3390125	3390248	NC_000019.9
cg08563299	5.56E-09	5.25E-10	6.54	11.8542571	8.99E-02	16922592	16922715	NC_000019.9
cg24146349	5.57E-09	5.25E-10	6.54	11.853309	9.65E-02	1542769	1542892	NC_000007.13
cg20228495	5.57E-09	5.26E-10	6.54	11.8524818	4.95E-02	74945369	74945492	NC_000002.11
cg26429925	5.57E-09	5.26E-10	6.54	11.8520945	1.41E-01	83953775	83953898	NC_000015.9
cg23832237	5.57E-09	5.26E-10	6.54	11.8520394	1.17E-01	72667208	72667331	NC_000017.10
cg20639942	5.57E-09	5.26E-10	6.54	11.8519469	4.40E-02	54271958	54272081	NC_000019.9
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cg11666559	5.58E-09	5.27E-10	6.54	11.8503526	1.02E-01	221067662	221067785	NC_000001.10

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cg23448486	5.59E-09	5.27E-10	6.54	11.8492004	1.52E-01	147129213	147129336	NC_000003.11
cg04608722	5.59E-09	5.28E-10	6.54	11.8484324	6.89E-02	46919549	46919672	NC_000022.10
cg15456742	5.59E-09	5.28E-10	6.54	11.8480901	1.60E-01	207991729	207991852	NC_000001.10
cg22359606	5.60E-09	5.28E-10	6.54	11.847668	1.67E-01	182545492	182545615	NC_000002.11
cg09981884	5.60E-09	5.29E-10	6.54	11.8469822	1.22E-01	1720110	1720233	NC_000004.11
cg09737407	5.61E-09	5.29E-10	6.54	11.8457343	3.54E-02	31079698	31079821	NC_000006.11
cg10659382	5.61E-09	5.30E-10	6.54	11.8450736	2.31E-01	155166856	155166979	NC_000007.13
cg17174275	5.61E-09	5.30E-10	6.54	11.844758	9.85E-02	26109429	26109552	NC_000015.9
cg27260684	5.62E-09	5.30E-10	6.54	11.844001	1.39E-01	85063742	85063865	NC_000016.9
cg11257429	5.62E-09	5.30E-10	6.54	11.8439997	1.52E-01	178016796	178016919	NC_000005.9
cg25733898	5.62E-09	5.30E-10	6.54	11.8437788	5.64E-02	71330058	71330181	NC_000015.9
cg05457480	5.62E-09	5.31E-10	6.54	11.8433931	1.53E-01	139139201	139139324	NC_000005.9
cg16774479	5.63E-09	5.31E-10	6.54	11.8416751	1.14E-01	33529461	33529584	NC_000018.9
cg09462445	5.63E-09	5.32E-10	6.54	11.8407839	2.06E-01	217559131	217559254	NC_000002.11
cg00319168	5.63E-09	5.32E-10	6.54	11.8404501	1.46E-01	176958174	176958297	NC_000002.11
cg00958225	5.64E-09	5.32E-10	6.54	11.840365	8.61E-02	44972477	44972600	NC_000001.10
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cg13858975	5.65E-09	5.33E-10	6.54	11.8382548	5.80E-02	52016644	52016767	NC_000015.9
cg06509140	5.65E-09	5.33E-10	6.54	11.8379324	6.65E-02	1729975	1730098	NC_000017.10
cg10623853	5.65E-09	5.34E-10	6.54	11.8373249	8.88E-02	42573639	42573762	NC_000020.10
cg21054473	5.66E-09	5.35E-10	6.54	11.8359744	2.06E-01	100438957	100439080	NC_000014.8
cg10947457	5.67E-09	5.35E-10	6.54	11.8346948	6.87E-02	32096945	32097068	NC_000006.11
cg06934774	5.67E-09	5.36E-10	6.54	11.8338975	1.56E-01	27198025	27198148	NC_000007.13
cg21823149	5.68E-09	5.36E-10	6.54	11.8327675	1.68E-01	207309003	207309126	NC_000002.11

cg05319305	5.70E-09	5.38E-10	6.54	11.8290228	1.98E-01	101111927	101112050	NC_000004.11
cg25781755	5.70E-09	5.39E-10	6.54	11.8285265	1.55E-01	13537089	13537212	NC_000004.11
cg03700171	5.71E-09	5.40E-10	6.54	11.8262915	4.72E-02	78748272	78748395	NC_000015.9
cg12878812	5.72E-09	5.41E-10	6.53	11.8249867	1.25E-01	119419696	119419819	NC_000012.11
cg22411207	5.72E-09	5.41E-10	6.53	11.8246386	1.05E-01	57026301	57026424	NC_000008.10
cg10988573	5.72E-09	5.41E-10	6.53	11.8246189	1.02E-01	61104928	61105051	NC_000014.8
cg10001374	5.72E-09	5.41E-10	6.53	11.8245001	7.59E-02	134254128	134254251	NC_000011.9
cg13160967	5.74E-09	5.43E-10	6.53	11.821402	1.11E-01	100730303	100730426	NC_000006.11
cg24218935	5.74E-09	5.43E-10	6.53	11.8204716	4.47E-02	1686150	1686273	NC_000011.9
cg23976464	5.75E-09	5.44E-10	6.53	11.8193842	1.79E-01	32483950	32484073	NC_000017.10
cg18404308	5.75E-09	5.44E-10	6.53	11.8191072	1.75E-01	98962900	98963023	NC_000002.11
cg22449370	5.76E-09	5.45E-10	6.53	11.8170862	9.61E-02	153586022	153586145	NC_000007.13
cg19563062	5.76E-09	5.45E-10	6.53	11.8170328	7.38E-02	34097075	34097198	NC_000017.10
cg05771261	5.77E-09	5.45E-10	6.53	11.8164922	1.30E-01	20879286	20879409	NC_000001.10
cg00470955	5.77E-09	5.46E-10	6.53	11.8157142	1.26E-01	7354432	7354555	NC_000016.9
cg14371590	5.77E-09	5.46E-10	6.53	11.8153998	1.07E-01	58013915	58014038	NC_000012.11
cg03683003	5.78E-09	5.46E-10	6.53	11.8147512	9.74E-02	138874004	138874127	NC_000009.11
cg09503234	5.78E-09	5.46E-10	6.53	11.8145558	1.26E-01	2151721	2151844	NC_000011.9
cg12758973	5.78E-09	5.47E-10	6.53	11.8139087	1.08E-01	247694275	247694398	NC_000001.10
cg05028467	5.78E-09	5.47E-10	6.53	11.8138999	1.80E-01	176057097	176057220	NC_000005.9
cg03860252	5.79E-09	5.48E-10	6.53	11.8118597	9.33E-02	1799705	1799828	NC_000004.11
cg15736169	5.79E-09	5.48E-10	6.53	11.8112021	1.83E-01	112761025	112761148	NC_000013.10
cg14225450	5.80E-09	5.49E-10	6.53	11.810299	8.70E-02	169637832	169637955	NC_000006.11
cg14319657	5.80E-09	5.49E-10	6.53	11.8095088	9.73E-02	48027921	48028044	NC_000022.10
cg26992603	5.81E-09	5.50E-10	6.53	11.8088233	1.58E-01	115130994	115131117	NC_000012.11

cg04882273	5.81E-09	5.50E-10	6.53	11.8079716	1.37E-01	62070365	62070488	NC_000016.9
cg13242092	5.81E-09	5.50E-10	6.53	11.8079507	6.79E-02	46271421	46271544	NC_000021.8
cg17108748	5.81E-09	5.50E-10	6.53	11.8079481	1.18E-01	89065330	89065453	NC_000002.11
cg01070987	5.81E-09	5.50E-10	6.53	11.8075202	1.69E-01	149687002	149687125	NC_000003.11
cg21210758	5.81E-09	5.50E-10	6.53	11.8075009	1.89E-01	5713005	5713128	NC_000004.11
cg03350814	5.82E-09	5.51E-10	6.53	11.8057692	2.00E-01	104512423	104512546	NC_000008.10
cg25965185	5.82E-09	5.51E-10	6.53	11.8057123	5.79E-02	66480641	66480764	NC_000014.8
cg26685352	5.82E-09	5.51E-10	6.53	11.8056326	1.39E-01	48485328	48485451	NC_000004.11
cg02617791	5.83E-09	5.52E-10	6.53	11.8053362	6.47E-02	27235627	27235750	NC_000010.10
cg19457237	5.85E-09	5.54E-10	6.53	11.8016632	1.21E-01	34500585	34500708	NC_000012.11
cg01189783	5.85E-09	5.54E-10	6.53	11.8011881	1.34E-01	100441581	100441704	NC_000006.11
cg16245844	5.85E-09	5.54E-10	6.53	11.8005338	1.53E-02	1800488	1800611	NC_000012.11
cg24059119	5.86E-09	5.55E-10	6.53	11.7998885	1.65E-01	30715575	30715698	NC_000019.9
cg09018383	5.86E-09	5.55E-10	6.53	11.7997734	4.77E-02	31504385	31504508	NC_000006.11
cg02063817	5.86E-09	5.55E-10	6.53	11.7996739	1.00E-01	27253521	27253644	NC_000007.13
cg20747380	5.86E-09	5.55E-10	6.53	11.7987981	1.31E-01	27142275	27142398	NC_000007.13
cg06832820	5.86E-09	5.55E-10	6.53	11.7986647	1.04E-01	64543849	64543972	NC_000011.9
cg20938085	5.87E-09	5.55E-10	6.53	11.7982918	9.66E-02	140768230	140768353	NC_000005.9
cg15409616	5.87E-09	5.56E-10	6.53	11.7976949	5.48E-02	106936446	106936569	NC_000014.8
cg26209005	5.87E-09	5.56E-10	6.53	11.7975566	1.54E-01	132262526	132262649	NC_000007.13
cg26040761	5.87E-09	5.56E-10	6.53	11.796895	4.10E-02	110307829	110307952	NC_000001.10
cg03350439	5.87E-09	5.56E-10	6.53	11.7965306	1.11E-01	231299033	231299156	NC_000001.10
cg01837630	5.88E-09	5.57E-10	6.53	11.7950658	3.19E-02	128385752	128385875	NC_000002.11
cg08111284	5.88E-09	5.57E-10	6.53	11.7950577	1.21E-01	32057125	32057248	NC_000006.11
cg00318000	5.88E-09	5.57E-10	6.53	11.7949176	3.55E-02	151128630	151128753	NC_000001.10

cg07665387	5.89E-09	5.58E-10	6.53	11.7943904	1.39E-01	134069388	134069511	NC_000004.11
cg04205655	5.89E-09	5.58E-10	6.53	11.7937422	1.10E-01	67965756	67965879	NC_000016.9
cg23378722	5.89E-09	5.58E-10	6.53	11.7935789	1.29E-01	49882500	49882623	NC_000013.10
cg22296612	5.89E-09	5.58E-10	6.53	11.7931899	3.26E-02	15457699	15457822	NC_000006.11
cg09295799	5.90E-09	5.59E-10	6.53	11.7924143	1.39E-01	5994235	5994358	NC_000006.11
cg08278741	5.90E-09	5.59E-10	6.53	11.7923412	1.90E-01	36736477	36736600	NC_000019.9
cg25758978	5.90E-09	5.59E-10	6.53	11.7922431	1.32E-01	8454161	8454284	NC_000019.9
cg20711812	5.90E-09	5.59E-10	6.53	11.7914827	1.32E-01	1775422	1775545	NC_000019.9
cg24411302	5.91E-09	5.60E-10	6.53	11.7904486	9.36E-02	74893183	74893306	NC_000014.8
cg27532621	5.91E-09	5.60E-10	6.53	11.7903192	6.03E-02	164593763	164593886	NC_000001.10
cg01085125	5.92E-09	5.61E-10	6.53	11.7885053	1.43E-01	122423433	122423556	NC_000005.9
cg15244223	5.92E-09	5.61E-10	6.53	11.7881717	1.82E-01	118228493	118228616	NC_000006.11
cg00068750	5.92E-09	5.62E-10	6.53	11.7874336	4.53E-02	2535955	2536078	NC_000016.9
cg01438868	5.92E-09	5.62E-10	6.53	11.7873506	1.40E-01	177802381	177802504	NC_000003.11
cg07682547	5.92E-09	5.62E-10	6.53	11.7872553	1.49E-01	153863417	153863540	NC_000005.9
cg08346922	5.93E-09	5.62E-10	6.53	11.7867338	1.05E-01	31228299	31228422	NC_000016.9
cg07063890	5.95E-09	5.64E-10	6.53	11.7826692	5.92E-02	88496241	88496364	NC_000016.9
cg23498221	5.96E-09	5.65E-10	6.53	11.7819001	3.01E-02	26681583	26681706	NC_000017.10
cg06118384	5.96E-09	5.65E-10	6.53	11.7816407	1.60E-01	149645798	149645921	NC_000002.11
cg06460717	5.96E-09	5.65E-10	6.53	11.7808475	1.69E-01	53420135	53420258	NC_000013.10
cg03486475	5.97E-09	5.66E-10	6.53	11.7800794	9.28E-02	140796240	140796363	NC_000005.9
cg00090936	5.97E-09	5.66E-10	6.53	11.7794635	1.72E-01	69592090	69592213	NC_000003.11
cg11539296	5.97E-09	5.66E-10	6.53	11.7794457	6.69E-02	140216145	140216268	NC_000005.9
cg11516654	5.98E-09	5.67E-10	6.53	11.7782314	4.38E-02	19783852	19783975	NC_000011.9
cg01856384	5.98E-09	5.67E-10	6.53	11.7779498	1.03E-01	41376904	41377027	NC_000006.11



cg21331821	5.98E-09	5.67E-10	6.53	11.7778513	1.66E-01	58545149	58545272	NC_000019.9
cg13030332	5.99E-09	5.69E-10	6.53	11.7755022	1.07E-01	115117351	115117474	NC_000012.11
cg12013685	5.99E-09	5.69E-10	6.53	11.7751664	1.05E-01	63243220	63243343	NC_000015.9
cg02119755	6.00E-09	5.69E-10	6.53	11.7748343	1.01E-01	2589556	2589679	NC_000016.9
cg24407243	6.00E-09	5.69E-10	6.53	11.7742018	1.30E-01	21541756	21541879	NC_000019.9
cg25561792	6.00E-09	5.69E-10	6.53	11.7741343	7.95E-02	62050205	62050328	NC_000017.10
cg24939733	6.01E-09	5.70E-10	6.53	11.7726323	9.18E-02	85397684	85397807	NC_000011.9
cg08453036	6.01E-09	5.71E-10	6.52	11.7717729	1.52E-01	215255572	215255695	NC_000001.10
cg00302587	6.01E-09	5.71E-10	6.52	11.7714351	1.35E-01	51576241	51576364	NC_000010.10
cg24250393	6.02E-09	5.71E-10	6.52	11.7707716	1.18E-01	23846838	23846961	NC_000016.9
cg27278953	6.02E-09	5.71E-10	6.52	11.7706846	1.70E-01	77737661	77737784	NC_000014.8
cg11954332	6.02E-09	5.71E-10	6.52	11.7706046	1.67E-01	170639289	170639412	NC_000001.10
cg02186542	6.02E-09	5.71E-10	6.52	11.7705627	1.31E-01	77469167	77469290	NC_000016.9
cg08902698	6.02E-09	5.72E-10	6.52	11.770293	9.57E-02	1271174	1271297	NC_000019.9
cg27462519	6.03E-09	5.73E-10	6.52	11.7683084	1.15E-01	3242639	3242762	NC_000016.9
cg03146683	6.04E-09	5.73E-10	6.52	11.7674104	7.04E-02	22011878	22012001	NC_000006.11
cg21837669	6.04E-09	5.74E-10	6.52	11.7665905	9.78E-02	103889307	103889430	NC_000012.11
cg25285090	6.05E-09	5.74E-10	6.52	11.7658496	2.20E-01	28510313	28510436	NC_000006.11
cg20491726	6.05E-09	5.75E-10	6.52	11.7652971	7.65E-02	242820622	242820745	NC_000002.11
cg09988738	6.06E-09	5.75E-10	6.52	11.7637437	1.38E-01	4857255	4857378	NC_000004.11
cg02109484	6.06E-09	5.76E-10	6.52	11.763006	1.27E-01	74875253	74875376	NC_000002.11
cg10998570	6.07E-09	5.77E-10	6.52	11.761346	7.57E-02	965862	965985	NC_000005.9
cg09312576	6.07E-09	5.77E-10	6.52	11.7612357	1.09E-01	1385351	1385474	NC_000006.11
cg04716021	6.08E-09	5.78E-10	6.52	11.7592181	1.01E-01	80981119	80981242	NC_000010.10
cg18120979	6.09E-09	5.78E-10	6.52	11.7590815	1.02E-01	313464	313587	NC_000006.11

cg11842953	6.09E-09	5.79E-10	6.52	11.7582545	5.51E-02	1218561	1218684	NC_000005.9
cg09866983	6.10E-09	5.80E-10	6.52	11.7563635	1.64E-01	46799755	46799878	NC_000017.10
cg00976097	6.11E-09	5.80E-10	6.52	11.7556958	8.89E-02	421733	421856	NC_000005.9
cg08819023	6.11E-09	5.81E-10	6.52	11.7548394	8.57E-02	6329091	6329214	NC_000017.10
cg10476112	6.12E-09	5.81E-10	6.52	11.7538534	1.82E-01	45241222	45241345	NC_000002.11
cg15908006	6.12E-09	5.82E-10	6.52	11.7526824	1.69E-01	4850180	4850303	NC_000008.10
cg25797887	6.13E-09	5.82E-10	6.52	11.7522854	1.47E-01	96627821	96627944	NC_000007.13
cg07229938	6.13E-09	5.83E-10	6.52	11.7515122	1.23E-01	124907600	124907723	NC_000010.10
cg04008703	6.16E-09	5.86E-10	6.52	11.7463787	1.52E-01	27280585	27280708	NC_000007.13
cg17825173	6.17E-09	5.87E-10	6.52	11.7450725	3.82E-02	71164116	71164239	NC_000010.10
cg18739865	6.17E-09	5.87E-10	6.52	11.7443629	1.42E-01	50684720	50684843	NC_000005.9
cg27084746	6.17E-09	5.87E-10	6.52	11.7442017	1.70E-01	31831532	31831655	NC_000006.11
cg08207660	6.18E-09	5.87E-10	6.52	11.743994	4.54E-02	71694874	71694997	NC_000014.8
cg26919347	6.19E-09	5.89E-10	6.52	11.7415194	6.24E-02	77231677	77231800	NC_000004.11
cg11711816	6.19E-09	5.89E-10	6.52	11.741129	1.16E-01	131764932	131765055	NC_000010.10
cg09061632	6.20E-09	5.89E-10	6.52	11.740542	1.14E-01	101923621	101923744	NC_000014.8
cg01620486	6.20E-09	5.89E-10	6.52	11.7405391	7.96E-02	47015640	47015763	NC_000008.10
cg09649610	6.20E-09	5.89E-10	6.52	11.7403572	2.04E-01	235814039	235814162	NC_000001.10
cg17291521	6.20E-09	5.89E-10	6.52	11.7403117	1.00E-01	50260045	50260168	NC_000005.9
cg23165899	6.20E-09	5.90E-10	6.52	11.7388627	1.94E-01	19837095	19837218	NC_000006.11
cg27231068	6.21E-09	5.91E-10	6.52	11.7381993	8.61E-02	19620291	19620414	NC_000017.10
cg06922606	6.23E-09	5.92E-10	6.52	11.7351888	1.65E-01	10274632	10274755	NC_000016.9
cg03547017	6.24E-09	5.94E-10	6.52	11.7329944	1.11E-01	37031281	37031404	NC_000017.10
cg03638172	6.25E-09	5.95E-10	6.52	11.7315138	2.00E-01	4922944	4923067	NC_000007.13
cg19850728	6.25E-09	5.95E-10	6.52	11.7308068	1.04E-01	97688465	97688588	NC_000003.11

cg23904955	6.25E-09	5.95E-10	6.52	11.7305011	9.95E-02	101282759	101282882	NC_000010.10
cg22149137	6.26E-09	5.96E-10	6.52	11.7300563	1.51E-01	46804414	46804537	NC_000017.10
cg24353217	6.27E-09	5.97E-10	6.52	11.7279729	8.74E-02	111358188	111358311	NC_000012.11
cg22345214	6.27E-09	5.97E-10	6.52	11.7278903	1.36E-01	46995509	46995632	NC_000004.11
cg04609952	6.28E-09	5.97E-10	6.52	11.726915	4.51E-02	16085893	16086016	NC_000002.11
cg16775752	6.28E-09	5.98E-10	6.52	11.7267439	1.12E-01	49674530	49674653	NC_000010.10
cg10838385	6.28E-09	5.98E-10	6.52	11.7254949	1.46E-01	26674370	26674493	NC_000014.8
cg06493930	6.30E-09	5.99E-10	6.52	11.7236289	1.57E-01	22689814	22689937	NC_000011.9
cg15189764	6.30E-09	6.00E-10	6.52	11.723116	7.40E-02	27282064	27282187	NC_000017.10
cg07955004	6.30E-09	6.00E-10	6.52	11.72255	2.53E-02	79803515	79803638	NC_000017.10
cg01637289	6.30E-09	6.00E-10	6.52	11.7222441	6.86E-02	118769157	118769280	NC_000011.9
cg05509659	6.31E-09	6.01E-10	6.52	11.7218872	1.41E-01	124738871	124738994	NC_000011.9
cg14134497	6.31E-09	6.01E-10	6.52	11.7213745	1.63E-01	32074251	32074374	NC_000018.9
cg13633659	6.31E-09	6.01E-10	6.52	11.7211995	1.49E-01	98012426	98012549	NC_000009.11
cg14743594	6.32E-09	6.02E-10	6.52	11.720033	2.03E-01	167956394	167956517	NC_000005.9
cg17787084	6.33E-09	6.03E-10	6.52	11.7183515	1.37E-01	165323896	165324019	NC_000001.10
cg17466131	6.34E-09	6.04E-10	6.51	11.7162208	7.30E-02	186578190	186578313	NC_000004.11
cg19459876	6.34E-09	6.04E-10	6.51	11.7156328	1.48E-01	2292477	2292600	NC_000011.9
cg13930544	6.35E-09	6.05E-10	6.51	11.7144573	8.82E-02	247694061	247694184	NC_000001.10
cg00741624	6.36E-09	6.05E-10	6.51	11.7139307	1.59E-01	93897389	93897512	NC_000014.8
cg20616836	6.37E-09	6.07E-10	6.51	11.7121822	2.77E-02	3064281	3064404	NC_000019.9
cg14888369	6.37E-09	6.07E-10	6.51	11.7119655	3.67E-02	25039081	25039204	NC_000008.10
cg00532449	6.37E-09	6.07E-10	6.51	11.7115794	1.98E-01	2375420	2375543	NC_000001.10
cg13070193	6.38E-09	6.08E-10	6.51	11.7090394	1.53E-01	45613752	45613875	NC_000007.13
cg23346516	6.39E-09	6.09E-10	6.51	11.7089043	7.08E-02	76421646	76421769	NC_000017.10

cg07901351	6.39E-09	6.09E-10	6.51	11.7078533	5.93E-02	224625023	224625146	NC_000001.10
cg01647314	6.40E-09	6.10E-10	6.51	11.7072954	1.13E-01	23280066	23280189	NC_000001.10
cg16198468	6.40E-09	6.10E-10	6.51	11.706797	1.58E-01	76708051	76708174	NC_000010.10
cg01626112	6.40E-09	6.10E-10	6.51	11.7065316	1.21E-01	76653220	76653343	NC_000012.11
cg01667319	6.42E-09	6.12E-10	6.51	11.7038398	1.80E-01	2161128	2161251	NC_000011.9
cg18097850	6.42E-09	6.12E-10	6.51	11.7036214	1.29E-01	40005602	40005725	NC_000019.9
cg03205252	6.43E-09	6.13E-10	6.51	11.7025701	1.51E-01	51187536	51187659	NC_000016.9
cg26674479	6.43E-09	6.13E-10	6.51	11.7021889	1.09E-01	27281415	27281538	NC_000007.13
cg14076024	6.45E-09	6.15E-10	6.51	11.6982606	3.75E-02	104897608	104897731	NC_000014.8
cg21811143	6.45E-09	6.15E-10	6.51	11.6980908	1.56E-01	119599748	119599871	NC_000002.11
cg12107189	6.46E-09	6.16E-10	6.51	11.6971948	6.40E-02	125765152	125765275	NC_000008.10
cg16523839	6.46E-09	6.16E-10	6.51	11.6968953	1.36E-01	10077134	10077257	NC_000019.9
cg20687825	6.46E-09	6.16E-10	6.51	11.6967589	5.05E-02	79005609	79005732	NC_000004.11
cg19247475	6.47E-09	6.17E-10	6.51	11.6959738	1.03E-01	140789745	140789868	NC_000005.9
cg11717054	6.47E-09	6.17E-10	6.51	11.6957074	1.81E-01	279423	279546	NC_000011.9
cg05127995	6.47E-09	6.17E-10	6.51	11.695472	4.98E-02	2735245	2735368	NC_000004.11
cg19955284	6.47E-09	6.17E-10	6.51	11.6950136	7.92E-02	31833747	31833870	NC_000006.11
cg17833265	6.47E-09	6.17E-10	6.51	11.694968	1.37E-01	48042135	48042258	NC_000017.10
cg09274961	6.48E-09	6.18E-10	6.51	11.6939434	1.19E-01	85243231	85243354	NC_000016.9
cg16273546	6.50E-09	6.20E-10	6.51	11.6900482	7.21E-02	123070392	123070515	NC_000010.10
cg19047265	6.50E-09	6.21E-10	6.51	11.6897393	1.72E-01	177025998	177026121	NC_000002.11
cg05490712	6.51E-09	6.21E-10	6.51	11.6892759	1.44E-01	31838674	31838797	NC_000011.9
cg20245520	6.51E-09	6.21E-10	6.51	11.6892184	7.24E-02	157185279	157185402	NC_000007.13
cg06213468	6.51E-09	6.21E-10	6.51	11.6889014	1.48E-01	129534411	129534534	NC_000010.10
cg19140834	6.53E-09	6.23E-10	6.51	11.6860223	6.84E-02	131217668	131217791	NC_000007.13

cg24089118	6.53E-09	6.23E-10	6.51	11.6855208	1.53E-01	52734251	52734374	NC_000014.8
cg21097283	6.53E-09	6.24E-10	6.51	11.6847859	1.68E-01	76934461	76934584	NC_000005.9
cg10625851	6.54E-09	6.24E-10	6.51	11.6840627	4.05E-02	100084567	100084690	NC_000007.13
cg17080902	6.54E-09	6.24E-10	6.51	11.6838442	7.27E-02	51762495	51762618	NC_000015.9
cg27535380	6.57E-09	6.27E-10	6.51	11.6796313	6.12E-02	30795743	30795866	NC_000016.9
cg14188639	6.57E-09	6.27E-10	6.51	11.6794171	1.84E-01	2161544	2161667	NC_000011.9
cg15489250	6.57E-09	6.27E-10	6.51	11.6791156	2.29E-01	36994906	36995029	NC_000014.8
cg05545672	6.57E-09	6.27E-10	6.51	11.6789638	1.52E-01	170739541	170739664	NC_000005.9
cg19211915	6.57E-09	6.28E-10	6.51	11.6787722	1.13E-01	32452513	32452636	NC_000011.9
cg12002303	6.58E-09	6.28E-10	6.51	11.6774394	2.09E-01	68113478	68113601	NC_000015.9
cg16427239	6.58E-09	6.29E-10	6.51	11.6772321	8.81E-02	6623995	6624118	NC_000016.9
cg08015447	6.59E-09	6.29E-10	6.51	11.6764696	1.52E-01	6070188	6070311	NC_000016.9
cg20396436	6.59E-09	6.29E-10	6.51	11.6759885	1.54E-01	159173195	159173318	NC_000006.11
cg00316312	6.61E-09	6.31E-10	6.51	11.6732274	9.69E-02	134916087	134916210	NC_000010.10
cg12850078	6.61E-09	6.31E-10	6.51	11.6731302	1.83E-01	89922071	89922194	NC_000015.9
cg11959156	6.63E-09	6.33E-10	6.51	11.6699113	1.58E-01	62865391	62865514	NC_000020.10
cg27665767	6.63E-09	6.34E-10	6.51	11.6694267	1.00E-01	140764485	140764608	NC_000005.9
cg24639902	6.64E-09	6.34E-10	6.51	11.6682053	8.27E-02	22774971	22775094	NC_000008.10
cg26593267	6.64E-09	6.34E-10	6.51	11.6681781	1.90E-01	113764871	113764994	NC_000013.10
cg22441141	6.64E-09	6.34E-10	6.51	11.6681714	6.48E-02	63632453	63632576	NC_000015.9
cg17029156	6.65E-09	6.36E-10	6.51	11.6658998	1.96E-01	27070458	27070581	NC_000002.11
cg03144619	6.65E-09	6.36E-10	6.51	11.665724	4.05E-02	230415668	230415791	NC_000001.10
cg10284425	6.66E-09	6.36E-10	6.51	11.6652446	8.75E-02	86457686	86457809	NC_000016.9
cg26343001	6.66E-09	6.36E-10	6.51	11.6651662	1.51E-01	115104274	115104397	NC_000012.11
cg24938743	6.66E-09	6.37E-10	6.5	11.6645739	9.18E-02	98960620	98960743	NC_000013.10

cg13577628	6.66E-09	6.37E-10	6.5	11.664337	1.40E-01	119534899	119535022	NC_000001.10
cg01952742	6.67E-09	6.37E-10	6.5	11.6637608	7.80E-02	169558925	169559048	NC_000001.10
cg17913306	6.67E-09	6.38E-10	6.5	11.6627765	1.63E-01	92220385	92220508	NC_000014.8
cg11002686	6.68E-09	6.38E-10	6.5	11.6622777	1.13E-01	55412682	55412805	NC_000007.13
cg27207308	6.68E-09	6.38E-10	6.5	11.6619949	2.09E-01	47935683	47935806	NC_000020.10
cg26987597	6.69E-09	6.40E-10	6.5	11.6603127	2.07E-01	1391207	1391330	NC_000006.11
cg08533221	6.69E-09	6.40E-10	6.5	11.6600278	4.77E-02	112076633	112076756	NC_000013.10
cg24456365	6.69E-09	6.40E-10	6.5	11.6593711	1.79E-01	89340480	89340603	NC_000008.10
cg10426017	6.70E-09	6.41E-10	6.5	11.6580186	5.73E-02	167591040	167591163	NC_000006.11
cg04189838	6.71E-09	6.42E-10	6.5	11.6572036	6.08E-02	96523347	96523470	NC_000010.10
cg01974875	6.72E-09	6.43E-10	6.5	11.6555743	6.99E-02	6617580	6617703	NC_000017.10
cg21699252	6.72E-09	6.43E-10	6.5	11.6547254	3.67E-02	16079013	16079136	NC_000002.11
cg27000368	6.72E-09	6.43E-10	6.5	11.654625	4.34E-02	30122213	30122336	NC_000006.11
cg24224304	6.74E-09	6.45E-10	6.5	11.6525189	8.95E-02	89313120	89313243	NC_000015.9
cg16455972	6.75E-09	6.46E-10	6.5	11.6510276	8.05E-02	18286412	18286535	NC_000017.10
cg00117335	6.75E-09	6.46E-10	6.5	11.6505961	2.02E-02	117206442	117206565	NC_000001.10
cg00468146	6.76E-09	6.46E-10	6.5	11.6496936	1.49E-01	19838211	19838334	NC_000006.11
cg03308399	6.76E-09	6.47E-10	6.5	11.6485104	1.05E-01	27146237	27146360	NC_000007.13
cg26319169	6.77E-09	6.47E-10	6.5	11.6482958	4.89E-02	65870540	65870663	NC_000015.9
cg02717061	6.77E-09	6.47E-10	6.5	11.6482467	2.44E-01	110959356	110959479	NC_000013.10
cg01777812	6.78E-09	6.49E-10	6.5	11.6464191	1.28E-01	90117697	90117820	NC_000004.11
cg24061208	6.78E-09	6.49E-10	6.5	11.646128	1.67E-01	14748250	14748373	NC_000018.9
cg27169263	6.78E-09	6.49E-10	6.5	11.6454438	2.50E-02	1633373	1633496	NC_000001.10
cg23467079	6.79E-09	6.49E-10	6.5	11.6452308	1.09E-01	124219425	124219548	NC_000008.10
cg25303427	6.79E-09	6.49E-10	6.5	11.6451663	9.89E-02	128482679	128482802	NC_000007.13

cg19370653	6.79E-09	6.49E-10	6.5	11.6451425	1.81E-01	111550040	111550163	NC_000004.11
cg01617933	6.80E-09	6.51E-10	6.5	11.6435613	1.04E-01	29316555	29316678	NC_000007.13
cg15946904	6.80E-09	6.51E-10	6.5	11.6429881	2.73E-02	957248	957371	NC_000017.10
cg02480685	6.80E-09	6.51E-10	6.5	11.6422652	1.21E-01	96163530	96163653	NC_000008.10
cg09267787	6.81E-09	6.51E-10	6.5	11.6421255	4.03E-02	11200441	11200564	NC_000006.11
cg02388865	6.81E-09	6.52E-10	6.5	11.6418665	1.62E-01	26737318	26737441	NC_000001.10
cg24341452	6.83E-09	6.54E-10	6.5	11.6386912	1.45E-01	182911633	182911756	NC_000001.10
cg25559313	6.83E-09	6.54E-10	6.5	11.6383493	1.72E-01	19138267	19138390	NC_000022.10
cg23690528	6.83E-09	6.54E-10	6.5	11.6382618	2.02E-01	94285270	94285393	NC_000007.13
cg02120774	6.83E-09	6.54E-10	6.5	11.6382593	2.07E-01	45961473	45961596	NC_000007.13
cg21942490	6.83E-09	6.54E-10	6.5	11.6378302	1.36E-01	27206237	27206360	NC_000007.13
cg24049616	6.84E-09	6.55E-10	6.5	11.6370142	1.35E-01	55359029	55359152	NC_000016.9
cg14509403	6.85E-09	6.56E-10	6.5	11.6359529	1.06E-01	30476281	30476404	NC_000022.10
cg04787317	6.85E-09	6.56E-10	6.5	11.6347552	2.53E-02	38009934	38010057	NC_000003.11
cg23093609	6.85E-09	6.57E-10	6.5	11.6345197	1.28E-01	32572422	32572545	NC_000022.10
cg21075378	6.86E-09	6.57E-10	6.5	11.6339446	1.22E-01	44495876	44495999	NC_000018.9
cg03962821	6.86E-09	6.57E-10	6.5	11.6338256	7.99E-02	1315051	1315174	NC_000007.13
cg20239017	6.86E-09	6.57E-10	6.5	11.633306	9.53E-02	41961110	41961233	NC_000001.10
cg18326562	6.87E-09	6.59E-10	6.5	11.631447	1.01E-01	67413885	67414008	NC_000017.10
cg13736376	6.88E-09	6.59E-10	6.5	11.631247	1.35E-01	111539291	111539414	NC_000004.11
cg16428357	6.88E-09	6.59E-10	6.5	11.6306686	9.75E-02	34190258	34190381	NC_000020.10
cg00064336	6.88E-09	6.60E-10	6.5	11.6298805	1.10E-01	88143970	88144093	NC_000016.9
cg21550580	6.90E-09	6.62E-10	6.5	11.6271559	1.11E-01	65755382	65755505	NC_000003.11
cg06275859	6.91E-09	6.62E-10	6.5	11.6262722	1.39E-01	1407694	1407817	NC_000004.11
cg13884568	6.91E-09	6.62E-10	6.5	11.6257985	1.40E-01	79630305	79630428	NC_000009.11

cg20833182	6.91E-09	6.63E-10	6.5	11.6254753	4.74E-02	7741012	7741135	NC_000017.10
cg02393907	6.93E-09	6.64E-10	6.5	11.6229981	1.08E-01	150011063	150011186	NC_000007.13
cg25035939	6.94E-09	6.65E-10	6.5	11.6221756	6.25E-02	245674287	245674410	NC_000001.10
cg15368455	6.94E-09	6.66E-10	6.5	11.6212001	1.11E-01	37835958	37836081	NC_000005.9
cg01121554	6.95E-09	6.66E-10	6.5	11.6203754	7.68E-02	23253797	23253920	NC_000019.9
cg17102807	6.96E-09	6.67E-10	6.5	11.6185629	5.15E-02	43483382	43483505	NC_000006.11
cg21609106	6.96E-09	6.67E-10	6.5	11.6185118	1.63E-01	38259214	38259337	NC_000005.9
cg20667845	6.96E-09	6.67E-10	6.5	11.6184142	1.09E-01	152132086	152132209	NC_000007.13
cg05743982	6.96E-09	6.68E-10	6.5	11.6182933	4.00E-02	30018158	30018281	NC_000016.9
cg15724417	6.96E-09	6.68E-10	6.5	11.6177758	3.50E-02	66433521	66433644	NC_000003.11
cg07997434	6.97E-09	6.68E-10	6.5	11.6174427	1.79E-01	238864969	238865092	NC_000002.11
cg03683946	6.97E-09	6.68E-10	6.5	11.6174117	7.25E-02	38051826	38051949	NC_000022.10
cg10095242	6.97E-09	6.68E-10	6.5	11.6173135	2.20E-01	54163622	54163745	NC_000008.10
cg23109174	6.98E-09	6.69E-10	6.5	11.6159559	4.69E-02	24998564	24998687	NC_000022.10
cg08654915	6.98E-09	6.70E-10	6.5	11.6147387	1.23E-01	157813417	157813540	NC_000003.11
cg22015128	6.98E-09	6.70E-10	6.5	11.6147307	9.22E-02	202612948	202613071	NC_000001.10
cg00035316	7.00E-09	6.71E-10	6.5	11.6125919	1.61E-01	176993017	176993140	NC_000002.11
cg23799901	7.00E-09	6.71E-10	6.5	11.6125055	1.56E-01	124404431	124404554	NC_000007.13
cg04112211	7.01E-09	6.73E-10	6.49	11.61083	1.60E-01	87436327	87436450	NC_000005.9
cg08789022	7.02E-09	6.73E-10	6.49	11.6097706	1.69E-01	27484942	27485065	NC_000002.11
cg02374745	7.03E-09	6.74E-10	6.49	11.608546	2.11E-01	6679564	6679687	NC_000017.10
cg11188483	7.03E-09	6.75E-10	6.49	11.608089	7.27E-02	39542821	39542944	NC_000003.11
cg05289253	7.03E-09	6.75E-10	6.49	11.607895	2.01E-01	123301674	123301797	NC_000011.9
cg22572159	7.03E-09	6.75E-10	6.49	11.6072519	2.02E-01	115880646	115880769	NC_000001.10
cg25538809	7.03E-09	6.75E-10	6.49	11.6071968	8.10E-02	21186789	21186912	NC_000017.10



cg14204462	7.04E-09	6.75E-10	6.49	11.6071424	1.49E-01	119540044	119540167	NC_000001.10
cg07247419	7.04E-09	6.76E-10	6.49	11.6060407	1.38E-01	21376484	21376607	NC_000020.10
cg04089240	7.05E-09	6.76E-10	6.49	11.6052954	4.27E-02	2437789	2437912	NC_000011.9
cg24147428	7.06E-09	6.78E-10	6.49	11.6037112	1.11E-01	65409760	65409883	NC_000011.9
cg01060089	7.06E-09	6.78E-10	6.49	11.6036506	1.17E-01	131783940	131784063	NC_000012.11
cg01822600	7.06E-09	6.78E-10	6.49	11.6031725	5.49E-02	245751692	245751815	NC_000001.10
cg21910390	7.06E-09	6.78E-10	6.49	11.6028514	9.40E-02	52718946	52719069	NC_000004.11
cg04452785	7.07E-09	6.79E-10	6.49	11.6012976	3.63E-02	128809028	128809151	NC_000003.11
cg03532904	7.08E-09	6.80E-10	6.49	11.6005988	1.75E-01	114877894	114878017	NC_000012.11
cg09538651	7.10E-09	6.82E-10	6.49	11.5978156	6.30E-02	70001896	70002019	NC_000011.9
cg27345924	7.10E-09	6.82E-10	6.49	11.5972204	1.38E-01	2727758	2727881	NC_000005.9
cg16765487	7.11E-09	6.83E-10	6.49	11.5958771	9.32E-02	89548175	89548298	NC_000016.9
cg05363903	7.11E-09	6.83E-10	6.49	11.5954927	1.14E-01	237415899	237416022	NC_000002.11
cg02650317	7.12E-09	6.83E-10	6.49	11.5952793	2.45E-01	61808888	61809011	NC_000020.10
cg04569615	7.12E-09	6.84E-10	6.49	11.5943734	1.22E-01	20622198	20622321	NC_000011.9
cg06119016	7.13E-09	6.85E-10	6.49	11.5932554	8.56E-02	80373277	80373400	NC_000017.10
cg05864140	7.13E-09	6.85E-10	6.49	11.5930987	1.05E-01	220196530	220196653	NC_000002.11
cg05737535	7.13E-09	6.85E-10	6.49	11.5928168	1.20E-01	130316398	130316521	NC_000010.10
cg08032924	7.14E-09	6.86E-10	6.49	11.5916734	1.50E-01	66613096	66613219	NC_000016.9
cg03149560	7.15E-09	6.87E-10	6.49	11.5905261	1.71E-01	29796379	29796502	NC_000006.11
cg22677715	7.15E-09	6.87E-10	6.49	11.5901782	1.37E-01	162284644	162284767	NC_000002.11
cg08372619	7.16E-09	6.88E-10	6.49	11.588202	1.99E-01	109799518	109799641	NC_000008.10
cg15164708	7.16E-09	6.88E-10	6.49	11.5881667	1.14E-01	49936274	49936397	NC_000019.9
cg05099491	7.16E-09	6.88E-10	6.49	11.5880419	1.84E-01	165205352	165205475	NC_000001.10
cg17569124	7.17E-09	6.89E-10	6.49	11.5876247	1.42E-01	27183643	27183766	NC_000007.13

cg03210257	7.17E-09	6.89E-10	6.49	11.5869206	1.28E-01	68118127	68118250	NC_000015.9
cg04549460	7.17E-09	6.89E-10	6.49	11.5867522	1.59E-01	109095975	109096098	NC_000008.10
cg00499237	7.17E-09	6.89E-10	6.49	11.586621	1.22E-01	97169033	97169156	NC_000002.11
cg23309947	7.17E-09	6.89E-10	6.49	11.5865915	5.28E-02	44129997	44130120	NC_000021.8
cg10117884	7.20E-09	6.92E-10	6.49	11.5834626	1.43E-01	166955898	166956021	NC_000001.10
cg10021878	7.21E-09	6.93E-10	6.49	11.5818139	1.46E-01	207669922	207670045	NC_000001.10
cg18463891	7.21E-09	6.93E-10	6.49	11.5816057	7.93E-02	593650	593773	NC_000007.13
cg15613761	7.21E-09	6.93E-10	6.49	11.5813084	8.56E-02	46404710	46404833	NC_000019.9
cg24714905	7.21E-09	6.93E-10	6.49	11.5812279	1.51E-01	100637241	100637364	NC_000013.10
cg27648006	7.22E-09	6.94E-10	6.49	11.580425	6.02E-02	131526535	131526658	NC_000012.11
cg21269934	7.23E-09	6.95E-10	6.49	11.5788419	1.46E-01	2060219	2060342	NC_000004.11
cg09207077	7.23E-09	6.95E-10	6.49	11.5785934	8.96E-02	62708202	62708325	NC_000010.10
cg26841114	7.23E-09	6.95E-10	6.49	11.5785425	6.08E-02	88871987	88872110	NC_000016.9
cg08815081	7.23E-09	6.96E-10	6.49	11.577812	1.51E-01	28035731	28035854	NC_000010.10
cg10319893	7.23E-09	6.96E-10	6.49	11.5776925	1.61E-01	37248953	37249076	NC_000013.10
cg10377921	7.25E-09	6.97E-10	6.49	11.5755404	1.37E-01	15391946	15392069	NC_000019.9
cg11435943	7.25E-09	6.98E-10	6.49	11.575219	1.05E-01	61222687	61222810	NC_000018.9
cg01922936	7.25E-09	6.98E-10	6.49	11.5750357	1.35E-01	100239017	100239140	NC_000005.9
cg11741356	7.26E-09	6.98E-10	6.49	11.5746271	9.13E-02	97490784	97490907	NC_000015.9
cg12354318	7.26E-09	6.98E-10	6.49	11.5738726	5.61E-02	14582415	14582538	NC_000010.10
cg14908170	7.27E-09	6.99E-10	6.49	11.5729961	1.19E-01	240405317	240405440	NC_000002.11
cg18840956	7.27E-09	6.99E-10	6.49	11.5728018	1.88E-01	95769005	95769128	NC_000005.9
cg10828337	7.28E-09	7.00E-10	6.49	11.5713468	1.49E-01	29236476	29236599	NC_000014.8
cg14716990	7.28E-09	7.01E-10	6.49	11.5704867	1.86E-01	129533731	129533854	NC_000010.10
cg07152755	7.29E-09	7.01E-10	6.49	11.5701476	1.47E-01	105474472	105474595	NC_000002.11

cg20303561	7.29E-09	7.01E-10	6.49	11.5700498	1.26E-01	91881497	91881620	NC_000014.8
cg06650206	7.30E-09	7.03E-10	6.49	11.5681579	1.02E-01	166068485	166068608	NC_000006.11
cg24199834	7.31E-09	7.04E-10	6.49	11.5664456	1.38E-01	147560126	147560249	NC_000004.11
cg18466173	7.33E-09	7.05E-10	6.49	11.5646027	1.50E-01	46726267	46726390	NC_000021.8
cg19742687	7.33E-09	7.05E-10	6.49	11.5644889	1.01E-01	88025975	88026098	NC_000011.9
cg08941355	7.33E-09	7.06E-10	6.49	11.5636865	9.20E-02	27133106	27133229	NC_000007.13
cg01354961	7.34E-09	7.07E-10	6.49	11.5624948	1.64E-01	8473462	8473585	NC_000007.13
cg01656244	7.36E-09	7.09E-10	6.49	11.559388	1.74E-01	65284080	65284203	NC_000008.10
cg21467371	7.38E-09	7.10E-10	6.48	11.557539	9.38E-02	79648722	79648845	NC_000017.10
cg18780412	7.38E-09	7.10E-10	6.48	11.5574824	1.80E-01	179755086	179755209	NC_000003.11
cg07991479	7.38E-09	7.11E-10	6.48	11.5571043	3.77E-02	40265765	40265888	NC_000017.10
cg13269527	7.38E-09	7.11E-10	6.48	11.55692	5.88E-02	25572674	25572797	NC_000018.9
cg22054362	7.39E-09	7.12E-10	6.48	11.5556644	1.82E-01	57050367	57050490	NC_000019.9
cg10031614	7.39E-09	7.12E-10	6.48	11.5556238	1.56E-01	81187601	81187724	NC_000004.11
cg08314208	7.39E-09	7.12E-10	6.48	11.5554325	9.04E-02	67682810	67682933	NC_000016.9
cg08823240	7.39E-09	7.12E-10	6.48	11.555405	1.47E-01	43388897	43389020	NC_000017.10
cg05616550	7.41E-09	7.13E-10	6.48	11.5531724	1.75E-01	54675154	54675277	NC_000017.10
cg18325439	7.41E-09	7.14E-10	6.48	11.5529414	1.56E-01	71217320	71217443	NC_000007.13
cg09511846	7.41E-09	7.14E-10	6.48	11.5522476	2.22E-01	77332991	77333114	NC_000001.10
cg03535239	7.43E-09	7.16E-10	6.48	11.5499935	8.25E-02	77241424	77241547	NC_000014.8
cg24114014	7.44E-09	7.17E-10	6.48	11.5485584	1.58E-01	28584167	28584290	NC_000006.11
cg04970570	7.45E-09	7.18E-10	6.48	11.5473882	1.62E-01	87990145	87990268	NC_000005.9
cg23808946	7.46E-09	7.19E-10	6.48	11.5454577	2.33E-01	45169548	45169671	NC_000002.11
cg07295678	7.47E-09	7.20E-10	6.48	11.5444163	1.53E-01	134000009	134000132	NC_000010.10
cg09258813	7.47E-09	7.20E-10	6.48	11.5443903	2.33E-01	37823409	37823532	NC_000008.10

cg14392929	7.47E-09	7.20E-10	6.48	11.5443315	7.14E-02	136758143	136758266	NC_000009.11
cg16195569	7.47E-09	7.20E-10	6.48	11.5439522	1.38E-01	57390536	57390659	NC_000010.10
cg01322405	7.48E-09	7.21E-10	6.48	11.5428863	1.20E-01	40757317	40757440	NC_000021.8
cg04166294	7.48E-09	7.21E-10	6.48	11.5426446	1.16E-01	54322984	54323107	NC_000016.9
cg18536148	7.50E-09	7.23E-10	6.48	11.5397877	1.13E-01	59533844	59533967	NC_000017.10
cg24310904	7.51E-09	7.24E-10	6.48	11.5389651	8.04E-02	47421270	47421393	NC_000021.8
cg22954645	7.51E-09	7.24E-10	6.48	11.538465	7.91E-02	168972438	168972561	NC_000006.11
cg02093692	7.51E-09	7.24E-10	6.48	11.5383979	1.23E-01	193798490	193798613	NC_000003.11
cg15805104	7.51E-09	7.24E-10	6.48	11.5383975	1.63E-01	56988935	56989058	NC_000019.9
cg07434402	7.51E-09	7.24E-10	6.48	11.5381916	2.13E-01	84431535	84431658	NC_000011.9
cg27329091	7.51E-09	7.25E-10	6.48	11.5380224	9.49E-02	213698049	213698172	NC_000002.11
cg12300382	7.51E-09	7.25E-10	6.48	11.5379043	8.80E-02	50467567	50467690	NC_000007.13
cg15759056	7.52E-09	7.26E-10	6.48	11.5363126	1.41E-01	87229552	87229675	NC_000007.13
cg10573018	7.53E-09	7.26E-10	6.48	11.5357328	1.79E-01	38100837	38100960	NC_000001.10
cg23164183	7.55E-09	7.28E-10	6.48	11.532697	1.23E-01	2754894	2755017	NC_000005.9
cg14048487	7.55E-09	7.28E-10	6.48	11.5326912	4.68E-02	41273439	41273562	NC_000017.10
cg19437183	7.56E-09	7.29E-10	6.48	11.5319768	1.82E-01	77585222	77585345	NC_000008.10
cg07558006	7.56E-09	7.30E-10	6.48	11.5311988	3.14E-02	132874263	132874386	NC_000006.11
cg00342530	7.56E-09	7.30E-10	6.48	11.5309983	1.25E-01	130027020	130027143	NC_000009.11
cg17991695	7.56E-09	7.30E-10	6.48	11.5308284	1.36E-01	10882974	10883097	NC_000006.11
cg23024136	7.57E-09	7.31E-10	6.48	11.5295838	1.32E-01	153853154	153853277	NC_000005.9
cg10678266	7.58E-09	7.31E-10	6.48	11.5288786	1.48E-01	24614348	24614471	NC_000007.13
cg12351433	7.58E-09	7.32E-10	6.48	11.5284595	1.82E-01	48982957	48983080	NC_000002.11
cg02185464	7.58E-09	7.32E-10	6.48	11.5279577	1.29E-01	84867338	84867461	NC_000016.9
cg06169131	7.59E-09	7.32E-10	6.48	11.5274858	1.24E-01	103536348	103536471	NC_000010.10

cg10906284	7.59E-09	7.33E-10	6.48	11.5268904	1.08E-01	63544430	63544553	NC_000012.11
cg01028849	7.59E-09	7.33E-10	6.48	11.5268599	1.43E-01	65490422	65490545	NC_000008.10
cg11409285	7.60E-09	7.33E-10	6.48	11.5260838	9.14E-02	76641147	76641270	NC_000017.10
cg23847381	7.60E-09	7.34E-10	6.48	11.5251781	1.95E-01	5544031	5544154	NC_000018.9
cg20374054	7.60E-09	7.34E-10	6.48	11.5250863	1.46E-01	124735126	124735249	NC_000011.9
cg23820302	7.62E-09	7.36E-10	6.48	11.5225096	5.33E-02	19172577	19172700	NC_000013.10
cg26658465	7.63E-09	7.36E-10	6.48	11.5222412	1.82E-01	178594195	178594318	NC_000005.9
cg07908679	7.66E-09	7.40E-10	6.48	11.5173788	6.57E-02	156371426	156371549	NC_000007.13
cg12111758	7.66E-09	7.40E-10	6.48	11.517246	1.59E-01	111472375	111472498	NC_000012.11
cg00266286	7.67E-09	7.41E-10	6.48	11.5158359	1.49E-01	32713723	32713846	NC_000005.9
cg04157161	7.67E-09	7.41E-10	6.48	11.5157601	9.34E-02	7906847	7906970	NC_000017.10
cg17443668	7.68E-09	7.42E-10	6.48	11.5148179	9.41E-02	152130772	152130895	NC_000001.10
cg16690286	7.68E-09	7.42E-10	6.48	11.5146813	6.74E-02	31870244	31870367	NC_000020.10
cg13826749	7.69E-09	7.42E-10	6.48	11.5140528	5.03E-02	43867568	43867691	NC_000021.8
cg09919743	7.69E-09	7.43E-10	6.48	11.5135862	3.00E-02	31663851	31663974	NC_000015.9
cg26343532	7.69E-09	7.43E-10	6.48	11.513508	1.03E-01	144207101	144207224	NC_000008.10
cg19105442	7.70E-09	7.44E-10	6.48	11.5126348	7.70E-02	110965775	110965898	NC_000013.10
cg15778437	7.71E-09	7.45E-10	6.48	11.511044	2.04E-01	31839521	31839644	NC_000011.9
cg13062455	7.71E-09	7.45E-10	6.48	11.5105427	1.35E-01	81978021	81978144	NC_000014.8
cg21530453	7.72E-09	7.46E-10	6.48	11.509996	2.01E-01	56226346	56226469	NC_000016.9
cg06066137	7.73E-09	7.47E-10	6.48	11.508746	1.31E-01	57359200	57359323	NC_000008.10
cg23155932	7.73E-09	7.47E-10	6.48	11.5085418	4.21E-02	134877706	134877829	NC_000010.10
cg07802350	7.73E-09	7.47E-10	6.48	11.5078493	1.75E-01	176956573	176956696	NC_000002.11
cg13041355	7.73E-09	7.47E-10	6.48	11.507549	7.65E-02	178622080	178622203	NC_000005.9
cg01011748	7.73E-09	7.48E-10	6.48	11.5074536	2.16E-01	154729200	154729323	NC_000002.11

cg21762788	7.74E-09	7.48E-10	6.48	11.5070293	1.60E-01	9756501	9756624	NC_000008.10
cg20296493	7.76E-09	7.50E-10	6.48	11.5044147	1.07E-01	124219725	124219848	NC_000008.10
cg17220749	7.76E-09	7.50E-10	6.48	11.5043217	1.17E-01	230249292	230249415	NC_000001.10
cg23409774	7.76E-09	7.50E-10	6.48	11.5042744	1.47E-01	175300141	175300264	NC_000005.9
cg16210375	7.76E-09	7.50E-10	6.47	11.5035461	3.42E-02	26682730	26682853	NC_000002.11
cg21591693	7.77E-09	7.51E-10	6.47	11.503181	6.62E-02	159647782	159647905	NC_000004.11
cg22399023	7.77E-09	7.51E-10	6.47	11.5029903	3.63E-02	5950951	5951074	NC_000001.10
cg09598590	7.77E-09	7.51E-10	6.47	11.502954	5.56E-02	46563704	46563827	NC_000013.10
cg07133479	7.77E-09	7.52E-10	6.47	11.5019999	4.61E-02	86420600	86420723	NC_000002.11
cg26843278	7.78E-09	7.52E-10	6.47	11.5015142	1.35E-01	131194523	131194646	NC_000010.10
cg10894566	7.78E-09	7.52E-10	6.47	11.5012267	1.54E-01	89905901	89906024	NC_000015.9
cg21251125	7.79E-09	7.53E-10	6.47	11.5002462	1.46E-01	126771781	126771904	NC_000009.11
cg08787039	7.79E-09	7.54E-10	6.47	11.4994673	1.03E-01	182921857	182921980	NC_000001.10
cg20194689	7.80E-09	7.54E-10	6.47	11.4988056	9.42E-02	178003633	178003756	NC_000005.9
cg02954212	7.80E-09	7.54E-10	6.47	11.4986459	2.02E-01	56226350	56226473	NC_000016.9
cg27662246	7.80E-09	7.55E-10	6.47	11.4983033	8.10E-02	107974539	107974662	NC_000012.11
cg22537280	7.80E-09	7.55E-10	6.47	11.497916	8.95E-02	54723213	54723336	NC_000001.10
cg03957235	7.80E-09	7.55E-10	6.47	11.4978244	6.83E-02	3512243	3512366	NC_000001.10
cg17466857	7.81E-09	7.55E-10	6.47	11.4975357	1.72E-01	27225528	27225651	NC_000007.13
cg00211337	7.81E-09	7.56E-10	6.47	11.496781	1.49E-01	230670550	230670673	NC_000002.11
cg14164099	7.81E-09	7.56E-10	6.47	11.4967397	1.27E-01	95870475	95870598	NC_000015.9
cg21869027	7.82E-09	7.56E-10	6.47	11.4963101	6.53E-02	29902402	29902525	NC_000017.10
cg22159514	7.82E-09	7.57E-10	6.47	11.4954935	1.95E-01	11591185	11591308	NC_000019.9
cg15972331	7.83E-09	7.58E-10	6.47	11.4941445	1.46E-01	102569894	102570017	NC_000013.10
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cg06399148	7.83E-09	7.58E-10	6.47	11.4935848	1.89E-01	104153148	104153271	NC_000008.10
cg19905757	7.84E-09	7.58E-10	6.47	11.4934525	1.10E-01	68924127	68924250	NC_000015.9
cg15792957	7.84E-09	7.58E-10	6.47	11.4931972	9.33E-02	47604206	47604329	NC_000002.11
cg00406023	7.85E-09	7.59E-10	6.47	11.4920438	8.77E-02	120090023	120090146	NC_000011.9
cg11012061	7.87E-09	7.61E-10	6.47	11.489547	1.49E-01	145722468	145722591	NC_000005.9
cg08862830	7.87E-09	7.62E-10	6.47	11.4892762	9.38E-02	5507336	5507459	NC_000019.9
cg15239123	7.87E-09	7.62E-10	6.47	11.4891667	1.89E-01	70346413	70346536	NC_000014.8
cg26976732	7.87E-09	7.62E-10	6.47	11.4890026	2.12E-01	216100	216223	NC_000016.9
cg13651561	7.87E-09	7.62E-10	6.47	11.488966	5.99E-02	134663491	134663614	NC_000009.11
cg19838506	7.89E-09	7.64E-10	6.47	11.4861705	6.14E-02	13025242	13025365	NC_000007.13
cg15196197	7.90E-09	7.64E-10	6.47	11.4856218	1.67E-01	32064573	32064696	NC_000006.11
cg01532436	7.90E-09	7.65E-10	6.47	11.4853157	1.96E-01	48983942	48984065	NC_000019.9
cg02886806	7.90E-09	7.65E-10	6.47	11.4850442	7.56E-02	1906992	1907115	NC_000002.11
cg09447105	7.91E-09	7.66E-10	6.47	11.4839151	7.60E-02	15126020	15126143	NC_000012.11
cg26327666	7.92E-09	7.67E-10	6.47	11.4818729	1.55E-01	76937963	76938086	NC_000005.9
cg01255417	7.93E-09	7.68E-10	6.47	11.480914	1.32E-01	10422636	10422759	NC_000006.11
cg03754311	7.95E-09	7.70E-10	6.47	11.4788879	1.55E-01	20879029	20879152	NC_000001.10
cg06539449	7.95E-09	7.70E-10	6.47	11.4781242	8.67E-02	69461008	69461131	NC_000011.9
cg07647726	7.97E-09	7.72E-10	6.47	11.4760355	1.58E-01	109149171	109149294	NC_000013.10
cg16134678	7.97E-09	7.72E-10	6.47	11.4756792	1.13E-01	25670187	25670310	NC_000013.10
cg23071120	7.98E-09	7.73E-10	6.47	11.4749465	2.15E-01	13840480	13840603	NC_000001.10
cg17940495	7.98E-09	7.73E-10	6.47	11.4749178	8.94E-02	14282882	14283005	NC_000006.11
cg04299439	7.98E-09	7.73E-10	6.47	11.4745773	1.40E-01	182547599	182547722	NC_000002.11
cg22294267	7.98E-09	7.73E-10	6.47	11.4744338	7.91E-02	57352252	57352375	NC_000019.9
cg05812266	7.98E-09	7.73E-10	6.47	11.4740262	9.78E-02	29595194	29595317	NC_000006.11

cg12514620	7.98E-09	7.74E-10	6.47	11.473838	7.89E-02	54871858	54871981	NC_000001.10
cg02214745	7.99E-09	7.74E-10	6.47	11.4732098	1.82E-01	130645645	130645768	NC_000012.11
cg01164789	7.99E-09	7.74E-10	6.47	11.4729327	2.32E-02	77424274	77424397	NC_000012.11
cg14270789	8.00E-09	7.75E-10	6.47	11.4723837	1.75E-01	25620954	25621077	NC_000013.10
cg14301844	8.00E-09	7.75E-10	6.47	11.4721917	6.38E-02	100904721	100904844	NC_000014.8
cg25400229	8.01E-09	7.76E-10	6.47	11.4711143	1.88E-01	11752592	11752715	NC_000018.9
cg26833667	8.02E-09	7.77E-10	6.47	11.4696211	1.63E-02	15005466	15005589	NC_000004.11
cg10481019	8.03E-09	7.78E-10	6.47	11.468069	5.00E-02	81095002	81095125	NC_000016.9
cg09232937	8.04E-09	7.79E-10	6.47	11.4670314	1.37E-01	3595970	3596093	NC_000005.9
cg24504927	8.04E-09	7.79E-10	6.47	11.4667611	1.98E-01	85667353	85667476	NC_000012.11
cg12298268	8.04E-09	7.79E-10	6.47	11.4664288	1.77E-01	139257866	139257989	NC_000003.11
cg24811864	8.05E-09	7.80E-10	6.47	11.4651889	1.50E-01	55019711	55019834	NC_000018.9
cg16786581	8.05E-09	7.81E-10	6.47	11.4650152	9.68E-02	10320712	10320835	NC_000006.11
cg14186846	8.06E-09	7.82E-10	6.47	11.4635198	1.14E-01	15256907	15257030	NC_000006.11
cg23563443	8.07E-09	7.83E-10	6.47	11.4623013	2.86E-02	22408989	22409112	NC_000008.10
cg06679347	8.08E-09	7.83E-10	6.47	11.4615032	2.00E-01	177714350	177714473	NC_000004.11
cg25035988	8.09E-09	7.85E-10	6.47	11.4599226	1.44E-01	57387978	57388101	NC_000010.10
cg17811167	8.09E-09	7.85E-10	6.47	11.4598449	1.14E-01	36861499	36861622	NC_000017.10
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cg19358442	8.11E-09	7.86E-10	6.47	11.4578744	1.13E-01	44325687	44325810	NC_000011.9
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cg17880014	8.11E-09	7.87E-10	6.47	11.4573047	1.43E-01	71693165	71693288	NC_000002.11
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cg12690369	8.12E-09	7.88E-10	6.47	11.4559892	1.72E-01	71314144	71314267	NC_000012.11



cg16933248	8.12E-09	7.88E-10	6.47	11.4559016	1.03E-01	132932245	132932368	NC_000012.11
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cg05432213	8.14E-09	7.89E-10	6.47	11.4541381	7.73E-02	35086985	35087108	NC_000015.9
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cg12405231	8.17E-09	7.93E-10	6.46	11.4493311	9.23E-02	211749023	211749146	NC_000001.10
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cg02919960	8.19E-09	7.94E-10	6.46	11.4478552	1.22E-01	27192549	27192672	NC_000007.13
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cg22961241	8.19E-09	7.95E-10	6.46	11.4471586	1.08E-01	32917502	32917625	NC_000006.11
cg27534599	8.20E-09	7.96E-10	6.46	11.4461205	1.36E-01	17680477	17680600	NC_000022.10
cg18760835	8.20E-09	7.96E-10	6.46	11.4457528	1.09E-01	5996245	5996368	NC_000006.11
cg24252925	8.21E-09	7.97E-10	6.46	11.4449842	1.99E-01	116854028	116854151	NC_000010.10
cg23634417	8.21E-09	7.97E-10	6.46	11.4444946	2.41E-02	156255479	156255602	NC_000001.10
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cg12600346	8.23E-09	7.99E-10	6.46	11.4426896	4.55E-02	82753800	82753923	NC_000002.11
cg23038594	8.23E-09	7.99E-10	6.46	11.4426869	1.41E-01	170254369	170254492	NC_000001.10
cg19888869	8.24E-09	8.00E-10	6.46	11.4404293	1.09E-01	54967674	54967797	NC_000004.11
cg12620706	8.24E-09	8.00E-10	6.46	11.4403982	6.29E-02	155917159	155917282	NC_000007.13
cg12042864	8.25E-09	8.01E-10	6.46	11.4393782	4.57E-02	99066260	99066383	NC_000007.13

cg26410450	8.25E-09	8.01E-10	6.46	11.4392872	1.76E-01	17740967	17741090	NC_000011.9
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cg11429658	8.28E-09	8.04E-10	6.46	11.4362854	1.34E-01	15646635	15646758	NC_000021.8
cg09909151	8.28E-09	8.04E-10	6.46	11.4358468	1.13E-01	47494258	47494381	NC_000016.9
cg25260543	8.28E-09	8.04E-10	6.46	11.4357711	1.43E-01	100946792	100946915	NC_000007.13
cg05523911	8.29E-09	8.06E-10	6.46	11.4342697	1.48E-01	152081002	152081125	NC_000001.10
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cg01016119	8.31E-09	8.08E-10	6.46	11.4317515	1.66E-01	56835282	56835405	NC_000003.11
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cg13686115	8.34E-09	8.10E-10	6.46	11.4284539	1.40E-01	60936626	60936749	NC_000010.10
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cg09865386	8.38E-09	8.15E-10	6.46	11.4229252	4.98E-02	101192599	101192722	NC_000014.8
cg14102055	8.39E-09	8.16E-10	6.46	11.4220365	6.34E-02	133715238	133715361	NC_000009.11
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cg12405265	8.39E-09	8.16E-10	6.46	11.4214987	4.57E-02	24655961	24656084	NC_000001.10
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cg25365014	8.41E-09	8.17E-10	6.46	11.4199583	1.30E-01	2727713	2727836	NC_000005.9
cg20289911	8.41E-09	8.18E-10	6.46	11.4195466	9.92E-02	816362	816485	NC_000020.10
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cg12129983	8.43E-09	8.20E-10	6.46	11.4165824	3.90E-02	69462660	69462783	NC_000011.9
cg08270734	8.44E-09	8.21E-10	6.46	11.4158208	2.23E-02	108951574	108951697	NC_000012.11
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cg20390515	8.49E-09	8.26E-10	6.46	11.41008	2.00E-01	945697	945820	NC_000002.11
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cg05778440	8.51E-09	8.28E-10	6.46	11.4070516	1.10E-01	66196160	66196283	NC_000017.10
cg10356657	8.51E-09	8.28E-10	6.46	11.4068525	1.02E-01	99978574	99978697	NC_000014.8
cg24801123	8.51E-09	8.28E-10	6.46	11.4068296	1.40E-01	45615503	45615626	NC_000007.13
cg04123685	8.51E-09	8.29E-10	6.46	11.4064173	2.87E-02	36897340	36897463	NC_000022.10
cg19389953	8.53E-09	8.31E-10	6.46	11.4041299	1.29E-01	121939827	121939950	NC_000007.13
cg05933997	8.55E-09	8.32E-10	6.46	11.402568	7.31E-02	86735122	86735245	NC_000016.9
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cg14985989	8.55E-09	8.33E-10	6.46	11.4014194	2.01E-01	496428	496551	NC_000019.9
cg26986911	8.56E-09	8.34E-10	6.46	11.4007626	1.93E-01	33936292	33936415	NC_000005.9
cg24645221	8.56E-09	8.34E-10	6.46	11.4004796	1.03E-01	57358928	57359051	NC_000008.10
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cg14562851	8.57E-09	8.35E-10	6.46	11.3992444	4.98E-02	12660012	12660135	NC_000001.10
cg23752086	8.58E-09	8.36E-10	6.46	11.3981199	1.58E-01	20522177	20522300	NC_000012.11
cg23489627	8.58E-09	8.36E-10	6.46	11.3978137	1.22E-01	73674339	73674462	NC_000003.11
cg26780138	8.59E-09	8.37E-10	6.45	11.3967176	1.77E-01	477087	477210	NC_000016.9
cg17453671	8.61E-09	8.38E-10	6.45	11.3951465	4.13E-02	207109202	207109325	NC_000001.10
cg18932809	8.61E-09	8.39E-10	6.45	11.3946444	1.76E-01	130686826	130686949	NC_000006.11
cg07703364	8.61E-09	8.39E-10	6.45	11.3945915	2.20E-02	6992514	6992637	NC_000012.11
cg07413251	8.62E-09	8.40E-10	6.45	11.3933832	1.91E-01	27771667	27771790	NC_000003.11
cg02770983	8.63E-09	8.40E-10	6.45	11.3926944	1.37E-01	31822341	31822464	NC_000011.9
cg23526676	8.63E-09	8.41E-10	6.45	11.3925905	8.48E-02	31734458	31734581	NC_000006.11
cg15135914	8.63E-09	8.41E-10	6.45	11.392532	1.97E-02	65430544	65430667	NC_000011.9
cg24875029	8.63E-09	8.41E-10	6.45	11.3924714	1.43E-01	105471438	105471561	NC_000002.11
cg16664523	8.63E-09	8.41E-10	6.45	11.3924687	1.70E-01	67586170	67586293	NC_000005.9
cg14657728	8.63E-09	8.41E-10	6.45	11.3920034	2.20E-01	130498701	130498824	NC_000012.11
cg01308258	8.63E-09	8.41E-10	6.45	11.391749	1.22E-01	124783243	124783366	NC_000002.11
cg07351192	8.64E-09	8.42E-10	6.45	11.391292	1.42E-01	5137773	5137896	NC_000003.11
cg03345448	8.64E-09	8.42E-10	6.45	11.3909301	1.16E-01	40722516	40722639	NC_000006.11
cg23300486	8.65E-09	8.43E-10	6.45	11.3893431	1.98E-01	103294375	103294498	NC_000014.8
cg14716686	8.66E-09	8.44E-10	6.45	11.3885533	1.27E-01	30452862	30452985	NC_000021.8
cg14074052	8.67E-09	8.45E-10	6.45	11.3869809	1.25E-01	22094226	22094349	NC_000012.11

cg22587479	8.67E-09	8.46E-10	6.45	11.3866998	1.22E-01	219738226	219738349	NC_000002.11
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cg04037640	8.68E-09	8.47E-10	6.45	11.3854518	9.93E-02	32065034	32065157	NC_000006.11
cg14921743	8.68E-09	8.47E-10	6.45	11.3854489	2.29E-01	44650449	44650572	NC_000020.10
cg05628390	8.69E-09	8.47E-10	6.45	11.3845697	4.49E-02	2259411	2259534	NC_000001.10
cg04755999	8.69E-09	8.48E-10	6.45	11.3844862	5.46E-02	39274491	39274614	NC_000017.10
cg14297966	8.70E-09	8.48E-10	6.45	11.3840445	6.94E-02	35101708	35101831	NC_000009.11
cg09885735	8.70E-09	8.49E-10	6.45	11.3831399	1.69E-01	60297747	60297870	NC_000015.9
cg07967630	8.71E-09	8.49E-10	6.45	11.3826894	1.16E-01	58149317	58149440	NC_000006.11
cg08344360	8.72E-09	8.51E-10	6.45	11.3808981	9.51E-02	34701049	34701172	NC_000009.11
cg02868244	8.72E-09	8.51E-10	6.45	11.3807803	6.07E-02	134855441	134855564	NC_000010.10
cg12748607	8.74E-09	8.53E-10	6.45	11.3786713	1.94E-01	40678691	40678814	NC_000002.11
cg05371438	8.76E-09	8.54E-10	6.45	11.3769677	9.14E-02	184234	184357	NC_000012.11
cg24336989	8.76E-09	8.55E-10	6.45	11.3758768	1.78E-01	10385903	10386026	NC_000006.11
cg19276343	8.76E-09	8.55E-10	6.45	11.3758143	9.90E-02	41303922	41304045	NC_000001.10
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cg07481380	8.77E-09	8.56E-10	6.45	11.3749731	5.22E-02	3834519	3834642	NC_000019.9
cg11365913	8.77E-09	8.56E-10	6.45	11.3745551	1.40E-01	19318160	19318283	NC_000008.10
cg19181160	8.78E-09	8.57E-10	6.45	11.3740792	3.27E-02	3187593	3187716	NC_000011.9
cg08784934	8.78E-09	8.57E-10	6.45	11.3738059	6.65E-02	664994	665117	NC_000010.10
cg24468955	8.79E-09	8.58E-10	6.45	11.3728649	5.73E-02	90577545	90577668	NC_000008.10
cg21602520	8.79E-09	8.58E-10	6.45	11.3723362	1.40E-01	60985380	60985503	NC_000018.9
cg23350350	8.80E-09	8.59E-10	6.45	11.3718367	1.48E-01	16652008	16652131	NC_000008.10
cg25185429	8.80E-09	8.59E-10	6.45	11.3718084	5.49E-02	4739461	4739584	NC_000003.11
cg22231400	8.80E-09	8.59E-10	6.45	11.3716431	1.01E-01	49935823	49935946	NC_000019.9

cg09736669	8.81E-09	8.60E-10	6.45	11.3704654	1.55E-01	1851828	1851951	NC_000005.9
cg22530255	8.81E-09	8.60E-10	6.45	11.3698924	5.95E-02	3051692	3051815	NC_000001.10
cg02543772	8.82E-09	8.61E-10	6.45	11.3691201	1.72E-01	128850630	128850753	NC_000012.11
cg19115272	8.82E-09	8.61E-10	6.45	11.3690731	1.46E-01	30139538	30139661	NC_000006.11
cg09493063	8.82E-09	8.61E-10	6.45	11.3687298	2.71E-01	142494985	142495108	NC_000007.13
cg13300509	8.82E-09	8.61E-10	6.45	11.3685996	9.54E-02	57146833	57146956	NC_000012.11
cg10743378	8.84E-09	8.63E-10	6.45	11.3668262	5.54E-02	102028800	102028923	NC_000010.10
cg15829006	8.85E-09	8.64E-10	6.45	11.3655696	1.37E-01	137967652	137967775	NC_000009.11
cg27343616	8.86E-09	8.65E-10	6.45	11.3644995	9.78E-02	17207697	17207820	NC_000020.10
cg21596825	8.88E-09	8.67E-10	6.45	11.3625391	1.13E-01	3818723	3818846	NC_000002.11
cg17522727	8.89E-09	8.68E-10	6.45	11.3610663	1.59E-01	794867	794990	NC_000011.9
cg23675401	8.89E-09	8.68E-10	6.45	11.3608271	9.77E-02	4867481	4867604	NC_000004.11
cg00002809	8.91E-09	8.70E-10	6.45	11.3589705	3.31E-02	76482353	76482476	NC_000017.10
cg17633170	8.92E-09	8.71E-10	6.45	11.3580191	1.32E-01	131217151	131217274	NC_000012.11
cg23801969	8.92E-09	8.72E-10	6.45	11.3570698	7.44E-02	39051805	39051928	NC_000019.9
cg04920270	8.96E-09	8.76E-10	6.45	11.3523532	1.39E-01	112832249	112832372	NC_000011.9
cg16710124	8.97E-09	8.76E-10	6.45	11.3518484	7.62E-02	44716058	44716181	NC_000001.10
cg09420412	8.97E-09	8.76E-10	6.45	11.351598	8.60E-02	14683948	14684071	NC_000017.10
cg11052202	8.97E-09	8.77E-10	6.45	11.3515344	1.63E-01	99290546	99290669	NC_000006.11
cg07005778	8.97E-09	8.77E-10	6.45	11.3514095	1.42E-01	188953586	188953709	NC_000004.11
cg02601140	8.98E-09	8.78E-10	6.45	11.3500345	1.16E-01	63250517	63250640	NC_000007.13
cg13787438	8.98E-09	8.78E-10	6.45	11.3500247	1.55E-01	26664115	26664238	NC_000003.11
cg12661427	9.00E-09	8.80E-10	6.45	11.3479316	2.56E-02	44437166	44437289	NC_000001.10
cg11147215	9.00E-09	8.80E-10	6.45	11.3478807	8.64E-02	105379726	105379849	NC_000008.10
cg01460694	9.01E-09	8.80E-10	6.45	11.3471933	2.83E-02	97477428	97477551	NC_000002.11

cg03979754	9.01E-09	8.81E-10	6.45	11.346934	1.44E-01	110703460	110703583	NC_000008.10
cg04588165	9.03E-09	8.83E-10	6.45	11.3442851	1.89E-01	35300874	35300997	NC_000017.10
cg11858450	9.04E-09	8.84E-10	6.44	11.343703	1.15E-01	15132184	15132307	NC_000019.9
cg07962128	9.04E-09	8.84E-10	6.44	11.3431808	1.77E-01	37004812	37004935	NC_000013.10
cg06804433	9.04E-09	8.84E-10	6.44	11.3430916	1.69E-01	50682485	50682608	NC_000006.11
cg15819780	9.05E-09	8.84E-10	6.44	11.3427721	1.13E-01	53038915	53039038	NC_000017.10
cg21488538	9.06E-09	8.86E-10	6.44	11.3413137	1.71E-01	98964436	98964559	NC_000002.11
cg00547441	9.07E-09	8.87E-10	6.44	11.3400915	1.63E-01	50344724	50344847	NC_000007.13
cg09560096	9.07E-09	8.87E-10	6.44	11.339988	8.06E-02	219527018	219527141	NC_000002.11
cg19043574	9.08E-09	8.88E-10	6.44	11.3390075	1.18E-01	99439533	99439656	NC_000002.11
cg06877669	9.09E-09	8.89E-10	6.44	11.3381681	1.57E-01	25904216	25904339	NC_000008.10
cg08160862	9.12E-09	8.92E-10	6.44	11.3348135	2.03E-02	1270137	1270260	NC_000001.10
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cg24156796	9.14E-09	8.94E-10	6.44	11.3319858	1.35E-01	114029646	114029769	NC_000012.11
cg11597832	9.14E-09	8.95E-10	6.44	11.3315501	1.13E-01	105993747	105993870	NC_000014.8
cg23546750	9.15E-09	8.95E-10	6.44	11.3313501	1.47E-01	3716787	3716910	NC_000020.10
cg27157619	9.15E-09	8.95E-10	6.44	11.3307732	6.94E-02	74714463	74714586	NC_000015.9
cg21580016	9.15E-09	8.96E-10	6.44	11.3304293	6.04E-02	121887392	121887515	NC_000012.11
cg16946687	9.16E-09	8.96E-10	6.44	11.3298322	9.84E-02	133172465	133172588	NC_000012.11
cg08056990	9.17E-09	8.97E-10	6.44	11.3292048	2.61E-02	800186	800309	NC_000011.9
cg15825311	9.18E-09	8.98E-10	6.44	11.3281015	1.97E-02	49948429	49948552	NC_000003.11
cg14920503	9.19E-09	8.99E-10	6.44	11.3268575	4.83E-02	45429155	45429278	NC_000021.8
cg10615150	9.19E-09	8.99E-10	6.44	11.3265414	1.69E-01	30582838	30582961	NC_000020.10
cg04462627	9.19E-09	9.00E-10	6.44	11.325917	2.13E-01	58019123	58019246	NC_000016.9

cg14614314	9.21E-09	9.01E-10	6.44	11.3245699	2.18E-01	135150428	135150551	NC_000010.10
cg26477573	9.22E-09	9.02E-10	6.44	11.3230323	2.17E-01	15342915	15343038	NC_000019.9
cg17167253	9.23E-09	9.03E-10	6.44	11.3219317	1.35E-01	119603383	119603506	NC_000002.11
cg07602571	9.23E-09	9.03E-10	6.44	11.3218707	4.36E-02	77644868	77644991	NC_000007.13
cg13340245	9.23E-09	9.04E-10	6.44	11.3214909	2.29E-02	239333713	239333836	NC_000002.11
cg10778441	9.24E-09	9.05E-10	6.44	11.3206359	1.53E-01	35293279	35293402	NC_000007.13
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cg15843929	9.25E-09	9.06E-10	6.44	11.3190931	1.05E-01	59182305	59182428	NC_000002.11
cg11197015	9.26E-09	9.06E-10	6.44	11.3187965	1.61E-01	133795796	133795919	NC_000010.10
cg21105319	9.27E-09	9.08E-10	6.44	11.316994	2.00E-02	118307072	118307195	NC_000011.9
cg00216061	9.28E-09	9.09E-10	6.44	11.3163305	5.96E-02	88547579	88547702	NC_000016.9
cg07892785	9.28E-09	9.09E-10	6.44	11.3160534	2.34E-01	39851788	39851911	NC_000003.11
cg24431667	9.28E-09	9.09E-10	6.44	11.3157635	1.33E-01	2162387	2162510	NC_000011.9
cg13973086	9.31E-09	9.12E-10	6.44	11.3127937	1.29E-01	469105	469228	NC_000002.11
cg12978433	9.31E-09	9.12E-10	6.44	11.3121426	1.85E-01	52789956	52790079	NC_000020.10
cg13448092	9.32E-09	9.14E-10	6.44	11.3110297	1.39E-01	181135878	181136001	NC_000003.11
cg07462053	9.32E-09	9.14E-10	6.44	11.310906	8.72E-02	32712829	32712952	NC_000021.8
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cg25717239	9.34E-09	9.16E-10	6.44	11.3087327	1.64E-01	43153595	43153718	NC_000007.13
cg14043803	9.35E-09	9.16E-10	6.44	11.3081942	7.55E-02	3627796	3627919	NC_000010.10
cg04083466	9.36E-09	9.17E-10	6.44	11.3074079	9.97E-02	25753732	25753855	NC_000006.11
cg12699044	9.36E-09	9.17E-10	6.44	11.3073922	3.54E-02	113703999	113704122	NC_000012.11
cg26293182	9.40E-09	9.22E-10	6.44	11.3022371	1.74E-01	57389779	57389902	NC_000010.10
cg11930908	9.42E-09	9.23E-10	6.44	11.3007061	1.60E-01	23500752	23500875	NC_000013.10
cg10390435	9.42E-09	9.23E-10	6.44	11.300482	6.07E-02	142368026	142368149	NC_000008.10



cg04470984	9.42E-09	9.24E-10	6.44	11.3000194	7.14E-02	100692757	100692880	NC_000011.9
cg16423505	9.43E-09	9.24E-10	6.44	11.2996539	2.31E-01	92051400	92051523	NC_000013.10
cg21537383	9.43E-09	9.25E-10	6.44	11.2992468	2.03E-01	22034799	22034922	NC_000019.9
cg03586793	9.45E-09	9.26E-10	6.44	11.2976352	1.20E-01	104312558	104312681	NC_000014.8
cg22070406	9.45E-09	9.26E-10	6.44	11.2975305	1.47E-01	55019708	55019831	NC_000018.9
cg03563308	9.45E-09	9.27E-10	6.44	11.2965935	1.69E-01	56887279	56887402	NC_000018.9
cg05619622	9.51E-09	9.33E-10	6.43	11.2907787	5.83E-02	62365104	62365227	NC_000011.9
cg16307674	9.51E-09	9.33E-10	6.43	11.290729	1.86E-01	155170868	155170991	NC_000007.13
cg26811065	9.51E-09	9.33E-10	6.43	11.2906811	4.34E-02	32825360	32825483	NC_000006.11
cg11354906	9.51E-09	9.33E-10	6.43	11.2900625	1.92E-01	154710371	154710494	NC_000004.11
cg23737208	9.52E-09	9.34E-10	6.43	11.2896033	6.45E-02	25499464	25499587	NC_000006.11
cg15962336	9.52E-09	9.34E-10	6.43	11.2891603	9.19E-02	53932577	53932700	NC_000001.10
cg02155658	9.53E-09	9.35E-10	6.43	11.2884725	1.64E-01	21690036	21690159	NC_000020.10
cg21815258	9.53E-09	9.35E-10	6.43	11.2884537	3.58E-02	1336833	1336956	NC_000005.9
cg07871971	9.56E-09	9.38E-10	6.43	11.2852216	5.21E-02	40839766	40839889	NC_000017.10
cg01962676	9.56E-09	9.38E-10	6.43	11.2851346	1.79E-01	18436969	18437092	NC_000001.10
cg27030744	9.56E-09	9.38E-10	6.43	11.2846864	3.88E-02	44496130	44496253	NC_000006.11
cg23286081	9.57E-09	9.39E-10	6.43	11.2841367	4.82E-02	125775778	125775901	NC_000010.10
cg07519873	9.57E-09	9.39E-10	6.43	11.2838451	1.85E-01	54483188	54483311	NC_000019.9
cg24040751	9.58E-09	9.40E-10	6.43	11.2831156	3.10E-02	56661627	56661750	NC_000014.8
cg20014304	9.58E-09	9.41E-10	6.43	11.2823924	3.35E-02	79804327	79804450	NC_000017.10
cg16666329	9.60E-09	9.42E-10	6.43	11.2806334	1.28E-01	76932526	76932649	NC_000005.9
cg12145018	9.60E-09	9.42E-10	6.43	11.2806023	6.84E-02	103912507	103912630	NC_000014.8
cg25603409	9.61E-09	9.43E-10	6.43	11.2796275	3.72E-02	50532834	50532957	NC_000019.9
cg04599946	9.62E-09	9.44E-10	6.43	11.2783756	1.51E-01	85936480	85936603	NC_000016.9

cg02721902	9.62E-09	9.45E-10	6.43	11.2781904	1.17E-01	46825371	46825494	NC_000017.10
cg06344952	9.64E-09	9.47E-10	6.43	11.2760547	4.38E-02	50707292	50707415	NC_000016.9
cg24085946	9.66E-09	9.49E-10	6.43	11.2741787	1.65E-01	204797839	204797962	NC_000001.10
cg01611862	9.67E-09	9.49E-10	6.43	11.2736722	1.29E-01	36982649	36982772	NC_000014.8
cg10341154	9.67E-09	9.50E-10	6.43	11.2728682	1.98E-01	164265442	164265565	NC_000004.11
cg21184206	9.68E-09	9.50E-10	6.43	11.2726783	8.22E-02	181769759	181769882	NC_000002.11
cg09271157	9.68E-09	9.50E-10	6.43	11.2726251	1.18E-01	122217376	122217499	NC_000010.10
cg09012411	9.68E-09	9.50E-10	6.43	11.2726195	1.00E-01	95167783	95167906	NC_000001.10
cg13951490	9.68E-09	9.51E-10	6.43	11.2721024	8.84E-02	140799290	140799413	NC_000005.9
cg05893614	9.68E-09	9.51E-10	6.43	11.2718311	1.86E-01	68981956	68982079	NC_000003.11
cg05099596	9.69E-09	9.52E-10	6.43	11.2710143	1.09E-01	108604750	108604873	NC_000002.11
cg14089267	9.70E-09	9.53E-10	6.43	11.2697589	1.37E-01	23412409	23412532	NC_000013.10
cg08005774	9.76E-09	9.59E-10	6.43	11.2636652	1.27E-01	18434106	18434229	NC_000001.10
cg07622877	9.76E-09	9.59E-10	6.43	11.2633298	1.00E-01	26434164	26434287	NC_000004.11
cg08996459	9.77E-09	9.59E-10	6.43	11.2631628	1.12E-01	125617230	125617353	NC_000010.10
cg14517390	9.77E-09	9.60E-10	6.43	11.2622395	2.94E-02	78463330	78463453	NC_000015.9
cg08276295	9.78E-09	9.61E-10	6.43	11.2617032	1.84E-01	27017174	27017297	NC_000015.9
cg09309112	9.78E-09	9.61E-10	6.43	11.2615685	6.14E-02	53571325	53571448	NC_000017.10
cg02853497	9.78E-09	9.61E-10	6.43	11.2613591	1.27E-01	46113000	46113123	NC_000001.10
cg25905674	9.78E-09	9.61E-10	6.43	11.2610789	2.21E-01	43047856	43047979	NC_000017.10
cg00512279	9.79E-09	9.62E-10	6.43	11.2604003	1.60E-01	119000991	119001114	NC_000010.10
cg01735384	9.79E-09	9.62E-10	6.43	11.2602076	1.97E-01	28603292	28603415	NC_000006.11
cg27310319	9.80E-09	9.63E-10	6.43	11.2593935	1.89E-01	160975978	160976101	NC_000005.9
cg21350073	9.80E-09	9.63E-10	6.43	11.2590323	6.60E-02	138724834	138724957	NC_000003.11
cg04061117	9.81E-09	9.64E-10	6.43	11.2582204	1.40E-01	9594385	9594508	NC_000003.11

cg20140110	9.82E-09	9.65E-10	6.43	11.2577306	1.81E-01	29936845	29936968	NC_000012.11
cg00132008	9.82E-09	9.65E-10	6.43	11.2573783	3.43E-02	8752348	8752471	NC_000008.10
cg20095233	9.83E-09	9.66E-10	6.43	11.2563064	1.88E-01	118033902	118034025	NC_000010.10
cg04157263	9.83E-09	9.67E-10	6.43	11.2556743	1.46E-01	37752991	37753114	NC_000017.10
cg13264018	9.84E-09	9.67E-10	6.43	11.2553259	3.58E-02	127788509	127788632	NC_000003.11
cg13402635	9.85E-09	9.68E-10	6.43	11.2543913	1.37E-01	97669802	97669925	NC_000009.11
cg03808577	9.85E-09	9.68E-10	6.43	11.2541433	1.06E-01	100219429	100219552	NC_000007.13
cg02829680	9.85E-09	9.68E-10	6.43	11.2541227	1.57E-01	21086336	21086459	NC_000020.10
cg15251598	9.85E-09	9.69E-10	6.43	11.2535783	1.31E-01	131731416	131731539	NC_000010.10
cg23262218	9.86E-09	9.69E-10	6.43	11.2530701	1.41E-01	101290270	101290393	NC_000010.10
cg05724271	9.88E-09	9.71E-10	6.43	11.2510741	8.21E-02	8151066	8151189	NC_000007.13
cg19549469	9.91E-09	9.75E-10	6.43	11.2476915	1.89E-02	45668950	45669073	NC_000012.11
cg03610852	9.91E-09	9.75E-10	6.43	11.2474065	1.83E-01	65287050	65287173	NC_000008.10
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cg20050826	9.97E-09	9.81E-10	6.43	11.2415474	1.08E-01	52995295	52995418	NC_000012.11
cg01448155	9.97E-09	9.81E-10	6.43	11.241113	3.32E-02	3564782	3564905	NC_000010.10
cg24989962	9.98E-09	9.81E-10	6.43	11.2409058	1.58E-01	52734286	52734409	NC_000014.8
cg06958563	9.98E-09	9.82E-10	6.43	11.2407083	1.55E-01	87980911	87981034	NC_000005.9
cg22727965	1.00E-08	9.84E-10	6.43	11.2385119	1.05E-01	25898770	25898893	NC_000007.13
cg06951677	1.00E-08	9.84E-10	6.43	11.2384775	1.20E-01	221061837	221061960	NC_000001.10
cg14628260	1.00E-08	9.84E-10	6.43	11.2381934	9.70E-02	10449096	10449219	NC_000008.10
cg26301143	1.00E-08	9.85E-10	6.42	11.2375233	2.76E-02	52430120	52430243	NC_000006.11
cg00708580	1.00E-08	9.85E-10	6.42	11.2369472	1.98E-02	239333832	239333955	NC_000002.11

cg01050266	1.00E-08	9.86E-10	6.42	11.2361375	9.39E-02	239948729	239948852	NC_000002.11
cg00489485	1.00E-08	9.86E-10	6.42	11.2359633	7.29E-02	84341364	84341487	NC_000016.9
cg15556599	1.00E-08	9.86E-10	6.42	11.2358911	8.75E-02	44733804	44733927	NC_000011.9
cg04057674	1.00E-08	9.87E-10	6.42	11.235749	5.77E-02	50708021	50708144	NC_000016.9
cg24100636	1.00E-08	9.89E-10	6.42	11.2334176	1.51E-01	3600087	3600210	NC_000012.11
cg23657185	1.01E-08	9.89E-10	6.42	11.2330018	2.05E-01	99272559	99272682	NC_000006.11
cg07370959	1.01E-08	9.90E-10	6.42	11.2324239	3.80E-02	51434293	51434416	NC_000001.10
cg02305377	1.01E-08	9.90E-10	6.42	11.2320503	1.84E-01	103355958	103356081	NC_000012.11
cg18129621	1.01E-08	9.91E-10	6.42	11.2310237	1.72E-01	29875991	29876114	NC_000022.10
cg15120882	1.01E-08	9.91E-10	6.42	11.2308613	6.46E-02	122257644	122257767	NC_000012.11
cg15473155	1.01E-08	9.91E-10	6.42	11.230834	1.01E-01	57349204	57349327	NC_000019.9
cg21387147	1.01E-08	9.93E-10	6.42	11.2291932	6.05E-02	43888271	43888394	NC_000001.10
cg12582965	1.01E-08	9.94E-10	6.42	11.2287955	9.29E-02	25972328	25972451	NC_000015.9
cg21997555	1.01E-08	9.94E-10	6.42	11.2283572	2.02E-02	78157897	78158020	NC_000017.10
cg07150445	1.01E-08	9.95E-10	6.42	11.2271757	1.19E-01	29235448	29235571	NC_000014.8
cg01657380	1.01E-08	9.97E-10	6.42	11.2258024	2.21E-02	53901523	53901646	NC_000012.11
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cg26724798	1.01E-08	9.97E-10	6.42	11.2249348	5.64E-02	113844828	113844951	NC_000011.9
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cg27505472	1.02E-08	1.00E-09	6.42	11.2212491	1.92E-02	121036705	121036828	NC_000002.11
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cg11312087	1.02E-08	1.00E-09	6.42	11.2194554	1.30E-01	100944053	100944176	NC_000013.10
cg00849713	1.02E-08	1.00E-09	6.42	11.2183322	1.54E-01	166267744	166267867	NC_000006.11
cg00531453	1.02E-08	1.00E-09	6.42	11.2181602	9.08E-02	123673926	123674049	NC_000007.13
cg01320748	1.02E-08	1.01E-09	6.42	11.2163965	8.55E-02	105681962	105682085	NC_000004.11

cg03131298	1.02E-08	1.01E-09	6.42	11.2163016	1.15E-01	31580889	31581012	NC_000016.9
cg15909981	1.03E-08	1.01E-09	6.42	11.2121759	1.19E-01	37465178	37465301	NC_000022.10
cg04735481	1.03E-08	1.01E-09	6.42	11.2121248	7.97E-02	90172816	90172939	NC_000016.9
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cg25361850	1.03E-08	1.01E-09	6.42	11.2098694	1.22E-01	52391789	52391912	NC_000019.9
cg09515921	1.03E-08	1.01E-09	6.42	11.2093672	1.12E-01	221057558	221057681	NC_000001.10
cg17031926	1.03E-08	1.02E-09	6.42	11.2072183	1.22E-01	99830489	99830612	NC_000004.11
cg01550017	1.03E-08	1.02E-09	6.42	11.206852	7.96E-02	42924215	42924338	NC_000005.9
cg06333307	1.03E-08	1.02E-09	6.42	11.2064448	1.21E-01	43934146	43934269	NC_000013.10
cg12386721	1.03E-08	1.02E-09	6.42	11.2061796	1.21E-01	68265892	68266015	NC_000011.9
cg23589617	1.03E-08	1.02E-09	6.42	11.2058278	1.71E-01	43600728	43600851	NC_000011.9
cg23368787	1.03E-08	1.02E-09	6.42	11.2051041	9.46E-02	36049342	36049465	NC_000019.9
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cg19988449	1.03E-08	1.02E-09	6.42	11.2042415	1.73E-01	83952808	83952931	NC_000015.9
cg11811513	1.04E-08	1.02E-09	6.42	11.202304	1.81E-01	185462408	185462531	NC_000002.11
cg10997627	1.04E-08	1.02E-09	6.42	11.2000777	1.53E-01	97363080	97363203	NC_000007.13
cg00461685	1.04E-08	1.02E-09	6.42	11.1996816	9.10E-02	74198210	74198333	NC_000008.10
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cg16227072	1.04E-08	1.02E-09	6.42	11.1990624	4.88E-02	77320503	77320626	NC_000011.9
cg11684930	1.04E-08	1.03E-09	6.42	11.1981041	1.16E-01	135000940	135001063	NC_000010.10
cg26390156	1.04E-08	1.03E-09	6.42	11.1980372	1.14E-01	24101543	24101666	NC_000014.8
cg25381737	1.04E-08	1.03E-09	6.42	11.1974693	6.28E-02	111022774	111022897	NC_000001.10
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cg10398682	1.04E-08	1.03E-09	6.42	11.1970803	1.15E-01	83952019	83952142	NC_000015.9
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cg21554569	1.04E-08	1.03E-09	6.42	11.1945907	7.48E-02	52586721	52586844	NC_000005.9
cg17393267	1.04E-08	1.03E-09	6.42	11.1945765	1.98E-01	192127356	192127479	NC_000003.11
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cg12817107	1.04E-08	1.03E-09	6.42	11.1930502	1.57E-01	157013368	157013491	NC_000002.11
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cg27408184	1.04E-08	1.03E-09	6.42	11.1919417	8.25E-02	8015494	8015617	NC_000017.10
cg07580827	1.05E-08	1.03E-09	6.42	11.1915853	4.20E-02	111943186	111943309	NC_000011.9
cg11205072	1.05E-08	1.03E-09	6.42	11.1907617	2.21E-01	28510306	28510429	NC_000006.11
cg15404858	1.05E-08	1.03E-09	6.42	11.1905875	1.54E-01	21495476	21495599	NC_000020.10
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cg02957173	1.05E-08	1.04E-09	6.42	11.1859808	6.02E-02	208196958	208197081	NC_000002.11
cg07897169	1.05E-08	1.04E-09	6.42	11.1855114	1.53E-01	85549951	85550074	NC_000016.9
cg02613624	1.05E-08	1.04E-09	6.42	11.1851934	9.05E-02	2154386	2154509	NC_000011.9
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cg01881966	1.05E-08	1.04E-09	6.41	11.1827096	7.80E-02	177504062	177504185	NC_000002.11
cg27293357	1.05E-08	1.04E-09	6.41	11.1820441	1.15E-01	241174071	241174194	NC_000001.10

cg07814541	1.06E-08	1.04E-09	6.41	11.1814045	8.59E-02	71329680	71329803	NC_000005.9
cg08428452	1.06E-08	1.04E-09	6.41	11.1813	1.41E-01	20255343	20255466	NC_000004.11
cg12601933	1.06E-08	1.04E-09	6.41	11.1798782	1.08E-01	12248895	12249018	NC_000001.10
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cg27580689	1.06E-08	1.05E-09	6.41	11.1791332	1.05E-01	115939651	115939774	NC_000010.10
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cg13614286	1.06E-08	1.05E-09	6.41	11.1754939	1.00E-01	131038327	131038450	NC_000009.11
cg16555417	1.06E-08	1.05E-09	6.41	11.1744189	1.38E-01	40598772	40598895	NC_000001.10
cg17035770	1.06E-08	1.05E-09	6.41	11.1742262	1.53E-01	657538	657661	NC_000004.11
cg14430151	1.06E-08	1.05E-09	6.41	11.173176	1.26E-01	8440600	8440723	NC_000004.11
cg13237147	1.06E-08	1.05E-09	6.41	11.1728399	4.72E-02	188745304	188745427	NC_000003.11
cg27034576	1.06E-08	1.05E-09	6.41	11.1725483	1.67E-01	118031654	118031777	NC_000010.10
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cg17222000	1.07E-08	1.06E-09	6.41	11.1699717	9.41E-02	168937817	168937940	NC_000004.11
cg21503275	1.07E-08	1.06E-09	6.41	11.1694764	8.62E-02	68944441	68944564	NC_000014.8
cg00840960	1.07E-08	1.06E-09	6.41	11.1688181	1.85E-01	148034030	148034153	NC_000005.9
cg24405381	1.07E-08	1.06E-09	6.41	11.1678873	1.06E-01	52464193	52464316	NC_000001.10
cg26015416	1.07E-08	1.06E-09	6.41	11.1677339	1.43E-01	108023482	108023605	NC_000001.10
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cg04974913	1.07E-08	1.06E-09	6.41	11.1656659	1.22E-01	13839662	13839785	NC_000001.10
cg13439463	1.07E-08	1.06E-09	6.41	11.1655446	2.84E-02	100566588	100566711	NC_000009.11
cg16719466	1.07E-08	1.06E-09	6.41	11.1653194	1.73E-01	32338569	32338692	NC_000007.13
cg07555084	1.07E-08	1.06E-09	6.41	11.1642411	9.54E-02	27186199	27186322	NC_000006.11
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cg12666279	1.07E-08	1.06E-09	6.41	11.1639631	2.22E-01	115918745	115918868	NC_000002.11
cg06306198	1.07E-08	1.06E-09	6.41	11.1638659	1.31E-01	147128998	147129121	NC_000003.11
cg12303582	1.07E-08	1.06E-09	6.41	11.1638583	1.48E-01	3169516	3169639	NC_000010.10
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cg21869586	1.07E-08	1.06E-09	6.41	11.1618386	1.57E-01	3197992	3198115	NC_000005.9
cg15301316	1.08E-08	1.06E-09	6.41	11.1610342	1.49E-01	23461580	23461703	NC_000010.10
cg21607141	1.08E-08	1.06E-09	6.41	11.1608861	8.98E-02	119722917	119723040	NC_000004.11
cg16857858	1.08E-08	1.07E-09	6.41	11.1605638	2.40E-01	27213984	27214107	NC_000007.13
cg13365591	1.08E-08	1.07E-09	6.41	11.160163	1.12E-01	133930663	133930786	NC_000010.10
cg01490578	1.08E-08	1.07E-09	6.41	11.1583421	1.09E-01	148248077	148248200	NC_000001.10
cg08267489	1.08E-08	1.07E-09	6.41	11.1583305	1.97E-01	166400656	166400779	NC_000006.11
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cg02979923	1.08E-08	1.07E-09	6.41	11.1576645	1.73E-01	17207337	17207460	NC_000020.10
cg22251569	1.08E-08	1.07E-09	6.41	11.1575524	1.66E-01	22562236	22562359	NC_000008.10
cg17392043	1.08E-08	1.07E-09	6.41	11.1563149	6.13E-02	188495102	188495225	NC_000003.11
cg14263924	1.08E-08	1.07E-09	6.41	11.1562645	3.12E-02	33163202	33163325	NC_000006.11
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cg03659340	1.08E-08	1.07E-09	6.41	11.1550114	1.49E-01	73555254	73555377	NC_000017.10
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cg26525127	1.08E-08	1.07E-09	6.41	11.1544503	2.15E-01	233350365	233350488	NC_000002.11
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cg26660002	1.08E-08	1.07E-09	6.41	11.1532769	1.74E-01	154729763	154729886	NC_000002.11
cg26199445	1.08E-08	1.07E-09	6.41	11.153008	9.47E-02	134844771	134844894	NC_000010.10
cg23353952	1.08E-08	1.07E-09	6.41	11.1518994	1.53E-01	29876945	29877068	NC_000022.10
cg00305878	1.09E-08	1.08E-09	6.41	11.1509875	6.97E-02	45694301	45694424	NC_000010.10
cg26185859	1.09E-08	1.08E-09	6.41	11.150025	1.29E-01	60691266	60691389	NC_000002.11
cg04521510	1.09E-08	1.08E-09	6.41	11.1493173	1.92E-01	27242044	27242167	NC_000007.13
cg18661205	1.09E-08	1.08E-09	6.41	11.1481308	2.00E-01	140613884	140614007	NC_000005.9
cg12942690	1.09E-08	1.08E-09	6.41	11.1478965	4.31E-02	123957029	123957152	NC_000012.11
cg19696103	1.09E-08	1.08E-09	6.41	11.1476185	6.84E-02	132354130	132354253	NC_000005.9
cg06127801	1.09E-08	1.08E-09	6.41	11.1472354	1.31E-01	239625367	239625490	NC_000002.11
cg26585560	1.09E-08	1.08E-09	6.41	11.1472075	1.42E-01	139509708	139509831	NC_000008.10
cg03542938	1.09E-08	1.08E-09	6.41	11.146547	1.14E-01	62677009	62677132	NC_000020.10
cg03638905	1.09E-08	1.08E-09	6.41	11.1462191	1.05E-01	72595625	72595748	NC_000005.9
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cg20346284	1.09E-08	1.08E-09	6.41	11.1440853	1.08E-01	3280503	3280626	NC_000006.11
cg18723341	1.09E-08	1.09E-09	6.41	11.1425755	8.29E-02	2141614	2141737	NC_000003.11
cg22038700	1.09E-08	1.09E-09	6.41	11.1425078	5.02E-02	62654536	62654659	NC_000015.9
cg06398881	1.10E-08	1.09E-09	6.41	11.1416862	6.23E-02	28035524	28035647	NC_000022.10
cg02380585	1.10E-08	1.09E-09	6.41	11.1413144	1.48E-01	33776683	33776806	NC_000017.10
cg01263407	1.10E-08	1.09E-09	6.41	11.1412477	9.70E-02	8138058	8138181	NC_000010.10
cg05310990	1.10E-08	1.09E-09	6.41	11.1411611	1.27E-01	21106043	21106166	NC_000019.9

cg07181528	1.10E-08	1.09E-09	6.41	11.1404819	8.96E-02	14552306	14552429	NC_000016.9
cg08768435	1.10E-08	1.09E-09	6.41	11.140384	5.70E-02	84215035	84215158	NC_000016.9
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cg05921820	1.10E-08	1.09E-09	6.41	11.1399712	3.68E-02	32141778	32141901	NC_000006.11
cg15143024	1.10E-08	1.09E-09	6.41	11.1399284	4.94E-02	91199642	91199765	NC_000007.13
cg02267483	1.10E-08	1.09E-09	6.41	11.1392499	1.41E-01	140810404	140810527	NC_000005.9
cg08016336	1.10E-08	1.09E-09	6.41	11.1389992	1.50E-01	41181318	41181441	NC_000004.11
cg02500806	1.10E-08	1.09E-09	6.41	11.1378965	2.54E-02	89349976	89350099	NC_000016.9
cg18983604	1.10E-08	1.09E-09	6.41	11.1377823	2.36E-01	1710516	1710639	NC_000007.13
cg13076829	1.10E-08	1.09E-09	6.41	11.1374148	1.09E-01	45530698	45530821	NC_000018.9
cg07829289	1.10E-08	1.09E-09	6.41	11.1365635	5.89E-02	158894390	158894513	NC_000005.9
cg10252600	1.10E-08	1.09E-09	6.41	11.1359337	6.31E-02	53897344	53897467	NC_000012.11
cg27642554	1.10E-08	1.09E-09	6.41	11.1358517	1.63E-01	146755622	146755745	NC_000006.11
cg21074959	1.10E-08	1.09E-09	6.41	11.134541	1.25E-01	203044287	203044410	NC_000002.11
cg24115032	1.10E-08	1.09E-09	6.41	11.1337698	1.27E-01	57089953	57090076	NC_000020.10
cg16052198	1.10E-08	1.10E-09	6.41	11.1335037	1.14E-01	52264411	52264534	NC_000019.9
cg00739139	1.11E-08	1.10E-09	6.41	11.1325529	6.91E-02	65233991	65234114	NC_000007.13
cg03495868	1.11E-08	1.10E-09	6.41	11.1325288	1.69E-01	78956905	78957028	NC_000001.10
cg25306277	1.11E-08	1.10E-09	6.4	11.1314902	1.26E-01	200003267	200003390	NC_000001.10
cg07382132	1.11E-08	1.10E-09	6.4	11.1314316	1.23E-01	101280887	101281010	NC_000010.10
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cg01750714	1.11E-08	1.10E-09	6.4	11.1300299	2.00E-01	119418367	119418490	NC_000012.11
cg07912003	1.11E-08	1.10E-09	6.4	11.1297462	1.07E-01	75797838	75797961	NC_000002.11
cg24830367	1.11E-08	1.10E-09	6.4	11.1284929	6.56E-02	108083606	108083729	NC_000012.11
cg06672696	1.11E-08	1.10E-09	6.4	11.1284303	1.40E-01	57774266	57774389	NC_000003.11

cg17214351	1.11E-08	1.10E-09	6.4	11.1278955	4.09E-02	3567533	3567656	NC_000004.11
cg01281904	1.11E-08	1.10E-09	6.4	11.1273789	1.12E-01	54164757	54164880	NC_000008.10
cg01501819	1.11E-08	1.11E-09	6.4	11.1242475	2.03E-01	49576200	49576323	NC_000019.9
cg08848774	1.11E-08	1.11E-09	6.4	11.1239325	2.38E-01	43047733	43047856	NC_000017.10
cg27047406	1.11E-08	1.11E-09	6.4	11.1234161	1.35E-01	55689534	55689657	NC_000016.9
cg15004938	1.12E-08	1.11E-09	6.4	11.1214718	7.57E-02	33195943	33196066	NC_000022.10
cg19091779	1.12E-08	1.11E-09	6.4	11.1212278	1.56E-01	13200089	13200212	NC_000012.11
cg17152135	1.12E-08	1.11E-09	6.4	11.1207923	4.36E-02	33381867	33381990	NC_000006.11
cg03171651	1.12E-08	1.11E-09	6.4	11.120709	7.35E-02	20409125	20409248	NC_000017.10
cg09544728	1.12E-08	1.11E-09	6.4	11.1192134	2.08E-01	601503	601626	NC_000007.13
cg23975975	1.12E-08	1.11E-09	6.4	11.1185278	1.40E-01	76192780	76192903	NC_000018.9
cg08463932	1.12E-08	1.11E-09	6.4	11.1182842	6.03E-02	31231488	31231611	NC_000001.10
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cg12559228	1.12E-08	1.11E-09	6.4	11.1173582	4.50E-02	50191882	50192005	NC_000019.9
cg17977173	1.12E-08	1.12E-09	6.4	11.115153	1.31E-01	129076335	129076458	NC_000002.11
cg18119885	1.12E-08	1.12E-09	6.4	11.1145906	1.94E-01	2617271	2617394	NC_000002.11
cg26292232	1.13E-08	1.12E-09	6.4	11.1122746	8.49E-02	74047853	74047976	NC_000010.10
cg25818292	1.13E-08	1.12E-09	6.4	11.1121	1.75E-01	22370758	22370881	NC_000021.8
cg13599062	1.13E-08	1.12E-09	6.4	11.1111883	6.36E-02	37985583	37985706	NC_000009.11
cg16209873	1.13E-08	1.12E-09	6.4	11.1105995	4.40E-02	6219739	6219862	NC_000011.9
cg12131906	1.13E-08	1.12E-09	6.4	11.1096684	1.28E-01	61360359	61360482	NC_000001.10
cg07217924	1.13E-08	1.12E-09	6.4	11.1096582	1.49E-01	18814078	18814201	NC_000011.9
cg09295573	1.13E-08	1.12E-09	6.4	11.1091578	1.71E-01	37245514	37245637	NC_000004.11

cg19741688	1.13E-08	1.12E-09	6.4	11.1087272	1.48E-01	70346849	70346972	NC_000014.8
cg27202641	1.13E-08	1.12E-09	6.4	11.1082736	1.09E-01	4383739	4383862	NC_000007.13
cg20021506	1.13E-08	1.13E-09	6.4	11.1060861	9.16E-02	156718546	156718669	NC_000006.11
cg18672939	1.13E-08	1.13E-09	6.4	11.1060179	2.35E-01	118032879	118033002	NC_000010.10
cg24362716	1.13E-08	1.13E-09	6.4	11.1045792	9.43E-02	1219189	1219312	NC_000011.9
cg12884605	1.14E-08	1.13E-09	6.4	11.1022114	1.26E-01	66123314	66123437	NC_000012.11
cg07468062	1.14E-08	1.13E-09	6.4	11.1020634	6.12E-02	128703912	128704035	NC_000003.11
cg08597345	1.14E-08	1.13E-09	6.4	11.101703	1.13E-01	18124823	18124946	NC_000019.9
cg17518825	1.14E-08	1.13E-09	6.4	11.1015286	1.12E-01	46523461	46523584	NC_000002.11
cg07256668	1.14E-08	1.13E-09	6.4	11.1015087	3.50E-02	64398137	64398260	NC_000011.9
cg01755551	1.14E-08	1.13E-09	6.4	11.0996999	1.16E-01	99615764	99615887	NC_000009.11
cg06826760	1.14E-08	1.13E-09	6.4	11.09942	6.93E-02	193076307	193076430	NC_000001.10
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cg23224633	1.14E-08	1.14E-09	6.4	11.0974782	5.63E-02	19355762	19355885	NC_000017.10
cg16326674	1.14E-08	1.14E-09	6.4	11.097113	2.06E-01	122301816	122301939	NC_000004.11
cg18858331	1.15E-08	1.14E-09	6.4	11.0948689	1.13E-01	140857889	140858012	NC_000005.9
cg12570712	1.15E-08	1.14E-09	6.4	11.0943737	1.91E-01	54412885	54413008	NC_000019.9
cg15690696	1.15E-08	1.14E-09	6.4	11.0937209	1.28E-01	120217718	120217841	NC_000011.9
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cg11454719	1.15E-08	1.14E-09	6.4	11.0926872	1.74E-01	223155841	223155964	NC_000002.11
cg10026317	1.15E-08	1.14E-09	6.4	11.0926735	1.15E-01	47694919	47695042	NC_000001.10
cg17936495	1.15E-08	1.14E-09	6.4	11.09253	1.90E-02	155233051	155233174	NC_000001.10
cg12892747	1.15E-08	1.14E-09	6.4	11.0914445	6.40E-02	187813459	187813582	NC_000004.11
cg01182159	1.15E-08	1.15E-09	6.4	11.0890947	3.88E-02	89762169	89762292	NC_000016.9
cg04305319	1.15E-08	1.15E-09	6.4	11.0887275	7.62E-02	149698023	149698146	NC_000005.9

cg02378335	1.15E-08	1.15E-09	6.4	11.0878446	3.31E-02	134449269	134449392	NC_000005.9
cg03199745	1.15E-08	1.15E-09	6.4	11.0870899	9.49E-02	54454445	54454568	NC_000012.11
cg02918557	1.15E-08	1.15E-09	6.4	11.0870394	1.02E-01	4901337	4901460	NC_000007.13
cg21165221	1.15E-08	1.15E-09	6.4	11.0868514	1.37E-01	237078166	237078289	NC_000002.11
cg06745656	1.15E-08	1.15E-09	6.4	11.0864386	7.95E-02	37305728	37305851	NC_000017.10
cg12534424	1.16E-08	1.15E-09	6.4	11.085459	1.26E-01	127992316	127992439	NC_000007.13
cg09816180	1.16E-08	1.15E-09	6.4	11.0852317	1.46E-01	72650088	72650211	NC_000004.11
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cg04220455	1.16E-08	1.15E-09	6.4	11.0837095	5.79E-02	151344746	151344869	NC_000002.11
cg26124242	1.16E-08	1.15E-09	6.4	11.0834525	1.92E-01	106888757	106888880	NC_000011.9
cg09168808	1.16E-08	1.15E-09	6.4	11.0831828	1.30E-01	115124584	115124707	NC_000012.11
cg27169020	1.16E-08	1.15E-09	6.4	11.0830499	9.01E-02	83954229	83954352	NC_000015.9
cg09576074	1.16E-08	1.15E-09	6.4	11.0828239	7.40E-02	84341327	84341450	NC_000016.9
cg13610138	1.16E-08	1.15E-09	6.4	11.0825699	1.06E-01	59281920	59282043	NC_000012.11
cg14347436	1.16E-08	1.15E-09	6.4	11.0824604	6.16E-02	92748248	92748371	NC_000007.13
cg11403823	1.16E-08	1.15E-09	6.4	11.0821621	1.00E-01	66856314	66856437	NC_000007.13
cg06483795	1.16E-08	1.15E-09	6.4	11.0821141	6.12E-02	511719	511842	NC_000005.9
cg01157046	1.16E-08	1.16E-09	6.4	11.0812249	1.20E-01	223419421	223419544	NC_000002.11
cg17475733	1.16E-08	1.16E-09	6.4	11.080588	1.13E-01	96830030	96830153	NC_000001.10
cg08052120	1.16E-08	1.16E-09	6.4	11.0793781	9.72E-02	52409580	52409703	NC_000019.9
cg24850445	1.16E-08	1.16E-09	6.39	11.0778912	4.31E-02	46306794	46306917	NC_000021.8
cg12111104	1.16E-08	1.16E-09	6.39	11.0767389	6.80E-02	33860756	33860879	NC_000013.10
cg02248514	1.17E-08	1.16E-09	6.39	11.0764983	4.50E-02	32842070	32842193	NC_000014.8

cg27000659	1.17E-08	1.16E-09	6.39	11.0759652	4.53E-02	31617530	31617653	NC_000006.11
cg26186331	1.17E-08	1.16E-09	6.39	11.0749468	1.06E-01	39415351	39415474	NC_000005.9
cg13443797	1.17E-08	1.16E-09	6.39	11.0746542	6.72E-02	50133024	50133147	NC_000007.13
cg25268537	1.17E-08	1.16E-09	6.39	11.0745542	4.10E-02	72860402	72860525	NC_000017.10
cg12669271	1.17E-08	1.16E-09	6.39	11.0739623	6.93E-02	118987299	118987422	NC_000008.10
cg20624923	1.17E-08	1.16E-09	6.39	11.0739576	1.30E-01	120355427	120355550	NC_000010.10
cg03827835	1.17E-08	1.16E-09	6.39	11.0738166	1.33E-01	134388224	134388347	NC_000005.9
cg13975503	1.17E-08	1.17E-09	6.39	11.0728141	1.33E-01	91182215	91182338	NC_000001.10
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cg20630410	1.17E-08	1.17E-09	6.39	11.0713551	5.96E-02	78952751	78952874	NC_000017.10
cg26746936	1.17E-08	1.17E-09	6.39	11.0703286	1.20E-01	42503392	42503515	NC_000019.9
cg24591082	1.17E-08	1.17E-09	6.39	11.0691616	8.70E-02	56143542	56143665	NC_000006.11
cg01860378	1.18E-08	1.17E-09	6.39	11.0668909	9.16E-02	133792985	133793108	NC_000009.11
cg05241015	1.18E-08	1.17E-09	6.39	11.0667945	1.28E-01	1748876	1748999	NC_000002.11
cg15058253	1.18E-08	1.17E-09	6.39	11.0666869	1.12E-01	149744935	149745058	NC_000007.13
cg02499281	1.18E-08	1.17E-09	6.39	11.0666566	3.88E-02	155573752	155573875	NC_000007.13
cg27639782	1.18E-08	1.17E-09	6.39	11.0666464	6.81E-02	169241606	169241729	NC_000006.11
cg10918202	1.18E-08	1.17E-09	6.39	11.0663027	1.40E-01	104153173	104153296	NC_000008.10
cg26912105	1.18E-08	1.17E-09	6.39	11.0659814	6.69E-02	84553585	84553708	NC_000016.9
cg18382893	1.18E-08	1.17E-09	6.39	11.0647657	1.46E-01	30139641	30139764	NC_000006.11
cg00902417	1.18E-08	1.17E-09	6.39	11.0646921	9.81E-02	15492168	15492291	NC_000017.10
cg06977823	1.18E-08	1.18E-09	6.39	11.0635046	6.49E-02	69778399	69778522	NC_000001.10
cg10815625	1.18E-08	1.18E-09	6.39	11.0633097	1.36E-01	165323768	165323891	NC_000001.10
cg11100386	1.18E-08	1.18E-09	6.39	11.063246	1.69E-01	8093416	8093539	NC_000010.10
cg14700504	1.18E-08	1.18E-09	6.39	11.0630181	8.68E-02	64136222	64136345	NC_000010.10

cg24495585	1.18E-08	1.18E-09	6.39	11.0625778	1.58E-01	56659985	56660108	NC_000004.11
cg25618731	1.18E-08	1.18E-09	6.39	11.0622487	1.16E-01	2848409	2848532	NC_000016.9
cg01210589	1.18E-08	1.18E-09	6.39	11.0621278	9.31E-02	89895742	89895865	NC_000014.8
cg01523600	1.18E-08	1.18E-09	6.39	11.0621147	6.69E-02	22959713	22959836	NC_000008.10
cg10103187	1.18E-08	1.18E-09	6.39	11.062001	4.09E-02	165183299	165183422	NC_000001.10
cg11599539	1.18E-08	1.18E-09	6.39	11.0605776	1.86E-01	72459614	72459737	NC_000008.10
cg16689238	1.18E-08	1.18E-09	6.39	11.0597463	5.36E-02	34649152	34649275	NC_000016.9
cg22593177	1.18E-08	1.18E-09	6.39	11.0594342	1.34E-01	82174376	82174499	NC_000010.10
cg05501958	1.19E-08	1.18E-09	6.39	11.0583082	2.16E-02	45411873	45411996	NC_000019.9
cg15556943	1.19E-08	1.18E-09	6.39	11.0581974	2.06E-01	21694617	21694740	NC_000020.10
cg17293161	1.19E-08	1.18E-09	6.39	11.0567565	1.12E-01	80141089	80141212	NC_000010.10
cg09068031	1.19E-08	1.19E-09	6.39	11.0556993	9.60E-02	11500492	11500615	NC_000011.9
cg10136216	1.19E-08	1.19E-09	6.39	11.0555176	1.02E-01	39623664	39623787	NC_000022.10
cg03156396	1.19E-08	1.19E-09	6.39	11.0552515	6.38E-02	816177	816300	NC_000016.9
cg05803596	1.19E-08	1.19E-09	6.39	11.0550196	8.42E-02	203098085	203098208	NC_000001.10
cg13478928	1.19E-08	1.19E-09	6.39	11.0545691	1.53E-01	75596724	75596847	NC_000001.10
cg14662009	1.19E-08	1.19E-09	6.39	11.054355	8.74E-02	50300243	50300366	NC_000012.11
cg07082452	1.19E-08	1.19E-09	6.39	11.053171	8.70E-02	22547688	22547811	NC_000008.10
cg18930976	1.19E-08	1.19E-09	6.39	11.0531653	1.19E-01	131697980	131698103	NC_000010.10
cg04100843	1.19E-08	1.19E-09	6.39	11.0525762	1.10E-01	4860655	4860778	NC_000004.11
cg04336159	1.19E-08	1.19E-09	6.39	11.0525471	4.79E-02	113609512	113609635	NC_000002.11
cg17628540	1.19E-08	1.19E-09	6.39	11.0508006	9.88E-02	27829199	27829322	NC_000013.10
cg21033116	1.20E-08	1.19E-09	6.39	11.0496676	4.58E-02	49265283	49265406	NC_000015.9
cg06324373	1.20E-08	1.19E-09	6.39	11.0495125	1.38E-01	99734805	99734928	NC_000010.10
cg22553634	1.20E-08	1.19E-09	6.39	11.0494791	5.95E-02	193489233	193489356	NC_000003.11

cg07066369	1.20E-08	1.19E-09	6.39	11.049034	1.56E-01	4384888	4385011	NC_000012.11
cg06301178	1.20E-08	1.20E-09	6.39	11.0478938	1.23E-01	31580150	31580273	NC_000016.9
cg02020829	1.20E-08	1.20E-09	6.39	11.0473446	1.11E-01	92908771	92908894	NC_000005.9
cg07179872	1.20E-08	1.20E-09	6.39	11.0467012	1.29E-01	140802135	140802258	NC_000005.9
cg12310850	1.20E-08	1.20E-09	6.39	11.0465758	1.34E-01	6533700	6533823	NC_000016.9
cg06780839	1.20E-08	1.20E-09	6.39	11.0462517	1.32E-01	56228577	56228700	NC_000016.9
cg06452875	1.20E-08	1.20E-09	6.39	11.0451444	6.96E-02	72133551	72133674	NC_000016.9
cg25147622	1.20E-08	1.20E-09	6.39	11.0447109	1.08E-01	1403502	1403625	NC_000008.10
cg07362168	1.20E-08	1.20E-09	6.39	11.0439622	1.81E-01	50684985	50685108	NC_000005.9
cg13451048	1.20E-08	1.20E-09	6.39	11.0439188	7.57E-02	44820073	44820196	NC_000001.10
cg00684248	1.20E-08	1.20E-09	6.39	11.0437069	1.12E-01	124907409	124907532	NC_000010.10
cg22870092	1.20E-08	1.20E-09	6.39	11.0434024	4.38E-02	7918691	7918814	NC_000004.11
cg24481801	1.20E-08	1.20E-09	6.39	11.0425045	6.05E-02	110197235	110197358	NC_000001.10
cg24928687	1.20E-08	1.20E-09	6.39	11.0424042	1.70E-01	226012913	226013036	NC_000001.10
cg04101351	1.20E-08	1.20E-09	6.39	11.0420696	1.39E-01	20522672	20522795	NC_000012.11
cg05255275	1.20E-08	1.20E-09	6.39	11.0417803	1.88E-01	60952097	60952220	NC_000014.8
cg08454334	1.21E-08	1.20E-09	6.39	11.0400085	8.38E-02	175472678	175472801	NC_000005.9
cg15746696	1.21E-08	1.21E-09	6.39	11.0397059	2.21E-01	58400494	58400617	NC_000019.9
cg24946911	1.21E-08	1.21E-09	6.39	11.0386051	5.04E-02	2788654	2788777	NC_000012.11
cg02318282	1.21E-08	1.21E-09	6.39	11.0355062	6.73E-02	82789386	82789509	NC_000005.9
cg14267095	1.21E-08	1.21E-09	6.39	11.0339798	2.11E-01	37026445	37026568	NC_000009.11
cg04864990	1.21E-08	1.21E-09	6.39	11.0334682	5.66E-02	32168694	32168817	NC_000006.11
cg00820171	1.21E-08	1.21E-09	6.39	11.0328975	8.87E-02	31340805	31340928	NC_000016.9
cg21900624	1.21E-08	1.21E-09	6.39	11.0324528	1.48E-01	113013363	113013486	NC_000012.11
cg07428323	1.22E-08	1.22E-09	6.39	11.0311974	1.55E-01	109294233	109294356	NC_000011.9



cg18445760	1.22E-08	1.22E-09	6.39	11.0307093	4.99E-02	31837445	31837568	NC_000006.11
cg24221541	1.22E-08	1.22E-09	6.39	11.0305217	1.89E-01	46974662	46974785	NC_000019.9
cg15889424	1.22E-08	1.22E-09	6.39	11.030521	7.77E-02	33749529	33749652	NC_000021.8
cg22852830	1.22E-08	1.22E-09	6.39	11.029644	1.21E-01	105989959	105990082	NC_000002.11
cg14755066	1.22E-08	1.22E-09	6.39	11.0291321	8.30E-02	74239328	74239451	NC_000017.10
cg27087622	1.22E-08	1.22E-09	6.39	11.0278006	2.39E-01	87970114	87970237	NC_000005.9
cg26132144	1.22E-08	1.22E-09	6.38	11.0254424	8.23E-02	120777192	120777315	NC_000002.11
cg04718304	1.22E-08	1.22E-09	6.38	11.0242678	9.93E-02	134703407	134703530	NC_000010.10
cg11293800	1.22E-08	1.23E-09	6.38	11.0237632	8.80E-02	48412924	48413047	NC_000003.11
cg06070625	1.22E-08	1.23E-09	6.38	11.0235763	9.19E-02	69812798	69812921	NC_000003.11
cg08055786	1.23E-08	1.23E-09	6.38	11.0232594	8.08E-02	206857579	206857702	NC_000001.10
cg02677946	1.23E-08	1.23E-09	6.38	11.019572	1.41E-01	132864357	132864480	NC_000011.9
cg25067242	1.23E-08	1.23E-09	6.38	11.0192977	1.13E-01	115881259	115881382	NC_000001.10
cg01003245	1.23E-08	1.23E-09	6.38	11.0189078	9.05E-02	151428287	151428410	NC_000001.10
cg18542304	1.23E-08	1.23E-09	6.38	11.0188612	8.71E-02	99288216	99288339	NC_000015.9
cg00484358	1.23E-08	1.23E-09	6.38	11.0173026	1.03E-01	110610995	110611118	NC_000001.10
cg06538774	1.23E-08	1.23E-09	6.38	11.0170705	1.27E-02	24584247	24584370	NC_000022.10
cg26828131	1.23E-08	1.23E-09	6.38	11.0163118	2.90E-02	249106207	249106330	NC_000001.10
cg08799997	1.23E-08	1.23E-09	6.38	11.015828	6.67E-02	167737937	167738060	NC_000006.11
cg07905119	1.24E-08	1.24E-09	6.38	11.014918	7.93E-02	1779084	1779207	NC_000007.13
cg23267987	1.24E-08	1.24E-09	6.38	11.0149166	6.18E-02	120414862	120414985	NC_000001.10
cg09074625	1.24E-08	1.24E-09	6.38	11.0149116	8.71E-02	143664102	143664225	NC_000001.10
cg01544213	1.24E-08	1.24E-09	6.38	11.0145853	8.98E-02	140774440	140774563	NC_000005.9
cg03760759	1.24E-08	1.24E-09	6.38	11.0135767	4.66E-02	156549533	156549656	NC_000001.10
cg17617843	1.24E-08	1.24E-09	6.38	11.0122775	1.57E-01	34043454	34043577	NC_000005.9

cg08872064	1.24E-08	1.24E-09	6.38	11.0114144	8.92E-02	8787638	8787761	NC_000003.11
cg24635112	1.24E-08	1.24E-09	6.38	11.0094144	1.51E-01	114908901	114909024	NC_000013.10
cg02315483	1.24E-08	1.24E-09	6.38	11.0088481	5.53E-02	44487129	44487252	NC_000019.9
cg13866910	1.24E-08	1.24E-09	6.38	11.008708	8.23E-02	1222028	1222151	NC_000016.9
cg16781264	1.24E-08	1.25E-09	6.38	11.0077897	1.71E-01	101087575	101087698	NC_000002.11
cg16312972	1.24E-08	1.25E-09	6.38	11.0077685	9.87E-02	24302860	24302983	NC_000001.10
cg13975106	1.25E-08	1.25E-09	6.38	11.0065603	1.42E-01	106939472	106939595	NC_000013.10
cg10674476	1.25E-08	1.25E-09	6.38	11.0061099	5.38E-02	97498336	97498459	NC_000002.11
cg04212229	1.25E-08	1.26E-09	6.38	10.9996005	8.64E-02	148460131	148460254	NC_000003.11
cg16549957	1.25E-08	1.26E-09	6.38	10.999113	9.86E-02	12218933	12219056	NC_000001.10
cg03897139	1.26E-08	1.26E-09	6.38	10.9982912	6.24E-02	134018809	134018932	NC_000010.10
cg09424138	1.26E-08	1.26E-09	6.38	10.9981554	8.23E-02	143700425	143700548	NC_000007.13
cg26060583	1.26E-08	1.26E-09	6.38	10.9970699	5.06E-02	71311300	71311423	NC_000008.10
cg09199698	1.26E-08	1.26E-09	6.38	10.9961355	1.27E-01	31311797	31311920	NC_000021.8
cg02765328	1.26E-08	1.26E-09	6.38	10.9941596	1.76E-01	4383281	4383404	NC_000012.11
cg25236277	1.26E-08	1.26E-09	6.38	10.9940891	8.07E-02	119070599	119070722	NC_000003.11
cg02546690	1.26E-08	1.26E-09	6.38	10.9938417	7.95E-02	17834480	17834603	NC_000011.9
cg10988187	1.26E-08	1.26E-09	6.38	10.992962	6.98E-02	71031813	71031936	NC_000012.11
cg23655970	1.26E-08	1.27E-09	6.38	10.9909233	2.10E-01	37126582	37126705	NC_000014.8
cg07888205	1.26E-08	1.27E-09	6.38	10.9906277	7.77E-02	34257432	34257555	NC_000016.9
cg16367103	1.26E-08	1.27E-09	6.38	10.9906206	5.57E-02	105681416	105681539	NC_000014.8
cg23347399	1.27E-08	1.27E-09	6.38	10.9886341	1.34E-01	140766911	140767034	NC_000005.9
cg21607030	1.27E-08	1.27E-09	6.38	10.986706	2.12E-01	133563532	133563655	NC_000006.11
cg09062550	1.27E-08	1.27E-09	6.38	10.9865959	2.16E-01	20350481	20350604	NC_000020.10
cg06500337	1.27E-08	1.27E-09	6.38	10.9859428	2.05E-01	161100242	161100365	NC_000006.11

cg08552198	1.27E-08	1.27E-09	6.38	10.9849333	1.23E-01	49309124	49309247	NC_000016.9
cg14836313	1.27E-08	1.27E-09	6.38	10.984761	8.08E-02	1975560	1975683	NC_000011.9
cg26072058	1.27E-08	1.28E-09	6.38	10.9845477	1.62E-01	91191055	91191178	NC_000001.10
cg04150055	1.27E-08	1.28E-09	6.38	10.9833008	1.65E-01	133536855	133536978	NC_000009.11
cg18439535	1.27E-08	1.28E-09	6.38	10.9830394	9.14E-02	131304342	131304465	NC_000012.11
cg23129930	1.27E-08	1.28E-09	6.38	10.9827726	1.15E-01	27186993	27187116	NC_000007.13
cg22541520	1.27E-08	1.28E-09	6.38	10.9822905	1.45E-01	6703533	6703656	NC_000007.13
cg06815630	1.27E-08	1.28E-09	6.38	10.9821747	5.73E-02	88156829	88156952	NC_000016.9
cg20516620	1.27E-08	1.28E-09	6.38	10.9819785	2.06E-02	99197040	99197163	NC_000008.10
cg03921860	1.27E-08	1.28E-09	6.38	10.9819168	8.76E-02	57458733	57458856	NC_000004.11
cg22843684	1.28E-08	1.28E-09	6.38	10.9785508	9.73E-02	10806114	10806237	NC_000003.11
cg17801930	1.28E-08	1.28E-09	6.38	10.9784581	1.58E-01	56009405	56009528	NC_000005.9
cg13531886	1.28E-08	1.28E-09	6.38	10.9776459	5.29E-02	3281434	3281557	NC_000010.10
cg04034767	1.28E-08	1.29E-09	6.38	10.9769153	2.53E-01	52400907	52401030	NC_000012.11
cg06679209	1.28E-08	1.29E-09	6.38	10.9768405	6.36E-02	1073679	1073802	NC_000019.9
cg20030310	1.28E-08	1.29E-09	6.38	10.976188	1.99E-01	158119489	158119612	NC_000001.10
cg08604097	1.28E-08	1.29E-09	6.38	10.975346	1.73E-01	8480865	8480988	NC_000007.13
cg26568372	1.28E-08	1.29E-09	6.38	10.9752737	1.58E-01	91190173	91190296	NC_000001.10
cg09917979	1.28E-08	1.29E-09	6.38	10.9751049	1.20E-01	1275630	1275753	NC_000007.13
cg27620681	1.29E-08	1.29E-09	6.38	10.9729263	7.82E-02	69349490	69349613	NC_000016.9
cg05936219	1.29E-08	1.29E-09	6.37	10.9726817	7.75E-02	4228644	4228767	NC_000004.11
cg12718579	1.29E-08	1.29E-09	6.37	10.9708278	9.19E-02	53322451	53322574	NC_000008.10
cg21106407	1.29E-08	1.30E-09	6.37	10.9678834	1.65E-01	57262177	57262300	NC_000014.8
cg03803071	1.29E-08	1.30E-09	6.37	10.967338	2.16E-01	22034523	22034646	NC_000019.9
cg23954465	1.29E-08	1.30E-09	6.37	10.9667625	1.78E-01	8078038	8078161	NC_000010.10

cg09235562	1.29E-08	1.30E-09	6.37	10.9664351	1.32E-01	384251	384374	NC_000019.9
cg21715431	1.29E-08	1.30E-09	6.37	10.9658863	7.35E-02	8601423	8601546	NC_000019.9
cg21587472	1.29E-08	1.30E-09	6.37	10.9656331	7.29E-02	11705530	11705653	NC_000019.9
cg12742799	1.30E-08	1.30E-09	6.37	10.9652811	9.76E-02	62959193	62959316	NC_000020.10
cg13597574	1.30E-08	1.30E-09	6.37	10.9642062	3.97E-02	107696634	107696757	NC_000009.11
cg26697474	1.30E-08	1.30E-09	6.37	10.9640415	2.06E-02	62185223	62185346	NC_000011.9
cg14677698	1.30E-08	1.30E-09	6.37	10.9629933	1.87E-01	3197730	3197853	NC_000005.9
cg08883066	1.30E-08	1.31E-09	6.37	10.9608218	1.11E-01	114696822	114696945	NC_000001.10
cg23990012	1.30E-08	1.31E-09	6.37	10.9606091	1.46E-01	95870409	95870532	NC_000015.9
cg21875946	1.30E-08	1.31E-09	6.37	10.9589179	8.64E-02	206663985	206664108	NC_000001.10
cg05453358	1.30E-08	1.31E-09	6.37	10.95828	1.32E-01	47529280	47529403	NC_000008.10
cg12563644	1.30E-08	1.31E-09	6.37	10.958035	1.89E-01	87956996	87957119	NC_000005.9
cg03540794	1.31E-08	1.31E-09	6.37	10.956726	1.90E-01	2112109	2112232	NC_000005.9
cg14432910	1.31E-08	1.31E-09	6.37	10.9553731	1.34E-01	68121931	68122054	NC_000015.9
cg26419728	1.31E-08	1.31E-09	6.37	10.9551339	1.35E-01	43604860	43604983	NC_000011.9
cg24146331	1.31E-08	1.31E-09	6.37	10.9550246	1.11E-01	102590225	102590348	NC_000010.10
cg09387867	1.31E-08	1.31E-09	6.37	10.9547322	3.86E-02	144879954	144880077	NC_000008.10
cg05007549	1.31E-08	1.32E-09	6.37	10.9525666	1.14E-01	81103968	81104091	NC_000004.11
cg01150433	1.31E-08	1.32E-09	6.37	10.95193	1.23E-01	147142182	147142305	NC_000003.11
cg14382976	1.31E-08	1.32E-09	6.37	10.950151	7.77E-02	117067624	117067747	NC_000007.13
cg09561419	1.31E-08	1.32E-09	6.37	10.9496129	2.15E-02	57055798	57055921	NC_000016.9
cg24693341	1.32E-08	1.32E-09	6.37	10.9488883	1.69E-01	41746947	41747070	NC_000004.11
cg23737737	1.32E-08	1.32E-09	6.37	10.9474627	1.88E-01	6665370	6665493	NC_000012.11
cg09752583	1.32E-08	1.32E-09	6.37	10.9471508	7.68E-02	53058587	53058710	NC_000006.11
cg26886277	1.32E-08	1.33E-09	6.37	10.945093	6.90E-02	86566099	86566222	NC_000002.11

cg07697895	1.32E-08	1.33E-09	6.37	10.9444402	2.32E-01	116963259	116963382	NC_000007.13
cg03434886	1.32E-08	1.33E-09	6.37	10.9443723	1.09E-01	48555361	48555484	NC_000020.10
cg08215400	1.32E-08	1.33E-09	6.37	10.944356	7.91E-02	7592407	7592530	NC_000012.11
cg05013064	1.32E-08	1.33E-09	6.37	10.9441472	2.10E-01	55204633	55204756	NC_000020.10
cg01656588	1.32E-08	1.33E-09	6.37	10.943114	1.14E-01	3187100	3187223	NC_000005.9
cg05722918	1.32E-08	1.33E-09	6.37	10.9425976	1.31E-01	101603929	101604052	NC_000012.11
cg18077160	1.32E-08	1.33E-09	6.37	10.9423554	3.37E-02	48987205	48987328	NC_000019.9
cg24954590	1.32E-08	1.33E-09	6.37	10.9415211	1.18E-01	140777611	140777734	NC_000005.9
cg21122466	1.33E-08	1.33E-09	6.37	10.940944	3.00E-02	99323548	99323671	NC_000006.11
cg24867601	1.33E-08	1.33E-09	6.37	10.9408166	2.41E-02	104758865	104758988	NC_000007.13
cg22539744	1.33E-08	1.34E-09	6.37	10.9385735	1.53E-01	64476370	64476493	NC_000003.11
cg13914708	1.34E-08	1.34E-09	6.37	10.9332464	1.11E-01	15804963	15805086	NC_000002.11
cg03506489	1.34E-08	1.35E-09	6.37	10.9312549	1.39E-01	30038788	30038911	NC_000011.9
cg03197992	1.34E-08	1.35E-09	6.37	10.9307281	1.01E-01	113990925	113991048	NC_000002.11
cg20209499	1.34E-08	1.35E-09	6.37	10.929858	9.89E-02	26929892	26930015	NC_000002.11
cg01655158	1.34E-08	1.35E-09	6.37	10.9293715	4.18E-02	98774467	98774590	NC_000008.10
cg10826197	1.34E-08	1.35E-09	6.37	10.9270622	2.34E-01	49468988	49469111	NC_000008.10
cg06015218	1.34E-08	1.35E-09	6.37	10.9269932	1.52E-01	146350434	146350557	NC_000006.11
cg26063563	1.35E-08	1.36E-09	6.37	10.9250538	2.03E-01	113697330	113697453	NC_000005.9
cg15473084	1.35E-08	1.36E-09	6.37	10.9250248	1.21E-01	50265600	50265723	NC_000005.9
cg21532432	1.35E-08	1.36E-09	6.37	10.9248614	1.48E-01	2165434	2165557	NC_000011.9
cg26892843	1.35E-08	1.36E-09	6.37	10.9244177	5.17E-02	43375618	43375741	NC_000010.10
cg18592174	1.35E-08	1.36E-09	6.37	10.9243913	1.24E-01	50817306	50817429	NC_000010.10
cg14468280	1.35E-08	1.36E-09	6.37	10.9242391	5.19E-02	47862976	47863099	NC_000020.10
cg13713293	1.35E-08	1.36E-09	6.37	10.9237272	1.59E-01	841636	841759	NC_000009.11

cg09454187	1.35E-08	1.36E-09	6.37	10.9230013	1.02E-01	26109614	26109737	NC_000015.9
cg23251701	1.35E-08	1.36E-09	6.37	10.9228581	1.63E-01	2537228	2537351	NC_000005.9
cg03039002	1.35E-08	1.36E-09	6.37	10.9225437	1.17E-01	53776259	53776382	NC_000013.10
cg11960677	1.35E-08	1.36E-09	6.37	10.9217788	1.29E-01	32705760	32705883	NC_000001.10
cg05900347	1.35E-08	1.36E-09	6.37	10.9216897	1.29E-01	105461392	105461515	NC_000002.11
cg02831219	1.35E-08	1.36E-09	6.37	10.9216882	4.70E-02	49416516	49416639	NC_000012.11
cg21299542	1.35E-08	1.36E-09	6.37	10.9216715	1.36E-01	111550407	111550530	NC_000004.11
cg19312935	1.35E-08	1.36E-09	6.37	10.9209836	1.20E-02	42017417	42017540	NC_000022.10
cg01962428	1.35E-08	1.36E-09	6.37	10.9201416	1.81E-01	107957362	107957485	NC_000004.11
cg21899520	1.35E-08	1.36E-09	6.36	10.9189409	1.43E-01	71957896	71958019	NC_000018.9
cg09382601	1.36E-08	1.37E-09	6.36	10.9165653	7.41E-02	619659	619782	NC_000004.11
cg13035628	1.36E-08	1.37E-09	6.36	10.9164069	3.56E-02	78829362	78829485	NC_000015.9
cg06807928	1.36E-08	1.37E-09	6.36	10.9163641	1.57E-01	112610059	112610182	NC_000013.10
cg09524946	1.36E-08	1.37E-09	6.36	10.9156519	1.62E-01	50706810	50706933	NC_000013.10
cg21078198	1.36E-08	1.37E-09	6.36	10.9138787	8.96E-02	6189918	6190041	NC_000007.13
cg26708781	1.36E-08	1.37E-09	6.36	10.9134701	1.18E-01	87921477	87921600	NC_000004.11
cg23893332	1.36E-08	1.37E-09	6.36	10.9129863	1.10E-01	94576048	94576171	NC_000014.8
cg01120173	1.36E-08	1.37E-09	6.36	10.9118865	1.67E-01	5019669	5019792	NC_000017.10
cg03162823	1.36E-08	1.37E-09	6.36	10.9108285	1.20E-01	95941571	95941694	NC_000012.11
cg03388789	1.37E-08	1.38E-09	6.36	10.9093957	1.31E-01	147116135	147116258	NC_000003.11
cg14503935	1.37E-08	1.38E-09	6.36	10.9087106	1.16E-01	131864894	131865017	NC_000012.11
cg02278437	1.37E-08	1.38E-09	6.36	10.9078278	1.44E-01	59001691	59001814	NC_000018.9
cg20392764	1.37E-08	1.38E-09	6.36	10.9072678	1.01E-01	2293117	2293240	NC_000011.9
cg07057687	1.37E-08	1.38E-09	6.36	10.9054329	5.81E-02	2217386	2217509	NC_000016.9
cg13971232	1.37E-08	1.38E-09	6.36	10.9044009	3.31E-02	236901460	236901583	NC_000002.11

cg14266927	1.37E-08	1.39E-09	6.36	10.903613	1.36E-01	75987682	75987805	NC_000014.8
cg16551520	1.37E-08	1.39E-09	6.36	10.9026554	1.47E-01	112610015	112610138	NC_000013.10
cg08222609	1.37E-08	1.39E-09	6.36	10.9024608	4.51E-02	24027960	24028083	NC_000014.8
cg07124687	1.38E-08	1.39E-09	6.36	10.9018622	2.24E-01	28956332	28956455	NC_000006.11
cg23751110	1.38E-08	1.39E-09	6.36	10.9012943	1.08E-01	19197380	19197503	NC_000004.11
cg14794428	1.38E-08	1.39E-09	6.36	10.9009822	1.86E-01	103351436	103351559	NC_000012.11
cg26239297	1.38E-08	1.39E-09	6.36	10.9008052	1.16E-01	51347240	51347363	NC_000014.8
cg18749309	1.38E-08	1.39E-09	6.36	10.9000635	1.43E-01	61434800	61434923	NC_000011.9
cg03145290	1.38E-08	1.39E-09	6.36	10.8997452	5.37E-02	32857923	32858046	NC_000016.9
cg09014626	1.38E-08	1.39E-09	6.36	10.8984956	1.96E-01	2990194	2990317	NC_000005.9
cg03294066	1.38E-08	1.39E-09	6.36	10.8984622	2.27E-01	494721	494844	NC_000008.10
cg02388378	1.38E-08	1.39E-09	6.36	10.8968254	1.85E-01	54968727	54968850	NC_000016.9
cg02694972	1.38E-08	1.40E-09	6.36	10.8963971	5.77E-02	43249501	43249624	NC_000006.11
cg13794993	1.38E-08	1.40E-09	6.36	10.8962248	1.31E-01	76740284	76740407	NC_000018.9
cg02969164	1.38E-08	1.40E-09	6.36	10.8952491	6.71E-02	128839899	128840022	NC_000011.9
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cg08012278	1.39E-08	1.40E-09	6.36	10.8945599	1.26E-01	237068350	237068473	NC_000002.11
cg15019721	1.39E-08	1.40E-09	6.36	10.8936828	1.82E-01	17496675	17496798	NC_000010.10
cg08160462	1.39E-08	1.40E-09	6.36	10.8934681	7.01E-02	32238731	32238854	NC_000001.10
cg23955431	1.39E-08	1.40E-09	6.36	10.8929761	1.59E-01	42076492	42076615	NC_000014.8
cg16698828	1.39E-08	1.40E-09	6.36	10.892543	6.60E-02	124210107	124210230	NC_000008.10
cg00586644	1.39E-08	1.40E-09	6.36	10.8922305	1.71E-01	50822175	50822298	NC_000010.10
cg07031650	1.39E-08	1.40E-09	6.36	10.8920334	9.60E-02	69436767	69436890	NC_000002.11
cg07956434	1.39E-08	1.40E-09	6.36	10.8918091	1.04E-01	100220005	100220128	NC_000007.13
cg07173635	1.39E-08	1.40E-09	6.36	10.8912623	1.62E-01	971480	971603	NC_000009.11

cg22664789	1.39E-08	1.40E-09	6.36	10.8903886	6.82E-02	23643119	23643242	NC_000002.11
cg12840502	1.39E-08	1.41E-09	6.36	10.889509	1.73E-01	30116919	30117042	NC_000022.10
cg18860954	1.39E-08	1.41E-09	6.36	10.8884499	1.65E-01	58400574	58400697	NC_000019.9
cg11412853	1.39E-08	1.41E-09	6.36	10.8876392	1.53E-01	115129801	115129924	NC_000012.11
cg26615813	1.40E-08	1.41E-09	6.36	10.8872034	1.62E-01	36422209	36422332	NC_000003.11
cg19063061	1.40E-08	1.41E-09	6.36	10.8866208	1.63E-01	49935893	49936016	NC_000019.9
cg10145246	1.40E-08	1.41E-09	6.36	10.8866108	1.41E-01	119527884	119528007	NC_000001.10
cg01315067	1.40E-08	1.41E-09	6.36	10.8858269	1.16E-01	51576232	51576355	NC_000010.10
cg09191626	1.40E-08	1.41E-09	6.36	10.8857114	1.45E-01	13983986	13984109	NC_000011.9
cg16304950	1.40E-08	1.41E-09	6.36	10.8856646	1.82E-01	5543945	5544068	NC_000018.9
cg13392957	1.40E-08	1.41E-09	6.36	10.8855495	1.20E-01	147782279	147782402	NC_000001.10
cg18519902	1.40E-08	1.42E-09	6.36	10.8822545	1.08E-01	95215417	95215540	NC_000005.9
cg01768001	1.40E-08	1.42E-09	6.36	10.882239	5.55E-02	24831147	24831270	NC_000001.10
cg13850380	1.40E-08	1.42E-09	6.36	10.8821221	1.09E-01	1475143	1475266	NC_000001.10
cg12034199	1.40E-08	1.42E-09	6.36	10.8804221	8.24E-02	75045307	75045430	NC_000007.13
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cg04861263	1.40E-08	1.42E-09	6.36	10.8799113	9.60E-02	60298043	60298166	NC_000015.9
cg23285825	1.41E-08	1.42E-09	6.36	10.8791308	1.19E-01	178016595	178016718	NC_000005.9
cg02018176	1.41E-08	1.42E-09	6.36	10.879052	8.16E-02	1364513	1364636	NC_000004.11
cg03365496	1.41E-08	1.42E-09	6.36	10.8775866	1.31E-01	60286384	60286507	NC_000015.9
cg13539424	1.41E-08	1.42E-09	6.36	10.877443	1.78E-01	101544221	101544344	NC_000014.8
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cg14780416	1.41E-08	1.42E-09	6.36	10.8768701	1.55E-01	27209338	27209461	NC_000007.13
cg03061682	1.41E-08	1.42E-09	6.36	10.8759454	2.77E-01	28352098	28352221	NC_000015.9



cg19607165	1.41E-08	1.43E-09	6.36	10.8749558	1.63E-01	10390961	10391084	NC_000006.11
cg03111404	1.41E-08	1.43E-09	6.36	10.8741855	1.53E-01	28175984	28176107	NC_000006.11
cg16415870	1.41E-08	1.43E-09	6.36	10.8738794	1.81E-01	6904261	6904384	NC_000003.11
cg21896394	1.41E-08	1.43E-09	6.36	10.8727687	2.88E-02	129099476	129099599	NC_000008.10
cg21675115	1.42E-08	1.43E-09	6.36	10.8697444	1.95E-01	78493564	78493687	NC_000013.10
cg15082028	1.42E-08	1.44E-09	6.36	10.8687084	1.41E-01	19043507	19043630	NC_000001.10
cg09829869	1.42E-08	1.44E-09	6.36	10.8680116	1.33E-01	97857647	97857770	NC_000007.13
cg15887709	1.42E-08	1.44E-09	6.35	10.8671708	1.14E-01	1270976	1271099	NC_000007.13
cg16249035	1.42E-08	1.44E-09	6.35	10.8659456	1.30E-01	114843490	114843613	NC_000012.11
cg18042724	1.42E-08	1.44E-09	6.35	10.865937	1.23E-01	20627327	20627450	NC_000011.9
cg12758687	1.42E-08	1.44E-09	6.35	10.8653343	1.26E-01	113346327	113346450	NC_000011.9
cg12677436	1.43E-08	1.44E-09	6.35	10.8642854	6.24E-02	54785476	54785599	NC_000002.11
cg26647617	1.43E-08	1.44E-09	6.35	10.8638976	1.33E-01	73519343	73519466	NC_000002.11
cg11336061	1.43E-08	1.45E-09	6.35	10.8613452	9.22E-02	25254149	25254272	NC_000001.10
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cg00351283	1.43E-08	1.45E-09	6.35	10.8598483	7.57E-02	89448431	89448554	NC_000001.10
cg12438547	1.43E-08	1.45E-09	6.35	10.8597326	1.14E-01	100642971	100643094	NC_000013.10
cg04148089	1.43E-08	1.45E-09	6.35	10.8592979	1.64E-01	85673599	85673722	NC_000016.9
cg10775039	1.44E-08	1.45E-09	6.35	10.856707	1.33E-01	50507214	50507337	NC_000010.10
cg27192854	1.44E-08	1.45E-09	6.35	10.8566658	1.06E-01	166511877	166512000	NC_000006.11
cg09572195	1.44E-08	1.45E-09	6.35	10.8561165	1.23E-01	55202447	55202570	NC_000020.10
cg08039301	1.44E-08	1.46E-09	6.35	10.8550411	1.14E-01	47072907	47073030	NC_000017.10
cg24999858	1.44E-08	1.46E-09	6.35	10.854386	9.44E-02	214027718	214027841	NC_000002.11
cg07936800	1.44E-08	1.46E-09	6.35	10.8537752	4.94E-02	151558015	151558138	NC_000002.11
cg27403265	1.44E-08	1.46E-09	6.35	10.8528978	1.63E-01	22825621	22825744	NC_000016.9

cg14865284	1.44E-08	1.46E-09	6.35	10.851627	7.32E-02	104688010	104688133	NC_000007.13
cg18320766	1.44E-08	1.46E-09	6.35	10.8513893	1.52E-01	55598782	55598905	NC_000019.9
cg27100436	1.45E-08	1.46E-09	6.35	10.8499087	1.33E-01	102920978	102921101	NC_000007.13
cg14085177	1.45E-08	1.46E-09	6.35	10.8498033	9.63E-02	133312912	133313035	NC_000009.11
cg15745900	1.45E-08	1.46E-09	6.35	10.8494957	2.10E-01	68864549	68864672	NC_000008.10
cg23513569	1.45E-08	1.46E-09	6.35	10.8491474	6.39E-02	132895543	132895666	NC_000012.11
cg10129768	1.45E-08	1.46E-09	6.35	10.8487132	7.38E-02	2411004	2411127	NC_000001.10
cg03884860	1.45E-08	1.46E-09	6.35	10.8486723	6.73E-02	76397484	76397607	NC_000018.9
cg20485733	1.45E-08	1.47E-09	6.35	10.8481143	1.40E-01	2798136	2798259	NC_000017.10
cg24679695	1.45E-08	1.47E-09	6.35	10.8479489	3.34E-02	9199102	9199225	NC_000002.11
cg16458494	1.45E-08	1.47E-09	6.35	10.846585	1.23E-01	95870262	95870385	NC_000015.9
cg13837335	1.45E-08	1.47E-09	6.35	10.8460204	8.42E-02	2191798	2191921	NC_000009.11
cg06610876	1.45E-08	1.47E-09	6.35	10.8458366	2.67E-02	89577551	89577674	NC_000012.11
cg03505117	1.45E-08	1.47E-09	6.35	10.8455832	1.52E-01	113441608	113441731	NC_000004.11
cg03223126	1.45E-08	1.47E-09	6.35	10.8448351	1.95E-01	111471192	111471315	NC_000012.11
cg18165065	1.45E-08	1.47E-09	6.35	10.8443477	1.39E-01	8130665	8130788	NC_000001.10
cg23920079	1.45E-08	1.47E-09	6.35	10.8442211	8.81E-02	20066303	20066426	NC_000020.10
cg27368828	1.45E-08	1.47E-09	6.35	10.8433096	4.07E-02	72358359	72358482	NC_000010.10
cg23462338	1.45E-08	1.47E-09	6.35	10.8431489	8.22E-02	132588323	132588446	NC_000012.11
cg17203063	1.45E-08	1.47E-09	6.35	10.8428694	1.64E-01	75601711	75601834	NC_000012.11
cg04838988	1.46E-08	1.47E-09	6.35	10.8428061	1.60E-01	70984437	70984560	NC_000008.10
cg14944538	1.46E-08	1.47E-09	6.35	10.8423242	1.22E-01	3220532	3220655	NC_000018.9
cg09731996	1.46E-08	1.47E-09	6.35	10.8422394	1.45E-01	3599090	3599213	NC_000005.9
cg03084350	1.46E-08	1.47E-09	6.35	10.8420924	6.90E-02	38065265	38065388	NC_000003.11
cg10871863	1.46E-08	1.48E-09	6.35	10.8417177	3.67E-02	93407968	93408091	NC_000014.8

cg20747266	1.46E-08	1.48E-09	6.35	10.8396894	1.29E-01	142409507	142409630	NC_000006.11
cg21926708	1.46E-08	1.48E-09	6.35	10.8385683	1.37E-01	41582349	41582472	NC_000012.11
cg13822303	1.47E-08	1.49E-09	6.35	10.8345908	1.35E-01	130526930	130527053	NC_000012.11
cg20942099	1.47E-08	1.49E-09	6.35	10.8331173	4.06E-02	184007803	184007926	NC_000001.10
cg26290632	1.47E-08	1.49E-09	6.35	10.8326673	1.44E-01	91094847	91094970	NC_000008.10
cg14417172	1.47E-08	1.49E-09	6.35	10.8314595	6.74E-02	136439150	136439273	NC_000008.10
cg04937080	1.47E-08	1.49E-09	6.35	10.8313952	1.55E-01	58715532	58715655	NC_000001.10
cg07540103	1.47E-08	1.49E-09	6.35	10.8299968	2.11E-01	6679499	6679622	NC_000017.10
cg06708888	1.47E-08	1.49E-09	6.35	10.8288892	6.88E-02	19338688	19338811	NC_000012.11
cg09677082	1.48E-08	1.50E-09	6.35	10.8286922	9.65E-02	62514572	62514695	NC_000007.13
cg26517849	1.48E-08	1.50E-09	6.35	10.8285714	1.28E-01	2161141	2161264	NC_000011.9
cg24671344	1.48E-08	1.50E-09	6.35	10.8283448	1.81E-01	13910796	13910919	NC_000001.10
cg02646423	1.48E-08	1.50E-09	6.35	10.8280785	1.23E-01	27183794	27183917	NC_000007.13
cg03937440	1.48E-08	1.50E-09	6.35	10.8270431	8.29E-02	129660428	129660551	NC_000006.11
cg05471491	1.48E-08	1.50E-09	6.35	10.8267495	3.55E-02	83746888	83747011	NC_000007.13
cg02418535	1.48E-08	1.50E-09	6.35	10.8255864	6.81E-02	100052640	100052763	NC_000003.11
cg10208269	1.48E-08	1.50E-09	6.35	10.8250671	7.10E-02	111508999	111509122	NC_000004.11
cg01408558	1.48E-08	1.50E-09	6.35	10.8238977	4.97E-02	10563212	10563335	NC_000019.9
cg21346043	1.48E-08	1.50E-09	6.35	10.8232084	1.30E-01	86351067	86351190	NC_000008.10
cg22370480	1.48E-08	1.50E-09	6.35	10.8223389	1.85E-01	70995607	70995730	NC_000002.11
cg18525486	1.48E-08	1.51E-09	6.35	10.8221331	1.55E-01	62357176	62357299	NC_000003.11
cg25318296	1.48E-08	1.51E-09	6.35	10.8215363	1.42E-01	100547785	100547908	NC_000013.10
cg03306486	1.49E-08	1.51E-09	6.35	10.8214737	2.20E-01	1467952	1468075	NC_000019.9
cg10262744	1.49E-08	1.51E-09	6.35	10.8209779	1.06E-01	12599968	12600091	NC_000003.11
cg07823562	1.49E-08	1.51E-09	6.35	10.8208217	9.43E-02	76743501	76743624	NC_000017.10

cg01337197	1.49E-08	1.51E-09	6.35	10.8203713	6.36E-02	43089547	43089670	NC_000022.10
cg09636202	1.49E-08	1.51E-09	6.35	10.8200306	1.56E-01	56243297	56243420	NC_000007.13
cg01759562	1.49E-08	1.51E-09	6.35	10.8197679	1.25E-01	114917826	114917949	NC_000012.11
cg03898631	1.49E-08	1.51E-09	6.35	10.8189568	1.94E-01	112761112	112761235	NC_000013.10
cg16962115	1.49E-08	1.51E-09	6.35	10.8184032	9.46E-02	236016383	236016506	NC_000001.10
cg01922095	1.49E-08	1.51E-09	6.35	10.8181421	1.23E-01	56516309	56516432	NC_000007.13
cg01198887	1.49E-08	1.51E-09	6.35	10.8181025	4.49E-02	166907883	166908006	NC_000006.11
cg24001345	1.49E-08	1.51E-09	6.35	10.8177028	6.61E-02	95372373	95372496	NC_000010.10
cg24695890	1.49E-08	1.51E-09	6.35	10.8168001	9.18E-02	47092254	47092377	NC_000007.13
cg06372303	1.49E-08	1.51E-09	6.35	10.8159386	1.37E-01	907092	907215	NC_000018.9
cg01987516	1.49E-08	1.52E-09	6.35	10.815371	1.36E-01	101282726	101282849	NC_000010.10
cg12078605	1.49E-08	1.52E-09	6.35	10.8152948	1.78E-01	80531500	80531623	NC_000002.11
cg13286590	1.50E-08	1.52E-09	6.34	10.8134978	6.59E-02	31778018	31778141	NC_000006.11
cg06644428	1.50E-08	1.52E-09	6.34	10.8122184	1.69E-01	233284112	233284235	NC_000002.11
cg24480227	1.50E-08	1.52E-09	6.34	10.8119348	5.83E-02	114489426	114489549	NC_000010.10
cg00815091	1.50E-08	1.52E-09	6.34	10.8114569	8.28E-02	55464045	55464168	NC_000001.10
cg04622802	1.50E-08	1.52E-09	6.34	10.8111872	1.46E-01	27015872	27015995	NC_000011.9
cg00838829	1.50E-08	1.53E-09	6.34	10.8089836	7.38E-02	54723426	54723549	NC_000001.10
cg03679521	1.50E-08	1.53E-09	6.34	10.8089601	1.30E-01	37764153	37764276	NC_000017.10
cg17834752	1.50E-08	1.53E-09	6.34	10.8085359	1.54E-01	140715239	140715362	NC_000008.10
cg03196097	1.50E-08	1.53E-09	6.34	10.808003	1.37E-01	4857441	4857564	NC_000004.11
cg01979489	1.51E-08	1.53E-09	6.34	10.8059287	9.06E-02	332603	332726	NC_000016.9
cg27424244	1.51E-08	1.53E-09	6.34	10.8055039	1.48E-01	2360282	2360405	NC_000019.9
cg08624180	1.51E-08	1.53E-09	6.34	10.8052547	2.09E-01	89339080	89339203	NC_000008.10
cg21845953	1.51E-08	1.53E-09	6.34	10.8043491	1.44E-01	77593360	77593483	NC_000008.10

cg11471802	1.51E-08	1.53E-09	6.34	10.8041512	1.22E-01	47529015	47529138	NC_000008.10
cg05380921	1.51E-08	1.53E-09	6.34	10.804027	1.21E-01	46921663	46921786	NC_000016.9
cg12602112	1.51E-08	1.53E-09	6.34	10.8034669	1.80E-01	78493294	78493417	NC_000013.10
cg19748424	1.51E-08	1.54E-09	6.34	10.8026225	2.01E-01	6583601	6583724	NC_000005.9
cg23393356	1.51E-08	1.54E-09	6.34	10.8025435	6.31E-02	231774770	231774893	NC_000002.11
cg16678602	1.51E-08	1.54E-09	6.34	10.8023106	2.55E-01	85954331	85954454	NC_000010.10
cg02431780	1.51E-08	1.54E-09	6.34	10.8022281	6.92E-02	42971223	42971346	NC_000005.9
cg04159420	1.51E-08	1.54E-09	6.34	10.8010409	1.13E-01	106402908	106403031	NC_000010.10
cg27218548	1.51E-08	1.54E-09	6.34	10.8010334	6.05E-02	33255639	33255762	NC_000006.11
cg26365925	1.51E-08	1.54E-09	6.34	10.8009481	1.52E-01	44063315	44063438	NC_000003.11
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cg04509074	1.51E-08	1.54E-09	6.34	10.8007113	1.57E-01	2754274	2754397	NC_000005.9
cg04398526	1.52E-08	1.54E-09	6.34	10.7983441	7.55E-02	1035197	1035320	NC_000016.9
cg09293718	1.52E-08	1.54E-09	6.34	10.7977273	1.25E-01	87076603	87076726	NC_000008.10
cg19403014	1.52E-08	1.55E-09	6.34	10.7958969	2.03E-01	48982950	48983073	NC_000002.11
cg07820868	1.52E-08	1.55E-09	6.34	10.7956319	1.41E-01	119528638	119528761	NC_000001.10
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cg05205647	1.53E-08	1.55E-09	6.34	10.7906959	1.13E-01	132218302	132218425	NC_000002.11
cg01177388	1.53E-08	1.56E-09	6.34	10.7900942	4.77E-02	32812704	32812827	NC_000006.11
cg04790084	1.53E-08	1.56E-09	6.34	10.7899688	2.30E-01	32906622	32906745	NC_000017.10
cg01954140	1.53E-08	1.56E-09	6.34	10.789831	2.05E-02	191043438	191043561	NC_000003.11
cg26144458	1.53E-08	1.56E-09	6.34	10.7879202	1.20E-01	38070148	38070271	NC_000021.8
cg03731661	1.53E-08	1.56E-09	6.34	10.7875307	1.00E-01	39337506	39337629	NC_000001.10
cg07653418	1.54E-08	1.56E-09	6.34	10.7849136	6.47E-02	3502415	3502538	NC_000002.11

cg03817675	1.54E-08	1.56E-09	6.34	10.7846053	5.94E-02	139299053	139299176	NC_000007.13
cg26575633	1.54E-08	1.56E-09	6.34	10.7843854	9.92E-02	156846336	156846459	NC_000001.10
cg13824319	1.54E-08	1.57E-09	6.34	10.7825951	8.16E-02	121680822	121680945	NC_000011.9
cg03600094	1.54E-08	1.57E-09	6.34	10.7820231	9.34E-02	2481475	2481598	NC_000011.9
cg00755130	1.54E-08	1.57E-09	6.34	10.7812093	1.11E-01	32729587	32729710	NC_000006.11
cg23679471	1.54E-08	1.57E-09	6.34	10.779963	1.02E-01	102473810	102473933	NC_000010.10
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cg01809217	1.54E-08	1.57E-09	6.34	10.7798847	9.69E-02	240656342	240656465	NC_000001.10
cg23613882	1.55E-08	1.57E-09	6.34	10.779478	9.43E-02	123364813	123364936	NC_000010.10
cg12061127	1.55E-08	1.58E-09	6.34	10.7774597	4.80E-02	44259912	44260035	NC_000020.10
cg04510564	1.55E-08	1.58E-09	6.34	10.7773392	4.89E-02	27034796	27034919	NC_000007.13
cg07131413	1.55E-08	1.58E-09	6.34	10.7773067	2.69E-02	124827496	124827619	NC_000011.9
cg20984085	1.55E-08	1.58E-09	6.34	10.7771191	2.39E-01	56905032	56905155	NC_000019.9
cg02957799	1.55E-08	1.58E-09	6.34	10.7755642	1.03E-01	52003566	52003689	NC_000019.9
cg23086843	1.55E-08	1.58E-09	6.34	10.7752913	6.07E-02	3017674	3017797	NC_000001.10
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cg03539747	1.55E-08	1.58E-09	6.34	10.7735602	8.55E-02	44590825	44590948	NC_000021.8
cg17871749	1.56E-08	1.58E-09	6.34	10.7729819	1.41E-01	145718669	145718792	NC_000005.9
cg10425861	1.56E-08	1.58E-09	6.34	10.7725489	1.54E-01	60286540	60286663	NC_000015.9
cg24641276	1.56E-08	1.58E-09	6.34	10.7717413	1.27E-01	170743715	170743838	NC_000005.9
cg04469880	1.56E-08	1.59E-09	6.34	10.7707557	1.67E-01	36736565	36736688	NC_000019.9
cg23457588	1.56E-08	1.59E-09	6.34	10.7706228	1.05E-01	130508657	130508780	NC_000010.10
cg02152233	1.56E-08	1.59E-09	6.34	10.770611	8.94E-02	29189789	29189912	NC_000001.10
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cg27065217	1.56E-08	1.59E-09	6.34	10.7703986	1.18E-01	65499369	65499492	NC_000008.10

cg19812613	1.56E-08	1.59E-09	6.34	10.7699448	1.29E-01	108672872	108672995	NC_000003.11
cg02471149	1.56E-08	1.59E-09	6.34	10.7691487	9.47E-02	98221756	98221879	NC_000013.10
cg16421359	1.56E-08	1.59E-09	6.34	10.7687465	1.41E-02	86585801	86585924	NC_000016.9
cg26786382	1.56E-08	1.59E-09	6.34	10.7684033	1.02E-01	61277328	61277451	NC_000011.9
cg07120174	1.56E-08	1.59E-09	6.34	10.7681487	6.24E-02	41351213	41351336	NC_000008.10
cg22121557	1.56E-08	1.59E-09	6.34	10.7681214	1.21E-01	28584138	28584261	NC_000006.11
cg03568957	1.56E-08	1.59E-09	6.34	10.7678257	3.16E-02	6155761	6155884	NC_000012.11
cg06239208	1.56E-08	1.59E-09	6.34	10.7673053	1.83E-01	42543422	42543545	NC_000020.10
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cg10315800	1.57E-08	1.60E-09	6.34	10.7645651	1.01E-01	170728805	170728928	NC_000006.11
cg17340519	1.57E-08	1.60E-09	6.34	10.764537	1.43E-01	224805852	224805975	NC_000001.10
cg01729491	1.57E-08	1.60E-09	6.34	10.7641519	1.50E-01	27225772	27225895	NC_000007.13
cg18022224	1.57E-08	1.60E-09	6.34	10.7634967	1.29E-01	176964404	176964527	NC_000002.11
cg03753391	1.57E-08	1.60E-09	6.34	10.7629254	1.03E-01	59478958	59479081	NC_000017.10
cg01034973	1.57E-08	1.60E-09	6.34	10.7624992	4.88E-02	143459908	143460031	NC_000008.10
cg12034610	1.57E-08	1.60E-09	6.33	10.7613913	7.66E-02	41300769	41300892	NC_000001.10
cg13928649	1.57E-08	1.60E-09	6.33	10.7604481	1.07E-01	133540341	133540464	NC_000009.11
cg13154908	1.58E-08	1.61E-09	6.33	10.7588402	5.00E-02	178869001	178869124	NC_000003.11
cg23415052	1.58E-08	1.61E-09	6.33	10.7578781	6.07E-02	33778427	33778550	NC_000017.10
cg14439150	1.58E-08	1.61E-09	6.33	10.7569894	8.68E-02	1336193	1336316	NC_000008.10
cg13719084	1.58E-08	1.61E-09	6.33	10.7564712	8.98E-02	73697917	73698040	NC_000011.9
cg05308495	1.58E-08	1.61E-09	6.33	10.7558218	1.97E-01	54515169	54515292	NC_000019.9
cg27147819	1.58E-08	1.61E-09	6.33	10.755237	1.26E-01	21378074	21378197	NC_000020.10
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cg07028914	1.58E-08	1.61E-09	6.33	10.754566	1.63E-01	85474090	85474213	NC_000006.11
cg13245152	1.58E-08	1.61E-09	6.33	10.7540638	1.39E-01	31823238	31823361	NC_000011.9
cg10663628	1.58E-08	1.62E-09	6.33	10.7530846	5.19E-02	23798452	23798575	NC_000002.11
cg02892402	1.59E-08	1.62E-09	6.33	10.7528613	6.79E-02	320613	320736	NC_000016.9
cg12773394	1.59E-08	1.62E-09	6.33	10.7527032	1.43E-01	5892965	5893088	NC_000004.11
cg10113191	1.59E-08	1.62E-09	6.33	10.7521072	6.43E-02	1974332	1974455	NC_000011.9
cg21911301	1.59E-08	1.62E-09	6.33	10.7507966	8.32E-02	43946518	43946641	NC_000012.11
cg09839592	1.59E-08	1.62E-09	6.33	10.750784	5.19E-02	239478514	239478637	NC_000002.11
cg02415014	1.59E-08	1.62E-09	6.33	10.7501739	7.98E-02	143852576	143852699	NC_000008.10
cg10743104	1.59E-08	1.62E-09	6.33	10.7498027	1.83E-01	13910206	13910329	NC_000001.10
cg02333517	1.59E-08	1.62E-09	6.33	10.7497331	7.73E-02	19975514	19975637	NC_000003.11
cg23965689	1.59E-08	1.62E-09	6.33	10.7487289	1.35E-01	42394004	42394127	NC_000017.10
cg17845532	1.59E-08	1.62E-09	6.33	10.7486432	1.71E-01	3786643	3786766	NC_000019.9
cg07649562	1.59E-08	1.63E-09	6.33	10.7471683	1.21E-01	132813504	132813627	NC_000011.9
cg27252164	1.59E-08	1.63E-09	6.33	10.7465996	1.08E-01	2292373	2292496	NC_000011.9
cg14025632	1.59E-08	1.63E-09	6.33	10.7464856	2.44E-02	132163023	132163146	NC_000009.11
cg02582203	1.59E-08	1.63E-09	6.33	10.7464347	1.32E-01	43604219	43604342	NC_000011.9
cg02419362	1.60E-08	1.63E-09	6.33	10.7440215	9.55E-02	121203948	121204071	NC_000012.11
cg11907797	1.60E-08	1.63E-09	6.33	10.7436642	1.36E-01	140763125	140763248	NC_000005.9
cg01673994	1.60E-08	1.63E-09	6.33	10.7421402	2.06E-01	89340750	89340873	NC_000008.10
cg22973459	1.60E-08	1.64E-09	6.33	10.7410283	1.17E-01	102637197	102637320	NC_000010.10
cg11558705	1.61E-08	1.64E-09	6.33	10.7396344	1.14E-01	113624596	113624719	NC_000012.11
cg08447324	1.61E-08	1.64E-09	6.33	10.7393438	2.18E-01	51170816	51170939	NC_000019.9
cg05635730	1.61E-08	1.64E-09	6.33	10.7387107	1.38E-01	147096075	147096198	NC_000003.11
cg15591386	1.61E-08	1.64E-09	6.33	10.7384467	8.72E-02	76265299	76265422	NC_000001.10



cg17102325	1.61E-08	1.64E-09	6.33	10.7381575	5.82E-02	35223055	35223178	NC_000001.10
cg27662875	1.61E-08	1.64E-09	6.33	10.7378863	4.47E-02	50165232	50165355	NC_000019.9
cg12578575	1.61E-08	1.64E-09	6.33	10.7378247	9.99E-02	54135140	54135263	NC_000019.9
cg04326499	1.61E-08	1.64E-09	6.33	10.7377172	7.92E-02	45627080	45627203	NC_000006.11
cg00513316	1.61E-08	1.64E-09	6.33	10.7371434	1.23E-01	78632109	78632232	NC_000015.9
cg26003933	1.61E-08	1.65E-09	6.33	10.7350005	1.08E-01	6035549	6035672	NC_000001.10
cg10568624	1.61E-08	1.65E-09	6.33	10.7335719	1.64E-01	100619991	100620114	NC_000009.11
cg23522194	1.62E-08	1.65E-09	6.33	10.7326488	9.91E-02	48565189	48565312	NC_000019.9
cg27390229	1.62E-08	1.65E-09	6.33	10.7324609	2.07E-02	134672917	134673040	NC_000010.10
cg09086312	1.62E-08	1.65E-09	6.33	10.7316813	3.07E-02	80766090	80766213	NC_000017.10
cg10097295	1.62E-08	1.65E-09	6.33	10.7309009	1.01E-01	63789341	63789464	NC_000001.10
cg17459204	1.62E-08	1.66E-09	6.33	10.7291953	2.18E-01	68864523	68864646	NC_000008.10
cg22774681	1.62E-08	1.66E-09	6.33	10.7282728	1.29E-01	14320678	14320801	NC_000019.9
cg17331494	1.62E-08	1.66E-09	6.33	10.7280656	1.51E-01	20693027	20693150	NC_000001.10
cg25942596	1.62E-08	1.66E-09	6.33	10.727248	1.17E-01	82355828	82355951	NC_000015.9
cg15450098	1.63E-08	1.66E-09	6.33	10.7261585	1.07E-01	221057561	221057684	NC_000001.10
cg06911121	1.63E-08	1.66E-09	6.33	10.7258647	1.80E-01	114847164	114847287	NC_000012.11
cg23145322	1.63E-08	1.66E-09	6.33	10.7255103	5.64E-02	15674495	15674618	NC_000003.11
cg23476276	1.63E-08	1.66E-09	6.33	10.7254805	2.11E-02	90629219	90629342	NC_000010.10
cg27154394	1.63E-08	1.66E-09	6.33	10.7248204	3.82E-02	56671146	56671269	NC_000019.9
cg13228715	1.63E-08	1.66E-09	6.33	10.72482	2.25E-02	46037486	46037609	NC_000022.10
cg14845020	1.63E-08	1.66E-09	6.33	10.724764	1.24E-01	55833416	55833539	NC_000020.10
cg20228119	1.63E-08	1.66E-09	6.33	10.7235452	1.01E-01	99288695	99288818	NC_000012.11
cg01072217	1.63E-08	1.67E-09	6.33	10.7225171	1.65E-01	1275483	1275606	NC_000007.13
cg23179976	1.63E-08	1.67E-09	6.33	10.7224017	8.60E-02	122529707	122529830	NC_000007.13

cg06656994	1.63E-08	1.67E-09	6.33	10.7223343	1.63E-01	179713176	179713299	NC_000001.10
cg25103492	1.63E-08	1.67E-09	6.33	10.7221102	1.87E-01	44388958	44389081	NC_000005.9
cg24214152	1.63E-08	1.67E-09	6.33	10.7217556	1.60E-01	85673860	85673983	NC_000012.11
cg13005999	1.63E-08	1.67E-09	6.33	10.721643	2.21E-01	104928055	104928178	NC_000014.8
cg05372597	1.63E-08	1.67E-09	6.33	10.7201262	2.17E-02	16972899	16973022	NC_000001.10
cg12453631	1.64E-08	1.67E-09	6.33	10.7198467	1.16E-01	157812226	157812349	NC_000003.11
cg09801621	1.64E-08	1.67E-09	6.33	10.7191927	3.42E-02	57499367	57499490	NC_000016.9
cg08502159	1.64E-08	1.67E-09	6.33	10.7189696	9.54E-02	31631638	31631761	NC_000006.11
cg07765621	1.64E-08	1.67E-09	6.33	10.7187513	2.06E-01	178018015	178018138	NC_000005.9
cg00333824	1.64E-08	1.67E-09	6.33	10.7178686	1.33E-01	63417605	63417728	NC_000018.9
cg02741216	1.64E-08	1.67E-09	6.33	10.7177251	1.98E-01	98945465	98945588	NC_000010.10
cg24937136	1.64E-08	1.67E-09	6.33	10.7176299	1.11E-01	226593346	226593469	NC_000001.10
cg14192935	1.64E-08	1.68E-09	6.33	10.7175005	1.10E-01	2571396	2571519	NC_000009.11
cg02989521	1.64E-08	1.68E-09	6.33	10.7172217	2.28E-01	107462437	107462560	NC_000011.9
cg22606941	1.64E-08	1.68E-09	6.33	10.7169482	3.95E-02	132872759	132872882	NC_000012.11
cg11420768	1.64E-08	1.68E-09	6.33	10.7151528	2.11E-01	59804421	59804544	NC_000020.10
cg14952359	1.64E-08	1.68E-09	6.33	10.7145136	8.20E-02	35791237	35791360	NC_000019.9
cg08749351	1.64E-08	1.68E-09	6.33	10.7143878	7.25E-02	76899423	76899546	NC_000017.10
cg09073799	1.65E-08	1.68E-09	6.33	10.7124693	1.21E-01	82336202	82336325	NC_000015.9
cg19835136	1.65E-08	1.69E-09	6.33	10.7098154	1.01E-01	17650995	17651118	NC_000019.9
cg23987137	1.66E-08	1.69E-09	6.32	10.7063801	1.12E-01	58653624	58653747	NC_000005.9
cg14897683	1.66E-08	1.70E-09	6.32	10.7045242	4.22E-02	55807184	55807307	NC_000014.8
cg12103265	1.66E-08	1.70E-09	6.32	10.7017537	1.81E-01	34114048	34114171	NC_000019.9
cg26279021	1.67E-08	1.70E-09	6.32	10.7009792	1.32E-01	19158349	19158472	NC_000007.13
cg05845403	1.67E-08	1.71E-09	6.32	10.6998538	1.06E-01	96293882	96294005	NC_000013.10

cg19205994	1.67E-08	1.71E-09	6.32	10.699608	2.02E-01	242688081	242688204	NC_000001.10
cg06581830	1.67E-08	1.71E-09	6.32	10.6990619	1.24E-01	127389156	127389279	NC_000005.9
cg07940198	1.67E-08	1.71E-09	6.32	10.6986814	3.77E-02	74759644	74759767	NC_000004.11
cg27125044	1.67E-08	1.71E-09	6.32	10.6983638	1.45E-01	115134950	115135073	NC_000012.11
cg02916525	1.67E-08	1.71E-09	6.32	10.6978077	5.64E-02	11364202	11364325	NC_000002.11
cg16593242	1.67E-08	1.71E-09	6.32	10.6966424	5.00E-02	23334287	23334410	NC_000020.10
cg16503279	1.67E-08	1.71E-09	6.32	10.6964648	7.61E-02	67267614	67267737	NC_000016.9
cg02846841	1.67E-08	1.71E-09	6.32	10.6960139	1.26E-01	28945341	28945464	NC_000006.11
cg27612650	1.67E-08	1.71E-09	6.32	10.695774	6.76E-02	48352559	48352682	NC_000018.9
cg02037307	1.67E-08	1.71E-09	6.32	10.6951288	1.18E-01	134363562	134363685	NC_000005.9
cg01941881	1.68E-08	1.71E-09	6.32	10.6944821	4.22E-02	105793310	105793433	NC_000014.8
cg15087376	1.68E-08	1.72E-09	6.32	10.6944416	1.54E-01	149113539	149113662	NC_000003.11
cg10071824	1.68E-08	1.72E-09	6.32	10.6942442	2.12E-01	28366759	28366882	NC_000013.10
cg16086373	1.68E-08	1.72E-09	6.32	10.6939253	1.39E-01	5890838	5890961	NC_000018.9
cg14417974	1.68E-08	1.72E-09	6.32	10.6937362	6.97E-02	124058376	124058499	NC_000009.11
cg02719427	1.68E-08	1.72E-09	6.32	10.6931809	1.12E-01	2151725	2151848	NC_000011.9
cg22298430	1.68E-08	1.72E-09	6.32	10.6904427	1.87E-01	5404330	5404453	NC_000017.10
cg12010995	1.68E-08	1.72E-09	6.32	10.6899103	1.55E-01	59413152	59413275	NC_000008.10
cg23744121	1.68E-08	1.72E-09	6.32	10.6898809	8.07E-02	28247065	28247188	NC_000015.9
cg13951272	1.68E-08	1.72E-09	6.32	10.6895243	1.24E-01	135044676	135044799	NC_000009.11
cg02933679	1.68E-08	1.72E-09	6.32	10.6891003	1.33E-01	13910224	13910347	NC_000001.10
cg07146773	1.69E-08	1.73E-09	6.32	10.6881262	8.80E-02	80466042	80466165	NC_000015.9
cg02309594	1.69E-08	1.73E-09	6.32	10.6877583	9.34E-02	32084329	32084452	NC_000001.10
cg26706403	1.69E-08	1.73E-09	6.32	10.6871839	5.06E-02	47211491	47211614	NC_000019.9
cg06759309	1.69E-08	1.73E-09	6.32	10.6871816	6.39E-02	139699305	139699428	NC_000006.11

cg07103068	1.69E-08	1.73E-09	6.32	10.6861398	9.77E-02	66706939	66707062	NC_000002.11
cg02384911	1.69E-08	1.73E-09	6.32	10.6845486	8.82E-02	907886	908009	NC_000017.10
cg24468070	1.69E-08	1.73E-09	6.32	10.684239	1.51E-01	54976501	54976624	NC_000019.9
cg22264930	1.69E-08	1.73E-09	6.32	10.6840981	1.44E-01	15244482	15244605	NC_000017.10
cg00699219	1.69E-08	1.73E-09	6.32	10.6835237	1.05E-01	174422442	174422565	NC_000004.11
cg15425280	1.69E-08	1.74E-09	6.32	10.6826788	1.44E-01	158141492	158141615	NC_000004.11
cg08158778	1.70E-08	1.74E-09	6.32	10.6814902	3.38E-02	49884703	49884826	NC_000022.10
cg03403065	1.70E-08	1.74E-09	6.32	10.6811872	2.13E-01	41818358	41818481	NC_000020.10
cg18733967	1.70E-08	1.74E-09	6.32	10.6802893	6.87E-02	76437211	76437334	NC_000017.10
cg07274618	1.70E-08	1.74E-09	6.32	10.6798898	1.05E-01	74070698	74070821	NC_000017.10
cg24730871	1.70E-08	1.74E-09	6.32	10.6794446	1.50E-02	19516902	19517025	NC_000019.9
cg04711998	1.70E-08	1.74E-09	6.32	10.6792593	1.79E-01	7708869	7708992	NC_000010.10
cg05469826	1.70E-08	1.74E-09	6.32	10.678454	3.96E-02	101844947	101845070	NC_000007.13
cg14629055	1.70E-08	1.74E-09	6.32	10.6783213	7.98E-02	10562978	10563101	NC_000005.9
cg24934063	1.70E-08	1.75E-09	6.32	10.6771937	1.35E-01	121944173	121944296	NC_000007.13
cg25325636	1.70E-08	1.75E-09	6.32	10.6769427	9.37E-02	57766896	57767019	NC_000020.10
cg18333694	1.70E-08	1.75E-09	6.32	10.6768702	5.10E-02	357882	358005	NC_000011.9
cg20007569	1.70E-08	1.75E-09	6.32	10.6762317	1.23E-01	62584726	62584849	NC_000012.11
cg02111032	1.71E-08	1.75E-09	6.32	10.6727331	2.02E-01	20818070	20818193	NC_000007.13
cg24862202	1.71E-08	1.75E-09	6.32	10.6726324	6.47E-02	114401224	114401347	NC_000012.11
cg10126715	1.71E-08	1.76E-09	6.32	10.6707733	1.05E-01	37500195	37500318	NC_000001.10
cg13973820	1.72E-08	1.76E-09	6.32	10.6698434	1.21E-01	55444072	55444195	NC_000006.11
cg13563725	1.72E-08	1.76E-09	6.32	10.6694886	1.41E-01	27212911	27213034	NC_000015.9
cg15690400	1.72E-08	1.76E-09	6.32	10.6690442	1.11E-01	12189847	12189970	NC_000001.10
cg03784436	1.72E-08	1.77E-09	6.32	10.6650657	1.71E-01	19145530	19145653	NC_000007.13

cg26087117	1.72E-08	1.77E-09	6.32	10.664371	1.90E-01	53636229	53636352	NC_000019.9
cg14679607	1.72E-08	1.77E-09	6.32	10.664305	9.10E-02	34527230	34527353	NC_000012.11
cg01821058	1.73E-08	1.77E-09	6.32	10.6617305	1.94E-01	55512870	55512993	NC_000016.9
cg01164686	1.73E-08	1.78E-09	6.32	10.6600026	2.76E-02	2024593	2024716	NC_000001.10
cg08143343	1.73E-08	1.78E-09	6.32	10.6599573	1.55E-01	85307152	85307275	NC_000012.11
cg20360285	1.73E-08	1.78E-09	6.32	10.6594457	8.60E-02	47989345	47989468	NC_000007.13
cg24753998	1.73E-08	1.78E-09	6.32	10.6587126	1.06E-01	30452964	30453087	NC_000021.8
cg00642359	1.74E-08	1.78E-09	6.31	10.6561623	1.48E-01	114841708	114841831	NC_000012.11
cg21406271	1.74E-08	1.79E-09	6.31	10.6553148	1.33E-01	25258082	25258205	NC_000001.10
cg10120856	1.74E-08	1.79E-09	6.31	10.6544646	1.27E-01	157996959	157997082	NC_000004.11
cg22813950	1.74E-08	1.79E-09	6.31	10.6539552	1.12E-01	130645566	130645689	NC_000012.11
cg17737621	1.74E-08	1.79E-09	6.31	10.6539302	1.24E-01	21372480	21372603	NC_000020.10
cg24485954	1.74E-08	1.79E-09	6.31	10.6532918	2.25E-01	5293011	5293134	NC_000019.9
cg07581999	1.74E-08	1.79E-09	6.31	10.6531444	7.25E-02	109030597	109030720	NC_000002.11
cg00694258	1.74E-08	1.79E-09	6.31	10.6530506	1.13E-01	32038939	32039062	NC_000010.10
cg00993484	1.74E-08	1.79E-09	6.31	10.6527076	9.21E-02	1751169	1751292	NC_000002.11
cg16572603	1.75E-08	1.79E-09	6.31	10.6513598	8.35E-02	140725235	140725358	NC_000005.9
cg11142514	1.75E-08	1.79E-09	6.31	10.6509117	1.52E-01	70581427	70581550	NC_000003.11
cg02478023	1.75E-08	1.79E-09	6.31	10.6498774	1.05E-01	57351322	57351445	NC_000019.9
cg18391323	1.75E-08	1.80E-09	6.31	10.6496963	1.09E-01	20716432	20716555	NC_000013.10
cg06811295	1.75E-08	1.80E-09	6.31	10.6495116	1.13E-01	124905890	124906013	NC_000010.10
cg05446127	1.75E-08	1.80E-09	6.31	10.6494819	7.43E-02	75491527	75491650	NC_000010.10
cg06555246	1.75E-08	1.80E-09	6.31	10.6494063	5.78E-02	7991945	7992068	NC_000019.9
cg19863542	1.75E-08	1.80E-09	6.31	10.6492405	1.57E-01	85674140	85674263	NC_000012.11
cg05143633	1.75E-08	1.80E-09	6.31	10.6485935	1.34E-01	132905611	132905734	NC_000012.11

cg20590643	1.75E-08	1.80E-09	6.31	10.6476985	5.48E-02	51766443	51766566	NC_000014.8
cg04281069	1.75E-08	1.80E-09	6.31	10.6471411	7.41E-02	144508118	144508241	NC_000006.11
cg14144025	1.75E-08	1.80E-09	6.31	10.6470539	1.25E-01	13536633	13536756	NC_000004.11
cg15132710	1.75E-08	1.80E-09	6.31	10.6462208	8.63E-02	44237801	44237924	NC_000018.9
cg00374839	1.75E-08	1.80E-09	6.31	10.6460908	1.43E-01	44332454	44332577	NC_000011.9
cg24454829	1.76E-08	1.81E-09	6.31	10.6438736	1.11E-01	22363053	22363176	NC_000011.9
cg06319822	1.76E-08	1.81E-09	6.31	10.6436942	2.08E-01	215960	216083	NC_000016.9
cg09336320	1.76E-08	1.81E-09	6.31	10.6434108	1.81E-01	175224635	175224758	NC_000005.9
cg03884132	1.76E-08	1.81E-09	6.31	10.6429882	1.88E-01	33009531	33009654	NC_000015.9
cg10749822	1.76E-08	1.81E-09	6.31	10.6414672	1.04E-01	44332913	44333036	NC_000011.9
cg07028821	1.76E-08	1.81E-09	6.31	10.6412986	2.73E-01	140773905	140774028	NC_000007.13
cg00130947	1.76E-08	1.81E-09	6.31	10.6405298	1.07E-01	129677367	129677490	NC_000006.11
cg15555527	1.76E-08	1.81E-09	6.31	10.6404115	1.39E-01	80885981	80886104	NC_000004.11
cg16768376	1.76E-08	1.81E-09	6.31	10.6402868	4.65E-02	20392608	20392731	NC_000013.10
cg08062273	1.76E-08	1.81E-09	6.31	10.6398929	1.10E-01	45641120	45641243	NC_000003.11
cg20850055	1.77E-08	1.82E-09	6.31	10.6364499	3.29E-02	101718959	101719082	NC_000008.10
cg09548241	1.77E-08	1.82E-09	6.31	10.636352	6.41E-02	33172509	33172632	NC_000001.10
cg16520288	1.77E-08	1.82E-09	6.31	10.6362859	1.78E-01	58014857	58014980	NC_000012.11
cg23532322	1.77E-08	1.82E-09	6.31	10.6359613	9.74E-02	79088325	79088448	NC_000017.10
cg06909254	1.77E-08	1.82E-09	6.31	10.6356147	9.09E-02	86092937	86093060	NC_000002.11
cg18921025	1.77E-08	1.82E-09	6.31	10.6351137	8.29E-02	30952064	30952187	NC_000006.11
cg19497501	1.78E-08	1.82E-09	6.31	10.6336752	1.30E-01	40755380	40755503	NC_000008.10
cg02894209	1.78E-08	1.83E-09	6.31	10.6335716	8.86E-02	43028463	43028586	NC_000015.9
cg10897223	1.78E-08	1.83E-09	6.31	10.6329329	8.59E-02	30113774	30113897	NC_000006.11
cg01782371	1.78E-08	1.83E-09	6.31	10.631981	1.82E-01	25946347	25946470	NC_000013.10

cg15015920	1.78E-08	1.83E-09	6.31	10.6296174	1.39E-01	16179873	16179996	NC_000005.9
cg25573227	1.78E-08	1.83E-09	6.31	10.6291921	1.42E-01	53286592	53286715	NC_000007.13
cg25900280	1.78E-08	1.83E-09	6.31	10.6290278	1.68E-01	59534847	59534970	NC_000017.10
cg12807794	1.78E-08	1.83E-09	6.31	10.6284463	1.22E-01	591085	591208	NC_000020.10
cg05677184	1.78E-08	1.83E-09	6.31	10.6283586	4.32E-02	85966009	85966132	NC_000016.9
cg09970569	1.79E-08	1.84E-09	6.31	10.6269392	1.76E-01	109094032	109094155	NC_000008.10
cg26124860	1.79E-08	1.84E-09	6.31	10.6268955	1.38E-01	42918681	42918804	NC_000003.11
cg27236096	1.79E-08	1.84E-09	6.31	10.6268657	3.73E-02	2635862	2635985	NC_000016.9
cg04515996	1.79E-08	1.84E-09	6.31	10.6264432	2.15E-01	85474028	85474151	NC_000006.11
cg01343936	1.79E-08	1.84E-09	6.31	10.6262713	5.84E-02	24560026	24560149	NC_000013.10
cg06781608	1.79E-08	1.84E-09	6.31	10.6248206	1.06E-01	157361040	157361163	NC_000007.13
cg02417033	1.79E-08	1.84E-09	6.31	10.6243912	1.20E-01	37851847	37851970	NC_000021.8
cg02627403	1.79E-08	1.84E-09	6.31	10.6242387	1.05E-01	73823769	73823892	NC_000017.10
cg05849109	1.79E-08	1.84E-09	6.31	10.6239408	1.88E-01	180531288	180531411	NC_000005.9
cg04945434	1.79E-08	1.85E-09	6.31	10.6227115	4.97E-02	15668544	15668667	NC_000011.9
cg00987080	1.80E-08	1.85E-09	6.31	10.6218897	2.25E-01	32930837	32930960	NC_000001.10
cg01148441	1.80E-08	1.85E-09	6.31	10.6217495	1.98E-01	43807949	43808072	NC_000022.10
cg24139737	1.80E-08	1.85E-09	6.31	10.6214455	1.48E-01	50323708	50323831	NC_000010.10
cg19925204	1.80E-08	1.85E-09	6.31	10.6193218	1.54E-01	119307692	119307815	NC_000010.10
cg04472083	1.80E-08	1.85E-09	6.31	10.6184557	4.23E-02	34547115	34547238	NC_000012.11
cg24062526	1.80E-08	1.85E-09	6.31	10.6182896	4.42E-02	86255804	86255927	NC_000002.11
cg14128641	1.80E-08	1.86E-09	6.31	10.6174459	1.16E-01	19371927	19372050	NC_000019.9
cg09021626	1.81E-08	1.86E-09	6.31	10.6159686	1.95E-01	40679076	40679199	NC_000002.11
cg18861713	1.81E-08	1.86E-09	6.31	10.6127324	8.52E-02	9766266	9766389	NC_000002.11
cg11779019	1.81E-08	1.87E-09	6.31	10.6122441	1.19E-01	76641116	76641239	NC_000017.10

cg07489502	1.81E-08	1.87E-09	6.31	10.6114976	1.73E-01	140811642	140811765	NC_000005.9
cg26989053	1.81E-08	1.87E-09	6.31	10.6109312	9.50E-02	15148607	15148730	NC_000016.9
cg21818713	1.81E-08	1.87E-09	6.31	10.6109224	1.58E-01	22413582	22413705	NC_000003.11
cg12190841	1.82E-08	1.88E-09	6.31	10.6068584	5.11E-02	38510610	38510733	NC_000017.10
cg03099208	1.83E-08	1.88E-09	6.31	10.604459	1.50E-01	8474544	8474667	NC_000007.13
cg09560953	1.83E-08	1.88E-09	6.3	10.6032964	1.13E-01	23846810	23846933	NC_000003.11
cg22183373	1.83E-08	1.88E-09	6.3	10.6022358	1.22E-01	24806777	24806900	NC_000004.11
cg27429663	1.83E-08	1.89E-09	6.3	10.6017008	5.75E-02	228333784	228333907	NC_000002.11
cg23520521	1.83E-08	1.89E-09	6.3	10.6015703	7.89E-02	131454827	131454950	NC_000011.9
cg25430507	1.83E-08	1.89E-09	6.3	10.6006341	3.84E-02	139539181	139539304	NC_000002.11
cg13777681	1.83E-08	1.89E-09	6.3	10.6004889	1.89E-01	115920221	115920344	NC_000002.11
cg04305943	1.84E-08	1.89E-09	6.3	10.5990517	4.57E-02	203697703	203697826	NC_000001.10
cg13349651	1.84E-08	1.89E-09	6.3	10.5983015	1.87E-01	33936307	33936430	NC_000005.9
cg18083595	1.84E-08	1.89E-09	6.3	10.5982857	8.02E-02	57630661	57630784	NC_000019.9
cg26315277	1.84E-08	1.89E-09	6.3	10.5976179	1.56E-01	31839549	31839672	NC_000011.9
cg22776687	1.84E-08	1.89E-09	6.3	10.5973862	4.50E-02	169326402	169326525	NC_000006.11
cg24293027	1.84E-08	1.89E-09	6.3	10.5970977	8.87E-02	45995039	45995162	NC_000019.9
cg08322240	1.84E-08	1.90E-09	6.3	10.5967066	1.64E-01	77595295	77595418	NC_000008.10
cg12230728	1.84E-08	1.90E-09	6.3	10.5965479	9.83E-02	58021569	58021692	NC_000012.11
cg07006091	1.84E-08	1.90E-09	6.3	10.5948219	1.39E-01	114878487	114878610	NC_000012.11
cg10694781	1.84E-08	1.90E-09	6.3	10.5941977	1.79E-01	132260289	132260412	NC_000007.13
cg10182151	1.85E-08	1.90E-09	6.3	10.5930811	5.92E-02	161575294	161575417	NC_000006.11
cg04075191	1.85E-08	1.90E-09	6.3	10.5930677	1.86E-01	115919785	115919908	NC_000002.11
cg25052040	1.85E-08	1.90E-09	6.3	10.5928948	4.06E-02	109557069	109557192	NC_000002.11
cg04642620	1.85E-08	1.90E-09	6.3	10.5926015	6.40E-02	131650358	131650481	NC_000010.10



cg14518847	1.85E-08	1.90E-09	6.3	10.5923025	6.18E-02	3417275	3417398	NC_000001.10
cg21800232	1.85E-08	1.90E-09	6.3	10.592271	1.49E-01	79866368	79866491	NC_000005.9
cg10752158	1.85E-08	1.91E-09	6.3	10.5911127	1.60E-01	81185022	81185145	NC_000004.11
cg18760534	1.85E-08	1.91E-09	6.3	10.5889485	1.23E-01	2964910	2965033	NC_000002.11
cg08970208	1.86E-08	1.91E-09	6.3	10.5877579	4.21E-02	129951597	129951720	NC_000010.10
cg07939836	1.86E-08	1.91E-09	6.3	10.5868412	1.26E-01	176949533	176949656	NC_000002.11
cg13878023	1.86E-08	1.92E-09	6.3	10.5853565	9.92E-02	43965985	43966108	NC_000012.11
cg10112854	1.86E-08	1.92E-09	6.3	10.5851758	1.03E-01	80839183	80839306	NC_000016.9
cg25800638	1.86E-08	1.92E-09	6.3	10.5844913	1.19E-01	24527092	24527215	NC_000002.11
cg00336220	1.86E-08	1.92E-09	6.3	10.5823734	5.76E-02	96940284	96940407	NC_000002.11
cg17227941	1.87E-08	1.93E-09	6.3	10.5813762	9.34E-02	132449554	132449677	NC_000012.11
cg20484322	1.87E-08	1.93E-09	6.3	10.5804707	7.44E-02	67817309	67817432	NC_000011.9
cg05355757	1.87E-08	1.93E-09	6.3	10.5801259	1.51E-01	16762831	16762954	NC_000012.11
cg07477792	1.87E-08	1.93E-09	6.3	10.5799814	1.57E-01	117716071	117716194	NC_000003.11
cg16987524	1.87E-08	1.93E-09	6.3	10.5798806	1.11E-01	112939425	112939548	NC_000002.11
cg14681511	1.87E-08	1.93E-09	6.3	10.5792269	1.13E-01	140805681	140805804	NC_000005.9
cg03460109	1.87E-08	1.93E-09	6.3	10.5791581	9.18E-02	7427313	7427436	NC_000004.11
cg08653112	1.87E-08	1.93E-09	6.3	10.5788288	4.00E-02	60284695	60284818	NC_000001.10
cg07204280	1.87E-08	1.93E-09	6.3	10.5788048	2.00E-01	12254551	12254674	NC_000018.9
cg25763036	1.87E-08	1.93E-09	6.3	10.5784831	1.49E-01	13540946	13541069	NC_000004.11
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cg05956452	1.88E-08	1.94E-09	6.3	10.5745467	1.13E-01	158018138	158018261	NC_000006.11
cg01756103	1.88E-08	1.94E-09	6.3	10.5738997	8.94E-02	40388578	40388701	NC_000022.10
cg22971191	1.88E-08	1.94E-09	6.3	10.5735393	8.56E-02	103719706	103719829	NC_000013.10
cg19413725	1.88E-08	1.94E-09	6.3	10.5733947	1.19E-01	152351973	152352096	NC_000004.11

cg22874188	1.88E-08	1.94E-09	6.3	10.5727725	4.86E-02	150555302	150555425	NC_000007.13
cg25351565	1.88E-08	1.94E-09	6.3	10.5713513	1.42E-01	118033273	118033396	NC_000010.10
cg11580948	1.89E-08	1.95E-09	6.3	10.5707608	1.65E-01	81188405	81188528	NC_000004.11
cg03882001	1.89E-08	1.95E-09	6.3	10.5706506	7.59E-02	72160214	72160337	NC_000017.10
cg20334116	1.89E-08	1.95E-09	6.3	10.5702075	4.76E-02	57458636	57458759	NC_000004.11
cg03724990	1.89E-08	1.95E-09	6.3	10.5691915	1.61E-01	85473195	85473318	NC_000006.11
cg08146717	1.89E-08	1.95E-09	6.3	10.5685952	3.40E-02	8975200	8975323	NC_000001.10
cg00195796	1.89E-08	1.95E-09	6.3	10.5678735	1.55E-01	181444131	181444254	NC_000003.11
cg07327468	1.89E-08	1.96E-09	6.3	10.5662423	1.35E-01	133561765	133561888	NC_000006.11
cg00003969	1.89E-08	1.96E-09	6.3	10.5656224	2.10E-02	82925333	82925456	NC_000015.9
cg00729656	1.90E-08	1.96E-09	6.3	10.5645312	5.74E-02	98552702	98552825	NC_000007.13
cg00983583	1.90E-08	1.96E-09	6.3	10.5627094	1.54E-01	117587155	117587278	NC_000006.11
cg14129397	1.90E-08	1.97E-09	6.3	10.5609826	1.64E-01	78451961	78452084	NC_000017.10
cg08054010	1.90E-08	1.97E-09	6.3	10.5609249	5.25E-02	194877369	194877492	NC_000003.11
cg25948328	1.91E-08	1.97E-09	6.3	10.5585182	7.11E-02	119768195	119768318	NC_000010.10
cg03900808	1.91E-08	1.98E-09	6.3	10.5560431	5.16E-02	149871453	149871576	NC_000005.9
cg20254790	1.91E-08	1.98E-09	6.3	10.5557756	8.28E-02	1084473	1084596	NC_000001.10
cg09601584	1.91E-08	1.98E-09	6.3	10.5546532	1.12E-01	46673910	46674033	NC_000017.10
cg09305047	1.91E-08	1.98E-09	6.3	10.554652	9.04E-02	33809215	33809338	NC_000002.11
cg05760765	1.92E-08	1.98E-09	6.3	10.5544541	1.43E-01	125243098	125243221	NC_000012.11
cg23291854	1.92E-08	1.98E-09	6.3	10.5536105	1.72E-01	88792913	88793036	NC_000014.8
cg13601496	1.92E-08	1.98E-09	6.3	10.5531522	1.47E-01	28339487	28339610	NC_000021.8
cg11027822	1.92E-08	1.98E-09	6.3	10.5528741	1.10E-01	173298550	173298673	NC_000002.11
cg24213719	1.92E-08	1.98E-09	6.3	10.5527072	1.79E-01	60263646	60263769	NC_000018.9
cg24139093	1.92E-08	1.98E-09	6.3	10.551849	1.38E-01	97491245	97491368	NC_000015.9

cg13683516	1.92E-08	1.98E-09	6.29	10.5516523	1.38E-02	56618066	56618189	NC_000012.11
cg15562220	1.92E-08	1.99E-09	6.29	10.5509522	1.62E-01	25652395	25652518	NC_000006.11
cg23529138	1.92E-08	1.99E-09	6.29	10.5505382	1.29E-01	124739010	124739133	NC_000011.9
cg17854320	1.92E-08	1.99E-09	6.29	10.5502945	1.14E-01	24829245	24829368	NC_000001.10
cg19196221	1.92E-08	1.99E-09	6.29	10.5492313	1.07E-01	56215575	56215698	NC_000019.9
cg14126093	1.93E-08	1.99E-09	6.29	10.548312	3.68E-02	128905086	128905209	NC_000006.11
cg03335262	1.93E-08	1.99E-09	6.29	10.5480094	7.23E-02	140536920	140537043	NC_000005.9
cg20159193	1.93E-08	2.00E-09	6.29	10.5453056	5.77E-02	34352082	34352205	NC_000006.11
cg08761909	1.93E-08	2.00E-09	6.29	10.5448597	1.17E-01	95796595	95796718	NC_000010.10
cg09887007	1.93E-08	2.00E-09	6.29	10.5440907	1.49E-01	29069503	29069626	NC_000013.10
cg11405534	1.94E-08	2.00E-09	6.29	10.5433018	1.03E-01	50694849	50694972	NC_000005.9
cg20025656	1.94E-08	2.00E-09	6.29	10.5424575	1.24E-01	229570230	229570353	NC_000001.10
cg09514524	1.94E-08	2.00E-09	6.29	10.541994	1.71E-01	145729799	145729922	NC_000008.10
cg15724184	1.94E-08	2.00E-09	6.29	10.5419703	1.97E-01	70346477	70346600	NC_000014.8
cg04046669	1.94E-08	2.00E-09	6.29	10.5418136	1.19E-01	30476206	30476329	NC_000022.10
cg25078137	1.94E-08	2.00E-09	6.29	10.5416564	1.52E-01	46698598	46698721	NC_000017.10
cg17255150	1.94E-08	2.01E-09	6.29	10.540525	5.41E-02	20467917	20468040	NC_000017.10
cg12542670	1.94E-08	2.01E-09	6.29	10.5399264	7.94E-02	150379047	150379170	NC_000006.11
cg09542499	1.94E-08	2.01E-09	6.29	10.5387517	1.04E-01	118369938	118370061	NC_000010.10
cg17848763	1.94E-08	2.01E-09	6.29	10.5380907	1.57E-01	127414381	127414504	NC_000002.11
cg02093112	1.95E-08	2.02E-09	6.29	10.5364807	2.13E-01	6679495	6679618	NC_000017.10
cg03958979	1.95E-08	2.02E-09	6.29	10.5350796	1.17E-01	108486387	108486510	NC_000006.11
cg06374472	1.95E-08	2.02E-09	6.29	10.5350636	1.01E-01	132891457	132891580	NC_000006.11
cg04241342	1.95E-08	2.02E-09	6.29	10.5349768	7.75E-02	16336321	16336444	NC_000001.10
cg22152446	1.95E-08	2.02E-09	6.29	10.534817	7.41E-02	48754953	48755076	NC_000004.11

cg01453281	1.95E-08	2.02E-09	6.29	10.534284	9.62E-02	105475049	105475172	NC_000002.11
cg26958735	1.95E-08	2.02E-09	6.29	10.533751	1.47E-01	130236259	130236382	NC_000003.11
cg25684640	1.95E-08	2.02E-09	6.29	10.5330427	1.41E-01	1277154	1277277	NC_000007.13
cg25150440	1.95E-08	2.02E-09	6.29	10.5330022	9.88E-02	136553088	136553211	NC_000007.13
cg21011616	1.96E-08	2.02E-09	6.29	10.532536	1.42E-01	177015992	177016115	NC_000002.11
cg07838603	1.96E-08	2.03E-09	6.29	10.528568	1.85E-01	28411030	28411153	NC_000006.11
cg18668821	1.96E-08	2.03E-09	6.29	10.5277962	5.24E-02	75425832	75425955	NC_000002.11
cg27260174	1.97E-08	2.04E-09	6.29	10.5251263	5.60E-02	41576763	41576886	NC_000008.10
cg24456130	1.97E-08	2.04E-09	6.29	10.5241265	1.06E-01	131768029	131768152	NC_000010.10
cg01545223	1.97E-08	2.05E-09	6.29	10.5222841	6.85E-02	22801034	22801157	NC_000019.9
cg08040012	1.98E-08	2.05E-09	6.29	10.521951	1.01E-01	37247586	37247709	NC_000004.11
cg06434255	1.98E-08	2.05E-09	6.29	10.5211201	6.67E-02	29556229	29556352	NC_000006.11
cg11495377	1.98E-08	2.05E-09	6.29	10.5210732	1.25E-01	545645	545768	NC_000002.11
cg14032667	1.98E-08	2.05E-09	6.29	10.5204576	4.99E-02	96707427	96707550	NC_000014.8
cg19858749	1.98E-08	2.05E-09	6.29	10.5200456	1.31E-01	114882068	114882191	NC_000012.11
cg23346625	1.98E-08	2.05E-09	6.29	10.5199387	4.14E-02	146619708	146619831	NC_000005.9
cg24044957	1.98E-08	2.05E-09	6.29	10.5197519	8.39E-02	69931461	69931584	NC_000011.9
cg12975597	1.98E-08	2.05E-09	6.29	10.5194524	1.07E-01	22897079	22897202	NC_000006.11
cg22648135	1.98E-08	2.05E-09	6.29	10.5180743	1.38E-01	140767318	140767441	NC_000005.9
cg13351141	1.98E-08	2.06E-09	6.29	10.5172139	9.05E-02	150802828	150802951	NC_000003.11
cg10683251	1.99E-08	2.06E-09	6.29	10.5165558	1.45E-01	686927	687050	NC_000008.10
cg20241256	1.99E-08	2.06E-09	6.29	10.5161631	2.01E-01	207139131	207139254	NC_000002.11
cg05581451	1.99E-08	2.06E-09	6.29	10.5159706	1.15E-01	111553999	111554122	NC_000004.11
cg19743545	1.99E-08	2.06E-09	6.29	10.5152014	1.16E-01	237085808	237085931	NC_000002.11
cg14165900	1.99E-08	2.06E-09	6.29	10.5148059	5.44E-02	203148900	203149023	NC_000001.10

cg24788194	1.99E-08	2.06E-09	6.29	10.5144213	1.71E-01	3641652	3641775	NC_000020.10
cg15132673	1.99E-08	2.06E-09	6.29	10.5143623	1.56E-01	39998199	39998322	NC_000019.9
cg05023151	1.99E-08	2.06E-09	6.29	10.5142889	8.47E-02	45974392	45974515	NC_000019.9
cg01141459	1.99E-08	2.06E-09	6.29	10.5132087	1.23E-01	30476452	30476575	NC_000022.10
cg09184429	1.99E-08	2.06E-09	6.29	10.5131729	2.13E-01	62103400	62103523	NC_000020.10
cg16056272	1.99E-08	2.07E-09	6.29	10.5116253	9.17E-02	183616968	183617091	NC_000001.10
cg08923114	2.00E-08	2.07E-09	6.29	10.5101424	7.06E-02	57030880	57031003	NC_000008.10
cg20995055	2.00E-08	2.07E-09	6.29	10.5100405	1.81E-01	45270896	45271019	NC_000012.11
cg16563203	2.00E-08	2.07E-09	6.29	10.5098136	5.42E-02	49040786	49040909	NC_000008.10
cg18024167	2.00E-08	2.07E-09	6.29	10.5091907	1.20E-01	83016779	83016902	NC_000005.9
cg14953026	2.00E-08	2.08E-09	6.29	10.5075336	3.86E-02	144257685	144257808	NC_000004.11
cg01941895	2.01E-08	2.08E-09	6.29	10.5060513	1.22E-01	25062771	25062894	NC_000020.10
cg27189087	2.01E-08	2.08E-09	6.29	10.5060439	2.26E-01	56941246	56941369	NC_000018.9
cg08325191	2.01E-08	2.08E-09	6.29	10.5059177	1.88E-01	134756610	134756733	NC_000010.10
cg03548463	2.01E-08	2.08E-09	6.29	10.5054023	3.34E-02	1603847	1603970	NC_000001.10
cg27100471	2.01E-08	2.08E-09	6.29	10.5048384	1.33E-01	794834	794957	NC_000011.9
cg26911220	2.01E-08	2.08E-09	6.29	10.5046053	1.93E-01	228652478	228652601	NC_000001.10
cg06538709	2.01E-08	2.09E-09	6.29	10.5019717	1.16E-01	48654011	48654134	NC_000008.10
cg00590029	2.01E-08	2.09E-09	6.29	10.5017522	1.19E-01	114838618	114838741	NC_000012.11
cg06951011	2.02E-08	2.10E-09	6.28	10.4985237	3.83E-02	20996704	20996827	NC_000016.9
cg15400655	2.02E-08	2.10E-09	6.28	10.4978909	1.17E-01	107995	108118	NC_000004.11
cg26410821	2.02E-08	2.10E-09	6.28	10.4971358	3.94E-02	59660101	59660224	NC_000014.8
cg11611600	2.02E-08	2.10E-09	6.28	10.496888	1.48E-01	84323154	84323277	NC_000015.9
cg08734647	2.02E-08	2.10E-09	6.28	10.4961697	1.71E-01	1922400	1922523	NC_000016.9
cg00685480	2.03E-08	2.10E-09	6.28	10.4959027	5.65E-02	127950142	127950265	NC_000009.11

cg12490835	2.03E-08	2.10E-09	6.28	10.4955239	1.17E-01	22623821	22623944	NC_000010.10
cg24792682	2.03E-08	2.10E-09	6.28	10.495283	1.64E-01	118031632	118031755	NC_000010.10
cg27183679	2.03E-08	2.10E-09	6.28	10.4952301	1.19E-01	111562545	111562668	NC_000004.11
cg03960220	2.03E-08	2.10E-09	6.28	10.4949523	3.44E-02	20428129	20428252	NC_000002.11
cg26068677	2.03E-08	2.10E-09	6.28	10.4941766	1.41E-01	92282995	92283118	NC_000011.9
cg26321840	2.03E-08	2.11E-09	6.28	10.4934305	9.37E-02	49241685	49241808	NC_000008.10
cg20925383	2.03E-08	2.11E-09	6.28	10.4932638	6.53E-02	50702410	50702533	NC_000013.10
cg22789515	2.04E-08	2.11E-09	6.28	10.4898701	7.48E-02	233432915	233433038	NC_000001.10
cg17094985	2.04E-08	2.11E-09	6.28	10.4898124	1.66E-01	159756929	159757052	NC_000003.11
cg23697546	2.04E-08	2.12E-09	6.28	10.4883429	2.05E-01	54424085	54424208	NC_000012.11
cg14686012	2.04E-08	2.12E-09	6.28	10.4863011	1.70E-01	40679086	40679209	NC_000002.11
cg10090861	2.05E-08	2.12E-09	6.28	10.4854625	6.22E-02	11829489	11829612	NC_000016.9
cg02120584	2.05E-08	2.13E-09	6.28	10.4841635	1.04E-01	45171340	45171463	NC_000002.11
cg01516851	2.05E-08	2.13E-09	6.28	10.4839174	1.42E-01	28945338	28945461	NC_000006.11
cg21184256	2.05E-08	2.13E-09	6.28	10.4821814	2.03E-01	124709796	124709919	NC_000011.9
cg01403811	2.05E-08	2.13E-09	6.28	10.4821802	5.18E-02	37771001	37771124	NC_000022.10
cg03353047	2.05E-08	2.13E-09	6.28	10.4821378	1.18E-01	24331904	24332027	NC_000010.10
cg19461519	2.05E-08	2.13E-09	6.28	10.4815913	4.62E-02	100141423	100141546	NC_000014.8
cg24733126	2.05E-08	2.13E-09	6.28	10.4810334	5.44E-02	9112214	9112337	NC_000011.9
cg03349020	2.05E-08	2.13E-09	6.28	10.4804557	2.01E-01	744861	744984	NC_000016.9
cg15899948	2.06E-08	2.14E-09	6.28	10.4799862	1.84E-01	128301146	128301269	NC_000005.9
cg19792099	2.06E-08	2.14E-09	6.28	10.4796541	5.55E-02	64935374	64935497	NC_000014.8
cg02164225	2.06E-08	2.14E-09	6.28	10.4792012	1.73E-01	176977773	176977896	NC_000002.11
cg06331333	2.06E-08	2.14E-09	6.28	10.4785003	9.80E-02	145938697	145938820	NC_000008.10
cg09143673	2.06E-08	2.14E-09	6.28	10.477351	1.32E-01	172664439	172664562	NC_000005.9

cg05893674	2.06E-08	2.14E-09	6.28	10.4771158	6.17E-02	96495966	96496089	NC_000003.11
cg04945076	2.06E-08	2.14E-09	6.28	10.4767228	1.34E-01	131237654	131237777	NC_000012.11
cg23067466	2.06E-08	2.14E-09	6.28	10.4766755	7.96E-02	53117551	53117674	NC_000003.11
cg19425969	2.06E-08	2.14E-09	6.28	10.4757522	1.20E-01	157291474	157291597	NC_000007.13
cg11136386	2.07E-08	2.15E-09	6.28	10.4748079	8.58E-02	63419134	63419257	NC_000010.10
cg26014538	2.07E-08	2.15E-09	6.28	10.4740183	1.81E-01	147126763	147126886	NC_000003.11
cg12024050	2.07E-08	2.15E-09	6.28	10.4737641	1.75E-02	26435291	26435414	NC_000008.10
cg14445914	2.07E-08	2.15E-09	6.28	10.473411	9.47E-02	41556933	41557056	NC_000008.10
cg19029127	2.07E-08	2.15E-09	6.28	10.4729898	1.26E-01	37604497	37604620	NC_000004.11
cg10506057	2.07E-08	2.15E-09	6.28	10.4726417	6.34E-02	40951258	40951381	NC_000017.10
cg17223170	2.07E-08	2.15E-09	6.28	10.4723649	1.10E-01	50468642	50468765	NC_000005.9
cg04994084	2.07E-08	2.15E-09	6.28	10.4717996	1.87E-01	44941360	44941483	NC_000020.10
cg12403137	2.07E-08	2.15E-09	6.28	10.4716539	1.69E-01	89867809	89867932	NC_000011.9
cg13218903	2.07E-08	2.16E-09	6.28	10.4708013	2.06E-01	154335379	154335502	NC_000002.11
cg10526478	2.07E-08	2.16E-09	6.28	10.4704089	8.93E-02	85936211	85936334	NC_000016.9
cg27189803	2.07E-08	2.16E-09	6.28	10.4701381	8.26E-02	80416566	80416689	NC_000010.10
cg25851597	2.08E-08	2.16E-09	6.28	10.46824	1.62E-01	89248474	89248597	NC_000015.9
cg03612357	2.08E-08	2.16E-09	6.28	10.4666051	1.40E-01	227162127	227162250	NC_000001.10
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cg09313436	2.08E-08	2.17E-09	6.28	10.4658105	2.24E-02	49960191	49960314	NC_000012.11
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cg23505303	2.09E-08	2.17E-09	6.28	10.4629428	1.58E-01	70534110	70534233	NC_000018.9
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cg02283662	2.09E-08	2.17E-09	6.28	10.4626592	3.69E-02	76106981	76107104	NC_000017.10
cg06834912	2.09E-08	2.17E-09	6.28	10.462125	1.34E-01	86547203	86547326	NC_000016.9

cg23623252	2.09E-08	2.18E-09	6.28	10.4603537	1.02E-01	59386016	59386139	NC_000014.8
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cg16404040	2.10E-08	2.19E-09	6.28	10.4564553	1.48E-01	106974832	106974955	NC_000012.11
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cg17818471	2.10E-08	2.19E-09	6.28	10.4556385	1.05E-01	177012640	177012763	NC_000002.11
cg08173515	2.11E-08	2.19E-09	6.28	10.4539668	1.89E-01	21657529	21657652	NC_000019.9
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cg11113759	2.11E-08	2.20E-09	6.28	10.4529509	2.59E-02	105886081	105886204	NC_000014.8
cg23143313	2.11E-08	2.20E-09	6.28	10.4520641	1.09E-01	129251318	129251441	NC_000006.11
cg23042796	2.11E-08	2.20E-09	6.28	10.4518349	1.98E-01	89065350	89065473	NC_000002.11
cg07495755	2.11E-08	2.20E-09	6.28	10.4517636	4.97E-02	77562351	77562474	NC_000018.9
cg04014576	2.11E-08	2.20E-09	6.28	10.4508794	2.37E-01	34112818	34112941	NC_000006.11
cg22628281	2.11E-08	2.20E-09	6.28	10.450871	1.50E-01	114839007	114839130	NC_000012.11
cg25179685	2.12E-08	2.20E-09	6.28	10.4491169	9.65E-02	54154528	54154651	NC_000008.10
cg27494429	2.12E-08	2.21E-09	6.28	10.4477122	6.53E-02	997540	997663	NC_000004.11
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cg03269020	2.12E-08	2.21E-09	6.27	10.4462572	7.10E-02	109444752	109444875	NC_000013.10
cg16340446	2.12E-08	2.21E-09	6.27	10.4450685	2.71E-02	179318612	179318735	NC_000003.11
cg19333963	2.13E-08	2.22E-09	6.27	10.4437467	1.79E-01	1467979	1468102	NC_000019.9
cg20637688	2.13E-08	2.22E-09	6.27	10.4418343	1.28E-01	117036703	117036826	NC_000012.11
cg06712792	2.13E-08	2.22E-09	6.27	10.4412496	6.26E-02	8942512	8942635	NC_000016.9
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cg04293770	2.14E-08	2.23E-09	6.27	10.4394674	4.75E-02	148330536	148330659	NC_000005.9
cg15476528	2.14E-08	2.23E-09	6.27	10.4390415	2.23E-01	23821596	23821719	NC_000014.8
cg00910203	2.14E-08	2.23E-09	6.27	10.4388331	8.38E-02	21276802	21276925	NC_000017.10
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cg12204343	2.14E-08	2.23E-09	6.27	10.4380111	1.24E-01	87964048	87964171	NC_000005.9
cg10694030	2.14E-08	2.23E-09	6.27	10.4377567	1.79E-01	54393460	54393583	NC_000012.11
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cg22975913	2.15E-08	2.24E-09	6.27	10.433398	2.21E-01	32457727	32457850	NC_000011.9
cg24157892	2.15E-08	2.24E-09	6.27	10.4332069	1.98E-01	59473707	59473830	NC_000017.10
cg02588107	2.15E-08	2.24E-09	6.27	10.4330212	2.06E-01	207669716	207669839	NC_000001.10
cg14889643	2.15E-08	2.24E-09	6.27	10.4324275	1.58E-01	60985636	60985759	NC_000018.9
cg23095192	2.15E-08	2.24E-09	6.27	10.4311873	1.22E-01	145271307	145271430	NC_000002.11
cg05771767	2.16E-08	2.25E-09	6.27	10.4298729	4.35E-02	30578981	30579104	NC_000006.11
cg04450599	2.16E-08	2.25E-09	6.27	10.4297531	8.80E-02	74277723	74277846	NC_000004.11
cg11279444	2.16E-08	2.25E-09	6.27	10.429602	2.17E-01	53099053	53099176	NC_000001.10
cg24073311	2.16E-08	2.25E-09	6.27	10.4293855	2.98E-02	77734959	77735082	NC_000011.9
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cg15719043	2.16E-08	2.25E-09	6.27	10.428063	5.59E-02	201120964	201121087	NC_000001.10
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cg16263887	2.16E-08	2.26E-09	6.27	10.4264922	1.77E-01	190939230	190939353	NC_000004.11
cg14804129	2.16E-08	2.26E-09	6.27	10.4261334	4.25E-02	5110798	5110921	NC_000019.9
cg09224821	2.17E-08	2.26E-09	6.27	10.4242434	1.68E-01	80329944	80330067	NC_000017.10

cg11466449	2.17E-08	2.26E-09	6.27	10.4228876	1.36E-01	135842613	135842736	NC_000008.10
cg24643282	2.17E-08	2.27E-09	6.27	10.4220544	1.37E-01	240256019	240256142	NC_000001.10
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cg10095577	2.17E-08	2.27E-09	6.27	10.4208859	1.11E-01	75600421	75600544	NC_000001.10
cg06779469	2.18E-08	2.27E-09	6.27	10.420132	1.64E-01	142494744	142494867	NC_000007.13
cg01081346	2.18E-08	2.27E-09	6.27	10.4187243	9.22E-02	51017151	51017274	NC_000022.10
cg04236178	2.18E-08	2.27E-09	6.27	10.4186324	1.10E-01	217310572	217310695	NC_000001.10
cg16099846	2.18E-08	2.27E-09	6.27	10.4182415	9.09E-02	155860261	155860384	NC_000001.10
cg12862851	2.18E-08	2.28E-09	6.27	10.417329	1.59E-02	74203132	74203255	NC_000018.9
cg13153009	2.18E-08	2.28E-09	6.27	10.4167487	4.20E-02	144561626	144561749	NC_000008.10
cg11360755	2.19E-08	2.28E-09	6.27	10.4145201	8.22E-02	496069	496192	NC_000005.9
cg00852549	2.19E-08	2.28E-09	6.27	10.4142368	1.75E-01	8473457	8473580	NC_000007.13
cg03259038	2.20E-08	2.29E-09	6.27	10.410896	3.23E-02	41630690	41630813	NC_000019.9
cg25421111	2.20E-08	2.30E-09	6.27	10.4091897	1.07E-01	89018418	89018541	NC_000005.9
cg26475742	2.20E-08	2.30E-09	6.27	10.4089047	6.37E-02	150551373	150551496	NC_000007.13
cg27118059	2.20E-08	2.30E-09	6.27	10.408339	2.56E-01	32931471	32931594	NC_000021.8
cg03355781	2.21E-08	2.31E-09	6.27	10.4050033	3.45E-02	31485256	31485379	NC_000016.9
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cg18328998	2.21E-08	2.31E-09	6.27	10.4044682	7.66E-02	32857872	32857995	NC_000016.9
cg15126862	2.21E-08	2.31E-09	6.27	10.4034622	5.83E-02	100696271	100696394	NC_000011.9
cg24587297	2.21E-08	2.31E-09	6.27	10.4034543	1.41E-01	151534222	151534345	NC_000002.11
cg14722082	2.21E-08	2.31E-09	6.27	10.4028485	7.02E-02	134399375	134399498	NC_000005.9
cg24633027	2.21E-08	2.31E-09	6.27	10.4026579	6.44E-02	140754314	140754437	NC_000005.9
cg05788927	2.21E-08	2.31E-09	6.27	10.402569	1.03E-01	24532473	24532596	NC_000011.9
cg07486383	2.21E-08	2.31E-09	6.27	10.4019794	1.74E-01	37838363	37838486	NC_000005.9

cg08618451	2.22E-08	2.32E-09	6.27	10.4006954	1.40E-01	96117388	96117511	NC_000005.9
cg05336115	2.22E-08	2.32E-09	6.27	10.4004581	1.92E-01	983104	983227	NC_000020.10
cg08111167	2.22E-08	2.32E-09	6.27	10.4002462	1.68E-01	82135987	82136110	NC_000004.11
cg08982904	2.22E-08	2.32E-09	6.27	10.3989889	5.31E-02	43127238	43127361	NC_000008.10
cg20008164	2.22E-08	2.32E-09	6.27	10.3989334	1.01E-01	54307529	54307652	NC_000017.10
cg26256401	2.22E-08	2.32E-09	6.27	10.3979234	1.93E-01	44037543	44037666	NC_000003.11
cg11733769	2.22E-08	2.32E-09	6.27	10.3974813	9.20E-02	77532565	77532688	NC_000018.9
cg05463307	2.22E-08	2.32E-09	6.27	10.3970041	4.46E-02	138729779	138729902	NC_000006.11
cg01100175	2.22E-08	2.32E-09	6.27	10.3968398	1.23E-01	149645880	149646003	NC_000002.11
cg08572336	2.22E-08	2.33E-09	6.27	10.3967006	7.84E-02	51165404	51165527	NC_000019.9
cg20211422	2.22E-08	2.33E-09	6.27	10.3966191	2.40E-02	66059599	66059722	NC_000011.9
cg26500934	2.23E-08	2.33E-09	6.27	10.3948675	2.29E-02	242566940	242567063	NC_000002.11
cg09425164	2.23E-08	2.33E-09	6.26	10.3946646	9.02E-02	85552114	85552237	NC_000015.9
cg13481638	2.23E-08	2.33E-09	6.26	10.3940967	1.62E-01	91957660	91957783	NC_000011.9
cg07370315	2.23E-08	2.33E-09	6.26	10.3931491	1.44E-01	44106937	44107060	NC_000003.11
cg13916740	2.24E-08	2.34E-09	6.26	10.3909546	2.41E-01	56904997	56905120	NC_000019.9
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cg09786098	2.24E-08	2.34E-09	6.26	10.3903958	1.15E-01	3016378	3016501	NC_000016.9
cg23873703	2.24E-08	2.34E-09	6.26	10.3894507	1.01E-01	155838625	155838748	NC_000003.11
cg06626786	2.24E-08	2.34E-09	6.26	10.3886995	4.92E-02	36094858	36094981	NC_000021.8
cg02860749	2.24E-08	2.34E-09	6.26	10.3884929	3.80E-02	18780299	18780422	NC_000019.9
cg09053611	2.24E-08	2.35E-09	6.26	10.3877946	1.01E-01	123196675	123196798	NC_000007.13
cg02776375	2.25E-08	2.35E-09	6.26	10.3866048	4.09E-02	219507531	219507654	NC_000002.11
cg18885872	2.25E-08	2.35E-09	6.26	10.3862716	8.40E-02	42973001	42973124	NC_000010.10
cg26717476	2.25E-08	2.35E-09	6.26	10.3856715	8.92E-02	45522509	45522632	NC_000020.10

cg22620614	2.25E-08	2.35E-09	6.26	10.3849535	3.91E-02	70794709	70794832	NC_000011.9
cg02150867	2.25E-08	2.35E-09	6.26	10.3842709	1.35E-01	42075865	42075988	NC_000014.8
cg15681537	2.25E-08	2.36E-09	6.26	10.3837551	1.75E-01	22370733	22370856	NC_000021.8
cg00829961	2.25E-08	2.36E-09	6.26	10.3832285	1.78E-01	25909326	25909449	NC_000008.10
cg16023283	2.25E-08	2.36E-09	6.26	10.3831185	8.50E-02	106938234	106938357	NC_000014.8
cg24302412	2.25E-08	2.36E-09	6.26	10.3830599	8.88E-02	29595196	29595319	NC_000006.11
cg24663311	2.25E-08	2.36E-09	6.26	10.3828814	1.76E-01	191224886	191225009	NC_000002.11
cg01821088	2.25E-08	2.36E-09	6.26	10.3823103	1.04E-01	23832010	23832133	NC_000002.11
cg13052796	2.26E-08	2.36E-09	6.26	10.3801366	7.62E-02	37259802	37259925	NC_000021.8
cg12406822	2.26E-08	2.37E-09	6.26	10.3798314	8.09E-02	226033550	226033673	NC_000001.10
cg03288168	2.26E-08	2.37E-09	6.26	10.3791385	9.97E-02	10784468	10784591	NC_000004.11
cg17593512	2.26E-08	2.37E-09	6.26	10.3786194	1.19E-01	40441513	40441636	NC_000004.11
cg07949989	2.26E-08	2.37E-09	6.26	10.3779745	1.12E-01	26747075	26747198	NC_000006.11
cg15663348	2.27E-08	2.37E-09	6.26	10.3771195	4.79E-02	67617289	67617412	NC_000018.9
cg09247779	2.27E-08	2.37E-09	6.26	10.3766797	5.05E-02	5947349	5947472	NC_000001.10
cg23699098	2.27E-08	2.38E-09	6.26	10.3758549	5.73E-02	1008880	1009003	NC_000011.9
cg12334793	2.27E-08	2.38E-09	6.26	10.3756359	1.50E-01	102977342	102977465	NC_000010.10
cg03753683	2.27E-08	2.38E-09	6.26	10.3742872	1.19E-01	134791323	134791446	NC_000010.10
cg21754400	2.27E-08	2.38E-09	6.26	10.3735308	1.46E-01	81471649	81471772	NC_000012.11
cg08098598	2.28E-08	2.38E-09	6.26	10.372339	9.57E-02	74940334	74940457	NC_000017.10
cg00373397	2.28E-08	2.38E-09	6.26	10.3720017	7.59E-02	49146166	49146289	NC_000022.10
cg03630088	2.28E-08	2.39E-09	6.26	10.3716767	1.40E-01	125651526	125651649	NC_000010.10
cg24636477	2.28E-08	2.39E-09	6.26	10.3691051	2.07E-01	48439229	48439352	NC_000010.10
cg18242103	2.29E-08	2.40E-09	6.26	10.3676007	1.52E-01	52734253	52734376	NC_000014.8
cg03668835	2.29E-08	2.40E-09	6.26	10.3665459	4.90E-02	17784171	17784294	NC_000003.11

cg04949308	2.29E-08	2.40E-09	6.26	10.3659468	6.25E-02	40778778	40778901	NC_000015.9
cg03631131	2.29E-08	2.40E-09	6.26	10.365361	1.26E-01	147115506	147115629	NC_000003.11
cg12089204	2.29E-08	2.40E-09	6.26	10.3648312	6.03E-02	1318605	1318728	NC_000011.9
cg23457518	2.29E-08	2.40E-09	6.26	10.3644964	8.24E-02	134810240	134810363	NC_000010.10
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cg03487507	2.30E-08	2.41E-09	6.26	10.3620745	5.49E-02	55994692	55994815	NC_000019.9
cg06695663	2.30E-08	2.41E-09	6.26	10.3618883	1.70E-01	19137968	19138091	NC_000022.10
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cg20390545	2.30E-08	2.41E-09	6.26	10.3616523	6.20E-02	133527210	133527333	NC_000003.11
cg22881652	2.30E-08	2.41E-09	6.26	10.3606772	1.30E-01	13532951	13533074	NC_000004.11
cg00800229	2.30E-08	2.41E-09	6.26	10.3599128	1.89E-01	22004993	22005116	NC_000014.8
cg08196106	2.31E-08	2.42E-09	6.26	10.3591343	1.64E-01	131400973	131401096	NC_000012.11
cg25592918	2.31E-08	2.42E-09	6.26	10.3587096	6.33E-02	132767707	132767830	NC_000002.11
cg19095988	2.31E-08	2.42E-09	6.26	10.3581693	4.89E-02	17728637	17728760	NC_000019.9
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cg26205131	2.31E-08	2.42E-09	6.26	10.3569258	1.10E-01	1444878	1445001	NC_000005.9
cg10581497	2.31E-08	2.42E-09	6.26	10.3566971	4.74E-02	44429627	44429750	NC_000019.9
cg24874180	2.31E-08	2.42E-09	6.26	10.3566793	1.50E-01	107956405	107956528	NC_000004.11
cg00347677	2.31E-08	2.42E-09	6.26	10.3566687	1.64E-01	63795636	63795759	NC_000001.10
cg04788926	2.31E-08	2.42E-09	6.26	10.3564655	8.99E-02	76617198	76617321	NC_000018.9
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cg22671986	2.32E-08	2.43E-09	6.26	10.3544806	1.17E-01	62799523	62799646	NC_000004.11
cg02178957	2.32E-08	2.43E-09	6.26	10.3544107	9.45E-02	85964200	85964323	NC_000016.9
cg13923530	2.32E-08	2.43E-09	6.26	10.3540586	1.21E-01	494386	494509	NC_000008.10

cg14843800	2.32E-08	2.43E-09	6.26	10.3535873	1.94E-01	119419786	119419909	NC_000012.11
cg27087614	2.32E-08	2.43E-09	6.26	10.352995	8.52E-02	63041518	63041641	NC_000007.13
cg01257975	2.32E-08	2.43E-09	6.26	10.3522694	1.14E-01	40058706	40058829	NC_000022.10
cg13547644	2.32E-08	2.43E-09	6.26	10.3519437	1.35E-01	229569608	229569731	NC_000001.10
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cg23113318	2.32E-08	2.44E-09	6.26	10.3500417	3.49E-02	51737867	51737990	NC_000001.10
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cg20128928	2.33E-08	2.44E-09	6.26	10.3494111	1.16E-01	104640560	104640683	NC_000004.11
cg25709679	2.33E-08	2.44E-09	6.26	10.3475913	6.79E-02	99206764	99206887	NC_000015.9
cg04088697	2.33E-08	2.45E-09	6.26	10.3468053	1.41E-01	96627050	96627173	NC_000007.13
cg23216292	2.33E-08	2.45E-09	6.26	10.346553	1.88E-01	21106053	21106176	NC_000019.9
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cg16516691	2.34E-08	2.45E-09	6.26	10.3441104	1.76E-01	187714055	187714178	NC_000002.11
cg01674405	2.34E-08	2.45E-09	6.26	10.3437308	7.81E-02	138871595	138871718	NC_000009.11
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cg23121156	2.35E-08	2.46E-09	6.25	10.3397296	1.47E-01	154710421	154710544	NC_000004.11
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cg04651548	2.36E-08	2.47E-09	6.25	10.3358493	1.12E-01	143085905	143086028	NC_000008.10
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cg07906520	2.36E-08	2.48E-09	6.25	10.3351541	1.58E-01	37435716	37435839	NC_000020.10
cg05628795	2.36E-08	2.48E-09	6.25	10.3350135	3.31E-02	110434089	110434212	NC_000012.11
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cg13576883	2.36E-08	2.48E-09	6.25	10.3330945	1.71E-01	130527038	130527161	NC_000012.11

cg03463208	2.36E-08	2.48E-09	6.25	10.3329668	5.93E-02	792305	792428	NC_000006.11
cg16898239	2.36E-08	2.48E-09	6.25	10.3326818	1.63E-01	74070682	74070805	NC_000017.10
cg11772171	2.36E-08	2.48E-09	6.25	10.3326359	1.90E-01	2292544	2292667	NC_000011.9
cg19969606	2.36E-08	2.48E-09	6.25	10.3326061	1.37E-01	113901665	113901788	NC_000012.11
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cg02060566	2.37E-08	2.48E-09	6.25	10.3318279	1.23E-01	114878954	114879077	NC_000012.11
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cg23239891	2.37E-08	2.49E-09	6.25	10.3308867	6.28E-02	8808017	8808140	NC_000019.9
cg05971187	2.37E-08	2.49E-09	6.25	10.3289473	5.02E-02	124224754	124224877	NC_000008.10
cg09135016	2.37E-08	2.49E-09	6.25	10.3288393	2.07E-01	47697446	47697569	NC_000001.10
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cg11239506	2.38E-08	2.50E-09	6.25	10.3266592	9.51E-02	147735698	147735821	NC_000001.10
cg13528199	2.38E-08	2.50E-09	6.25	10.3259059	7.55E-02	134829644	134829767	NC_000010.10
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cg13444583	2.38E-08	2.50E-09	6.25	10.32537	9.08E-02	132600162	132600285	NC_000010.10
cg17138415	2.38E-08	2.50E-09	6.25	10.3249638	5.87E-02	107259568	107259691	NC_000012.11
cg01433297	2.38E-08	2.51E-09	6.25	10.3234006	1.46E-01	4151816	4151939	NC_000020.10
cg02246609	2.39E-08	2.51E-09	6.25	10.3224294	1.11E-01	28584003	28584126	NC_000006.11
cg04182215	2.39E-08	2.51E-09	6.25	10.3217695	3.90E-02	459900	460023	NC_000011.9
cg25390063	2.39E-08	2.51E-09	6.25	10.3210781	4.72E-02	66309226	66309349	NC_000012.11
cg01066602	2.39E-08	2.51E-09	6.25	10.3207774	1.39E-01	35299217	35299340	NC_000007.13
cg19056537	2.39E-08	2.52E-09	6.25	10.3189934	2.99E-02	132415749	132415872	NC_000002.11
cg26446913	2.40E-08	2.52E-09	6.25	10.318208	1.04E-01	45940055	45940178	NC_000019.9

cg04754741	2.40E-08	2.52E-09	6.25	10.3164016	2.22E-02	64349163	64349286	NC_000006.11
cg22704037	2.40E-08	2.53E-09	6.25	10.3155517	5.00E-02	21988653	21988776	NC_000022.10
cg12849791	2.41E-08	2.53E-09	6.25	10.3146252	6.85E-02	38078307	38078430	NC_000003.11
cg10912240	2.41E-08	2.53E-09	6.25	10.3145771	1.06E-01	29235907	29236030	NC_000014.8
cg03086707	2.41E-08	2.53E-09	6.25	10.3145578	1.44E-01	140740607	140740730	NC_000005.9
cg23147393	2.41E-08	2.53E-09	6.25	10.3142973	1.00E-01	133373133	133373256	NC_000010.10
cg08853359	2.41E-08	2.53E-09	6.25	10.3127438	1.00E-01	331454	331577	NC_000016.9
cg06721137	2.41E-08	2.54E-09	6.25	10.3117769	1.39E-01	27643990	27644113	NC_000015.9
cg08278290	2.41E-08	2.54E-09	6.25	10.3106021	5.50E-02	88016208	88016331	NC_000016.9
cg03724238	2.42E-08	2.54E-09	6.25	10.310209	5.69E-02	21696666	21696789	NC_000009.11
cg01406647	2.42E-08	2.54E-09	6.25	10.3099665	4.62E-02	9508976	9509099	NC_000004.11
cg14440571	2.42E-08	2.54E-09	6.25	10.3092033	8.28E-02	71420161	71420284	NC_000017.10
cg19184415	2.42E-08	2.54E-09	6.25	10.3086938	9.37E-02	57363691	57363814	NC_000018.9
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cg03359516	2.42E-08	2.55E-09	6.25	10.3067858	1.22E-01	126771184	126771307	NC_000009.11
cg16184803	2.42E-08	2.55E-09	6.25	10.3066111	1.30E-01	111542444	111542567	NC_000004.11
cg09989644	2.43E-08	2.55E-09	6.25	10.3060162	1.27E-01	156358119	156358242	NC_000001.10
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cg12337988	2.43E-08	2.55E-09	6.25	10.3057162	1.19E-01	122395985	122396108	NC_000003.11
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cg05335955	2.43E-08	2.55E-09	6.25	10.3054231	2.20E-01	83349264	83349387	NC_000015.9
cg02002231	2.43E-08	2.55E-09	6.25	10.3046411	2.22E-01	81187798	81187921	NC_000004.11
cg04693787	2.43E-08	2.56E-09	6.25	10.3021317	3.83E-02	31936702	31936825	NC_000006.11



cg05487664	2.44E-08	2.56E-09	6.25	10.3010978	9.50E-02	61277316	61277439	NC_000011.9
cg22416376	2.44E-08	2.56E-09	6.25	10.3010815	1.18E-01	17395271	17395394	NC_000008.10
cg07696033	2.44E-08	2.57E-09	6.25	10.3002199	1.14E-01	44326410	44326533	NC_000011.9
cg18165707	2.45E-08	2.58E-09	6.25	10.2962964	1.99E-01	142189543	142189666	NC_000008.10
cg16196812	2.45E-08	2.58E-09	6.25	10.2952608	1.18E-01	120355139	120355262	NC_000010.10
cg12121643	2.46E-08	2.59E-09	6.25	10.2928209	1.69E-01	185911796	185911919	NC_000003.11
cg20943372	2.46E-08	2.59E-09	6.25	10.2904537	1.01E-01	186993527	186993650	NC_000003.11
cg05012620	2.47E-08	2.60E-09	6.24	10.28803	7.19E-02	47886433	47886556	NC_000017.10
cg00959616	2.47E-08	2.60E-09	6.24	10.2863807	1.23E-01	128866668	128866791	NC_000012.11
cg02886838	2.47E-08	2.61E-09	6.24	10.2853002	1.20E-01	64576663	64576786	NC_000014.8
cg18069403	2.47E-08	2.61E-09	6.24	10.2848841	4.20E-02	112565651	112565774	NC_000003.11
cg09997714	2.48E-08	2.61E-09	6.24	10.2839843	9.96E-02	166061418	166061541	NC_000006.11
cg09916212	2.49E-08	2.62E-09	6.24	10.2796822	9.34E-02	2498390	2498513	NC_000011.9
cg20861822	2.49E-08	2.62E-09	6.24	10.2783111	1.01E-01	30406707	30406830	NC_000020.10
cg05138681	2.49E-08	2.62E-09	6.24	10.2781257	5.56E-02	98782756	98782879	NC_000009.11
cg16569147	2.49E-08	2.63E-09	6.24	10.277926	5.01E-02	816088	816211	NC_000016.9
cg21830122	2.49E-08	2.63E-09	6.24	10.2775847	6.11E-02	32037653	32037776	NC_000006.11
cg20483763	2.49E-08	2.63E-09	6.24	10.2768161	3.32E-02	67223174	67223297	NC_000011.9
cg17750959	2.49E-08	2.63E-09	6.24	10.2765489	1.40E-01	32907997	32908120	NC_000017.10
cg12184157	2.50E-08	2.63E-09	6.24	10.2758448	1.03E-01	23549495	23549618	NC_000020.10
cg11548303	2.50E-08	2.63E-09	6.24	10.2754694	1.37E-01	23567350	23567473	NC_000008.10
cg12912426	2.50E-08	2.63E-09	6.24	10.2752725	8.96E-02	14544500	14544623	NC_000012.11
cg18173235	2.50E-08	2.64E-09	6.24	10.2733167	1.59E-01	119612382	119612505	NC_000002.11
cg16411101	2.50E-08	2.64E-09	6.24	10.2725113	1.40E-01	54831653	54831776	NC_000001.10
cg18256769	2.51E-08	2.64E-09	6.24	10.2716449	6.15E-02	35012103	35012226	NC_000017.10

cg02975667	2.51E-08	2.65E-09	6.24	10.2706026	7.45E-02	91583994	91584117	NC_000011.9
cg02964065	2.51E-08	2.65E-09	6.24	10.2697885	1.11E-01	32729545	32729668	NC_000006.11
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cg08934785	2.52E-08	2.66E-09	6.24	10.2666582	1.34E-01	27196759	27196882	NC_000007.13
cg01735991	2.52E-08	2.66E-09	6.24	10.266139	1.29E-01	70501068	70501191	NC_000006.11
cg24785225	2.53E-08	2.66E-09	6.24	10.2639915	8.95E-02	25068757	25068880	NC_000015.9
cg01054891	2.53E-08	2.66E-09	6.24	10.26392	1.05E-01	57352729	57352852	NC_000019.9
cg09571713	2.53E-08	2.66E-09	6.24	10.2636459	1.57E-01	168154775	168154898	NC_000004.11
cg21811021	2.53E-08	2.66E-09	6.24	10.2633836	5.55E-02	6659346	6659469	NC_000004.11
cg18332213	2.53E-08	2.67E-09	6.24	10.2628378	8.28E-02	169682412	169682535	NC_000006.11
cg19811087	2.53E-08	2.67E-09	6.24	10.2624883	1.08E-01	91184501	91184624	NC_000001.10
cg05992786	2.53E-08	2.67E-09	6.24	10.2612545	1.40E-01	54446308	54446431	NC_000012.11
cg05813673	2.53E-08	2.67E-09	6.24	10.2606819	1.08E-01	53862521	53862644	NC_000004.11
cg25459450	2.53E-08	2.67E-09	6.24	10.2603391	1.02E-01	99272622	99272745	NC_000006.11
cg26251398	2.54E-08	2.68E-09	6.24	10.2578032	8.95E-02	52985966	52986089	NC_000017.10
cg14665366	2.54E-08	2.68E-09	6.24	10.2573645	1.68E-01	90227740	90227863	NC_000004.11
cg16990474	2.54E-08	2.68E-09	6.24	10.2569933	7.62E-02	1506175	1506298	NC_000010.10
cg05053440	2.54E-08	2.68E-09	6.24	10.2569921	1.14E-01	227748442	227748565	NC_000001.10
cg12489964	2.54E-08	2.68E-09	6.24	10.2567599	2.79E-02	17062185	17062308	NC_000017.10
cg11712990	2.54E-08	2.68E-09	6.24	10.2566195	1.69E-01	87967845	87967968	NC_000005.9
cg27520319	2.55E-08	2.69E-09	6.24	10.253091	6.69E-02	58556185	58556308	NC_000019.9
cg07115542	2.55E-08	2.69E-09	6.24	10.2525839	2.25E-01	36988443	36988566	NC_000014.8
cg26711833	2.55E-08	2.69E-09	6.24	10.2525343	7.92E-02	47119319	47119442	NC_000008.10

cg07819944	2.55E-08	2.69E-09	6.24	10.2524281	1.99E-01	124897153	124897276	NC_000010.10
cg25363559	2.55E-08	2.70E-09	6.24	10.2520075	7.41E-02	143086065	143086188	NC_000008.10
cg05712542	2.56E-08	2.70E-09	6.24	10.2505457	6.41E-02	22337575	22337698	NC_000016.9
cg22370006	2.56E-08	2.70E-09	6.24	10.250513	1.65E-01	154360344	154360467	NC_000006.11
cg25263238	2.56E-08	2.70E-09	6.24	10.2497216	1.18E-01	98031750	98031873	NC_000010.10
cg12476760	2.57E-08	2.71E-09	6.24	10.246684	2.33E-02	3704221	3704344	NC_000019.9
cg09450657	2.57E-08	2.72E-09	6.24	10.2446695	5.55E-02	8642776	8642899	NC_000004.11
cg00856825	2.57E-08	2.72E-09	6.24	10.2446267	9.14E-02	10327895	10328018	NC_000003.11
cg23780731	2.57E-08	2.72E-09	6.24	10.2445454	8.97E-02	28038320	28038443	NC_000022.10
cg16275183	2.59E-08	2.74E-09	6.23	10.237783	7.98E-02	38009281	38009404	NC_000008.10
cg10302472	2.59E-08	2.74E-09	6.23	10.2375108	9.78E-02	33165899	33166022	NC_000006.11
cg00146755	2.59E-08	2.74E-09	6.23	10.2373981	1.36E-01	45551519	45551642	NC_000021.8
cg03490759	2.59E-08	2.74E-09	6.23	10.2366136	1.03E-01	100141888	100142011	NC_000014.8
cg17511731	2.59E-08	2.74E-09	6.23	10.236405	1.57E-01	2278874	2278997	NC_000005.9
cg14602341	2.59E-08	2.74E-09	6.23	10.2361267	1.37E-01	30396500	30396623	NC_000015.9
cg21556223	2.60E-08	2.74E-09	6.23	10.2348514	1.27E-01	3357004	3357127	NC_000006.11
cg26948596	2.60E-08	2.75E-09	6.23	10.2324055	6.18E-02	93078627	93078750	NC_000014.8
cg20881942	2.60E-08	2.75E-09	6.23	10.2323704	1.28E-01	154710826	154710949	NC_000004.11
cg25547520	2.60E-08	2.75E-09	6.23	10.2318618	1.35E-01	67431285	67431408	NC_000015.9
cg07640800	2.61E-08	2.76E-09	6.23	10.229916	1.33E-01	80529315	80529438	NC_000002.11
cg04987335	2.61E-08	2.76E-09	6.23	10.2290759	1.28E-01	35288779	35288902	NC_000011.9
cg04735310	2.61E-08	2.76E-09	6.23	10.2288054	1.49E-01	46711051	46711174	NC_000017.10
cg21024311	2.61E-08	2.76E-09	6.23	10.2281544	9.75E-02	19406021	19406144	NC_000018.9
cg26614129	2.61E-08	2.76E-09	6.23	10.2280561	1.30E-01	130311289	130311412	NC_000012.11
cg03844894	2.62E-08	2.77E-09	6.23	10.2270593	8.38E-02	35086967	35087090	NC_000015.9

cg00023808	2.62E-08	2.77E-09	6.23	10.226954	4.51E-02	101944556	101944679	NC_000007.13
cg02927346	2.62E-08	2.77E-09	6.23	10.2253588	1.47E-01	34059260	34059383	NC_000017.10
cg09120171	2.62E-08	2.77E-09	6.23	10.2252428	1.40E-01	26380792	26380915	NC_000017.10
cg06088360	2.62E-08	2.77E-09	6.23	10.2247324	8.82E-02	170538929	170539052	NC_000006.11
cg02477557	2.62E-08	2.77E-09	6.23	10.2246628	1.44E-01	45770390	45770513	NC_000021.8
cg02119134	2.62E-08	2.77E-09	6.23	10.2243628	9.51E-02	114257348	114257471	NC_000002.11
cg18368019	2.62E-08	2.77E-09	6.23	10.2242448	2.30E-01	43972978	43973101	NC_000017.10
cg24029414	2.62E-08	2.77E-09	6.23	10.224038	1.36E-01	128075852	128075975	NC_000010.10
cg06087473	2.62E-08	2.78E-09	6.23	10.2237159	5.04E-02	51931805	51931928	NC_000003.11
cg24785946	2.63E-08	2.78E-09	6.23	10.2226429	1.52E-01	8473234	8473357	NC_000007.13
cg22862526	2.63E-08	2.78E-09	6.23	10.2225994	1.48E-01	21156814	21156937	NC_000014.8
cg23906454	2.63E-08	2.78E-09	6.23	10.2211761	9.08E-02	108785671	108785794	NC_000006.11
cg15842722	2.63E-08	2.78E-09	6.23	10.2209436	1.00E-01	23499644	23499767	NC_000020.10
cg16731429	2.63E-08	2.78E-09	6.23	10.2208445	2.82E-02	122268654	122268777	NC_000012.11
cg18035534	2.63E-08	2.78E-09	6.23	10.2207539	7.16E-02	46958921	46959044	NC_000021.8
cg23154059	2.63E-08	2.79E-09	6.23	10.2199924	1.25E-01	219736250	219736373	NC_000002.11
cg09601912	2.63E-08	2.79E-09	6.23	10.2195617	1.65E-01	119591144	119591267	NC_000002.11
cg24541426	2.63E-08	2.79E-09	6.23	10.2195098	1.16E-01	177029459	177029582	NC_000002.11
cg04895616	2.63E-08	2.79E-09	6.23	10.2195001	1.13E-01	44331009	44331132	NC_000019.9
cg05065989	2.63E-08	2.79E-09	6.23	10.219471	1.25E-01	27205200	27205323	NC_000007.13
cg01270246	2.64E-08	2.79E-09	6.23	10.218573	1.68E-01	51228270	51228393	NC_000019.9
cg10205431	2.64E-08	2.79E-09	6.23	10.2178632	8.99E-02	140215762	140215885	NC_000005.9
cg20376581	2.64E-08	2.79E-09	6.23	10.2174803	6.17E-02	3239509	3239632	NC_000011.9
cg06785129	2.64E-08	2.79E-09	6.23	10.2174486	5.47E-02	32749939	32750062	NC_000022.10
cg10281002	2.64E-08	2.79E-09	6.23	10.2171867	1.63E-01	114846399	114846522	NC_000012.11

cg03403991	2.64E-08	2.79E-09	6.23	10.2170991	6.88E-02	51167187	51167310	NC_000022.10
cg21291985	2.64E-08	2.80E-09	6.23	10.2165088	1.31E-01	62437035	62437158	NC_000020.10
cg09371059	2.65E-08	2.80E-09	6.23	10.2151273	1.22E-01	17842081	17842204	NC_000016.9
cg27131891	2.65E-08	2.80E-09	6.23	10.2150514	1.70E-01	27513414	27513537	NC_000006.11
cg12754722	2.65E-08	2.80E-09	6.23	10.2149034	7.63E-02	111631409	111631532	NC_000012.11
cg14851485	2.65E-08	2.81E-09	6.23	10.2131796	1.11E-01	100126685	100126808	NC_000014.8
cg16736964	2.65E-08	2.81E-09	6.23	10.2126978	1.29E-01	131690266	131690389	NC_000006.11
cg11419064	2.65E-08	2.81E-09	6.23	10.2122328	1.41E-01	2291264	2291387	NC_000011.9
cg06786372	2.65E-08	2.81E-09	6.23	10.2114217	1.30E-01	27141388	27141511	NC_000007.13
cg03578464	2.66E-08	2.81E-09	6.23	10.211251	2.01E-02	8928666	8928789	NC_000003.11
cg25351588	2.66E-08	2.81E-09	6.23	10.2110705	8.62E-02	116879492	116879615	NC_000006.11
cg07777344	2.66E-08	2.81E-09	6.23	10.2107019	1.44E-01	10757842	10757965	NC_000005.9
cg19116023	2.66E-08	2.81E-09	6.23	10.2100068	8.04E-02	184038421	184038544	NC_000003.11
cg00049047	2.66E-08	2.82E-09	6.23	10.2091426	1.62E-01	37838425	37838548	NC_000005.9
cg25317315	2.66E-08	2.82E-09	6.23	10.208151	5.39E-02	144995101	144995224	NC_000001.10
cg26069291	2.67E-08	2.82E-09	6.23	10.2068821	1.07E-01	42716310	42716433	NC_000006.11
cg07331725	2.67E-08	2.83E-09	6.23	10.2060984	4.93E-02	61157478	61157601	NC_000018.9
cg03611007	2.67E-08	2.83E-09	6.23	10.205397	2.40E-01	85954336	85954459	NC_000010.10
cg06103397	2.67E-08	2.83E-09	6.23	10.2049909	8.70E-02	77542585	77542708	NC_000010.10
cg26034531	2.67E-08	2.83E-09	6.23	10.2040222	1.21E-01	99469577	99469700	NC_000001.10
cg12686016	2.67E-08	2.83E-09	6.23	10.2036336	2.15E-01	27135477	27135600	NC_000007.13
cg17459215	2.67E-08	2.83E-09	6.23	10.2034755	1.41E-01	66298242	66298365	NC_000002.11
cg15954041	2.67E-08	2.83E-09	6.23	10.2033612	1.44E-01	97362308	97362431	NC_000007.13
cg05817118	2.68E-08	2.83E-09	6.23	10.2032402	1.01E-01	77389157	77389280	NC_000018.9
cg13608171	2.68E-08	2.84E-09	6.23	10.2022672	7.79E-02	169931831	169931954	NC_000005.9

cg04353853	2.68E-08	2.84E-09	6.23	10.2017318	1.37E-01	40554669	40554792	NC_000006.11
cg21159778	2.68E-08	2.84E-09	6.23	10.2016797	1.51E-01	117266918	117267041	NC_000009.11
cg21656251	2.68E-08	2.84E-09	6.23	10.2016771	1.34E-01	240031700	240031823	NC_000002.11
cg05227556	2.68E-08	2.84E-09	6.23	10.2013552	7.45E-02	32037290	32037413	NC_000006.11
cg15444472	2.68E-08	2.84E-09	6.23	10.2011519	7.01E-02	54792610	54792733	NC_000018.9
cg06057566	2.69E-08	2.85E-09	6.23	10.1983251	1.49E-01	78493561	78493684	NC_000013.10
cg01124922	2.69E-08	2.85E-09	6.23	10.1979926	1.23E-01	92684412	92684535	NC_000005.9
cg09205595	2.69E-08	2.85E-09	6.23	10.197433	9.99E-02	150782539	150782662	NC_000007.13
cg18614735	2.69E-08	2.86E-09	6.23	10.1956522	1.36E-01	41583523	41583646	NC_000008.10
cg27553626	2.69E-08	2.86E-09	6.23	10.1955733	7.98E-02	28158892	28159015	NC_000001.10
cg20897830	2.70E-08	2.86E-09	6.23	10.195246	1.40E-01	56297579	56297702	NC_000007.13
cg16816603	2.70E-08	2.86E-09	6.23	10.1951504	1.43E-01	45403047	45403170	NC_000022.10
cg07781995	2.70E-08	2.86E-09	6.23	10.1949452	9.04E-02	87655840	87655963	NC_000001.10
cg05695007	2.70E-08	2.86E-09	6.23	10.1948032	1.18E-01	1565727	1565850	NC_000002.11
cg15320349	2.70E-08	2.86E-09	6.23	10.1946164	6.49E-02	37073004	37073127	NC_000008.10
cg21057907	2.70E-08	2.86E-09	6.23	10.1938129	1.08E-01	36977519	36977642	NC_000014.8
cg14325153	2.70E-08	2.86E-09	6.23	10.1936722	1.42E-01	138763899	138764022	NC_000003.11
cg01789743	2.70E-08	2.86E-09	6.23	10.1932655	1.27E-01	236159467	236159590	NC_000001.10
cg10683775	2.70E-08	2.86E-09	6.23	10.1932359	3.97E-02	143958167	143958290	NC_000006.11
cg12127282	2.70E-08	2.87E-09	6.23	10.1923467	1.55E-01	177014685	177014808	NC_000002.11
cg13205613	2.70E-08	2.87E-09	6.23	10.1921642	7.35E-02	32042351	32042474	NC_000006.11
cg08884611	2.70E-08	2.87E-09	6.23	10.1917076	9.31E-02	34256776	34256899	NC_000016.9
cg23226914	2.71E-08	2.87E-09	6.23	10.1913749	1.42E-01	247537224	247537347	NC_000001.10
cg27277859	2.71E-08	2.87E-09	6.23	10.1898859	6.76E-02	51165632	51165755	NC_000019.9
cg27115978	2.71E-08	2.87E-09	6.23	10.1897123	5.67E-02	88643407	88643530	NC_000016.9

cg19272592	2.71E-08	2.88E-09	6.23	10.1886627	3.82E-02	129408521	129408644	NC_000003.11
cg20422505	2.71E-08	2.88E-09	6.23	10.1880112	2.39E-01	45270702	45270825	NC_000012.11
cg12122597	2.72E-08	2.88E-09	6.23	10.187161	1.74E-01	30039004	30039127	NC_000011.9
cg15337897	2.72E-08	2.88E-09	6.23	10.1868471	1.79E-01	69634400	69634523	NC_000011.9
cg05216029	2.72E-08	2.88E-09	6.22	10.1859221	8.17E-02	16766313	16766436	NC_000001.10
cg17034342	2.72E-08	2.89E-09	6.22	10.1854817	6.63E-02	132870388	132870511	NC_000012.11
cg11506658	2.72E-08	2.89E-09	6.22	10.1840981	5.21E-02	142765018	142765141	NC_000006.11
cg25987564	2.72E-08	2.89E-09	6.22	10.1839982	9.80E-02	6010075	6010198	NC_000004.11
cg11389868	2.73E-08	2.89E-09	6.22	10.1837719	1.30E-01	35991624	35991747	NC_000005.9
cg08400935	2.73E-08	2.89E-09	6.22	10.1833312	1.02E-01	18063022	18063145	NC_000011.9
cg04895345	2.74E-08	2.90E-09	6.22	10.1793731	1.43E-01	33780283	33780406	NC_000013.10
cg17333211	2.74E-08	2.91E-09	6.22	10.1783613	1.97E-01	141294016	141294139	NC_000004.11
cg27016990	2.74E-08	2.91E-09	6.22	10.1777588	2.46E-01	133492476	133492599	NC_000008.10
cg11935831	2.74E-08	2.91E-09	6.22	10.1775544	7.74E-02	80137075	80137198	NC_000017.10
cg21897315	2.74E-08	2.91E-09	6.22	10.1772835	1.50E-01	81811448	81811571	NC_000003.11
cg17507671	2.75E-08	2.91E-09	6.22	10.1758637	1.41E-01	111542063	111542186	NC_000004.11
cg09562563	2.75E-08	2.91E-09	6.22	10.1758598	1.17E-01	3854732	3854855	NC_000005.9
cg23416788	2.75E-08	2.92E-09	6.22	10.1755302	1.37E-01	47064307	47064430	NC_000021.8
cg24311236	2.75E-08	2.92E-09	6.22	10.1751915	1.21E-01	73381117	73381240	NC_000001.10
cg15915028	2.75E-08	2.92E-09	6.22	10.1749177	6.90E-02	27528084	27528207	NC_000001.10
cg16498913	2.75E-08	2.92E-09	6.22	10.1739938	1.79E-01	1851563	1851686	NC_000005.9
cg10832108	2.75E-08	2.92E-09	6.22	10.173347	1.19E-01	134870517	134870640	NC_000005.9
cg25561581	2.75E-08	2.92E-09	6.22	10.1733228	2.29E-01	45405899	45406022	NC_000022.10
cg09593184	2.75E-08	2.92E-09	6.22	10.1730139	1.57E-01	21082272	21082395	NC_000020.10
cg20658779	2.75E-08	2.92E-09	6.22	10.1729893	8.58E-02	1692458	1692581	NC_000008.10

cg23204239	2.75E-08	2.92E-09	6.22	10.1724663	6.17E-02	91844025	91844148	NC_000015.9
cg11817309	2.76E-08	2.93E-09	6.22	10.1711815	1.13E-02	249152443	249152566	NC_000001.10
cg04577177	2.76E-08	2.93E-09	6.22	10.1711088	1.52E-01	28075183	28075306	NC_000016.9
cg11111460	2.76E-08	2.93E-09	6.22	10.1710986	1.53E-01	183063637	183063760	NC_000004.11
cg07712598	2.76E-08	2.93E-09	6.22	10.1699772	4.02E-02	242165230	242165353	NC_000002.11
cg24675735	2.77E-08	2.94E-09	6.22	10.1682387	8.76E-02	74878351	74878474	NC_000017.10
cg12302875	2.77E-08	2.94E-09	6.22	10.1680053	6.03E-02	2499975	2500098	NC_000007.13
cg04312999	2.77E-08	2.94E-09	6.22	10.166603	3.01E-02	45399400	45399523	NC_000021.8
cg06120945	2.77E-08	2.94E-09	6.22	10.1665209	1.54E-01	56622960	56623083	NC_000016.9
cg06600429	2.77E-08	2.94E-09	6.22	10.1664972	1.57E-01	160975956	160976079	NC_000005.9
cg18593317	2.77E-08	2.94E-09	6.22	10.1658255	1.32E-01	14198368	14198491	NC_000017.10
cg23200873	2.77E-08	2.95E-09	6.22	10.1655522	1.55E-01	167191837	167191960	NC_000003.11
cg07036524	2.77E-08	2.95E-09	6.22	10.1654748	1.86E-01	77557781	77557904	NC_000018.9
cg21678312	2.77E-08	2.95E-09	6.22	10.1654344	2.12E-01	71314587	71314710	NC_000012.11
cg02582963	2.77E-08	2.95E-09	6.22	10.1652147	1.12E-01	153840718	153840841	NC_000003.11
cg06839631	2.77E-08	2.95E-09	6.22	10.1649461	1.71E-01	102469948	102470071	NC_000010.10
cg14824536	2.77E-08	2.95E-09	6.22	10.1648316	1.48E-02	170885572	170885695	NC_000002.11
cg12984877	2.78E-08	2.95E-09	6.22	10.1644021	1.14E-01	146856745	146856868	NC_000004.11
cg10905736	2.78E-08	2.95E-09	6.22	10.1642827	5.59E-02	30101146	30101269	NC_000013.10
cg06114087	2.78E-08	2.95E-09	6.22	10.1632129	1.68E-01	53423940	53424063	NC_000013.10
cg19246197	2.78E-08	2.95E-09	6.22	10.1628212	1.37E-01	119231741	119231864	NC_000011.9
cg07696699	2.79E-08	2.96E-09	6.22	10.1599537	1.70E-01	17783502	17783625	NC_000004.11
cg24823679	2.79E-08	2.96E-09	6.22	10.1596827	1.01E-01	5093491	5093614	NC_000019.9
cg22960186	2.79E-08	2.97E-09	6.22	10.1583607	1.81E-01	178017260	178017383	NC_000005.9
cg18429048	2.80E-08	2.97E-09	6.22	10.1569846	9.08E-02	108975597	108975720	NC_000012.11



cg02012731	2.80E-08	2.97E-09	6.22	10.1563304	1.31E-01	70994802	70994925	NC_000002.11
cg20381975	2.80E-08	2.97E-09	6.22	10.1563204	1.14E-01	25320750	25320873	NC_000013.10
cg13297960	2.80E-08	2.98E-09	6.22	10.155215	1.40E-01	22370237	22370360	NC_000021.8
cg15345477	2.80E-08	2.98E-09	6.22	10.1549658	9.90E-02	130279644	130279767	NC_000010.10
cg14558358	2.80E-08	2.98E-09	6.22	10.1548833	5.77E-02	14282817	14282940	NC_000006.11
cg16471850	2.80E-08	2.98E-09	6.22	10.153525	1.66E-01	98891811	98891934	NC_000011.9
cg24546942	2.81E-08	2.98E-09	6.22	10.1529891	4.48E-02	61310626	61310749	NC_000018.9
cg22020299	2.81E-08	2.98E-09	6.22	10.1525169	7.20E-02	44088275	44088398	NC_000006.11
cg18358723	2.81E-08	2.99E-09	6.22	10.1522302	1.44E-01	87955618	87955741	NC_000005.9
cg09083947	2.81E-08	2.99E-09	6.22	10.1518113	1.53E-01	66123496	66123619	NC_000012.11
cg17054969	2.81E-08	2.99E-09	6.22	10.1514458	2.28E-01	48398374	48398497	NC_000012.11
cg27415425	2.81E-08	2.99E-09	6.22	10.1500915	8.34E-02	95084766	95084889	NC_000008.10
cg17384380	2.82E-08	3.00E-09	6.22	10.1491085	1.20E-01	102419209	102419332	NC_000010.10
cg02470697	2.82E-08	3.00E-09	6.22	10.1484996	8.42E-02	48844916	48845039	NC_000002.11
cg12629991	2.82E-08	3.00E-09	6.22	10.1478547	1.25E-01	164627790	164627913	NC_000001.10
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cg25425784	2.82E-08	3.00E-09	6.22	10.1463148	2.04E-01	39990055	39990178	NC_000019.9
cg18900649	2.82E-08	3.00E-09	6.22	10.1460979	1.38E-01	100062572	100062695	NC_000006.11
cg18021368	2.83E-08	3.01E-09	6.22	10.1439554	1.57E-01	140514944	140515067	NC_000005.9
cg22227345	2.83E-08	3.01E-09	6.22	10.1436989	1.20E-01	96952113	96952236	NC_000015.9
cg05947740	2.83E-08	3.01E-09	6.22	10.1436141	1.02E-01	22089778	22089901	NC_000008.10
cg02830749	2.83E-08	3.01E-09	6.22	10.143427	1.19E-01	154451068	154451191	NC_000004.11
cg14479139	2.83E-08	3.01E-09	6.22	10.1431827	7.71E-02	103720052	103720175	NC_000013.10
cg03045425	2.83E-08	3.02E-09	6.22	10.1423546	1.30E-01	31803633	31803756	NC_000018.9
cg15549231	2.83E-08	3.02E-09	6.22	10.142211	4.77E-02	49415761	49415884	NC_000020.10

cg01091143	2.84E-08	3.02E-09	6.22	10.139905	8.23E-02	93822022	93822145	NC_000011.9
cg07986239	2.85E-08	3.03E-09	6.22	10.1375189	2.08E-01	61886142	61886265	NC_000020.10
cg19827780	2.86E-08	3.04E-09	6.22	10.1342566	1.93E-01	38347659	38347782	NC_000017.10
cg20705938	2.86E-08	3.04E-09	6.21	10.1332726	1.68E-01	111558988	111559111	NC_000004.11
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cg20510378	2.86E-08	3.05E-09	6.21	10.1323874	6.20E-02	31938207	31938330	NC_000006.11
cg06183559	2.86E-08	3.05E-09	6.21	10.1317732	1.37E-01	95357818	95357941	NC_000013.10
cg23664459	2.87E-08	3.05E-09	6.21	10.1304834	1.90E-01	36004097	36004220	NC_000014.8
cg07177867	2.87E-08	3.05E-09	6.21	10.1303556	1.12E-01	52030746	52030869	NC_000015.9
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cg03136323	2.87E-08	3.06E-09	6.21	10.1296329	5.65E-02	19195100	19195223	NC_000016.9
cg18281743	2.87E-08	3.06E-09	6.21	10.1295695	1.18E-01	172755856	172755979	NC_000005.9
cg00144186	2.87E-08	3.06E-09	6.21	10.1284554	1.70E-01	35641054	35641177	NC_000011.9
cg18875371	2.87E-08	3.06E-09	6.21	10.127906	1.54E-01	29244185	29244308	NC_000014.8
cg07752820	2.88E-08	3.06E-09	6.21	10.1270491	5.11E-02	1300084	1300207	NC_000008.10
cg27107171	2.88E-08	3.07E-09	6.21	10.1258157	2.42E-01	119799864	119799987	NC_000005.9
cg11785625	2.88E-08	3.07E-09	6.21	10.1248452	1.29E-01	67521144	67521267	NC_000008.10
cg25870420	2.88E-08	3.07E-09	6.21	10.1244604	1.75E-01	37493949	37494072	NC_000003.11
cg07529658	2.89E-08	3.08E-09	6.21	10.1220675	9.82E-02	46845160	46845283	NC_000021.8
cg16404903	2.89E-08	3.08E-09	6.21	10.1220282	1.05E-01	1982283	1982406	NC_000016.9
cg13145289	2.90E-08	3.09E-09	6.21	10.1198153	9.27E-02	242210216	242210339	NC_000002.11
cg04223006	2.90E-08	3.09E-09	6.21	10.1194932	1.55E-01	82845599	82845722	NC_000005.9
cg24347070	2.90E-08	3.09E-09	6.21	10.1174009	1.03E-01	26382817	26382940	NC_000006.11
cg18669388	2.91E-08	3.10E-09	6.21	10.1140787	1.03E-01	168729015	168729138	NC_000005.9
cg14660839	2.91E-08	3.11E-09	6.21	10.1133556	2.24E-01	28674720	28674843	NC_000013.10

cg27543672	2.92E-08	3.11E-09	6.21	10.1115293	1.25E-01	84541035	84541158	NC_000001.10
cg09657256	2.92E-08	3.11E-09	6.21	10.1110898	3.19E-02	42153683	42153806	NC_000017.10
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cg07010948	2.92E-08	3.12E-09	6.21	10.1106259	1.00E-01	79181613	79181736	NC_000013.10
cg14678099	2.92E-08	3.12E-09	6.21	10.1104946	1.76E-01	175299587	175299710	NC_000005.9
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cg15048660	2.93E-08	3.12E-09	6.21	10.109067	2.29E-01	192126935	192127058	NC_000003.11
cg05586800	2.93E-08	3.12E-09	6.21	10.109009	7.58E-02	170052878	170053001	NC_000005.9
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cg10060065	2.93E-08	3.12E-09	6.21	10.1084242	6.54E-02	32366901	32367024	NC_000017.10
cg13374648	2.93E-08	3.12E-09	6.21	10.1080962	1.03E-01	57352785	57352908	NC_000019.9
cg15071923	2.93E-08	3.12E-09	6.21	10.1079358	8.41E-02	130623617	130623740	NC_000012.11
cg15921461	2.93E-08	3.13E-09	6.21	10.1064435	1.10E-01	158373792	158373915	NC_000007.13
cg25594486	2.94E-08	3.13E-09	6.21	10.105751	7.74E-02	51165441	51165564	NC_000019.9
cg20119106	2.94E-08	3.13E-09	6.21	10.1047039	9.16E-02	153750421	153750544	NC_000007.13
cg25028293	2.94E-08	3.13E-09	6.21	10.1046315	3.87E-02	6528261	6528384	NC_000001.10
cg14066865	2.94E-08	3.13E-09	6.21	10.1044908	5.60E-02	219909008	219909131	NC_000002.11
cg16321048	2.94E-08	3.14E-09	6.21	10.1035699	1.50E-01	104605295	104605418	NC_000014.8
cg13400512	2.94E-08	3.14E-09	6.21	10.1032164	1.29E-01	32064578	32064701	NC_000006.11
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cg17882660	2.95E-08	3.15E-09	6.21	10.0991665	1.32E-01	100637258	100637381	NC_000013.10
cg05710301	2.96E-08	3.16E-09	6.21	10.0978553	2.72E-02	68540704	68540827	NC_000011.9
cg00450990	2.96E-08	3.16E-09	6.21	10.0972133	7.43E-02	23751324	23751447	NC_000002.11
cg17459911	2.96E-08	3.16E-09	6.21	10.0968388	6.91E-02	71968614	71968737	NC_000015.9

cg22232327	2.96E-08	3.16E-09	6.21	10.0955716	1.64E-01	53447594	53447717	NC_000018.9
cg14231871	2.97E-08	3.16E-09	6.21	10.0951784	1.84E-01	220702321	220702444	NC_000001.10
cg03203646	2.97E-08	3.17E-09	6.21	10.0941483	5.05E-02	40896064	40896187	NC_000019.9
cg04832767	2.97E-08	3.17E-09	6.21	10.093173	1.37E-01	96632841	96632964	NC_000007.13
cg14277392	2.97E-08	3.17E-09	6.21	10.0929072	1.56E-01	57018933	57019056	NC_000019.9
cg09924165	2.97E-08	3.18E-09	6.21	10.0919505	1.81E-01	217559417	217559540	NC_000002.11
cg11624345	2.98E-08	3.18E-09	6.21	10.091694	9.95E-02	44278551	44278674	NC_000019.9
cg03963327	2.98E-08	3.18E-09	6.21	10.0909475	1.73E-01	9025730	9025853	NC_000011.9
cg09696301	2.98E-08	3.18E-09	6.21	10.0901069	1.51E-01	20619598	20619721	NC_000011.9
cg16937583	2.98E-08	3.18E-09	6.21	10.0897572	9.90E-02	9997177	9997300	NC_000003.11
cg09723488	2.99E-08	3.19E-09	6.21	10.0880105	8.24E-02	124987896	124988019	NC_000009.11
cg10700564	2.99E-08	3.19E-09	6.21	10.0875661	1.61E-01	103350348	103350471	NC_000012.11
cg27529911	2.99E-08	3.19E-09	6.21	10.0873056	4.97E-02	33428326	33428449	NC_000008.10
cg12196573	2.99E-08	3.19E-09	6.21	10.0868622	1.38E-01	27195602	27195725	NC_000007.13
cg22021975	2.99E-08	3.19E-09	6.21	10.0866696	8.49E-02	30953064	30953187	NC_000006.11
cg04322210	2.99E-08	3.19E-09	6.21	10.0865901	3.52E-02	114987	115110	NC_000016.9
cg24000223	2.99E-08	3.19E-09	6.21	10.0865741	4.08E-02	134116844	134116967	NC_000011.9
cg18599790	2.99E-08	3.19E-09	6.21	10.0865138	1.25E-01	22817348	22817471	NC_000019.9
cg21521784	2.99E-08	3.20E-09	6.21	10.0855847	1.12E-01	30716329	30716452	NC_000019.9
cg15091323	3.00E-08	3.20E-09	6.21	10.0839732	1.69E-01	60780474	60780597	NC_000002.11
cg12412384	3.00E-08	3.20E-09	6.21	10.0839334	1.23E-01	12673025	12673148	NC_000012.11
cg13048512	3.00E-08	3.20E-09	6.21	10.0836947	1.58E-01	110693612	110693735	NC_000001.10
cg09521809	3.00E-08	3.20E-09	6.21	10.0835408	4.18E-02	48426818	48426941	NC_000020.10
cg19050990	3.00E-08	3.21E-09	6.21	10.082809	1.82E-01	98511523	98511646	NC_000001.10
cg25918947	3.00E-08	3.21E-09	6.2	10.0815184	1.11E-01	41365094	41365217	NC_000017.10

cg20058848	3.01E-08	3.21E-09	6.2	10.0810691	4.02E-02	96852116	96852239	NC_000002.11
cg07476030	3.01E-08	3.21E-09	6.2	10.0800285	9.88E-02	107078648	107078771	NC_000006.11
cg16289417	3.01E-08	3.22E-09	6.2	10.0796957	1.90E-01	166400665	166400788	NC_000006.11
cg19946694	3.01E-08	3.22E-09	6.2	10.0786602	9.35E-02	60093531	60093654	NC_000014.8
cg18412185	3.01E-08	3.22E-09	6.2	10.0782705	1.13E-01	16130102	16130225	NC_000001.10
cg00689612	3.01E-08	3.22E-09	6.2	10.0782693	8.25E-02	76899627	76899750	NC_000017.10
cg13691003	3.01E-08	3.22E-09	6.2	10.0779634	1.47E-01	75600399	75600522	NC_000001.10
cg19037454	3.02E-08	3.22E-09	6.2	10.077471	1.51E-01	165305238	165305361	NC_000004.11
cg14936269	3.02E-08	3.22E-09	6.2	10.0773478	2.03E-01	1968232	1968355	NC_000016.9
cg00157796	3.02E-08	3.22E-09	6.2	10.0769093	1.98E-01	159590231	159590354	NC_000006.11
cg03282345	3.02E-08	3.23E-09	6.2	10.0766274	8.58E-02	49934577	49934700	NC_000019.9
cg17288288	3.02E-08	3.23E-09	6.2	10.0756349	9.14E-02	51418092	51418215	NC_000013.10
cg23340214	3.02E-08	3.23E-09	6.2	10.0753949	1.11E-01	106974225	106974348	NC_000012.11
cg00517787	3.02E-08	3.23E-09	6.2	10.0752951	1.00E-01	154713235	154713358	NC_000004.11
cg15802263	3.02E-08	3.23E-09	6.2	10.075075	1.00E-01	54515245	54515368	NC_000019.9
cg05330121	3.02E-08	3.23E-09	6.2	10.0749515	1.18E-01	77166684	77166807	NC_000010.10
cg07778819	3.02E-08	3.23E-09	6.2	10.0744454	1.51E-01	43862927	43863050	NC_000017.10
cg17858697	3.02E-08	3.23E-09	6.2	10.0741413	6.80E-02	102794524	102794647	NC_000010.10
cg14558942	3.02E-08	3.23E-09	6.2	10.0741066	5.11E-02	67234346	67234469	NC_000011.9
cg22105145	3.02E-08	3.23E-09	6.2	10.0740606	1.51E-01	5196397	5196520	NC_000018.9
cg14614901	3.02E-08	3.23E-09	6.2	10.0739534	1.55E-01	32783463	32783586	NC_000009.11
cg08091023	3.03E-08	3.24E-09	6.2	10.0736034	2.93E-02	122258292	122258415	NC_000008.10
cg20581321	3.03E-08	3.24E-09	6.2	10.072018	1.72E-01	98963585	98963708	NC_000002.11
cg14323293	3.03E-08	3.24E-09	6.2	10.0717885	1.25E-01	98280076	98280199	NC_000009.11
cg24683695	3.04E-08	3.25E-09	6.2	10.0688026	8.95E-02	105882718	105882841	NC_000011.9

cg24444810	3.05E-08	3.26E-09	6.2	10.0661385	4.08E-02	14113156	14113279	NC_000011.9
cg04359558	3.05E-08	3.26E-09	6.2	10.0656314	1.69E-01	11648224	11648347	NC_000016.9
cg21869609	3.05E-08	3.26E-09	6.2	10.0654032	1.03E-01	2291613	2291736	NC_000019.9
cg01354588	3.05E-08	3.26E-09	6.2	10.0650299	9.22E-02	71657141	71657264	NC_000015.9
cg01766908	3.06E-08	3.27E-09	6.2	10.063073	1.70E-01	78080193	78080316	NC_000016.9
cg14475036	3.06E-08	3.27E-09	6.2	10.0629437	4.05E-02	61660412	61660535	NC_000004.11
cg12857945	3.06E-08	3.27E-09	6.2	10.0627884	1.47E-01	37127275	37127398	NC_000014.8
cg02681173	3.06E-08	3.27E-09	6.2	10.0626244	1.76E-01	130527106	130527229	NC_000012.11
cg00107579	3.06E-08	3.28E-09	6.2	10.0613827	9.20E-02	159398670	159398793	NC_000005.9
cg05488168	3.06E-08	3.28E-09	6.2	10.0613243	6.85E-02	13400637	13400760	NC_000019.9
cg23539933	3.06E-08	3.28E-09	6.2	10.0604536	2.27E-01	88752119	88752242	NC_000002.11
cg21897034	3.06E-08	3.28E-09	6.2	10.0601702	8.65E-02	38567652	38567775	NC_000003.11
cg06081518	3.07E-08	3.28E-09	6.2	10.0592742	1.64E-01	3220915	3221038	NC_000016.9
cg04398581	3.07E-08	3.28E-09	6.2	10.0590836	2.16E-01	62996627	62996750	NC_000006.11
cg22647407	3.07E-08	3.28E-09	6.2	10.0589968	2.22E-01	56904965	56905088	NC_000019.9
cg05957544	3.07E-08	3.29E-09	6.2	10.0577902	9.62E-02	45360804	45360927	NC_000021.8
cg22763680	3.08E-08	3.30E-09	6.2	10.0551856	1.48E-01	33815432	33815555	NC_000017.10
cg17310258	3.09E-08	3.31E-09	6.2	10.0526351	9.13E-02	31847173	31847296	NC_000011.9
cg06067884	3.09E-08	3.31E-09	6.2	10.0525431	5.55E-02	112086687	112086810	NC_000011.9
cg03175653	3.09E-08	3.31E-09	6.2	10.0522334	1.46E-01	74961798	74961921	NC_000018.9
cg09831026	3.09E-08	3.31E-09	6.2	10.0504711	1.90E-01	133485765	133485888	NC_000012.11
cg13170728	3.10E-08	3.32E-09	6.2	10.0478197	4.24E-02	91503707	91503830	NC_000015.9
cg22531183	3.11E-08	3.33E-09	6.2	10.0458542	2.26E-01	50554451	50554574	NC_000019.9
cg15215612	3.11E-08	3.33E-09	6.2	10.044349	1.63E-01	51231736	51231859	NC_000019.9
cg03885271	3.11E-08	3.34E-09	6.2	10.0437148	1.28E-01	61637547	61637670	NC_000020.10

cg19696012	3.11E-08	3.34E-09	6.2	10.043632	4.02E-02	128745037	128745160	NC_000008.10
cg13452260	3.12E-08	3.34E-09	6.2	10.0417789	1.45E-01	44919192	44919315	NC_000017.10
cg25407557	3.12E-08	3.34E-09	6.2	10.0413014	8.46E-02	132168981	132169104	NC_000012.11
cg02522785	3.12E-08	3.35E-09	6.2	10.0409253	4.75E-02	31557320	31557443	NC_000007.13
cg13106389	3.12E-08	3.35E-09	6.2	10.0400172	1.17E-01	25257626	25257749	NC_000001.10
cg22395255	3.13E-08	3.35E-09	6.2	10.0394826	6.43E-02	71903974	71904097	NC_000015.9
cg06575772	3.13E-08	3.35E-09	6.2	10.0392166	3.39E-02	142309263	142309386	NC_000008.10
cg26839961	3.13E-08	3.35E-09	6.2	10.0382911	7.91E-02	43018548	43018671	NC_000017.10
cg19817126	3.13E-08	3.36E-09	6.2	10.037511	1.33E-01	93357526	93357649	NC_000010.10
cg07657465	3.13E-08	3.36E-09	6.2	10.0372246	1.09E-01	22193911	22194034	NC_000019.9
cg19561615	3.13E-08	3.36E-09	6.2	10.0371666	5.06E-02	66584218	66584341	NC_000015.9
cg19586881	3.13E-08	3.36E-09	6.2	10.0368938	1.28E-01	172756999	172757122	NC_000005.9
cg24603408	3.13E-08	3.36E-09	6.2	10.0368399	1.55E-01	22562397	22562520	NC_000008.10
cg18939241	3.13E-08	3.36E-09	6.2	10.0367159	9.36E-02	26109394	26109517	NC_000015.9
cg05493394	3.14E-08	3.37E-09	6.2	10.0346794	1.79E-01	133562035	133562158	NC_000006.11
cg06039355	3.14E-08	3.37E-09	6.2	10.0341589	1.75E-01	118032033	118032156	NC_000010.10
cg06534197	3.14E-08	3.37E-09	6.2	10.034118	3.72E-02	178069714	178069837	NC_000002.11
cg18423935	3.14E-08	3.37E-09	6.2	10.0337225	1.74E-01	120626667	120626790	NC_000003.11
cg09709592	3.14E-08	3.37E-09	6.2	10.033218	5.50E-02	2580833	2580956	NC_000016.9
cg12510614	3.14E-08	3.37E-09	6.2	10.0329547	6.60E-02	157782916	157783039	NC_000007.13
cg07122009	3.15E-08	3.38E-09	6.19	10.0298652	3.08E-02	1611802	1611925	NC_000016.9
cg07313155	3.15E-08	3.38E-09	6.19	10.02986	3.41E-02	38218601	38218724	NC_000017.10
cg27617058	3.16E-08	3.39E-09	6.19	10.0285112	4.96E-02	53392286	53392409	NC_000008.10
cg13930177	3.16E-08	3.39E-09	6.19	10.0274141	1.18E-01	5996654	5996777	NC_000009.11
cg14347088	3.16E-08	3.39E-09	6.19	10.0273937	1.43E-01	42078901	42079024	NC_000014.8

cg20416110	3.16E-08	3.39E-09	6.19	10.0273027	1.43E-01	102508441	102508564	NC_000010.10
cg27458631	3.16E-08	3.39E-09	6.19	10.0267912	3.39E-02	30749857	30749980	NC_000022.10
cg11513637	3.16E-08	3.39E-09	6.19	10.0267648	1.99E-01	37005501	37005624	NC_000013.10
cg04024095	3.16E-08	3.39E-09	6.19	10.0266655	1.20E-01	54610139	54610262	NC_000007.13
cg19310322	3.16E-08	3.40E-09	6.19	10.0264542	6.44E-02	70648049	70648172	NC_000004.11
cg02440668	3.16E-08	3.40E-09	6.19	10.0262161	2.28E-01	77721989	77722112	NC_000017.10
cg26962778	3.17E-08	3.40E-09	6.19	10.0254014	9.89E-02	140740437	140740560	NC_000005.9
cg26818625	3.17E-08	3.40E-09	6.19	10.0250916	1.65E-01	72471153	72471276	NC_000008.10
cg13439299	3.17E-08	3.40E-09	6.19	10.0249828	4.57E-02	27498173	27498296	NC_000002.11
cg06460553	3.17E-08	3.41E-09	6.19	10.0235044	1.45E-01	49763530	49763653	NC_000022.10
cg25976242	3.17E-08	3.41E-09	6.19	10.0228475	1.60E-01	118241348	118241471	NC_000006.11
cg19020830	3.18E-08	3.41E-09	6.19	10.0208395	1.38E-01	44332332	44332455	NC_000011.9
cg09311778	3.18E-08	3.42E-09	6.19	10.0208174	2.53E-02	47863680	47863803	NC_000017.10
cg06439489	3.18E-08	3.42E-09	6.19	10.0207275	5.82E-02	176044620	176044743	NC_000005.9
cg14266251	3.18E-08	3.42E-09	6.19	10.0203202	1.42E-01	135462291	135462414	NC_000009.11
cg19712965	3.18E-08	3.42E-09	6.19	10.0201704	2.33E-01	244013006	244013129	NC_000001.10
cg18197963	3.19E-08	3.43E-09	6.19	10.0172539	3.28E-02	29195838	29195961	NC_000008.10
cg02637843	3.20E-08	3.43E-09	6.19	10.016205	4.94E-02	1226699	1226822	NC_000017.10
cg04532707	3.20E-08	3.43E-09	6.19	10.0161873	6.99E-02	145637525	145637648	NC_000008.10
cg11438039	3.20E-08	3.44E-09	6.19	10.0149105	1.22E-01	62145697	62145820	NC_000003.11
cg04714232	3.20E-08	3.44E-09	6.19	10.0147816	9.50E-02	61719054	61719177	NC_000020.10
cg10734218	3.20E-08	3.44E-09	6.19	10.0140805	7.88E-02	62514673	62514796	NC_000007.13
cg10836392	3.20E-08	3.44E-09	6.19	10.0137092	1.35E-01	44258132	44258255	NC_000022.10
cg08510182	3.20E-08	3.44E-09	6.19	10.0130714	3.39E-02	49110651	49110774	NC_000019.9
cg26309457	3.21E-08	3.44E-09	6.19	10.0127581	1.24E-01	166218237	166218360	NC_000006.11



cg13338350	3.21E-08	3.44E-09	6.19	10.0123194	8.97E-02	53238337	53238460	NC_000019.9
cg22571530	3.21E-08	3.45E-09	6.19	10.0117965	1.62E-01	204797929	204798052	NC_000001.10
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cg13260012	3.22E-08	3.46E-09	6.19	10.0092047	1.54E-01	43603788	43603911	NC_000011.9
cg03453917	3.22E-08	3.46E-09	6.19	10.0083666	2.41E-01	124896232	124896355	NC_000010.10
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cg15540138	3.22E-08	3.46E-09	6.19	10.0082591	1.86E-01	166795622	166795745	NC_000004.11
cg07621046	3.22E-08	3.46E-09	6.19	10.0078471	1.22E-01	118429658	118429781	NC_000010.10
cg00908733	3.22E-08	3.46E-09	6.19	10.0073056	2.14E-01	51071294	51071417	NC_000019.9
cg15944060	3.23E-08	3.47E-09	6.19	10.0062009	1.01E-01	180248018	180248141	NC_000005.9
cg02937674	3.23E-08	3.47E-09	6.19	10.0060521	1.34E-01	49579997	49580120	NC_000011.9
cg03776662	3.23E-08	3.47E-09	6.19	10.0053095	9.10E-02	122430677	122430800	NC_000005.9
cg02125614	3.23E-08	3.47E-09	6.19	10.0047223	1.64E-01	21680848	21680971	NC_000012.11
cg03515897	3.23E-08	3.47E-09	6.19	10.0045111	8.47E-02	95980971	95981094	NC_000014.8
cg22593533	3.23E-08	3.47E-09	6.19	10.0039705	1.02E-01	34397654	34397777	NC_000021.8
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cg03374965	3.23E-08	3.47E-09	6.19	10.0038632	2.01E-01	72322460	72322583	NC_000017.10
cg19320275	3.23E-08	3.48E-09	6.19	10.0037034	1.73E-01	47063408	47063531	NC_000021.8
cg27314761	3.24E-08	3.48E-09	6.19	10.0022775	8.21E-02	196525457	196525580	NC_000002.11
cg17377066	3.24E-08	3.49E-09	6.19	9.9998847	8.26E-02	1481726	1481849	NC_000019.9
cg24711397	3.25E-08	3.49E-09	6.19	9.9992247	1.01E-01	64572927	64573050	NC_000010.10
cg14518098	3.25E-08	3.49E-09	6.19	9.9988187	6.62E-02	135085065	135085188	NC_000009.11
cg08033730	3.25E-08	3.49E-09	6.19	9.9985716	3.66E-02	7319125	7319248	NC_000001.10
cg02642822	3.25E-08	3.50E-09	6.19	9.9981183	1.41E-01	46666926	46667049	NC_000017.10
cg25957306	3.25E-08	3.50E-09	6.19	9.9977509	3.55E-02	57020274	57020397	NC_000012.11

cg10875499	3.25E-08	3.50E-09	6.19	9.9972741	9.53E-02	1428900	1429023	NC_000007.13
cg06640840	3.26E-08	3.50E-09	6.19	9.9959787	4.06E-02	74353954	74354077	NC_000017.10
cg16351010	3.26E-08	3.50E-09	6.19	9.9954112	6.11E-02	221513	221636	NC_000005.9
cg27657532	3.26E-08	3.51E-09	6.19	9.9940293	1.09E-01	2923847	2923970	NC_000019.9
cg05987823	3.27E-08	3.51E-09	6.19	9.99307	9.32E-02	54428592	54428715	NC_000012.11
cg13487156	3.27E-08	3.51E-09	6.19	9.9929137	6.93E-02	16467610	16467733	NC_000003.11
cg15662251	3.27E-08	3.51E-09	6.19	9.9928676	1.04E-01	26197855	26197978	NC_000001.10
cg22402852	3.27E-08	3.52E-09	6.19	9.9916657	1.71E-01	108853204	108853327	NC_000004.11
cg21739754	3.27E-08	3.52E-09	6.19	9.9909151	1.63E-01	185462847	185462970	NC_000002.11
cg06388647	3.28E-08	3.53E-09	6.19	9.988562	6.65E-02	121467863	121467986	NC_000002.11
cg07949597	3.28E-08	3.53E-09	6.19	9.9875228	1.53E-01	3355079	3355202	NC_000016.9
cg21730091	3.29E-08	3.54E-09	6.19	9.9866189	9.95E-02	5936877	5937000	NC_000012.11
cg18075011	3.29E-08	3.54E-09	6.19	9.984661	9.77E-02	52537803	52537926	NC_000003.11
cg12853633	3.30E-08	3.55E-09	6.19	9.9832442	1.43E-01	57264919	57265042	NC_000014.8
cg19413863	3.30E-08	3.55E-09	6.19	9.9828836	6.47E-02	128391540	128391663	NC_000004.11
cg17687493	3.30E-08	3.55E-09	6.19	9.9828456	1.63E-01	118229306	118229429	NC_000006.11
cg03013946	3.30E-08	3.55E-09	6.19	9.9826736	1.05E-01	44142512	44142635	NC_000020.10
cg16043144	3.30E-08	3.55E-09	6.19	9.9823012	1.43E-01	83316378	83316501	NC_000015.9
cg18701218	3.30E-08	3.55E-09	6.19	9.9816194	1.14E-01	4108947	4109070	NC_000004.11
cg00522056	3.31E-08	3.56E-09	6.19	9.9801702	2.21E-01	154335386	154335509	NC_000002.11
cg02126950	3.31E-08	3.56E-09	6.19	9.9800096	1.20E-01	48143384	48143507	NC_000014.8
cg01022250	3.31E-08	3.56E-09	6.19	9.9794244	2.86E-02	4685178	4685301	NC_000017.10
cg20616414	3.31E-08	3.56E-09	6.19	9.9793253	1.81E-01	95947396	95947519	NC_000009.11
cg25661892	3.31E-08	3.57E-09	6.18	9.9783616	8.59E-02	40567317	40567440	NC_000006.11
cg17802464	3.31E-08	3.57E-09	6.18	9.977558	1.03E-01	30868156	30868279	NC_000022.10

cg19294931	3.32E-08	3.57E-09	6.18	9.9774486	4.78E-02	43230558	43230681	NC_000006.11
cg12522060	3.32E-08	3.57E-09	6.18	9.9770912	4.34E-02	141499477	141499600	NC_000003.11
cg22418083	3.32E-08	3.57E-09	6.18	9.9766886	1.39E-01	42995283	42995406	NC_000005.9
cg03322328	3.32E-08	3.57E-09	6.18	9.9762521	8.70E-02	2295506	2295629	NC_000002.11
cg13355078	3.32E-08	3.58E-09	6.18	9.9751605	6.35E-02	2636363	2636486	NC_000006.11
cg26720545	3.32E-08	3.58E-09	6.18	9.974907	1.22E-01	37618009	37618132	NC_000006.11
cg04203646	3.32E-08	3.58E-09	6.18	9.9747632	1.29E-01	1467008	1467131	NC_000019.9
cg06470424	3.33E-08	3.59E-09	6.18	9.9732848	8.49E-02	1968456	1968579	NC_000019.9
cg19871722	3.33E-08	3.59E-09	6.18	9.9722245	1.01E-01	34226580	34226703	NC_000010.10
cg04719819	3.33E-08	3.59E-09	6.18	9.9713978	1.34E-01	30037696	30037819	NC_000011.9
cg19843449	3.33E-08	3.59E-09	6.18	9.9713137	7.32E-02	27217186	27217309	NC_000015.9
cg01635405	3.34E-08	3.60E-09	6.18	9.9700779	1.81E-01	124896713	124896836	NC_000010.10
cg02272814	3.34E-08	3.60E-09	6.18	9.9697038	5.71E-02	46655782	46655905	NC_000006.11
cg25079628	3.34E-08	3.60E-09	6.18	9.9686548	7.08E-02	3576868	3576991	NC_000010.10
cg17334018	3.34E-08	3.60E-09	6.18	9.9685492	1.70E-01	96470293	96470416	NC_000004.11
cg04436207	3.35E-08	3.60E-09	6.18	9.967975	1.31E-01	147136463	147136586	NC_000003.11
cg25798413	3.35E-08	3.61E-09	6.18	9.9665663	1.20E-01	86670630	86670753	NC_000002.11
cg16417588	3.35E-08	3.61E-09	6.18	9.9659627	5.11E-02	31093811	31093934	NC_000015.9
cg16419354	3.35E-08	3.61E-09	6.18	9.9653254	1.63E-01	179713349	179713472	NC_000001.10
cg01887440	3.36E-08	3.62E-09	6.18	9.964373	4.36E-02	11844845	11844968	NC_000016.9
cg03271997	3.36E-08	3.62E-09	6.18	9.9639966	6.07E-02	423683	423806	NC_000006.11
cg26612727	3.36E-08	3.62E-09	6.18	9.9628317	1.17E-01	38024636	38024759	NC_000017.10
cg19048331	3.36E-08	3.62E-09	6.18	9.9626454	1.20E-01	11897921	11898044	NC_000020.10
cg20171559	3.36E-08	3.63E-09	6.18	9.962398	1.16E-01	27127448	27127571	NC_000007.13
cg07091741	3.37E-08	3.63E-09	6.18	9.9618133	1.71E-02	15493097	15493220	NC_000006.11

cg08732418	3.37E-08	3.63E-09	6.18	9.9617701	7.55E-02	41228676	41228799	NC_000015.9
cg09277709	3.37E-08	3.63E-09	6.18	9.960116	1.34E-01	46224285	46224408	NC_000019.9
cg26435928	3.38E-08	3.64E-09	6.18	9.9582628	1.14E-01	75668758	75668881	NC_000003.11
cg11640378	3.38E-08	3.64E-09	6.18	9.9577992	1.45E-01	27282233	27282356	NC_000007.13
cg08991339	3.38E-08	3.65E-09	6.18	9.9565406	1.34E-01	19812327	19812450	NC_000007.13
cg10286380	3.38E-08	3.65E-09	6.18	9.955843	1.36E-01	51171847	51171970	NC_000019.9
cg05733135	3.39E-08	3.65E-09	6.18	9.9556018	1.74E-01	27740876	27740999	NC_000011.9
cg09053097	3.39E-08	3.65E-09	6.18	9.955266	1.02E-01	44914828	44914951	NC_000011.9
cg25997219	3.39E-08	3.65E-09	6.18	9.9552163	1.18E-01	170579332	170579455	NC_000006.11
cg09438147	3.39E-08	3.66E-09	6.18	9.953948	1.75E-01	210636533	210636656	NC_000002.11
cg13600489	3.39E-08	3.66E-09	6.18	9.9528091	1.76E-01	36988217	36988340	NC_000014.8
cg13751330	3.40E-08	3.66E-09	6.18	9.9525752	8.73E-02	134376826	134376949	NC_000009.11
cg06507072	3.40E-08	3.66E-09	6.18	9.9523254	3.18E-02	310683	310806	NC_000016.9
cg23112425	3.40E-08	3.67E-09	6.18	9.9513967	1.09E-01	547637	547760	NC_000007.13
cg04091555	3.40E-08	3.67E-09	6.18	9.9504157	1.11E-01	79417584	79417707	NC_000004.11
cg04269791	3.40E-08	3.67E-09	6.18	9.9494831	4.41E-02	159440541	159440664	NC_000002.11
cg13368519	3.41E-08	3.68E-09	6.18	9.948357	1.64E-01	50893149	50893272	NC_000001.10
cg25781595	3.41E-08	3.68E-09	6.18	9.9480688	1.85E-01	48918712	48918835	NC_000019.9
cg05300717	3.41E-08	3.68E-09	6.18	9.9472284	2.24E-02	65546210	65546333	NC_000011.9
cg09099868	3.41E-08	3.68E-09	6.18	9.9471011	1.04E-01	22622793	22622916	NC_000010.10
cg08744177	3.41E-08	3.68E-09	6.18	9.9470163	1.47E-01	1278508	1278631	NC_000007.13
cg11250773	3.42E-08	3.69E-09	6.18	9.9459114	1.60E-01	44288021	44288144	NC_000022.10
cg12153542	3.42E-08	3.69E-09	6.18	9.9448246	1.60E-01	30063129	30063252	NC_000020.10
cg24650785	3.42E-08	3.69E-09	6.18	9.94436	1.56E-01	27741916	27742039	NC_000011.9
cg04181546	3.42E-08	3.70E-09	6.18	9.943733	1.32E-01	79631748	79631871	NC_000009.11

cg09015433	3.42E-08	3.70E-09	6.18	9.9434587	1.33E-01	57359970	57360093	NC_000008.10
cg23051046	3.43E-08	3.70E-09	6.18	9.9421036	1.39E-01	223177574	223177697	NC_000002.11
cg14289093	3.43E-08	3.70E-09	6.18	9.9419714	4.77E-02	74233112	74233235	NC_000017.10
cg03940848	3.43E-08	3.70E-09	6.18	9.9419439	1.87E-01	229543112	229543235	NC_000001.10
cg00011740	3.43E-08	3.70E-09	6.18	9.9417291	1.75E-01	49311903	49312026	NC_000016.9
cg00810956	3.43E-08	3.71E-09	6.18	9.9411196	1.94E-01	27771766	27771889	NC_000003.11
cg23821337	3.43E-08	3.71E-09	6.18	9.9404225	5.02E-02	146710676	146710799	NC_000001.10
cg21227085	3.44E-08	3.71E-09	6.18	9.9398622	9.36E-02	7853851	7853974	NC_000019.9
cg02974928	3.44E-08	3.71E-09	6.18	9.9386045	2.39E-01	181452044	181452167	NC_000001.10
cg26337312	3.44E-08	3.72E-09	6.18	9.9378809	1.23E-01	165321741	165321864	NC_000001.10
cg07421806	3.45E-08	3.72E-09	6.18	9.9367238	1.47E-01	128301136	128301259	NC_000005.9
cg13355047	3.45E-08	3.72E-09	6.18	9.9365421	2.40E-01	4304554	4304677	NC_000019.9
cg07128111	3.45E-08	3.72E-09	6.18	9.9362283	1.53E-01	37840158	37840281	NC_000005.9
cg08003150	3.45E-08	3.73E-09	6.18	9.935364	1.84E-01	62103627	62103750	NC_000020.10
cg24754956	3.45E-08	3.73E-09	6.18	9.9349243	9.73E-02	1729851	1729974	NC_000019.9
cg19244662	3.45E-08	3.73E-09	6.18	9.9340555	7.40E-02	43320153	43320276	NC_000018.9
cg17842562	3.46E-08	3.74E-09	6.18	9.9326528	6.23E-02	122335472	122335595	NC_000002.11
cg01026196	3.47E-08	3.75E-09	6.18	9.9299838	7.17E-02	133798911	133799034	NC_000009.11
cg21233722	3.47E-08	3.75E-09	6.18	9.9294211	1.31E-01	169064660	169064783	NC_000005.9
cg11401794	3.47E-08	3.75E-09	6.18	9.9287891	1.04E-01	1016279	1016402	NC_000005.9
cg23097878	3.47E-08	3.75E-09	6.18	9.9287725	1.67E-01	45879730	45879853	NC_000011.9
cg17670890	3.48E-08	3.76E-09	6.18	9.9278595	7.26E-02	176011783	176011906	NC_000005.9
cg21081803	3.48E-08	3.76E-09	6.18	9.9271345	1.31E-01	2915236	2915359	NC_000005.9
cg05991539	3.48E-08	3.76E-09	6.18	9.9271082	7.30E-02	31692365	31692488	NC_000006.11
cg00977842	3.48E-08	3.76E-09	6.17	9.9264002	1.40E-01	82050793	82050916	NC_000010.10

cg21176643	3.48E-08	3.77E-09	6.17	9.9251509	1.88E-01	106979874	106979997	NC_000012.11
cg11935147	3.48E-08	3.77E-09	6.17	9.9249459	1.20E-01	145075831	145075954	NC_000001.10
cg21726079	3.49E-08	3.77E-09	6.17	9.9247438	1.63E-01	53424716	53424839	NC_000013.10
cg18755230	3.49E-08	3.77E-09	6.17	9.9238864	7.58E-02	150100785	150100908	NC_000007.13
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cg17198308	3.49E-08	3.77E-09	6.17	9.923054	1.43E-01	6665108	6665231	NC_000012.11
cg25137436	3.49E-08	3.78E-09	6.17	9.9223783	3.20E-02	113299913	113300036	NC_000013.10
cg25975689	3.50E-08	3.79E-09	6.17	9.9190553	1.23E-01	54330354	54330477	NC_000012.11
cg26133736	3.50E-08	3.79E-09	6.17	9.9188833	1.99E-02	108879314	108879437	NC_000006.11
cg04892170	3.51E-08	3.80E-09	6.17	9.9170122	1.18E-01	128076910	128077033	NC_000010.10
cg14223646	3.52E-08	3.80E-09	6.17	9.9158118	8.57E-02	155855699	155855822	NC_000007.13
cg01089331	3.52E-08	3.80E-09	6.17	9.9155216	1.21E-01	18024929	18025052	NC_000004.11
cg03357547	3.52E-08	3.81E-09	6.17	9.9145289	1.06E-01	51165207	51165330	NC_000019.9
cg25731959	3.52E-08	3.81E-09	6.17	9.9136059	8.87E-02	1171952	1172075	NC_000001.10
cg14381623	3.52E-08	3.81E-09	6.17	9.9134425	1.23E-01	139091650	139091773	NC_000009.11
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cg20971220	3.53E-08	3.81E-09	6.17	9.9126567	1.68E-01	50554067	50554190	NC_000019.9
cg16384588	3.53E-08	3.82E-09	6.17	9.9122833	1.73E-01	44388949	44389072	NC_000005.9
cg18073390	3.53E-08	3.82E-09	6.17	9.9120744	9.41E-02	140166568	140166691	NC_000005.9
cg21258821	3.53E-08	3.82E-09	6.17	9.9119772	7.23E-02	41702795	41702918	NC_000013.10
cg20709008	3.53E-08	3.82E-09	6.17	9.9113916	1.40E-01	182545934	182546057	NC_000002.11
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cg05982485	3.53E-08	3.82E-09	6.17	9.910178	1.37E-01	161275449	161275572	NC_000005.9
cg06734985	3.53E-08	3.83E-09	6.17	9.9099502	1.40E-01	26849501	26849624	NC_000011.9
cg04159903	3.54E-08	3.83E-09	6.17	9.9095277	1.47E-01	42949799	42949922	NC_000005.9

cg09684106	3.54E-08	3.83E-09	6.17	9.9092959	1.03E-01	55640291	55640414	NC_000011.9
cg08358263	3.54E-08	3.83E-09	6.17	9.909121	1.07E-01	106557481	106557604	NC_000006.11
cg04541228	3.55E-08	3.84E-09	6.17	9.9062685	3.12E-02	11625883	11626006	NC_000008.10
cg02604211	3.55E-08	3.84E-09	6.17	9.9062104	1.01E-01	27453034	27453157	NC_000011.9
cg07142461	3.55E-08	3.84E-09	6.17	9.9055277	1.29E-01	32483912	32484035	NC_000017.10
cg05603610	3.55E-08	3.85E-09	6.17	9.9047505	6.36E-02	88442845	88442968	NC_000016.9
cg11440915	3.55E-08	3.85E-09	6.17	9.9040694	1.77E-01	76387161	76387284	NC_000013.10
cg25499067	3.55E-08	3.85E-09	6.17	9.9039142	1.15E-01	23559988	23560111	NC_000008.10
cg00662963	3.56E-08	3.85E-09	6.17	9.9037425	7.57E-02	138739722	138739845	NC_000003.11
cg00655147	3.56E-08	3.85E-09	6.17	9.9024513	1.10E-01	91292402	91292525	NC_000010.10
cg04083575	3.57E-08	3.86E-09	6.17	9.9002039	2.04E-01	153748818	153748941	NC_000007.13
cg07949011	3.57E-08	3.86E-09	6.17	9.8998819	1.14E-01	62729257	62729380	NC_000001.10
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cg20826576	3.57E-08	3.87E-09	6.17	9.8983305	1.11E-01	170636223	170636346	NC_000001.10
cg08051049	3.58E-08	3.87E-09	6.17	9.8974055	4.87E-02	1824719	1824842	NC_000011.9
cg03877332	3.58E-08	3.88E-09	6.17	9.8965155	1.12E-01	6247830	6247953	NC_000004.11
cg08362273	3.58E-08	3.88E-09	6.17	9.8962706	1.08E-01	46719577	46719700	NC_000017.10
cg26871875	3.58E-08	3.88E-09	6.17	9.89569	6.14E-02	1612664	1612787	NC_000012.11
cg05285244	3.58E-08	3.88E-09	6.17	9.8956684	1.14E-01	149412760	149412883	NC_000007.13
cg15707428	3.59E-08	3.89E-09	6.17	9.894268	1.28E-01	11679845	11679968	NC_000002.11
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cg12806728	3.60E-08	3.90E-09	6.17	9.8903883	5.32E-02	26510580	26510703	NC_000006.11
cg15110917	3.60E-08	3.90E-09	6.17	9.8901113	1.06E-01	7959339	7959462	NC_000007.13
cg13461241	3.60E-08	3.91E-09	6.17	9.8896012	1.75E-01	52956771	52956894	NC_000019.9

cg27280904	3.61E-08	3.91E-09	6.17	9.8888489	1.89E-01	34443601	34443724	NC_000021.8
cg03117540	3.61E-08	3.91E-09	6.17	9.8876693	1.94E-02	3498927	3499050	NC_000001.10
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cg09098144	3.61E-08	3.92E-09	6.17	9.8865134	4.49E-02	186134757	186134880	NC_000004.11
cg25825506	3.62E-08	3.92E-09	6.17	9.8863137	1.64E-01	96626659	96626782	NC_000007.13
cg14793406	3.62E-08	3.92E-09	6.17	9.8862134	1.39E-01	115135906	115136029	NC_000012.11
cg07746427	3.62E-08	3.92E-09	6.17	9.8852348	1.50E-01	125485761	125485884	NC_000003.11
cg01617990	3.62E-08	3.93E-09	6.17	9.8844035	1.01E-01	1245967	1246090	NC_000016.9
cg26620157	3.62E-08	3.93E-09	6.17	9.884205	1.48E-01	37130297	37130420	NC_000014.8
cg24867215	3.62E-08	3.93E-09	6.17	9.8837346	1.16E-01	18709521	18709644	NC_000019.9
cg13883232	3.63E-08	3.93E-09	6.17	9.8833247	5.18E-02	139746122	139746245	NC_000009.11
cg01057196	3.64E-08	3.94E-09	6.17	9.8799015	1.12E-01	170254397	170254520	NC_000001.10
cg04703951	3.64E-08	3.94E-09	6.17	9.8798238	6.68E-02	43578652	43578775	NC_000017.10
cg13195690	3.64E-08	3.95E-09	6.17	9.8786138	4.03E-02	56232921	56233044	NC_000014.8
cg16956426	3.66E-08	3.97E-09	6.16	9.873754	1.46E-01	94285286	94285409	NC_000007.13
cg01446576	3.66E-08	3.97E-09	6.16	9.8735931	2.19E-02	160313037	160313160	NC_000001.10
cg05953100	3.66E-08	3.97E-09	6.16	9.8730908	1.23E-01	49309238	49309361	NC_000016.9
cg23352157	3.66E-08	3.97E-09	6.16	9.8729305	8.43E-02	3025689	3025812	NC_000007.13
cg21743830	3.66E-08	3.97E-09	6.16	9.8726423	5.18E-02	8117966	8118089	NC_000019.9
cg00782367	3.66E-08	3.97E-09	6.16	9.8725298	4.40E-02	98740667	98740790	NC_000010.10
cg20706536	3.67E-08	3.98E-09	6.16	9.8720564	3.30E-02	141388676	141388799	NC_000007.13
cg06959142	3.67E-08	3.98E-09	6.16	9.8720476	1.46E-01	91182731	91182854	NC_000001.10
cg02622052	3.67E-08	3.98E-09	6.16	9.87185	1.89E-01	41086274	41086397	NC_000012.11
cg00544557	3.67E-08	3.98E-09	6.16	9.8714229	6.51E-02	39578742	39578865	NC_000021.8
cg00003722	3.67E-08	3.98E-09	6.16	9.8709169	4.12E-02	4500434	4500557	NC_000010.10



cg22345878	3.67E-08	3.98E-09	6.16	9.8700786	9.57E-02	6234313	6234436	NC_000012.11
cg23912186	3.67E-08	3.98E-09	6.16	9.8699524	7.50E-02	207144812	207144935	NC_000001.10
cg00996847	3.67E-08	3.99E-09	6.16	9.869493	9.16E-02	59902528	59902651	NC_000001.10
cg13164087	3.68E-08	3.99E-09	6.16	9.8681427	9.59E-02	87832666	87832789	NC_000006.11
cg11215918	3.68E-08	3.99E-09	6.16	9.867688	1.60E-01	34395699	34395822	NC_000021.8
cg07380959	3.68E-08	4.00E-09	6.16	9.86725	2.02E-01	93520323	93520446	NC_000007.13
cg16625671	3.69E-08	4.00E-09	6.16	9.8658426	1.26E-01	157602665	157602788	NC_000005.9
cg00064261	3.69E-08	4.01E-09	6.16	9.8647575	1.29E-01	229570057	229570180	NC_000001.10
cg16650529	3.69E-08	4.01E-09	6.16	9.8640347	1.34E-01	182548750	182548873	NC_000002.11
cg04691829	3.70E-08	4.02E-09	6.16	9.8618934	1.20E-01	133510110	133510233	NC_000005.9
cg22974982	3.70E-08	4.02E-09	6.16	9.8616674	1.43E-01	30323251	30323374	NC_000012.11
cg20747073	3.70E-08	4.02E-09	6.16	9.8614498	7.95E-02	56148037	56148160	NC_000019.9
cg11901043	3.71E-08	4.02E-09	6.16	9.8604801	1.40E-01	22093960	22094083	NC_000012.11
cg19111378	3.71E-08	4.02E-09	6.16	9.8604733	1.57E-01	39844956	39845079	NC_000008.10
cg08644482	3.71E-08	4.03E-09	6.16	9.8601476	8.63E-02	24421423	24421546	NC_000001.10
cg05583398	3.71E-08	4.03E-09	6.16	9.8600831	1.43E-01	26664181	26664304	NC_000003.11
cg17701991	3.71E-08	4.03E-09	6.16	9.8589314	4.02E-02	29305699	29305822	NC_000007.13
cg13288195	3.71E-08	4.03E-09	6.16	9.8589148	1.14E-01	63889711	63889834	NC_000015.9
cg03472851	3.71E-08	4.03E-09	6.16	9.8586671	4.38E-02	149982378	149982501	NC_000006.11
cg03415617	3.71E-08	4.03E-09	6.16	9.8581574	1.36E-01	34726856	34726979	NC_000016.9
cg14314029	3.71E-08	4.03E-09	6.16	9.8579061	1.77E-01	121956643	121956766	NC_000007.13
cg05952494	3.72E-08	4.04E-09	6.16	9.8574711	2.00E-01	4378316	4378439	NC_000012.11
cg13850606	3.72E-08	4.04E-09	6.16	9.8567667	1.62E-01	229543554	229543677	NC_000001.10
cg12021814	3.73E-08	4.05E-09	6.16	9.8537637	1.57E-01	172973195	172973318	NC_000002.11
cg11071207	3.73E-08	4.05E-09	6.16	9.8532969	1.45E-01	110611218	110611341	NC_000001.10

cg22398879	3.73E-08	4.06E-09	6.16	9.852854	6.98E-02	49173419	49173542	NC_000008.10
cg06118571	3.74E-08	4.06E-09	6.16	9.8520004	9.80E-02	6137768	6137891	NC_000001.10
cg23323468	3.74E-08	4.06E-09	6.16	9.8519583	3.72E-02	228513073	228513196	NC_000002.11
cg03715143	3.74E-08	4.06E-09	6.16	9.8517373	1.28E-01	19837743	19837866	NC_000006.11
cg19148251	3.74E-08	4.06E-09	6.16	9.8505686	5.50E-02	64011238	64011361	NC_000011.9
cg16878214	3.74E-08	4.07E-09	6.16	9.8498314	1.07E-01	96167001	96167124	NC_000008.10
cg03408024	3.75E-08	4.07E-09	6.16	9.8484986	1.26E-01	147075042	147075165	NC_000004.11
cg24789682	3.75E-08	4.07E-09	6.16	9.8483044	1.38E-01	152217416	152217539	NC_000004.11
cg25201881	3.75E-08	4.08E-09	6.16	9.8469541	1.77E-01	114695527	114695650	NC_000001.10
cg10591652	3.76E-08	4.09E-09	6.16	9.8451481	1.46E-01	167956414	167956537	NC_000005.9
cg07442204	3.76E-08	4.09E-09	6.16	9.8447036	5.27E-02	18587943	18588066	NC_000017.10
cg15883603	3.77E-08	4.10E-09	6.16	9.8426465	8.75E-02	186622408	186622531	NC_000004.11
cg06049932	3.77E-08	4.10E-09	6.16	9.8423668	5.37E-02	33133485	33133608	NC_000006.11
cg14583673	3.77E-08	4.10E-09	6.16	9.8421644	1.65E-01	15499895	15500018	NC_000005.9
cg13988851	3.77E-08	4.10E-09	6.16	9.8417463	2.05E-01	84456722	84456845	NC_000013.10
cg07053697	3.78E-08	4.11E-09	6.16	9.8401396	1.18E-01	111374835	111374958	NC_000012.11
cg15861196	3.78E-08	4.11E-09	6.16	9.8399271	1.23E-01	20618308	20618431	NC_000011.9
cg24948499	3.78E-08	4.11E-09	6.16	9.8396019	6.59E-02	79224065	79224188	NC_000017.10
cg18568990	3.78E-08	4.11E-09	6.16	9.8393767	1.54E-01	78493712	78493835	NC_000013.10
cg17250701	3.78E-08	4.11E-09	6.16	9.8389828	1.19E-01	18813979	18814102	NC_000011.9
cg23191370	3.79E-08	4.12E-09	6.16	9.8376164	9.17E-02	31513261	31513384	NC_000006.11
cg00625334	3.79E-08	4.12E-09	6.16	9.8373494	1.23E-01	31020754	31020877	NC_000018.9
cg11891393	3.79E-08	4.12E-09	6.16	9.8373346	1.75E-01	100911727	100911850	NC_000006.11
cg16143559	3.79E-08	4.12E-09	6.16	9.8373234	5.20E-02	120387299	120387422	NC_000001.10
cg07097876	3.79E-08	4.12E-09	6.16	9.8362771	1.23E-01	71409997	71410120	NC_000015.9

cg17707126	3.79E-08	4.13E-09	6.16	9.8357632	9.49E-02	52711371	52711494	NC_000006.11
cg24448113	3.79E-08	4.13E-09	6.16	9.8357169	9.43E-02	140475611	140475734	NC_000005.9
cg16763270	3.79E-08	4.13E-09	6.16	9.8354508	2.36E-02	57131910	57132033	NC_000003.11
cg22276619	3.80E-08	4.13E-09	6.16	9.8348563	1.51E-01	21645332	21645455	NC_000008.10
cg17202313	3.80E-08	4.13E-09	6.16	9.8347429	2.33E-01	181444989	181445112	NC_000003.11
cg18753440	3.80E-08	4.13E-09	6.16	9.834428	1.47E-01	63955786	63955909	NC_000007.13
cg22196218	3.80E-08	4.13E-09	6.16	9.8338852	4.15E-02	169423832	169423955	NC_000006.11
cg09380594	3.80E-08	4.14E-09	6.16	9.8335187	8.55E-02	67980422	67980545	NC_000014.8
cg11524248	3.80E-08	4.14E-09	6.16	9.8334875	5.76E-02	149545907	149546030	NC_000005.9
cg04352704	3.80E-08	4.14E-09	6.16	9.8334606	3.64E-02	105239544	105239667	NC_000014.8
cg08409173	3.81E-08	4.14E-09	6.16	9.8324095	1.71E-01	7853544	7853667	NC_000019.9
cg01333350	3.81E-08	4.14E-09	6.16	9.8319772	1.76E-01	5712884	5713007	NC_000004.11
cg03707308	3.81E-08	4.14E-09	6.16	9.8317458	1.47E-01	6002766	6002889	NC_000006.11
cg08862148	3.81E-08	4.15E-09	6.16	9.8304531	8.31E-02	29595315	29595438	NC_000006.11
cg08748184	3.81E-08	4.15E-09	6.16	9.8304142	1.63E-01	741075	741198	NC_000002.11
cg05637536	3.81E-08	4.15E-09	6.16	9.8302371	8.81E-02	154475068	154475191	NC_000001.10
cg07325001	3.81E-08	4.15E-09	6.16	9.8299667	1.05E-01	46458783	46458906	NC_000022.10
cg25303540	3.82E-08	4.15E-09	6.16	9.8293513	9.36E-02	119206052	119206175	NC_000011.9
cg15492982	3.82E-08	4.16E-09	6.16	9.8289093	4.81E-02	116785892	116786015	NC_000006.11
cg19574203	3.82E-08	4.16E-09	6.16	9.8273788	2.94E-02	155058855	155058978	NC_000006.11
cg27304110	3.82E-08	4.16E-09	6.16	9.826973	1.85E-01	114695695	114695818	NC_000001.10
cg16358034	3.83E-08	4.17E-09	6.16	9.8262361	1.04E-01	53815303	53815426	NC_000005.9
cg13720048	3.83E-08	4.17E-09	6.16	9.825705	1.38E-01	55466071	55466194	NC_000018.9
cg05655885	3.83E-08	4.17E-09	6.16	9.8254479	1.21E-01	56515601	56515724	NC_000007.13
cg15161959	3.83E-08	4.18E-09	6.16	9.824164	1.43E-01	177020616	177020739	NC_000002.11

cg13139630	3.84E-08	4.19E-09	6.15	9.8220002	6.97E-02	46438065	46438188	NC_000021.8
cg02035060	3.84E-08	4.19E-09	6.15	9.8219364	2.02E-01	5889430	5889553	NC_000004.11
cg04260507	3.84E-08	4.19E-09	6.15	9.8219166	3.69E-02	123601	123724	NC_000016.9
cg17338834	3.85E-08	4.19E-09	6.15	9.8213775	2.22E-02	242126909	242127032	NC_000002.11
cg26509965	3.85E-08	4.19E-09	6.15	9.8210147	1.20E-01	8079271	8079394	NC_000010.10
cg10091102	3.85E-08	4.19E-09	6.15	9.8198025	1.57E-01	14134922	14135045	NC_000012.11
cg08166863	3.85E-08	4.20E-09	6.15	9.8196076	8.54E-02	57426391	57426514	NC_000020.10
cg22296593	3.85E-08	4.20E-09	6.15	9.8193903	1.22E-01	46608874	46608997	NC_000017.10
cg07520673	3.85E-08	4.20E-09	6.15	9.8190633	7.16E-02	32019556	32019679	NC_000006.11
cg06159548	3.86E-08	4.20E-09	6.15	9.8178882	6.39E-02	2481370	2481493	NC_000011.9
cg13866214	3.86E-08	4.21E-09	6.15	9.8171165	1.29E-01	12304803	12304926	NC_000018.9
cg03340466	3.86E-08	4.21E-09	6.15	9.8170992	1.80E-01	179712740	179712863	NC_000001.10
cg01621034	3.86E-08	4.21E-09	6.15	9.8170635	1.46E-01	26190175	26190298	NC_000006.11
cg17586154	3.86E-08	4.21E-09	6.15	9.8170341	8.57E-02	130469275	130469398	NC_000003.11
cg21130124	3.86E-08	4.21E-09	6.15	9.8163617	7.53E-02	5542328	5542451	NC_000010.10
cg06951626	3.87E-08	4.22E-09	6.15	9.8148864	1.19E-01	22095330	22095453	NC_000012.11
cg19747604	3.88E-08	4.23E-09	6.15	9.8119733	5.59E-02	46915570	46915693	NC_000019.9
cg15235306	3.88E-08	4.23E-09	6.15	9.8119167	7.64E-02	16440470	16440593	NC_000021.8
cg26215967	3.88E-08	4.23E-09	6.15	9.8117249	1.96E-01	84115897	84116020	NC_000015.9
cg20223950	3.88E-08	4.23E-09	6.15	9.8110728	7.14E-02	134917549	134917672	NC_000010.10
cg12204555	3.88E-08	4.23E-09	6.15	9.8109582	5.99E-02	128712645	128712768	NC_000011.9
cg25571414	3.88E-08	4.23E-09	6.15	9.8108257	7.27E-02	25659572	25659695	NC_000004.11
cg13193497	3.89E-08	4.24E-09	6.15	9.8097944	5.64E-02	159344810	159344933	NC_000006.11
cg10812684	3.89E-08	4.24E-09	6.15	9.8084708	7.92E-02	20251013	20251136	NC_000001.10
cg08199003	3.90E-08	4.25E-09	6.15	9.8075024	1.43E-01	127571375	127571498	NC_000010.10

cg10285897	3.90E-08	4.25E-09	6.15	9.8065515	1.42E-02	105223062	105223185	NC_000014.8
cg16137949	3.90E-08	4.25E-09	6.15	9.8059457	1.71E-01	945423	945546	NC_000002.11
cg21054194	3.90E-08	4.26E-09	6.15	9.8053867	4.35E-02	124749655	124749778	NC_000005.9
cg21615654	3.91E-08	4.26E-09	6.15	9.8050408	1.25E-01	4213084	4213207	NC_000005.9
cg20706778	3.92E-08	4.27E-09	6.15	9.8026998	1.26E-01	75798122	75798245	NC_000002.11
cg25025247	3.92E-08	4.27E-09	6.15	9.8022262	1.69E-01	34632118	34632241	NC_000001.10
cg01401376	3.92E-08	4.27E-09	6.15	9.8021547	1.83E-01	133563342	133563465	NC_000006.11
cg26421310	3.92E-08	4.27E-09	6.15	9.802146	1.97E-01	25257058	25257181	NC_000001.10
cg11353706	3.92E-08	4.27E-09	6.15	9.8020282	7.65E-02	100774810	100774933	NC_000007.13
cg07777540	3.92E-08	4.27E-09	6.15	9.8016055	4.54E-02	64524911	64525034	NC_000003.11
cg25900085	3.93E-08	4.28E-09	6.15	9.7995997	1.50E-01	65291513	65291636	NC_000008.10
cg04223424	3.94E-08	4.30E-09	6.15	9.796316	1.76E-01	42994776	42994899	NC_000005.9
cg14283939	3.94E-08	4.30E-09	6.15	9.7958496	2.20E-02	72020908	72021031	NC_000015.9
cg25523509	3.94E-08	4.30E-09	6.15	9.7954023	1.82E-01	102504039	102504162	NC_000010.10
cg08749305	3.94E-08	4.30E-09	6.15	9.7953655	1.83E-01	106441987	106442110	NC_000006.11
cg21610554	3.95E-08	4.31E-09	6.15	9.7929935	6.15E-02	31506093	31506216	NC_000006.11
cg02689863	3.95E-08	4.31E-09	6.15	9.7928869	1.29E-01	95357832	95357955	NC_000013.10
cg07761116	3.96E-08	4.32E-09	6.15	9.7919717	8.94E-02	23005837	23005960	NC_000010.10
cg21720618	3.96E-08	4.32E-09	6.15	9.7917264	7.69E-02	94771024	94771147	NC_000011.9
cg11497372	3.96E-08	4.32E-09	6.15	9.7916348	1.61E-01	27513092	27513215	NC_000006.11
cg11625005	3.96E-08	4.32E-09	6.15	9.7907692	1.05E-01	1295737	1295860	NC_000005.9
cg22168512	3.96E-08	4.32E-09	6.15	9.7907203	1.02E-01	74695224	74695347	NC_000018.9
cg20310501	3.96E-08	4.32E-09	6.15	9.7904224	4.05E-02	8778226	8778349	NC_000002.11
cg07194839	3.96E-08	4.32E-09	6.15	9.7903575	1.29E-01	131755775	131755898	NC_000010.10
cg13812731	3.96E-08	4.32E-09	6.15	9.7902987	6.26E-02	124615143	124615266	NC_000011.9

cg15628917	3.96E-08	4.33E-09	6.15	9.7896416	1.37E-01	60539559	60539682	NC_000001.10
cg00334863	3.97E-08	4.34E-09	6.15	9.787592	8.41E-02	42779093	42779216	NC_000022.10
cg12020179	3.97E-08	4.34E-09	6.15	9.7870744	1.03E-01	102496104	102496227	NC_000011.9
cg16056219	3.98E-08	4.34E-09	6.15	9.7859496	9.39E-02	75043777	75043900	NC_000014.8
cg18390528	3.98E-08	4.34E-09	6.15	9.7856546	9.88E-02	126294509	126294632	NC_000011.9
cg25701114	3.99E-08	4.35E-09	6.15	9.7837692	1.76E-01	26031939	26032062	NC_000006.11
cg03821443	3.99E-08	4.36E-09	6.15	9.7831321	1.60E-01	1320329	1320452	NC_000011.9
cg19830270	3.99E-08	4.36E-09	6.15	9.7825486	1.12E-01	22193349	22193472	NC_000019.9
cg24527382	4.00E-08	4.37E-09	6.15	9.7798136	9.54E-02	49631579	49631702	NC_000002.11
cg23892192	4.00E-08	4.37E-09	6.15	9.779566	1.27E-01	1801555	1801678	NC_000007.13
cg25219333	4.01E-08	4.38E-09	6.15	9.7786554	1.09E-01	6501594	6501717	NC_000011.9
cg14148862	4.01E-08	4.38E-09	6.15	9.7786207	1.44E-01	69244205	69244328	NC_000008.10
cg19041006	4.01E-08	4.38E-09	6.15	9.7769169	9.20E-02	57349679	57349802	NC_000019.9
cg12652174	4.02E-08	4.39E-09	6.15	9.7756283	2.09E-01	142494773	142494896	NC_000007.13
cg24557281	4.02E-08	4.39E-09	6.15	9.7754813	2.35E-02	4547745	4547868	NC_000004.11
cg08776832	4.02E-08	4.39E-09	6.15	9.774888	1.59E-01	31496699	31496822	NC_000008.10
cg13563132	4.03E-08	4.40E-09	6.15	9.774049	8.92E-02	98245640	98245763	NC_000009.11
cg12635578	4.03E-08	4.40E-09	6.15	9.7735816	6.21E-02	56780766	56780889	NC_000020.10
cg04249605	4.03E-08	4.40E-09	6.15	9.7735372	9.34E-02	33131560	33131683	NC_000006.11
cg11855516	4.03E-08	4.40E-09	6.15	9.7733651	1.57E-01	175207244	175207367	NC_000002.11
cg20500551	4.03E-08	4.40E-09	6.15	9.7731566	7.19E-02	158523431	158523554	NC_000003.11
cg22863920	4.03E-08	4.40E-09	6.15	9.7720845	1.35E-01	72470832	72470955	NC_000008.10
cg07473223	4.03E-08	4.41E-09	6.15	9.7718717	5.79E-02	105819210	105819333	NC_000014.8
cg19990373	4.03E-08	4.41E-09	6.14	9.7715161	5.13E-02	206508292	206508415	NC_000002.11
cg16101543	4.04E-08	4.41E-09	6.14	9.7712015	7.43E-02	131162896	131163019	NC_000012.11

cg07140497	4.04E-08	4.41E-09	6.14	9.7703312	7.98E-02	113550113	113550236	NC_000012.11
cg12711054	4.04E-08	4.41E-09	6.14	9.7702068	8.11E-02	65419231	65419354	NC_000007.13
cg01293179	4.04E-08	4.41E-09	6.14	9.7701938	1.56E-01	176996285	176996408	NC_000002.11
cg02133324	4.05E-08	4.42E-09	6.14	9.7685407	9.44E-02	15467447	15467570	NC_000017.10
cg00633552	4.05E-08	4.42E-09	6.14	9.7678724	9.79E-02	140742017	140742140	NC_000005.9
cg21811896	4.05E-08	4.42E-09	6.14	9.767705	8.05E-02	3465381	3465504	NC_000001.10
cg20450471	4.05E-08	4.43E-09	6.14	9.7667558	1.17E-01	28584061	28584184	NC_000006.11
cg22508969	4.06E-08	4.43E-09	6.14	9.766123	1.86E-01	55444091	55444214	NC_000006.11
cg01897496	4.06E-08	4.43E-09	6.14	9.7660027	1.46E-01	182545209	182545332	NC_000002.11
cg03257608	4.06E-08	4.43E-09	6.14	9.7654108	4.79E-02	238707021	238707144	NC_000002.11
cg05839235	4.06E-08	4.44E-09	6.14	9.7651421	1.45E-01	32712237	32712360	NC_000005.9
cg03134157	4.06E-08	4.44E-09	6.14	9.7650954	1.50E-01	145926089	145926212	NC_000008.10
cg19699170	4.06E-08	4.44E-09	6.14	9.7648507	1.26E-01	110402734	110402857	NC_000002.11
cg17147045	4.06E-08	4.44E-09	6.14	9.7646445	2.01E-01	68864546	68864669	NC_000008.10
cg18164362	4.06E-08	4.44E-09	6.14	9.764472	7.70E-02	49873118	49873241	NC_000011.9
cg25105060	4.06E-08	4.44E-09	6.14	9.7644143	6.14E-02	154166983	154167106	NC_000005.9
cg16505764	4.07E-08	4.44E-09	6.14	9.7632131	1.05E-01	140763254	140763377	NC_000005.9
cg24029640	4.07E-08	4.45E-09	6.14	9.7623704	5.74E-02	694166	694289	NC_000004.11
cg27106909	4.07E-08	4.45E-09	6.14	9.7618603	1.26E-01	30106897	30107020	NC_000016.9
cg13726504	4.08E-08	4.46E-09	6.14	9.7597614	6.22E-02	10884706	10884829	NC_000006.11
cg11284366	4.08E-08	4.46E-09	6.14	9.7592316	4.95E-02	45742253	45742376	NC_000019.9
cg06198892	4.08E-08	4.46E-09	6.14	9.7591904	1.45E-01	20833183	20833306	NC_000007.13
cg02531479	4.08E-08	4.46E-09	6.14	9.7590038	1.45E-01	2748066	2748189	NC_000005.9
cg04904388	4.09E-08	4.47E-09	6.14	9.7581246	8.67E-02	74772791	74772914	NC_000002.11
cg22455450	4.09E-08	4.47E-09	6.14	9.7580843	1.44E-01	53038972	53039095	NC_000019.9

cg25804146	4.09E-08	4.47E-09	6.14	9.7579824	8.55E-02	6822454	6822577	NC_000019.9
cg14403130	4.09E-08	4.47E-09	6.14	9.7578143	1.40E-01	44873057	44873180	NC_000001.10
cg08500200	4.09E-08	4.47E-09	6.14	9.7570859	1.08E-01	72892038	72892161	NC_000006.11
cg19917650	4.10E-08	4.48E-09	6.14	9.755719	1.13E-01	125033932	125034055	NC_000010.10
cg12619536	4.10E-08	4.48E-09	6.14	9.7556331	1.83E-01	108508067	108508190	NC_000001.10
cg26736540	4.10E-08	4.48E-09	6.14	9.7552768	1.69E-01	55204986	55205109	NC_000020.10
cg18630125	4.10E-08	4.49E-09	6.14	9.754061	3.75E-02	14677373	14677496	NC_000006.11
cg09819656	4.10E-08	4.49E-09	6.14	9.7536746	1.11E-01	34270090	34270213	NC_000014.8
cg00382463	4.10E-08	4.49E-09	6.14	9.7532323	2.33E-01	30718424	30718547	NC_000019.9
cg11320318	4.11E-08	4.50E-09	6.14	9.7518817	1.36E-01	111115795	111115918	NC_000004.11
cg16347317	4.11E-08	4.50E-09	6.14	9.7510116	1.01E-01	133562336	133562459	NC_000006.11
cg11095898	4.11E-08	4.50E-09	6.14	9.7508852	6.68E-02	93466424	93466547	NC_000011.9
cg21759907	4.12E-08	4.50E-09	6.14	9.7504522	4.82E-02	71630714	71630837	NC_000015.9
cg02694732	4.12E-08	4.51E-09	6.14	9.7496906	7.96E-02	46087057	46087180	NC_000017.10
cg21312554	4.12E-08	4.51E-09	6.14	9.7496309	7.16E-02	142310691	142310814	NC_000008.10
cg08166568	4.12E-08	4.51E-09	6.14	9.7489994	1.37E-01	1746647	1746770	NC_000002.11
cg10409753	4.12E-08	4.51E-09	6.14	9.7489317	1.13E-01	76655983	76656106	NC_000006.11
cg03477775	4.13E-08	4.52E-09	6.14	9.7477584	2.55E-02	99035225	99035348	NC_000007.13
cg17920479	4.13E-08	4.52E-09	6.14	9.7472893	1.22E-01	44650246	44650369	NC_000020.10
cg04936446	4.13E-08	4.52E-09	6.14	9.7462841	1.81E-02	26111348	26111471	NC_000012.11
cg05621131	4.13E-08	4.52E-09	6.14	9.7462687	6.86E-02	62444106	62444229	NC_000011.9
cg23236554	4.13E-08	4.52E-09	6.14	9.745914	2.12E-01	132947501	132947624	NC_000005.9
cg00263760	4.13E-08	4.53E-09	6.14	9.7455947	1.73E-01	118897366	118897489	NC_000010.10
cg06881040	4.14E-08	4.53E-09	6.14	9.7445708	6.29E-02	30040916	30041039	NC_000016.9
cg02623400	4.14E-08	4.53E-09	6.14	9.7445608	1.18E-01	50513749	50513872	NC_000001.10



cg16966815	4.14E-08	4.53E-09	6.14	9.7436626	1.50E-01	77333122	77333245	NC_000001.10
cg06235329	4.15E-08	4.54E-09	6.14	9.7425628	9.78E-02	4747168	4747291	NC_000016.9
cg25958098	4.15E-08	4.54E-09	6.14	9.7420513	9.43E-02	34612206	34612329	NC_000015.9
cg13692433	4.16E-08	4.55E-09	6.14	9.7404432	1.57E-01	112832159	112832282	NC_000011.9
cg00222341	4.16E-08	4.55E-09	6.14	9.7399659	1.20E-01	83951913	83952036	NC_000015.9
cg21250232	4.16E-08	4.55E-09	6.14	9.7398703	1.37E-01	81082895	81083018	NC_000008.10
cg18435476	4.16E-08	4.55E-09	6.14	9.7398528	1.35E-01	179459849	179459972	NC_000001.10
cg03303766	4.16E-08	4.55E-09	6.14	9.7396234	1.12E-01	88441346	88441469	NC_000016.9
cg20162599	4.16E-08	4.56E-09	6.14	9.738791	8.14E-02	63990138	63990261	NC_000011.9
cg01428408	4.17E-08	4.56E-09	6.14	9.7378094	3.52E-02	139293044	139293167	NC_000009.11
cg14004073	4.17E-08	4.56E-09	6.14	9.737804	2.18E-01	63986733	63986856	NC_000005.9
cg00743803	4.17E-08	4.57E-09	6.14	9.7364111	7.12E-02	48970600	48970723	NC_000022.10
cg06244510	4.17E-08	4.57E-09	6.14	9.7360776	4.45E-02	43336780	43336903	NC_000011.9
cg18694418	4.18E-08	4.57E-09	6.14	9.7353381	1.26E-01	2742484	2742607	NC_000007.13
cg18989709	4.18E-08	4.58E-09	6.14	9.7346569	1.66E-01	164915009	164915132	NC_000003.11
cg17594256	4.18E-08	4.58E-09	6.14	9.7344468	1.36E-01	46014654	46014777	NC_000013.10
cg13703253	4.18E-08	4.58E-09	6.14	9.7342217	5.85E-02	72104318	72104441	NC_000015.9
cg06036239	4.18E-08	4.58E-09	6.14	9.7341967	1.36E-01	59234929	59235052	NC_000001.10
cg20722537	4.18E-08	4.58E-09	6.14	9.7339085	1.75E-02	86422644	86422767	NC_000002.11
cg04517282	4.18E-08	4.58E-09	6.14	9.7336605	1.47E-01	2743260	2743383	NC_000005.9
cg14005139	4.19E-08	4.59E-09	6.14	9.7318835	2.08E-01	36989550	36989673	NC_000014.8
cg21009520	4.19E-08	4.59E-09	6.14	9.7313885	1.08E-01	13921205	13921328	NC_000006.11
cg07681935	4.19E-08	4.59E-09	6.14	9.7312336	1.50E-01	174452461	174452584	NC_000004.11
cg14222432	4.19E-08	4.60E-09	6.14	9.7306153	9.44E-02	29376421	29376544	NC_000012.11
cg02230103	4.20E-08	4.60E-09	6.14	9.7293545	6.53E-02	2848223	2848346	NC_000016.9

cg16590691	4.20E-08	4.60E-09	6.14	9.728819	1.68E-01	92507778	92507901	NC_000014.8
cg14120010	4.20E-08	4.61E-09	6.14	9.727827	1.44E-01	63418583	63418706	NC_000018.9
cg00442267	4.21E-08	4.61E-09	6.14	9.7267919	4.75E-02	46317840	46317963	NC_000019.9
cg02680050	4.21E-08	4.62E-09	6.14	9.7260567	1.01E-01	133179887	133180010	NC_000012.11
cg25195332	4.21E-08	4.62E-09	6.14	9.7258989	5.31E-02	56738588	56738711	NC_000017.10
cg00462104	4.21E-08	4.62E-09	6.14	9.7257902	8.28E-02	52628844	52628967	NC_000006.11
cg25616216	4.21E-08	4.62E-09	6.14	9.725515	1.57E-01	65601202	65601325	NC_000011.9
cg01527459	4.22E-08	4.62E-09	6.14	9.7247839	2.09E-01	82116571	82116694	NC_000010.10
cg25804359	4.22E-08	4.62E-09	6.14	9.724707	1.03E-01	2703296	2703419	NC_000002.11
cg07452777	4.22E-08	4.62E-09	6.14	9.7245453	2.75E-02	138725214	138725337	NC_000003.11
cg25609528	4.22E-08	4.63E-09	6.14	9.7241865	1.82E-01	38510182	38510305	NC_000001.10
cg19267554	4.22E-08	4.63E-09	6.14	9.7235209	8.08E-02	134672688	134672811	NC_000010.10
cg22610106	4.23E-08	4.64E-09	6.14	9.7219278	6.90E-02	167136367	167136490	NC_000006.11
cg16988166	4.23E-08	4.64E-09	6.14	9.7211527	3.08E-02	35503900	35504023	NC_000010.10
cg06550462	4.23E-08	4.64E-09	6.14	9.720689	1.59E-01	5544208	5544331	NC_000018.9
cg21649761	4.23E-08	4.64E-09	6.14	9.7204073	4.96E-02	8332152	8332275	NC_000012.11
cg06010020	4.24E-08	4.65E-09	6.13	9.7199998	1.33E-01	5112067	5112190	NC_000007.13
cg04906462	4.24E-08	4.65E-09	6.13	9.7199835	6.54E-02	130788305	130788428	NC_000007.13
cg22438522	4.24E-08	4.65E-09	6.13	9.7197405	3.07E-02	646293	646416	NC_000004.11
cg03316570	4.24E-08	4.65E-09	6.13	9.7197068	8.96E-02	43877657	43877780	NC_000006.11
cg26279253	4.24E-08	4.65E-09	6.13	9.7191338	1.45E-01	89475286	89475409	NC_000012.11
cg06951352	4.24E-08	4.65E-09	6.13	9.7189425	9.43E-02	2740160	2740283	NC_000007.13
cg06826671	4.24E-08	4.65E-09	6.13	9.7187398	5.70E-02	121827961	121828084	NC_000008.10
cg12461281	4.24E-08	4.65E-09	6.13	9.7186114	1.28E-01	148288661	148288784	NC_000005.9
cg23894086	4.24E-08	4.65E-09	6.13	9.7181519	1.39E-01	27128046	27128169	NC_000007.13

cg12901733	4.25E-08	4.66E-09	6.13	9.7169734	6.00E-02	235079808	235079931	NC_000002.11
cg27478961	4.25E-08	4.67E-09	6.13	9.7156041	1.58E-01	27944586	27944709	NC_000021.8
cg01992382	4.26E-08	4.67E-09	6.13	9.7149202	1.67E-01	32064212	32064335	NC_000006.11
cg26777456	4.26E-08	4.67E-09	6.13	9.714714	1.25E-01	54454250	54454373	NC_000012.11
cg20291436	4.26E-08	4.67E-09	6.13	9.7140846	1.44E-01	111539352	111539475	NC_000004.11
cg14484844	4.27E-08	4.68E-09	6.13	9.7125032	1.01E-01	139590683	139590806	NC_000009.11
cg06468908	4.27E-08	4.68E-09	6.13	9.7122256	1.61E-01	110223713	110223836	NC_000004.11
cg02690609	4.27E-08	4.68E-09	6.13	9.7119353	1.20E-01	127441060	127441183	NC_000006.11
cg22609784	4.27E-08	4.69E-09	6.13	9.7104832	1.19E-01	4863678	4863801	NC_000004.11
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cg25758217	4.28E-08	4.70E-09	6.13	9.7095686	1.01E-01	105478656	105478779	NC_000002.11
cg22049569	4.28E-08	4.70E-09	6.13	9.708682	1.51E-01	54466538	54466661	NC_000019.9
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cg10539069	4.28E-08	4.70E-09	6.13	9.7084602	1.99E-01	93520275	93520398	NC_000007.13
cg05270938	4.28E-08	4.70E-09	6.13	9.7079983	1.29E-01	119616568	119616691	NC_000002.11
cg22594214	4.29E-08	4.70E-09	6.13	9.7077552	1.23E-01	135842299	135842422	NC_000008.10
cg19453991	4.29E-08	4.71E-09	6.13	9.7075469	1.57E-01	137480102	137480225	NC_000003.11
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cg10036931	4.29E-08	4.71E-09	6.13	9.7063409	4.75E-02	4675509	4675632	NC_000012.11
cg12074025	4.29E-08	4.71E-09	6.13	9.7061579	2.57E-01	58238850	58238973	NC_000019.9
cg11972677	4.29E-08	4.71E-09	6.13	9.705807	1.15E-01	30605704	30605827	NC_000011.9
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cg04652932	4.30E-08	4.72E-09	6.13	9.7046842	7.81E-02	75496156	75496279	NC_000007.13
cg03117976	4.30E-08	4.72E-09	6.13	9.7041734	2.44E-01	11149435	11149558	NC_000018.9
cg12397802	4.30E-08	4.72E-09	6.13	9.7038447	4.47E-02	64573476	64573599	NC_000010.10

cg14006650	4.30E-08	4.72E-09	6.13	9.7037463	2.28E-02	3147474	3147597	NC_000010.10
cg03282153	4.30E-08	4.73E-09	6.13	9.7031874	4.91E-02	28702111	28702234	NC_000015.9
cg27590049	4.30E-08	4.73E-09	6.13	9.703174	2.14E-01	165205199	165205322	NC_000001.10
cg01302656	4.31E-08	4.73E-09	6.13	9.7026596	1.35E-01	29254853	29254976	NC_000014.8
cg04959297	4.31E-08	4.73E-09	6.13	9.7018663	9.84E-02	62381731	62381854	NC_000011.9
cg16306500	4.31E-08	4.74E-09	6.13	9.7009881	6.32E-02	42894395	42894518	NC_000005.9
cg05049390	4.31E-08	4.74E-09	6.13	9.7006912	5.14E-02	6108969	6109092	NC_000003.11
cg17611475	4.31E-08	4.74E-09	6.13	9.7006476	2.76E-02	58137179	58137302	NC_000012.11
cg06367702	4.32E-08	4.74E-09	6.13	9.7002903	1.67E-01	113435899	113436022	NC_000004.11
cg19674669	4.32E-08	4.74E-09	6.13	9.6994622	1.33E-01	134146910	134147033	NC_000011.9
cg19506309	4.32E-08	4.75E-09	6.13	9.6985795	3.27E-02	127562106	127562229	NC_000002.11
cg00145141	4.32E-08	4.75E-09	6.13	9.6985261	1.27E-01	4464022	4464145	NC_000017.10
cg16439198	4.33E-08	4.76E-09	6.13	9.6965674	1.35E-01	38302674	38302797	NC_000002.11
cg04149776	4.33E-08	4.76E-09	6.13	9.6963406	8.02E-02	48730185	48730308	NC_000022.10
cg08280468	4.33E-08	4.76E-09	6.13	9.6959967	1.15E-01	12997534	12997657	NC_000016.9
cg05036212	4.34E-08	4.77E-09	6.13	9.6950951	1.85E-01	119609691	119609814	NC_000002.11
cg13713830	4.34E-08	4.77E-09	6.13	9.6945703	1.48E-01	79631737	79631860	NC_000009.11
cg24720580	4.34E-08	4.77E-09	6.13	9.6942343	1.08E-01	74059005	74059128	NC_000014.8
cg27278500	4.34E-08	4.77E-09	6.13	9.6940652	8.05E-02	96765415	96765538	NC_000002.11
cg04609576	4.34E-08	4.77E-09	6.13	9.6933569	1.18E-01	126626362	126626485	NC_000005.9
cg20166027	4.35E-08	4.78E-09	6.13	9.6925726	1.43E-01	51576452	51576575	NC_000010.10
cg18397730	4.35E-08	4.78E-09	6.13	9.692312	7.48E-02	52439185	52439308	NC_000006.11
cg26785954	4.35E-08	4.78E-09	6.13	9.6913693	1.59E-01	63212815	63212938	NC_000010.10
cg14262374	4.35E-08	4.78E-09	6.13	9.6913641	9.51E-02	11780256	11780379	NC_000001.10
cg18950778	4.35E-08	4.78E-09	6.13	9.6913093	1.14E-01	32455362	32455485	NC_000011.9

cg05148717	4.35E-08	4.79E-09	6.13	9.690995	5.02E-02	28829171	28829294	NC_000006.11
cg26247508	4.35E-08	4.79E-09	6.13	9.6908212	6.72E-02	82299669	82299792	NC_000010.10
cg08491188	4.36E-08	4.79E-09	6.13	9.69047	1.22E-01	140777503	140777626	NC_000005.9
cg22311533	4.36E-08	4.79E-09	6.13	9.6895783	2.25E-02	132200008	132200131	NC_000005.9
cg03937966	4.36E-08	4.80E-09	6.13	9.6885098	9.28E-02	245753411	245753534	NC_000001.10
cg19300937	4.37E-08	4.80E-09	6.13	9.6879407	8.50E-02	43283685	43283808	NC_000001.10
cg26513930	4.37E-08	4.81E-09	6.13	9.6862507	7.37E-02	90162200	90162323	NC_000016.9
cg02636004	4.38E-08	4.82E-09	6.13	9.6847542	3.25E-02	119747339	119747462	NC_000003.11
cg22504204	4.38E-08	4.82E-09	6.13	9.684155	1.73E-01	17207562	17207685	NC_000020.10
cg10700847	4.39E-08	4.83E-09	6.13	9.682773	3.78E-02	2483727	2483850	NC_000001.10
cg07252753	4.39E-08	4.83E-09	6.13	9.6824237	7.78E-02	10594951	10595074	NC_000003.11
cg09397579	4.39E-08	4.83E-09	6.13	9.681832	8.26E-02	151511901	151512024	NC_000007.13
cg03825010	4.39E-08	4.83E-09	6.13	9.6815738	1.88E-01	159399506	159399629	NC_000005.9
cg11894422	4.39E-08	4.83E-09	6.13	9.6815619	1.02E-01	398758	398881	NC_000005.9
cg14304469	4.40E-08	4.84E-09	6.13	9.6805059	1.62E-01	54610320	54610443	NC_000007.13
cg03108229	4.40E-08	4.84E-09	6.13	9.6801706	1.95E-01	134146266	134146389	NC_000011.9
cg09727277	4.40E-08	4.84E-09	6.13	9.6800165	1.58E-01	155258828	155258951	NC_000007.13
cg08746900	4.40E-08	4.84E-09	6.13	9.6791539	1.80E-01	3598967	3599090	NC_000005.9
cg14114297	4.40E-08	4.85E-09	6.13	9.6789801	7.69E-02	81084231	81084354	NC_000005.9
cg11803043	4.40E-08	4.85E-09	6.13	9.678824	3.98E-02	158155378	158155501	NC_000002.11
cg08566449	4.41E-08	4.85E-09	6.13	9.6785576	1.05E-01	31631706	31631829	NC_000006.11
cg13723011	4.41E-08	4.85E-09	6.13	9.6783258	4.80E-02	52737693	52737816	NC_000003.11
cg02733081	4.41E-08	4.85E-09	6.13	9.6777996	1.30E-01	31061080	31061203	NC_000013.10
cg12330441	4.41E-08	4.85E-09	6.13	9.6775175	1.09E-01	30991811	30991934	NC_000022.10
cg20255775	4.41E-08	4.85E-09	6.13	9.6773633	2.13E-01	48398370	48398493	NC_000012.11

cg22353551	4.42E-08	4.86E-09	6.13	9.6752281	1.12E-01	156357839	156357962	NC_000001.10
cg19503351	4.42E-08	4.86E-09	6.13	9.675105	2.67E-02	143373735	143373858	NC_000008.10
cg19968840	4.42E-08	4.87E-09	6.13	9.674914	1.52E-01	45409319	45409442	NC_000015.9
cg02707071	4.42E-08	4.87E-09	6.13	9.6747545	1.18E-01	27143806	27143929	NC_000007.13
cg15634877	4.42E-08	4.87E-09	6.13	9.6741968	1.40E-01	220299643	220299766	NC_000002.11
cg10007777	4.42E-08	4.87E-09	6.13	9.6740102	8.82E-02	20107758	20107881	NC_000008.10
cg07341007	4.43E-08	4.87E-09	6.13	9.673009	9.34E-02	195489909	195490032	NC_000003.11
cg11990630	4.43E-08	4.88E-09	6.13	9.672638	1.14E-01	100641978	100642101	NC_000013.10
cg14839871	4.43E-08	4.88E-09	6.13	9.6724501	4.83E-02	82755955	82756078	NC_000002.11
cg02243714	4.43E-08	4.88E-09	6.13	9.6720527	1.70E-01	87635798	87635921	NC_000016.9
cg15379185	4.43E-08	4.88E-09	6.13	9.671686	1.83E-01	27282987	27283110	NC_000007.13
cg20640347	4.44E-08	4.89E-09	6.13	9.6694742	8.13E-02	49138252	49138375	NC_000022.10
cg21548029	4.44E-08	4.89E-09	6.13	9.6692278	8.03E-02	140515675	140515798	NC_000005.9
cg25756617	4.45E-08	4.90E-09	6.13	9.6687194	4.81E-02	43734917	43735040	NC_000001.10
cg19749660	4.45E-08	4.90E-09	6.12	9.667808	1.80E-01	65284514	65284637	NC_000008.10
cg27637738	4.46E-08	4.91E-09	6.12	9.6651079	1.52E-01	55148644	55148767	NC_000007.13
cg03729152	4.46E-08	4.91E-09	6.12	9.6650692	1.19E-01	19961027	19961150	NC_000007.13
cg27023638	4.46E-08	4.92E-09	6.12	9.6647726	7.68E-02	7288726	7288849	NC_000006.11
cg15375311	4.46E-08	4.92E-09	6.12	9.6644298	5.80E-02	25621615	25621738	NC_000004.11
cg03113878	4.47E-08	4.92E-09	6.12	9.6637085	1.34E-01	100091364	100091487	NC_000007.13
cg11061946	4.47E-08	4.92E-09	6.12	9.6633296	1.60E-01	43407460	43407583	NC_000022.10
cg06375628	4.47E-08	4.93E-09	6.12	9.6629097	1.51E-01	41883879	41884002	NC_000004.11
cg02772619	4.47E-08	4.93E-09	6.12	9.662442	6.98E-02	86753573	86753696	NC_000009.11
cg09703136	4.48E-08	4.93E-09	6.12	9.6617245	8.66E-02	173995054	173995177	NC_000004.11
cg03014326	4.48E-08	4.94E-09	6.12	9.6606716	1.83E-01	14748285	14748408	NC_000018.9

cg17508591	4.48E-08	4.94E-09	6.12	9.6599118	8.44E-02	140214138	140214261	NC_000005.9
cg11302624	4.49E-08	4.95E-09	6.12	9.6588431	4.05E-02	176788169	176788292	NC_000005.9
cg12948920	4.49E-08	4.95E-09	6.12	9.6586339	1.07E-01	8609706	8609829	NC_000004.11
cg01144933	4.49E-08	4.95E-09	6.12	9.6585663	1.84E-01	13840612	13840735	NC_000001.10
cg26268621	4.49E-08	4.95E-09	6.12	9.6585496	1.83E-01	60296159	60296282	NC_000015.9
cg09571376	4.49E-08	4.95E-09	6.12	9.6582261	1.10E-01	20044622	20044745	NC_000011.9
cg12434681	4.49E-08	4.95E-09	6.12	9.6575765	1.24E-01	27167364	27167487	NC_000007.13
cg09339194	4.49E-08	4.95E-09	6.12	9.6575052	2.03E-01	61051585	61051708	NC_000020.10
cg07815521	4.50E-08	4.95E-09	6.12	9.6572249	1.20E-01	40789857	40789980	NC_000019.9
cg05724110	4.50E-08	4.96E-09	6.12	9.656651	1.83E-01	34398532	34398655	NC_000021.8
cg26479630	4.50E-08	4.96E-09	6.12	9.6560541	1.21E-01	180486787	180486910	NC_000005.9
cg05265257	4.50E-08	4.96E-09	6.12	9.6560019	1.01E-01	51579950	51580073	NC_000013.10
cg06223797	4.50E-08	4.96E-09	6.12	9.6551297	9.00E-02	95644358	95644481	NC_000012.11
cg20434505	4.50E-08	4.96E-09	6.12	9.6551203	5.45E-02	48958216	48958339	NC_000019.9
cg26604232	4.50E-08	4.97E-09	6.12	9.6550528	6.09E-02	147760460	147760583	NC_000001.10
cg01942751	4.51E-08	4.97E-09	6.12	9.6534709	1.57E-01	240031635	240031758	NC_000002.11
cg05706117	4.51E-08	4.98E-09	6.12	9.6529689	1.46E-01	38258451	38258574	NC_000005.9
cg01676467	4.52E-08	4.99E-09	6.12	9.6510913	6.55E-02	45392065	45392188	NC_000015.9
cg10894807	4.52E-08	4.99E-09	6.12	9.6509714	2.51E-02	32803455	32803578	NC_000006.11
cg22846498	4.53E-08	4.99E-09	6.12	9.6496329	6.40E-02	3319217	3319340	NC_000010.10
cg21449966	4.53E-08	4.99E-09	6.12	9.6492188	3.40E-02	102863738	102863861	NC_000002.11
cg06928887	4.54E-08	5.00E-09	6.12	9.6476088	1.01E-01	88545340	88545463	NC_000016.9
cg11784623	4.54E-08	5.01E-09	6.12	9.6471635	1.19E-01	164264822	164264945	NC_000004.11
cg26534812	4.54E-08	5.01E-09	6.12	9.6463756	6.24E-02	75524155	75524278	NC_000017.10
cg24706992	4.54E-08	5.01E-09	6.12	9.6463146	8.13E-02	1833078	1833201	NC_000001.10

cg26029734	4.55E-08	5.01E-09	6.12	9.6453527	1.73E-01	31819380	31819503	NC_000011.9
cg06243556	4.55E-08	5.02E-09	6.12	9.6439389	1.74E-01	58609473	58609596	NC_000019.9
cg20945085	4.56E-08	5.03E-09	6.12	9.6428232	1.45E-01	74875227	74875350	NC_000002.11
cg20402783	4.57E-08	5.04E-09	6.12	9.6408932	1.56E-01	54381013	54381136	NC_000012.11
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cg13763345	4.59E-08	5.06E-09	6.12	9.6362189	1.08E-01	91022295	91022418	NC_000014.8
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cg09555124	4.59E-08	5.07E-09	6.12	9.6350442	1.39E-01	160451213	160451336	NC_000006.11
cg15855970	4.59E-08	5.07E-09	6.12	9.6345735	1.44E-01	99273338	99273461	NC_000006.11
cg05882680	4.60E-08	5.08E-09	6.12	9.632742	1.34E-01	48042605	48042728	NC_000017.10
cg03781224	4.60E-08	5.08E-09	6.12	9.63214	1.13E-01	127481599	127481722	NC_000003.11
cg12400725	4.61E-08	5.09E-09	6.12	9.6316	1.00E-01	29240533	29240656	NC_000001.10
cg19752891	4.61E-08	5.09E-09	6.12	9.6314212	2.10E-01	4304573	4304696	NC_000019.9
cg04877901	4.61E-08	5.09E-09	6.12	9.6311663	2.38E-01	158083432	158083555	NC_000001.10
cg02728595	4.61E-08	5.09E-09	6.12	9.6303605	1.86E-01	196255632	196255755	NC_000003.11
cg10746936	4.62E-08	5.10E-09	6.12	9.6293736	1.55E-01	95240143	95240266	NC_000014.8
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cg17811778	4.62E-08	5.10E-09	6.12	9.6282862	1.46E-01	101293172	101293295	NC_000010.10
cg06767681	4.63E-08	5.12E-09	6.12	9.6259828	9.06E-02	77606648	77606771	NC_000017.10
cg10033746	4.63E-08	5.12E-09	6.12	9.6258165	3.14E-02	30920769	30920892	NC_000006.11
cg01089914	4.63E-08	5.12E-09	6.12	9.6250728	1.50E-01	218843229	218843352	NC_000002.11
cg17523253	4.64E-08	5.12E-09	6.12	9.6242105	4.55E-02	56072358	56072481	NC_000017.10
cg19248602	4.64E-08	5.12E-09	6.12	9.6241564	1.41E-01	46795931	46796054	NC_000017.10
cg16143796	4.64E-08	5.13E-09	6.12	9.6237534	2.51E-02	102607750	102607873	NC_000002.11



cg04525189	4.64E-08	5.13E-09	6.12	9.623518	1.68E-01	158936508	158936631	NC_000007.13
cg02909929	4.65E-08	5.14E-09	6.12	9.6216121	5.78E-02	72358510	72358633	NC_000010.10
cg04528054	4.65E-08	5.14E-09	6.12	9.6212282	6.92E-02	145955016	145955139	NC_000008.10
cg22094163	4.65E-08	5.14E-09	6.12	9.6210933	1.17E-01	86703710	86703833	NC_000002.11
cg04497354	4.65E-08	5.14E-09	6.12	9.6210458	4.22E-02	30109208	30109331	NC_000006.11
cg25734490	4.65E-08	5.14E-09	6.12	9.6205546	1.33E-01	103351188	103351311	NC_000012.11
cg06575035	4.66E-08	5.15E-09	6.12	9.6201562	9.55E-02	140744449	140744572	NC_000005.9
cg11362596	4.66E-08	5.15E-09	6.12	9.6197957	6.68E-02	108160271	108160394	NC_000003.11
cg18164791	4.66E-08	5.15E-09	6.12	9.6190531	4.00E-02	141174689	141174812	NC_000005.9
cg03208936	4.66E-08	5.15E-09	6.12	9.6186947	1.30E-01	98515087	98515210	NC_000001.10
cg15690822	4.66E-08	5.16E-09	6.12	9.6183486	9.52E-02	33391738	33391861	NC_000017.10
cg21565543	4.67E-08	5.16E-09	6.12	9.6174413	7.84E-02	19714951	19715074	NC_000006.11
cg25573915	4.67E-08	5.16E-09	6.11	9.6171203	7.34E-02	6704194	6704317	NC_000007.13
cg13975625	4.67E-08	5.16E-09	6.11	9.6170062	1.38E-01	164264796	164264919	NC_000004.11
cg01473249	4.67E-08	5.17E-09	6.11	9.6161768	9.64E-02	166219132	166219255	NC_000006.11
cg24134816	4.67E-08	5.17E-09	6.11	9.6157926	6.07E-02	7951330	7951453	NC_000004.11
cg23641852	4.68E-08	5.17E-09	6.11	9.6149365	2.12E-01	31841161	31841284	NC_000019.9
cg07690181	4.68E-08	5.18E-09	6.11	9.6144327	2.30E-01	83679643	83679766	NC_000005.9
cg15067870	4.69E-08	5.18E-09	6.11	9.6133707	5.15E-02	48183288	48183411	NC_000017.10
cg10928087	4.69E-08	5.19E-09	6.11	9.6123521	2.14E-01	46923937	46924060	NC_000003.11
cg26831566	4.69E-08	5.19E-09	6.11	9.6123316	1.12E-01	20693014	20693137	NC_000001.10
cg26170568	4.69E-08	5.19E-09	6.11	9.611856	5.21E-02	1681408	1681531	NC_000008.10
cg13745489	4.70E-08	5.20E-09	6.11	9.6102874	1.04E-01	45695038	45695161	NC_000003.11
cg14186937	4.70E-08	5.20E-09	6.11	9.6093617	1.33E-01	101454765	101454888	NC_000011.9
cg11685223	4.71E-08	5.20E-09	6.11	9.6090065	1.02E-01	23344170	23344293	NC_000020.10

cg25918303	4.71E-08	5.21E-09	6.11	9.6089377	2.14E-01	106889334	106889457	NC_000011.9
cg06740893	4.71E-08	5.21E-09	6.11	9.6089352	9.08E-02	12251869	12251992	NC_000001.10
cg17580045	4.71E-08	5.21E-09	6.11	9.607846	2.05E-01	4384890	4385013	NC_000012.11
cg08057136	4.71E-08	5.21E-09	6.11	9.6072366	1.46E-01	207506975	207507098	NC_000002.11
cg10958362	4.71E-08	5.22E-09	6.11	9.6068538	2.27E-01	2754016	2754139	NC_000005.9
cg27353689	4.72E-08	5.22E-09	6.11	9.6064921	8.42E-02	90033146	90033269	NC_000015.9
cg14706162	4.72E-08	5.22E-09	6.11	9.6063393	8.23E-02	1496411	1496534	NC_000004.11
cg24527776	4.72E-08	5.22E-09	6.11	9.6057983	7.38E-02	114426155	114426278	NC_000002.11
cg25947184	4.72E-08	5.22E-09	6.11	9.6052593	1.09E-01	1697459	1697582	NC_000008.10
cg12433713	4.72E-08	5.23E-09	6.11	9.6050651	1.87E-01	131770585	131770708	NC_000010.10
cg07803710	4.72E-08	5.23E-09	6.11	9.6050105	6.14E-02	132164660	132164783	NC_000012.11
cg19868631	4.73E-08	5.24E-09	6.11	9.6030948	1.93E-01	54609776	54609899	NC_000007.13
cg09301052	4.73E-08	5.24E-09	6.11	9.6030169	6.72E-02	31327376	31327499	NC_000006.11
cg24921140	4.73E-08	5.24E-09	6.11	9.6029201	9.74E-02	156260776	156260899	NC_000003.11
cg14011639	4.73E-08	5.24E-09	6.11	9.6026921	1.72E-01	140797234	140797357	NC_000005.9
cg05857941	4.74E-08	5.24E-09	6.11	9.6019982	1.22E-01	29229455	29229578	NC_000014.8
cg17787159	4.74E-08	5.24E-09	6.11	9.6017618	1.89E-01	46974908	46975031	NC_000019.9
cg02666556	4.74E-08	5.24E-09	6.11	9.6015807	9.44E-02	57791314	57791437	NC_000011.9
cg02374107	4.74E-08	5.25E-09	6.11	9.6004847	1.24E-01	4163907	4164030	NC_000016.9
cg03843972	4.74E-08	5.25E-09	6.11	9.6004663	1.39E-01	65286589	65286712	NC_000008.10
cg16092786	4.74E-08	5.25E-09	6.11	9.6003099	1.30E-01	32455735	32455858	NC_000011.9
cg27331828	4.75E-08	5.25E-09	6.11	9.5996305	4.62E-02	196619631	196619754	NC_000001.10
cg12429610	4.75E-08	5.26E-09	6.11	9.5986421	4.50E-02	234113122	234113245	NC_000002.11
cg13315147	4.75E-08	5.26E-09	6.11	9.5983622	1.37E-01	135341528	135341651	NC_000010.10
cg01568492	4.75E-08	5.26E-09	6.11	9.5982755	1.02E-01	130986964	130987087	NC_000002.11

cg13974632	4.75E-08	5.27E-09	6.11	9.597658	1.67E-01	27740813	27740936	NC_000011.9
cg25852200	4.76E-08	5.27E-09	6.11	9.5970729	8.40E-02	1328419	1328542	NC_000011.9
cg10297473	4.76E-08	5.28E-09	6.11	9.5954437	1.38E-01	51184152	51184275	NC_000016.9
cg27316886	4.77E-08	5.28E-09	6.11	9.5951133	1.16E-01	3600106	3600229	NC_000012.11
cg22014661	4.77E-08	5.28E-09	6.11	9.5943595	1.93E-01	62996130	62996253	NC_000006.11
cg09767675	4.77E-08	5.29E-09	6.11	9.5932955	9.30E-02	33183127	33183250	NC_000001.10
cg04529785	4.78E-08	5.29E-09	6.11	9.5923532	1.53E-01	117799083	117799206	NC_000012.11
cg17444738	4.78E-08	5.30E-09	6.11	9.5916876	1.10E-01	85417969	85418092	NC_000004.11
cg06151243	4.79E-08	5.30E-09	6.11	9.5907808	1.43E-01	5000872	5000995	NC_000017.10
cg25390243	4.79E-08	5.31E-09	6.11	9.5892635	9.97E-02	46912506	46912629	NC_000021.8
cg09049251	4.80E-08	5.32E-09	6.11	9.5884585	1.39E-01	50297477	50297600	NC_000012.11
cg18644703	4.80E-08	5.32E-09	6.11	9.5880516	1.46E-01	5887068	5887191	NC_000005.9
cg09308639	4.81E-08	5.33E-09	6.11	9.5860118	1.38E-01	103413023	103413146	NC_000002.11
cg19924334	4.81E-08	5.33E-09	6.11	9.5859598	8.34E-02	62197682	62197805	NC_000020.10
cg15664943	4.81E-08	5.33E-09	6.11	9.5859054	8.75E-02	9874188	9874311	NC_000017.10
cg13665060	4.81E-08	5.33E-09	6.11	9.5856992	9.29E-02	106959501	106959624	NC_000002.11
cg05634428	4.82E-08	5.34E-09	6.11	9.5842708	1.09E-01	531052	531175	NC_000005.9
cg01058294	4.82E-08	5.34E-09	6.11	9.5839557	1.67E-01	89148597	89148720	NC_000015.9
cg14835517	4.82E-08	5.34E-09	6.11	9.5830763	2.03E-01	113917417	113917540	NC_000012.11
cg05711235	4.83E-08	5.35E-09	6.11	9.5819601	1.32E-01	65498612	65498735	NC_000008.10
cg12612406	4.83E-08	5.36E-09	6.11	9.5810957	1.04E-01	30103459	30103582	NC_000006.11
cg24120696	4.83E-08	5.36E-09	6.11	9.5810201	1.91E-01	53853604	53853727	NC_000008.10
cg01090834	4.84E-08	5.36E-09	6.11	9.5798994	2.11E-01	38081193	38081316	NC_000021.8
cg26365534	4.85E-08	5.38E-09	6.11	9.5769967	1.49E-01	26664741	26664864	NC_000003.11
cg03138242	4.86E-08	5.38E-09	6.11	9.5759128	6.18E-02	87376812	87376935	NC_000001.10

cg18583910	4.86E-08	5.39E-09	6.11	9.5743082	9.78E-02	25670176	25670299	NC_000013.10
cg07379055	4.87E-08	5.40E-09	6.11	9.5738163	1.71E-01	12305553	12305676	NC_000019.9
cg16733705	4.87E-08	5.40E-09	6.11	9.5735143	1.32E-01	85667616	85667739	NC_000012.11
cg08164961	4.87E-08	5.40E-09	6.11	9.5732008	1.23E-01	60218428	60218551	NC_000017.10
cg14096353	4.88E-08	5.41E-09	6.11	9.571193	1.73E-01	102504236	102504359	NC_000010.10
cg13779795	4.88E-08	5.42E-09	6.11	9.5698411	8.50E-02	139943636	139943759	NC_000009.11
cg17032564	4.89E-08	5.42E-09	6.11	9.5687288	1.07E-01	158531394	158531517	NC_000005.9
cg07692529	4.89E-08	5.42E-09	6.11	9.5685308	3.49E-02	68720202	68720325	NC_000016.9
cg23815900	4.89E-08	5.43E-09	6.11	9.5680924	1.27E-01	60981978	60982101	NC_000014.8
cg09357140	4.89E-08	5.43E-09	6.11	9.5680078	1.21E-01	332745	332868	NC_000016.9
cg09570348	4.90E-08	5.43E-09	6.11	9.567268	1.10E-01	140768251	140768374	NC_000005.9
cg22282590	4.90E-08	5.44E-09	6.11	9.5659614	9.63E-02	17514117	17514240	NC_000019.9
cg14942863	4.91E-08	5.44E-09	6.1	9.5650456	8.28E-02	37894762	37894885	NC_000019.9
cg15711521	4.91E-08	5.45E-09	6.1	9.5647986	5.87E-02	167767619	167767742	NC_000003.11
cg23346622	4.91E-08	5.45E-09	6.1	9.5643078	1.52E-01	27289195	27289318	NC_000007.13
cg21547118	4.91E-08	5.45E-09	6.1	9.564198	8.97E-02	1447417	1447540	NC_000007.13
cg04215385	4.91E-08	5.45E-09	6.1	9.5636223	5.87E-02	37445335	37445458	NC_000021.8
cg13733314	4.92E-08	5.45E-09	6.1	9.5632144	1.15E-01	20830816	20830939	NC_000007.13
cg01190024	4.92E-08	5.46E-09	6.1	9.5628851	1.44E-01	8078357	8078480	NC_000010.10
cg19810038	4.92E-08	5.46E-09	6.1	9.5628084	1.81E-01	58179536	58179659	NC_000020.10
cg01268381	4.92E-08	5.46E-09	6.1	9.5626829	8.53E-02	42219771	42219894	NC_000021.8
cg22113065	4.92E-08	5.46E-09	6.1	9.5625504	3.12E-02	74672346	74672469	NC_000005.9
cg01492523	4.92E-08	5.46E-09	6.1	9.561679	1.10E-01	155413789	155413912	NC_000004.11
cg06113354	4.93E-08	5.47E-09	6.1	9.5602138	1.44E-01	57387636	57387759	NC_000010.10
cg16260700	4.93E-08	5.47E-09	6.1	9.5601037	1.03E-01	62414786	62414909	NC_000011.9

cg05859929	4.93E-08	5.48E-09	6.1	9.5592617	5.58E-02	483459	483582	NC_000005.9
cg21023926	4.94E-08	5.48E-09	6.1	9.5586844	7.21E-02	194072143	194072266	NC_000003.11
cg18439861	4.94E-08	5.48E-09	6.1	9.55817	7.86E-02	140807423	140807546	NC_000005.9
cg09558195	4.94E-08	5.49E-09	6.1	9.55773	1.44E-01	146350585	146350708	NC_000006.11
cg03122674	4.94E-08	5.49E-09	6.1	9.5568649	9.71E-02	56515752	56515875	NC_000007.13
cg02676262	4.95E-08	5.49E-09	6.1	9.5566086	5.29E-02	134527606	134527729	NC_000010.10
cg25861066	4.95E-08	5.50E-09	6.1	9.5555817	1.21E-01	41768460	41768583	NC_000007.13
cg23082454	4.95E-08	5.50E-09	6.1	9.5552416	1.55E-01	105071313	105071436	NC_000014.8
cg10614021	4.96E-08	5.51E-09	6.1	9.553412	2.12E-01	14134486	14134609	NC_000012.11
cg17346650	4.96E-08	5.51E-09	6.1	9.5532788	6.50E-02	80929145	80929268	NC_000017.10
cg16704246	4.96E-08	5.51E-09	6.1	9.5529343	1.03E-01	112594670	112594793	NC_000010.10
cg02447304	4.97E-08	5.52E-09	6.1	9.551948	1.31E-01	74024628	74024751	NC_000006.11
cg25079568	4.98E-08	5.53E-09	6.1	9.5497227	1.59E-01	52989604	52989727	NC_000018.9
cg11963658	4.99E-08	5.55E-09	6.1	9.5468159	6.94E-02	111376030	111376153	NC_000013.10
cg06191454	5.00E-08	5.56E-09	6.1	9.5451587	1.17E-01	122850545	122850668	NC_000011.9
cg06797069	5.00E-08	5.56E-09	6.1	9.544813	1.26E-01	37328334	37328457	NC_000017.10
cg09173348	5.00E-08	5.56E-09	6.1	9.544573	1.19E-01	37322431	37322554	NC_000017.10
cg00656411	5.01E-08	5.56E-09	6.1	9.5438973	1.27E-01	140773422	140773545	NC_000007.13
cg01165752	5.01E-08	5.56E-09	6.1	9.5438957	7.99E-02	35029890	35030013	NC_000016.9
cg21937886	5.01E-08	5.57E-09	6.1	9.5434003	2.06E-01	179779954	179780077	NC_000005.9
cg23273418	5.01E-08	5.57E-09	6.1	9.5432313	6.86E-02	3042459	3042582	NC_000001.10
cg02229605	5.01E-08	5.57E-09	6.1	9.5432257	1.62E-01	61119122	61119245	NC_000014.8
cg26708235	5.01E-08	5.57E-09	6.1	9.5426183	2.00E-01	25946397	25946520	NC_000013.10
cg09523909	5.01E-08	5.57E-09	6.1	9.5425276	9.41E-02	243029532	243029655	NC_000002.11
cg26196385	5.01E-08	5.57E-09	6.1	9.5423174	1.27E-01	113392117	113392240	NC_000005.9

cg18736063	5.03E-08	5.59E-09	6.1	9.5394068	1.53E-01	21378560	21378683	NC_000020.10
cg22804770	5.03E-08	5.59E-09	6.1	9.5392619	6.00E-02	2786316	2786439	NC_000012.11
cg22078805	5.03E-08	5.59E-09	6.1	9.5391457	1.23E-01	42432046	42432169	NC_000017.10
cg10787409	5.03E-08	5.59E-09	6.1	9.5385249	4.51E-02	144462631	144462754	NC_000008.10
cg16233210	5.04E-08	5.60E-09	6.1	9.5368634	2.84E-02	171778391	171778514	NC_000003.11
cg12075498	5.04E-08	5.61E-09	6.1	9.5364726	1.18E-01	65428216	65428339	NC_000001.10
cg22225943	5.05E-08	5.61E-09	6.1	9.535596	1.28E-01	2162536	2162659	NC_000011.9
cg05603881	5.05E-08	5.61E-09	6.1	9.5350039	1.51E-01	42401149	42401272	NC_000004.11
cg14051639	5.05E-08	5.62E-09	6.1	9.5345777	1.22E-01	30173283	30173406	NC_000006.11
cg08066129	5.06E-08	5.63E-09	6.1	9.5329484	1.47E-01	38077258	38077381	NC_000021.8
cg03740752	5.06E-08	5.63E-09	6.1	9.5322296	8.87E-02	89903046	89903169	NC_000016.9
cg13955851	5.07E-08	5.63E-09	6.1	9.5315315	3.49E-02	98553852	98553975	NC_000007.13
cg09160020	5.07E-08	5.64E-09	6.1	9.5311737	1.03E-01	72740748	72740871	NC_000005.9
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cg02492791	5.08E-08	5.65E-09	6.1	9.5296413	1.10E-01	85306548	85306671	NC_000012.11
cg02976699	5.08E-08	5.65E-09	6.1	9.5295361	1.17E-01	17907163	17907286	NC_000009.11
cg13759743	5.08E-08	5.65E-09	6.1	9.5290124	4.85E-02	72104228	72104351	NC_000015.9
cg05323533	5.08E-08	5.65E-09	6.1	9.5286386	1.30E-01	41750362	41750485	NC_000004.11
cg19201856	5.08E-08	5.65E-09	6.1	9.5284682	1.29E-02	73600995	73601118	NC_000007.13
cg18669948	5.09E-08	5.66E-09	6.1	9.5274138	7.10E-02	27702528	27702651	NC_000010.10
cg13578194	5.09E-08	5.66E-09	6.1	9.5267924	1.09E-01	41364383	41364506	NC_000004.11
cg09571420	5.09E-08	5.66E-09	6.1	9.5266361	1.92E-01	145813008	145813131	NC_000007.13
cg25079691	5.09E-08	5.67E-09	6.1	9.5259025	9.86E-02	25908057	25908180	NC_000008.10
cg26370016	5.10E-08	5.67E-09	6.1	9.5252115	4.08E-02	158761822	158761945	NC_000005.9
cg18586919	5.10E-08	5.67E-09	6.1	9.5246579	1.33E-01	40005649	40005772	NC_000019.9

cg20497668	5.10E-08	5.68E-09	6.1	9.5238603	6.61E-02	134624132	134624255	NC_000010.10
cg17245125	5.11E-08	5.68E-09	6.1	9.5236181	7.16E-02	23843711	23843834	NC_000002.11
cg21189054	5.11E-08	5.68E-09	6.1	9.5234881	1.15E-01	112831901	112832024	NC_000011.9
cg21761922	5.11E-08	5.68E-09	6.1	9.5234203	9.80E-02	16309088	16309211	NC_000003.11
cg23950724	5.11E-08	5.68E-09	6.1	9.5228566	1.16E-01	33593177	33593300	NC_000012.11
cg27230784	5.11E-08	5.69E-09	6.1	9.5220844	1.98E-01	5404337	5404460	NC_000017.10
cg17432061	5.11E-08	5.69E-09	6.1	9.5218674	1.05E-01	36924844	36924967	NC_000017.10
cg13773705	5.11E-08	5.69E-09	6.1	9.5216355	1.27E-01	88799820	88799943	NC_000015.9
cg14327531	5.12E-08	5.69E-09	6.1	9.5213494	1.66E-01	8097331	8097454	NC_000010.10
cg24678611	5.12E-08	5.69E-09	6.1	9.5212805	1.18E-01	3567732	3567855	NC_000001.10
cg12302428	5.12E-08	5.70E-09	6.1	9.5201508	7.84E-02	52408520	52408643	NC_000019.9
cg17768491	5.12E-08	5.70E-09	6.1	9.5199624	2.01E-01	41018876	41018999	NC_000019.9
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cg10008501	5.13E-08	5.71E-09	6.1	9.51792	1.72E-01	9763558	9763681	NC_000008.10
cg05156453	5.13E-08	5.72E-09	6.1	9.5175969	2.80E-02	71320617	71320740	NC_000011.9
cg18576013	5.14E-08	5.72E-09	6.1	9.5172297	2.37E-02	45403468	45403591	NC_000021.8
cg05513983	5.14E-08	5.72E-09	6.1	9.5166896	1.36E-01	181444512	181444635	NC_000003.11
cg02538169	5.14E-08	5.73E-09	6.1	9.5158164	2.59E-02	100287481	100287604	NC_000007.13
cg14248598	5.14E-08	5.73E-09	6.1	9.5154708	5.61E-02	7183873	7183996	NC_000012.11
cg04682850	5.15E-08	5.73E-09	6.1	9.5152959	4.54E-02	189155606	189155729	NC_000002.11
cg02479177	5.15E-08	5.73E-09	6.09	9.5144676	6.38E-02	113544826	113544949	NC_000006.11
cg11915650	5.15E-08	5.74E-09	6.09	9.5135591	1.56E-01	2161009	2161132	NC_000011.9
cg08172065	5.16E-08	5.74E-09	6.09	9.5130494	1.01E-01	70981796	70981919	NC_000008.10
cg02176280	5.16E-08	5.75E-09	6.09	9.5119678	5.55E-02	23646176	23646299	NC_000002.11
cg11696975	5.16E-08	5.75E-09	6.09	9.5114399	4.06E-02	3445330	3445453	NC_000006.11

cg09938408	5.17E-08	5.75E-09	6.09	9.51107	1.08E-01	42211840	42211963	NC_000015.9
cg26466587	5.17E-08	5.76E-09	6.09	9.5102096	1.67E-01	100442120	100442243	NC_000006.11
cg10116456	5.17E-08	5.76E-09	6.09	9.5100408	7.95E-02	231838098	231838221	NC_000001.10
cg05771518	5.17E-08	5.76E-09	6.09	9.5093285	1.30E-01	54339288	54339411	NC_000012.11
cg04116909	5.18E-08	5.77E-09	6.09	9.5086318	7.53E-02	157584121	157584244	NC_000002.11
cg18869404	5.18E-08	5.77E-09	6.09	9.5079713	1.13E-01	76937348	76937471	NC_000005.9
cg09450024	5.18E-08	5.77E-09	6.09	9.5076719	1.25E-01	45737623	45737746	NC_000019.9
cg11815199	5.19E-08	5.78E-09	6.09	9.5068274	9.73E-02	3280741	3280864	NC_000010.10
cg14896087	5.19E-08	5.79E-09	6.09	9.5057068	6.02E-02	46224715	46224838	NC_000010.10
cg21194448	5.19E-08	5.79E-09	6.09	9.5054423	1.49E-01	88323940	88324063	NC_000013.10
cg15506477	5.20E-08	5.79E-09	6.09	9.5051142	1.58E-01	133426129	133426252	NC_000002.11
cg17352891	5.20E-08	5.79E-09	6.09	9.504196	1.39E-01	24636625	24636748	NC_000012.11
cg05620980	5.21E-08	5.81E-09	6.09	9.5016962	1.38E-01	562844	562967	NC_000007.13
cg21237591	5.21E-08	5.81E-09	6.09	9.5016358	1.25E-01	2162510	2162633	NC_000011.9
cg20078466	5.21E-08	5.81E-09	6.09	9.5014473	2.00E-01	50344331	50344454	NC_000007.13
cg23681219	5.21E-08	5.81E-09	6.09	9.5014171	8.23E-02	62043583	62043706	NC_000020.10
cg17164093	5.21E-08	5.81E-09	6.09	9.5013831	8.84E-02	41393714	41393837	NC_000008.10
cg21231715	5.22E-08	5.81E-09	6.09	9.5007368	9.71E-02	23567941	23568064	NC_000008.10
cg20822426	5.23E-08	5.83E-09	6.09	9.4983611	9.23E-02	13154865	13154988	NC_000012.11
cg02270518	5.23E-08	5.83E-09	6.09	9.4982136	5.60E-02	29404728	29404851	NC_000006.11
cg13316854	5.23E-08	5.83E-09	6.09	9.4980941	1.02E-01	177027856	177027979	NC_000002.11
cg13327384	5.23E-08	5.83E-09	6.09	9.4975643	1.27E-01	4101090	4101213	NC_000005.9
cg02471153	5.23E-08	5.84E-09	6.09	9.4971681	1.07E-01	99440331	99440454	NC_000008.10
cg06522054	5.24E-08	5.84E-09	6.09	9.4968018	1.72E-01	11752538	11752661	NC_000018.9
cg23967169	5.24E-08	5.84E-09	6.09	9.4965321	1.54E-01	68981503	68981626	NC_000003.11



cg05606074	5.24E-08	5.84E-09	6.09	9.4962728	5.14E-02	9783965	9784088	NC_000004.11
cg19035792	5.25E-08	5.85E-09	6.09	9.4949581	6.54E-02	38382245	38382368	NC_000022.10
cg08818337	5.26E-08	5.87E-09	6.09	9.4922654	8.42E-02	149962501	149962624	NC_000005.9
cg10868875	5.26E-08	5.87E-09	6.09	9.4921774	2.04E-01	61596307	61596430	NC_000011.9
cg11673964	5.26E-08	5.87E-09	6.09	9.4920723	4.44E-02	145807673	145807796	NC_000008.10
cg26908109	5.26E-08	5.87E-09	6.09	9.4918482	1.05E-01	149162219	149162342	NC_000001.10
cg25368122	5.26E-08	5.87E-09	6.09	9.4910664	1.60E-01	75600685	75600808	NC_000001.10
cg14449051	5.26E-08	5.87E-09	6.09	9.4910182	1.74E-01	85306474	85306597	NC_000012.11
cg15087347	5.27E-08	5.88E-09	6.09	9.4898979	1.65E-01	41086227	41086350	NC_000012.11
cg05766802	5.28E-08	5.90E-09	6.09	9.4870756	2.00E-01	118982056	118982179	NC_000002.11
cg12245084	5.28E-08	5.90E-09	6.09	9.4869896	6.53E-02	78672632	78672755	NC_000011.9
cg11166600	5.28E-08	5.90E-09	6.09	9.4868687	1.12E-01	143695141	143695264	NC_000003.11
cg04956244	5.29E-08	5.90E-09	6.09	9.4865592	7.86E-02	38511592	38511715	NC_000017.10
cg18601229	5.29E-08	5.90E-09	6.09	9.4865243	2.97E-02	42192297	42192420	NC_000015.9
cg27573570	5.29E-08	5.91E-09	6.09	9.4856493	7.34E-02	28422839	28422962	NC_000001.10
cg13670833	5.29E-08	5.91E-09	6.09	9.4855174	1.56E-01	50833832	50833955	NC_000019.9
cg09467944	5.29E-08	5.91E-09	6.09	9.4849665	1.05E-01	102075026	102075149	NC_000015.9
cg19485539	5.30E-08	5.91E-09	6.09	9.4845711	2.20E-01	118031870	118031993	NC_000010.10
cg15149938	5.30E-08	5.91E-09	6.09	9.4845363	1.39E-01	50018392	50018515	NC_000022.10
cg16404865	5.30E-08	5.91E-09	6.09	9.4841288	1.52E-01	17756986	17757109	NC_000011.9
cg23805623	5.30E-08	5.92E-09	6.09	9.4839479	6.22E-02	130316046	130316169	NC_000012.11
cg08332071	5.31E-08	5.92E-09	6.09	9.4826774	1.39E-01	133937493	133937616	NC_000011.9
cg03167948	5.31E-08	5.93E-09	6.09	9.48147	9.39E-02	134740802	134740925	NC_000010.10
cg05090137	5.31E-08	5.93E-09	6.09	9.4810246	1.17E-01	3471901	3472024	NC_000004.11
cg18926108	5.31E-08	5.93E-09	6.09	9.4809113	9.69E-02	140773059	140773182	NC_000005.9

cg18119999	5.32E-08	5.94E-09	6.09	9.4797678	4.58E-02	130012918	130013041	NC_000010.10
cg05216536	5.32E-08	5.94E-09	6.09	9.4795564	6.41E-02	31505496	31505619	NC_000006.11
cg07969300	5.32E-08	5.94E-09	6.09	9.479351	1.04E-01	18709519	18709642	NC_000019.9
cg03165176	5.32E-08	5.94E-09	6.09	9.4791932	8.59E-02	1456886	1457009	NC_000019.9
cg23741520	5.33E-08	5.95E-09	6.09	9.4784149	6.61E-02	83954231	83954354	NC_000015.9
cg19719207	5.33E-08	5.96E-09	6.09	9.4774017	1.31E-01	121839493	121839616	NC_000004.11
cg20723355	5.33E-08	5.96E-09	6.09	9.4773448	1.77E-01	6679597	6679720	NC_000017.10
cg11569933	5.36E-08	5.99E-09	6.09	9.4720718	8.36E-02	31631675	31631798	NC_000006.11
cg23599385	5.36E-08	5.99E-09	6.09	9.4711087	9.87E-02	106637299	106637422	NC_000002.11
cg19223299	5.37E-08	6.00E-09	6.09	9.4705945	1.49E-01	100057160	100057283	NC_000006.11
cg17201760	5.38E-08	6.01E-09	6.09	9.4683647	1.51E-01	206562	206685	NC_000004.11
cg00585621	5.38E-08	6.02E-09	6.09	9.4674304	9.53E-02	100868748	100868871	NC_000004.11
cg05836184	5.39E-08	6.02E-09	6.09	9.4670942	1.15E-01	114686942	114687065	NC_000007.13
cg20764116	5.39E-08	6.02E-09	6.09	9.466997	1.56E-01	20692709	20692832	NC_000011.9
cg27506082	5.39E-08	6.02E-09	6.09	9.4664721	1.73E-01	207139431	207139554	NC_000002.11
cg24492749	5.39E-08	6.02E-09	6.09	9.4662354	7.51E-02	167063318	167063441	NC_000006.11
cg15452426	5.41E-08	6.05E-09	6.08	9.4625214	2.90E-02	10532230	10532353	NC_000001.10
cg15246693	5.41E-08	6.05E-09	6.08	9.4619359	1.09E-01	107075701	107075824	NC_000013.10
cg03117053	5.41E-08	6.05E-09	6.08	9.461903	1.11E-01	34263644	34263767	NC_000019.9
cg26036432	5.41E-08	6.05E-09	6.08	9.4614367	1.14E-01	1018384	1018507	NC_000007.13
cg01336781	5.42E-08	6.06E-09	6.08	9.4606277	1.32E-01	23563182	23563305	NC_000008.10
cg22914729	5.43E-08	6.07E-09	6.08	9.4590828	1.54E-01	111541339	111541462	NC_000004.11
cg11135021	5.43E-08	6.07E-09	6.08	9.4590684	1.65E-01	4382112	4382235	NC_000012.11
cg19305938	5.43E-08	6.07E-09	6.08	9.4581019	8.21E-02	28363767	28363890	NC_000008.10
cg23924370	5.43E-08	6.08E-09	6.08	9.457895	7.25E-02	88583805	88583928	NC_000002.11

cg25050175	5.43E-08	6.08E-09	6.08	9.4578738	8.17E-02	34809318	34809441	NC_000016.9
cg05120860	5.44E-08	6.08E-09	6.08	9.4567457	1.03E-01	35192071	35192194	NC_000013.10
cg26701242	5.44E-08	6.08E-09	6.08	9.4565305	1.65E-01	38077971	38078094	NC_000021.8
cg07143532	5.44E-08	6.09E-09	6.08	9.4562075	2.13E-01	86621354	86621477	NC_000001.10
cg22501793	5.44E-08	6.09E-09	6.08	9.4561882	1.43E-01	91173232	91173355	NC_000001.10
cg15668691	5.44E-08	6.09E-09	6.08	9.4557933	4.89E-02	119915484	119915607	NC_000007.13
cg01074325	5.45E-08	6.10E-09	6.08	9.4538166	1.31E-01	30138178	30138301	NC_000006.11
cg03829739	5.46E-08	6.10E-09	6.08	9.4531867	1.34E-01	56515510	56515633	NC_000007.13
cg05392527	5.46E-08	6.11E-09	6.08	9.4530536	6.88E-02	68394825	68394948	NC_000016.9
cg14725151	5.46E-08	6.11E-09	6.08	9.4528887	1.50E-01	46930115	46930238	NC_000019.9
cg22702741	5.48E-08	6.13E-09	6.08	9.4492438	1.20E-01	133706550	133706673	NC_000007.13
cg00651523	5.48E-08	6.13E-09	6.08	9.448996	1.94E-01	28411279	28411402	NC_000006.11
cg01809170	5.48E-08	6.14E-09	6.08	9.4482616	1.36E-01	184040176	184040299	NC_000004.11
cg16405019	5.48E-08	6.14E-09	6.08	9.4479732	1.22E-01	18959625	18959748	NC_000001.10
cg22735222	5.49E-08	6.14E-09	6.08	9.4476291	1.30E-01	101295724	101295847	NC_000010.10
cg01080600	5.49E-08	6.14E-09	6.08	9.4468908	1.29E-01	236443773	236443896	NC_000002.11
cg00529567	5.49E-08	6.14E-09	6.08	9.4468539	3.49E-02	124772735	124772858	NC_000003.11
cg03905819	5.49E-08	6.15E-09	6.08	9.446499	1.40E-01	54385275	54385398	NC_000012.11
cg08885224	5.49E-08	6.15E-09	6.08	9.4462998	7.70E-02	133561368	133561491	NC_000006.11
cg18154270	5.50E-08	6.15E-09	6.08	9.4456735	5.74E-02	31002624	31002747	NC_000007.13
cg06825478	5.50E-08	6.15E-09	6.08	9.4456567	6.92E-02	31546067	31546190	NC_000006.11
cg04882003	5.50E-08	6.16E-09	6.08	9.44502	1.41E-02	53441375	53441498	NC_000012.11
cg09812623	5.50E-08	6.16E-09	6.08	9.4446519	1.81E-01	215781	215904	NC_000016.9
cg16600876	5.50E-08	6.16E-09	6.08	9.4441546	7.36E-02	119751700	119751823	NC_000008.10
cg20046343	5.51E-08	6.16E-09	6.08	9.4439264	1.37E-01	41528785	41528908	NC_000006.11

cg13128052	5.51E-08	6.16E-09	6.08	9.4437394	3.11E-02	43988613	43988736	NC_000021.8
cg16036528	5.51E-08	6.17E-09	6.08	9.4434575	1.19E-01	25909472	25909595	NC_000008.10
cg14737286	5.52E-08	6.17E-09	6.08	9.4421605	1.24E-01	131761206	131761329	NC_000010.10
cg00462951	5.52E-08	6.18E-09	6.08	9.4414957	1.14E-01	5539736	5539859	NC_000012.11
cg24524285	5.53E-08	6.19E-09	6.08	9.4403048	1.07E-01	64405919	64406042	NC_000011.9
cg11986226	5.53E-08	6.19E-09	6.08	9.4395102	2.54E-02	40026390	40026513	NC_000007.13
cg05237114	5.54E-08	6.20E-09	6.08	9.4380972	1.09E-01	58905672	58905795	NC_000008.10
cg21618730	5.54E-08	6.20E-09	6.08	9.4375542	1.17E-01	112815899	112816022	NC_000013.10
cg20053158	5.54E-08	6.20E-09	6.08	9.43741	1.13E-01	103351206	103351329	NC_000012.11
cg15999750	5.54E-08	6.21E-09	6.08	9.4370745	7.52E-02	77543166	77543289	NC_000018.9
cg24625136	5.55E-08	6.21E-09	6.08	9.4364755	1.91E-01	138658554	138658677	NC_000003.11
cg23096689	5.55E-08	6.22E-09	6.08	9.4352295	1.43E-01	86599714	86599837	NC_000016.9
cg04323427	5.55E-08	6.22E-09	6.08	9.4351205	1.32E-01	34642899	34643022	NC_000001.10
cg16670245	5.55E-08	6.22E-09	6.08	9.4349906	5.21E-02	196274717	196274840	NC_000002.11
cg00737556	5.55E-08	6.22E-09	6.08	9.4349577	4.83E-02	76013302	76013425	NC_000014.8
cg16820616	5.56E-08	6.22E-09	6.08	9.4342597	8.52E-02	30605581	30605704	NC_000011.9
cg17198051	5.56E-08	6.22E-09	6.08	9.4341405	8.37E-02	130279674	130279797	NC_000010.10
cg25464265	5.56E-08	6.23E-09	6.08	9.4334763	9.20E-02	221063484	221063607	NC_000001.10
cg11295178	5.56E-08	6.23E-09	6.08	9.4333663	1.80E-01	114918693	114918816	NC_000012.11
cg13830506	5.57E-08	6.24E-09	6.08	9.431256	7.67E-02	27498285	27498408	NC_000002.11
cg08653904	5.57E-08	6.25E-09	6.08	9.4308752	2.10E-02	8497643	8497766	NC_000001.10
cg20468253	5.58E-08	6.25E-09	6.08	9.4302358	1.95E-01	106685977	106686100	NC_000007.13
cg15582661	5.58E-08	6.25E-09	6.08	9.4301571	4.35E-02	98983694	98983817	NC_000012.11
cg13782301	5.58E-08	6.25E-09	6.08	9.4296955	9.12E-02	32116875	32116998	NC_000006.11
cg04566147	5.58E-08	6.25E-09	6.08	9.4295457	6.63E-02	34778087	34778210	NC_000016.9

cg22545027	5.58E-08	6.26E-09	6.08	9.4288441	8.09E-02	73437363	73437486	NC_000010.10
cg01037523	5.59E-08	6.26E-09	6.08	9.42872	9.17E-02	187078716	187078839	NC_000003.11
cg07336350	5.59E-08	6.26E-09	6.08	9.428034	1.20E-01	54322127	54322250	NC_000016.9
cg09585968	5.60E-08	6.27E-09	6.08	9.4267415	7.17E-02	17713884	17714007	NC_000011.9
cg19891001	5.60E-08	6.28E-09	6.08	9.4259876	2.17E-01	100438221	100438344	NC_000014.8
cg17201542	5.60E-08	6.28E-09	6.08	9.4256829	4.53E-02	122818413	122818536	NC_000003.11
cg25054580	5.62E-08	6.30E-09	6.08	9.4224483	1.28E-01	54976019	54976142	NC_000004.11
cg03993463	5.62E-08	6.30E-09	6.08	9.4219902	7.98E-02	39627271	39627394	NC_000021.8
cg02363969	5.62E-08	6.30E-09	6.08	9.4218758	7.94E-02	56048075	56048198	NC_000019.9
cg11813810	5.62E-08	6.30E-09	6.08	9.4216991	4.68E-02	198621680	198621803	NC_000001.10
cg25793785	5.63E-08	6.31E-09	6.08	9.4205589	7.29E-02	38281423	38281546	NC_000019.9
cg10457539	5.64E-08	6.33E-09	6.08	9.4180215	1.31E-01	85418584	85418707	NC_000004.11
cg06713229	5.65E-08	6.33E-09	6.08	9.4176717	9.87E-02	134624679	134624802	NC_000010.10
cg00179795	5.65E-08	6.33E-09	6.08	9.4172368	9.57E-02	131695114	131695237	NC_000010.10
cg25608547	5.65E-08	6.34E-09	6.08	9.4169689	7.30E-02	129251071	129251194	NC_000006.11
cg06488256	5.65E-08	6.34E-09	6.08	9.4169161	1.19E-01	112725903	112726026	NC_000013.10
cg18715299	5.65E-08	6.34E-09	6.08	9.4163337	4.56E-02	53816275	53816398	NC_000012.11
cg18791205	5.65E-08	6.34E-09	6.08	9.4162991	1.49E-01	19146324	19146447	NC_000007.13
cg21555877	5.65E-08	6.34E-09	6.08	9.4162888	9.52E-02	77128445	77128568	NC_000017.10
cg12806121	5.65E-08	6.34E-09	6.08	9.4158415	5.06E-02	10601389	10601512	NC_000001.10
cg00854560	5.66E-08	6.35E-09	6.08	9.4149321	5.40E-02	31002430	31002553	NC_000013.10
cg16579158	5.66E-08	6.35E-09	6.08	9.414518	1.13E-01	140719142	140719265	NC_000005.9
cg15053248	5.66E-08	6.35E-09	6.08	9.4142481	7.95E-02	91322313	91322436	NC_000006.11
cg02303677	5.67E-08	6.36E-09	6.08	9.4134842	6.00E-02	71177158	71177281	NC_000010.10
cg23372544	5.67E-08	6.36E-09	6.08	9.4125626	1.06E-01	23387068	23387191	NC_000019.9

cg04745161	5.68E-08	6.38E-09	6.07	9.4108119	1.28E-01	130526916	130527039	NC_000012.11
cg16886672	5.69E-08	6.38E-09	6.07	9.4094666	4.57E-02	79668281	79668404	NC_000017.10
cg14923274	5.70E-08	6.39E-09	6.07	9.408476	2.11E-02	48725172	48725295	NC_000003.11
cg01609099	5.70E-08	6.40E-09	6.07	9.4076892	3.91E-02	141389201	141389324	NC_000005.9
cg05951221	5.70E-08	6.40E-09	6.07	9.4074146	1.15E-01	233284402	233284525	NC_000002.11
cg15696906	5.70E-08	6.40E-09	6.07	9.4068763	1.35E-01	38444134	38444257	NC_000013.10
cg09919570	5.70E-08	6.40E-09	6.07	9.4068143	1.43E-01	49311782	49311905	NC_000016.9
cg20159885	5.71E-08	6.41E-09	6.07	9.4056743	1.30E-01	155166619	155166742	NC_000007.13
cg00861009	5.71E-08	6.41E-09	6.07	9.4056685	1.28E-01	176973688	176973811	NC_000002.11
cg13702942	5.71E-08	6.41E-09	6.07	9.4055881	1.82E-01	178594374	178594497	NC_000005.9
cg15344419	5.72E-08	6.42E-09	6.07	9.4046949	2.24E-01	131769581	131769704	NC_000010.10
cg24642236	5.72E-08	6.42E-09	6.07	9.4043898	1.01E-01	156460304	156460427	NC_000001.10
cg19477706	5.72E-08	6.42E-09	6.07	9.4035016	1.07E-01	2686914	2687037	NC_000005.9
cg05291025	5.72E-08	6.43E-09	6.07	9.4031624	8.65E-02	233897149	233897272	NC_000002.11
cg19861138	5.73E-08	6.43E-09	6.07	9.4024577	1.92E-01	154335384	154335507	NC_000002.11
cg15324651	5.73E-08	6.43E-09	6.07	9.4021233	1.06E-01	137816620	137816743	NC_000006.11
cg19771589	5.73E-08	6.43E-09	6.07	9.401751	7.27E-02	57349815	57349938	NC_000019.9
cg25002570	5.73E-08	6.44E-09	6.07	9.4013669	4.30E-02	100444696	100444819	NC_000007.13
cg11581903	5.74E-08	6.44E-09	6.07	9.4009849	7.32E-02	46846468	46846591	NC_000021.8
cg08514530	5.74E-08	6.44E-09	6.07	9.4005865	1.09E-01	44163270	44163393	NC_000010.10
cg11638298	5.74E-08	6.44E-09	6.07	9.4004567	1.39E-01	188917173	188917296	NC_000004.11
cg00784153	5.75E-08	6.45E-09	6.07	9.3987302	1.13E-01	10077007	10077130	NC_000019.9
cg25501335	5.75E-08	6.46E-09	6.07	9.3985563	3.71E-02	52093899	52094022	NC_000003.11
cg20276962	5.75E-08	6.46E-09	6.07	9.3981182	5.77E-02	243651346	243651469	NC_000001.10
cg03707776	5.75E-08	6.46E-09	6.07	9.3980328	1.15E-01	8190448	8190571	NC_000011.9

cg23319171	5.76E-08	6.47E-09	6.07	9.3962064	3.40E-02	74804128	74804251	NC_000018.9
cg07297900	5.77E-08	6.48E-09	6.07	9.3946462	2.79E-02	72721621	72721744	NC_000007.13
cg03538326	5.77E-08	6.48E-09	6.07	9.3946433	6.71E-02	1375845	1375968	NC_000001.10
cg20185461	5.77E-08	6.48E-09	6.07	9.3944927	1.24E-01	18899082	18899205	NC_000019.9
cg09222577	5.78E-08	6.49E-09	6.07	9.393556	6.62E-02	89480222	89480345	NC_000016.9
cg12839363	5.78E-08	6.49E-09	6.07	9.3935039	7.94E-02	12650181	12650304	NC_000011.9
cg01034631	5.78E-08	6.49E-09	6.07	9.3931115	1.08E-01	101361004	101361127	NC_000014.8
cg15788369	5.78E-08	6.49E-09	6.07	9.3930363	1.34E-01	15833777	15833900	NC_000019.9
cg19714279	5.78E-08	6.50E-09	6.07	9.3921572	1.18E-01	237077920	237078043	NC_000002.11
cg18025446	5.79E-08	6.50E-09	6.07	9.3912402	4.60E-02	6885838	6885961	NC_000007.13
cg04011228	5.79E-08	6.51E-09	6.07	9.3907348	1.60E-01	154335250	154335373	NC_000002.11
cg13715590	5.79E-08	6.51E-09	6.07	9.390083	8.33E-02	68185630	68185753	NC_000003.11
cg04656222	5.81E-08	6.53E-09	6.07	9.387182	1.17E-01	7690529	7690652	NC_000017.10
cg05621843	5.82E-08	6.54E-09	6.07	9.3860715	1.42E-01	97806397	97806520	NC_000009.11
cg03611632	5.82E-08	6.54E-09	6.07	9.385899	9.37E-02	148932063	148932186	NC_000005.9
cg10002360	5.82E-08	6.54E-09	6.07	9.3852709	3.52E-02	74098869	74098992	NC_000007.13
cg07531093	5.82E-08	6.54E-09	6.07	9.3852221	3.88E-02	143777681	143777804	NC_000008.10
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cg20518155	5.82E-08	6.55E-09	6.07	9.3848222	1.63E-01	55366610	55366733	NC_000008.10
cg24791025	5.83E-08	6.55E-09	6.07	9.3839686	1.11E-01	65285897	65286020	NC_000008.10
cg10300728	5.83E-08	6.55E-09	6.07	9.3837051	1.30E-01	112786133	112786256	NC_000013.10
cg27548595	5.84E-08	6.56E-09	6.07	9.3824884	1.33E-01	18904366	18904489	NC_000017.10
cg18220380	5.84E-08	6.57E-09	6.07	9.3818069	1.01E-01	142185447	142185570	NC_000008.10
cg06013769	5.84E-08	6.57E-09	6.07	9.3814876	8.26E-02	140530467	140530590	NC_000005.9
cg02860602	5.84E-08	6.57E-09	6.07	9.3812364	1.61E-01	103356060	103356183	NC_000012.11

cg06211872	5.85E-08	6.57E-09	6.07	9.380917	1.13E-01	115123251	115123374	NC_000012.11
cg17030238	5.85E-08	6.58E-09	6.07	9.3806492	4.06E-02	156180190	156180313	NC_000001.10
cg15465823	5.85E-08	6.58E-09	6.07	9.3799032	7.50E-02	48382534	48382657	NC_000012.11
cg02671171	5.85E-08	6.58E-09	6.07	9.3795139	1.35E-01	203087	203210	NC_000017.10
cg18713687	5.86E-08	6.59E-09	6.07	9.379026	8.74E-02	195489789	195489912	NC_000003.11
cg14305560	5.86E-08	6.59E-09	6.07	9.3787407	7.64E-02	139487958	139488081	NC_000009.11
cg24581326	5.86E-08	6.59E-09	6.07	9.3779848	1.21E-01	55204266	55204389	NC_000020.10
cg26739233	5.87E-08	6.60E-09	6.07	9.377143	1.06E-01	72724062	72724185	NC_000011.9
cg19841369	5.87E-08	6.60E-09	6.07	9.3766157	1.59E-01	64663928	64664051	NC_000014.8
cg17401780	5.87E-08	6.60E-09	6.07	9.3766056	8.49E-02	129949004	129949127	NC_000010.10
cg00774437	5.87E-08	6.61E-09	6.07	9.3761905	8.79E-02	7939674	7939797	NC_000012.11
cg23972474	5.87E-08	6.61E-09	6.07	9.375854	1.03E-01	70404320	70404443	NC_000014.8
cg22816343	5.88E-08	6.62E-09	6.07	9.3745991	7.90E-02	26243601	26243724	NC_000008.10
cg09960171	5.89E-08	6.62E-09	6.07	9.3738385	1.86E-01	73450576	73450699	NC_000008.10
cg10172432	5.89E-08	6.63E-09	6.07	9.3733031	1.25E-01	95357042	95357165	NC_000013.10
cg14560030	5.90E-08	6.64E-09	6.07	9.3709337	7.57E-02	33159572	33159695	NC_000006.11
cg00515437	5.90E-08	6.64E-09	6.07	9.370851	6.22E-02	83422206	83422329	NC_000015.9
cg03354108	5.91E-08	6.65E-09	6.07	9.3691212	1.04E-01	118968448	118968571	NC_000008.10
cg17689721	5.92E-08	6.66E-09	6.07	9.3686168	1.53E-01	102976904	102977027	NC_000010.10
cg10415616	5.92E-08	6.67E-09	6.07	9.3669143	3.88E-02	100841571	100841694	NC_000006.11
cg03013070	5.93E-08	6.67E-09	6.07	9.3666207	9.28E-02	95965579	95965702	NC_000010.10
cg08561732	5.93E-08	6.67E-09	6.07	9.3663768	1.08E-01	96909455	96909578	NC_000015.9
cg22566508	5.93E-08	6.67E-09	6.07	9.3663637	2.79E-02	125769697	125769820	NC_000010.10
cg22340526	5.93E-08	6.67E-09	6.07	9.3659951	7.60E-02	153586207	153586330	NC_000007.13
cg23250157	5.93E-08	6.68E-09	6.07	9.3657415	8.79E-02	64679961	64680084	NC_000014.8



cg00179906	5.93E-08	6.68E-09	6.07	9.3651314	6.35E-02	14208363	14208486	NC_000017.10
cg24144105	5.95E-08	6.70E-09	6.07	9.3625436	5.40E-02	111682365	111682488	NC_000013.10
cg09326404	5.95E-08	6.70E-09	6.07	9.3624619	1.76E-01	46956839	46956962	NC_000001.10
cg09860804	5.95E-08	6.70E-09	6.07	9.3621807	6.01E-02	122396633	122396756	NC_000012.11
cg14822490	5.96E-08	6.71E-09	6.07	9.3613438	1.11E-01	124909889	124910012	NC_000010.10
cg09991306	5.97E-08	6.72E-09	6.06	9.359249	1.21E-01	241975140	241975263	NC_000002.11
cg18171392	5.97E-08	6.72E-09	6.06	9.3592465	9.18E-02	24938255	24938378	NC_000022.10
cg24622209	5.97E-08	6.72E-09	6.06	9.3588934	6.36E-02	121531017	121531140	NC_000002.11
cg17413750	5.97E-08	6.73E-09	6.06	9.3584883	8.51E-02	174814067	174814190	NC_000005.9
cg27421298	5.97E-08	6.73E-09	6.06	9.3579435	1.20E-01	35303285	35303408	NC_000017.10
cg25685675	5.97E-08	6.73E-09	6.06	9.3579093	8.45E-02	1309331	1309454	NC_000001.10
cg07224221	5.98E-08	6.74E-09	6.06	9.3566691	8.87E-02	46539013	46539136	NC_000003.11
cg15993383	5.98E-08	6.74E-09	6.06	9.3563514	2.07E-01	123167507	123167630	NC_000003.11
cg00952814	5.99E-08	6.75E-09	6.06	9.3543492	4.79E-02	3379965	3380088	NC_000002.11
cg26590799	6.00E-08	6.76E-09	6.06	9.3537416	7.74E-02	26915257	26915380	NC_000015.9
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cg00773093	6.00E-08	6.76E-09	6.06	9.3536248	6.15E-02	135246653	135246776	NC_000010.10
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cg05210904	6.01E-08	6.77E-09	6.06	9.3524692	1.21E-01	72459565	72459688	NC_000008.10
cg27343836	6.01E-08	6.78E-09	6.06	9.351256	7.31E-02	86549678	86549801	NC_000016.9
cg00613224	6.01E-08	6.78E-09	6.06	9.3510215	1.46E-01	46425712	46425835	NC_000013.10
cg17664099	6.01E-08	6.78E-09	6.06	9.3509447	9.76E-02	1460268	1460391	NC_000008.10
cg16689724	6.02E-08	6.78E-09	6.06	9.3503575	1.16E-01	112430512	112430635	NC_000006.11
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cg01789501	6.02E-08	6.78E-09	6.06	9.3500417	1.18E-01	101272300	101272423	NC_000001.10

cg16333846	6.02E-08	6.79E-09	6.06	9.3499149	1.04E-01	155538155	155538278	NC_000006.11
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cg04391718	6.02E-08	6.79E-09	6.06	9.3490079	1.57E-01	185911702	185911825	NC_000003.11
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cg12910797	6.03E-08	6.80E-09	6.06	9.3473905	1.65E-01	46651722	46651845	NC_000017.10
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cg01602166	6.06E-08	6.83E-09	6.06	9.3428501	6.58E-02	201856763	201856886	NC_000001.10
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cg08813349	6.06E-08	6.84E-09	6.06	9.3425142	1.29E-01	100630430	100630553	NC_000013.10
cg17267804	6.06E-08	6.84E-09	6.06	9.342238	3.30E-02	159735392	159735515	NC_000005.9
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cg10636490	6.08E-08	6.86E-09	6.06	9.3393575	1.36E-01	149687315	149687438	NC_000003.11
cg23811464	6.08E-08	6.86E-09	6.06	9.3392838	1.88E-01	24716204	24716327	NC_000012.11

cg18475643	6.08E-08	6.86E-09	6.06	9.3385858	2.20E-01	46956496	46956619	NC_000001.10
cg20889841	6.10E-08	6.88E-09	6.06	9.3359987	1.28E-01	58148898	58149021	NC_000006.11
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cg18595065	6.11E-08	6.90E-09	6.06	9.3338063	1.25E-01	72597126	72597249	NC_000005.9
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cg06347739	6.12E-08	6.91E-09	6.06	9.3328208	1.68E-01	2292636	2292759	NC_000011.9
cg09762120	6.12E-08	6.91E-09	6.06	9.3326825	6.59E-02	30108301	30108424	NC_000007.13
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cg14907788	6.12E-08	6.91E-09	6.06	9.3317111	4.92E-02	2555976	2556099	NC_000019.9
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cg12449813	6.13E-08	6.92E-09	6.06	9.331117	1.38E-01	69853608	69853731	NC_000015.9
cg02953559	6.13E-08	6.92E-09	6.06	9.331048	9.20E-02	123164964	123165087	NC_000003.11
cg05794480	6.13E-08	6.92E-09	6.06	9.331028	1.61E-01	75362920	75363043	NC_000018.9
cg21238002	6.14E-08	6.93E-09	6.06	9.3294181	1.35E-01	83496248	83496371	NC_000009.11
cg16330195	6.14E-08	6.94E-09	6.06	9.3285378	6.22E-02	113763393	113763516	NC_000002.11
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cg27304225	6.17E-08	6.97E-09	6.06	9.3240929	7.18E-02	25068769	25068892	NC_000015.9
cg06466582	6.19E-08	6.99E-09	6.06	9.3213304	9.20E-02	159335312	159335435	NC_000005.9
cg05299387	6.19E-08	6.99E-09	6.06	9.3211435	1.43E-01	115631143	115631266	NC_000011.9
cg02303941	6.20E-08	7.00E-09	6.06	9.3193704	9.90E-02	94770616	94770739	NC_000011.9

cg16301924	6.21E-08	7.02E-09	6.06	9.3170476	8.17E-02	53314226	53314349	NC_000013.10
cg05181927	6.22E-08	7.03E-09	6.06	9.3158213	3.99E-02	79798897	79799020	NC_000010.10
cg25280433	6.23E-08	7.04E-09	6.06	9.3145506	1.59E-01	105584216	105584339	NC_000006.11
cg05213896	6.23E-08	7.04E-09	6.06	9.313865	1.22E-01	50393653	50393776	NC_000019.9
cg18944653	6.24E-08	7.05E-09	6.06	9.3128557	1.24E-01	81381353	81381476	NC_000007.13
cg23010693	6.24E-08	7.05E-09	6.06	9.312366	1.14E-01	103911341	103911464	NC_000014.8
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cg20740029	6.25E-08	7.07E-09	6.06	9.3101661	1.33E-01	101603835	101603958	NC_000012.11
cg13235761	6.25E-08	7.07E-09	6.06	9.3101565	7.08E-02	203561580	203561703	NC_000001.10
cg15442105	6.25E-08	7.07E-09	6.05	9.3096254	3.92E-02	99227437	99227560	NC_000007.13
cg15976636	6.26E-08	7.07E-09	6.05	9.3094508	1.09E-01	163147737	163147860	NC_000006.11
cg11343938	6.26E-08	7.08E-09	6.05	9.308416	3.12E-02	72978007	72978130	NC_000003.11
cg23387213	6.27E-08	7.09E-09	6.05	9.3072177	5.38E-02	122340281	122340404	NC_000007.13
cg16001165	6.27E-08	7.09E-09	6.05	9.3069921	1.25E-01	129581866	129581989	NC_000004.11
cg23691946	6.27E-08	7.09E-09	6.05	9.3065972	5.49E-02	21203444	21203567	NC_000019.9
cg03960589	6.27E-08	7.09E-09	6.05	9.3064015	8.23E-02	40840485	40840608	NC_000017.10
cg21598067	6.28E-08	7.10E-09	6.05	9.3060535	1.07E-01	18540642	18540765	NC_000008.10
cg18436810	6.28E-08	7.10E-09	6.05	9.3058514	6.56E-02	196619732	196619855	NC_000001.10
cg16705273	6.28E-08	7.11E-09	6.05	9.304757	9.39E-02	42262885	42263008	NC_000018.9
cg13053595	6.29E-08	7.12E-09	6.05	9.3029847	8.50E-02	133527122	133527245	NC_000003.11
cg24947764	6.30E-08	7.12E-09	6.05	9.30277	1.40E-01	41881359	41881482	NC_000004.11
cg16843423	6.31E-08	7.14E-09	6.05	9.3007971	1.31E-01	149569501	149569624	NC_000005.9
cg25011252	6.31E-08	7.14E-09	6.05	9.3004882	4.74E-02	61777859	61777982	NC_000008.10
cg14270857	6.31E-08	7.14E-09	6.05	9.3002482	1.28E-01	100996097	100996220	NC_000010.10
cg14009098	6.31E-08	7.14E-09	6.05	9.2999252	1.60E-01	234041306	234041429	NC_000001.10

cg00116092	6.31E-08	7.14E-09	6.05	9.2997859	1.39E-01	217313044	217313167	NC_000001.10
cg03634234	6.32E-08	7.15E-09	6.05	9.298676	9.03E-02	152132218	152132341	NC_000007.13
cg02731390	6.33E-08	7.16E-09	6.05	9.2976054	5.94E-02	98367715	98367838	NC_000010.10
cg09409930	6.33E-08	7.16E-09	6.05	9.2973821	4.36E-02	16268878	16269001	NC_000001.10
cg21860560	6.33E-08	7.16E-09	6.05	9.2968948	9.77E-02	113784438	113784561	NC_000013.10
cg10214421	6.33E-08	7.17E-09	6.05	9.2966522	1.50E-01	155174508	155174631	NC_000007.13
cg16875554	6.34E-08	7.17E-09	6.05	9.2955893	7.34E-02	6897731	6897854	NC_000012.11
cg10679688	6.34E-08	7.18E-09	6.05	9.2950499	1.32E-01	100624965	100625088	NC_000013.10
cg02646021	6.35E-08	7.18E-09	6.05	9.2945905	1.28E-01	223176846	223176969	NC_000002.11
cg14374781	6.35E-08	7.19E-09	6.05	9.293117	6.55E-02	17739956	17740079	NC_000001.10
cg00179217	6.35E-08	7.19E-09	6.05	9.2930241	1.92E-01	31831340	31831463	NC_000006.11
cg25740565	6.36E-08	7.20E-09	6.05	9.2926886	1.80E-01	200335101	200335224	NC_000002.11
cg22496809	6.36E-08	7.20E-09	6.05	9.2925805	1.46E-01	85472949	85473072	NC_000006.11
cg26196480	6.36E-08	7.20E-09	6.05	9.2920795	1.49E-01	114846347	114846470	NC_000012.11
cg12652641	6.36E-08	7.20E-09	6.05	9.2918607	1.12E-01	111533267	111533390	NC_000004.11
cg22581361	6.36E-08	7.20E-09	6.05	9.2918099	1.19E-01	137819108	137819231	NC_000006.11
cg23057009	6.36E-08	7.20E-09	6.05	9.2917103	1.04E-01	134844217	134844340	NC_000010.10
cg17386093	6.37E-08	7.21E-09	6.05	9.2911137	1.41E-01	168727686	168727809	NC_000005.9
cg07778534	6.37E-08	7.21E-09	6.05	9.2901736	9.16E-02	89601834	89601957	NC_000016.9
cg20094830	6.38E-08	7.22E-09	6.05	9.2891593	1.29E-01	46799845	46799968	NC_000017.10
cg18395355	6.39E-08	7.24E-09	6.05	9.2872136	1.19E-01	46796556	46796679	NC_000017.10
cg12337525	6.40E-08	7.25E-09	6.05	9.2859188	1.40E-01	81185228	81185351	NC_000004.11
cg04212047	6.40E-08	7.25E-09	6.05	9.2853051	9.14E-02	27511179	27511302	NC_000006.11
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cg00910715	6.41E-08	7.26E-09	6.05	9.2843336	8.27E-02	132218639	132218762	NC_000002.11
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cg00982312	6.42E-08	7.27E-09	6.05	9.2819294	1.66E-01	7354422	7354545	NC_000016.9
cg00956244	6.43E-08	7.28E-09	6.05	9.2812062	2.86E-02	88147326	88147449	NC_000016.9
cg09932758	6.43E-08	7.28E-09	6.05	9.2808381	6.51E-02	58022542	58022665	NC_000012.11
cg13845588	6.45E-08	7.30E-09	6.05	9.2781592	4.99E-02	138390647	138390770	NC_000009.11
cg02717251	6.45E-08	7.30E-09	6.05	9.2779049	5.02E-02	31617340	31617463	NC_000006.11
cg21255209	6.45E-08	7.31E-09	6.05	9.2767265	9.03E-02	22201822	22201945	NC_000012.11
cg13096208	6.46E-08	7.32E-09	6.05	9.2761635	1.93E-01	55019843	55019966	NC_000018.9
cg10205548	6.46E-08	7.32E-09	6.05	9.2755793	7.42E-02	18975719	18975842	NC_000001.10
cg23817643	6.47E-08	7.33E-09	6.05	9.2745575	2.38E-02	134164721	134164844	NC_000010.10
cg00573352	6.47E-08	7.33E-09	6.05	9.2744921	3.69E-02	35754300	35754423	NC_000010.10
cg16262173	6.47E-08	7.33E-09	6.05	9.2741794	1.20E-01	120766475	120766598	NC_000012.11
cg14388858	6.47E-08	7.33E-09	6.05	9.2741708	1.37E-01	94285520	94285643	NC_000007.13
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cg26278454	6.47E-08	7.34E-09	6.05	9.2733874	1.06E-01	982623	982746	NC_000020.10
cg26307206	6.48E-08	7.34E-09	6.05	9.2731153	2.37E-02	74306978	74307101	NC_000007.13
cg00370179	6.49E-08	7.36E-09	6.05	9.2710255	1.23E-01	37005074	37005197	NC_000013.10
cg14630357	6.49E-08	7.36E-09	6.05	9.2707914	1.66E-01	154729917	154730040	NC_000002.11
cg14711433	6.49E-08	7.36E-09	6.05	9.2706873	8.71E-02	28585810	28585933	NC_000008.10
cg17622855	6.49E-08	7.36E-09	6.05	9.2705395	1.02E-01	157982358	157982481	NC_000006.11
cg03391776	6.49E-08	7.36E-09	6.05	9.2702714	5.31E-02	7159643	7159766	NC_000006.11
cg18816877	6.50E-08	7.36E-09	6.05	9.2699061	1.49E-01	1202923	1203046	NC_000016.9
cg24315257	6.50E-08	7.37E-09	6.05	9.2695897	5.34E-02	177352093	177352216	NC_000003.11

cg24493834	6.50E-08	7.37E-09	6.05	9.2691986	8.17E-02	129251011	129251134	NC_000006.11
cg14171369	6.50E-08	7.37E-09	6.05	9.2689959	8.26E-02	75447688	75447811	NC_000014.8
cg04922880	6.50E-08	7.37E-09	6.05	9.2687132	7.80E-02	133914287	133914410	NC_000010.10
cg12339834	6.51E-08	7.38E-09	6.05	9.2681606	1.18E-01	2914702	2914825	NC_000005.9
cg15431544	6.51E-08	7.38E-09	6.05	9.267572	1.27E-01	27225476	27225599	NC_000007.13
cg25789916	6.52E-08	7.39E-09	6.05	9.2659415	1.19E-01	74427239	74427362	NC_000015.9
cg18892212	6.52E-08	7.40E-09	6.05	9.2658818	1.22E-01	31499991	31500114	NC_000016.9
cg23346969	6.52E-08	7.40E-09	6.05	9.2657996	1.09E-01	1836719	1836842	NC_000005.9
cg19305527	6.53E-08	7.41E-09	6.05	9.2644973	9.57E-02	225434838	225434961	NC_000002.11
cg23012054	6.53E-08	7.41E-09	6.05	9.2637499	7.93E-02	125325970	125326093	NC_000011.9
cg08570574	6.54E-08	7.41E-09	6.05	9.2633144	8.62E-02	9086309	9086432	NC_000006.11
cg01369895	6.54E-08	7.42E-09	6.05	9.2629759	8.23E-02	177182762	177182885	NC_000003.11
cg11701604	6.54E-08	7.42E-09	6.05	9.2620954	1.02E-01	36095771	36095894	NC_000011.9
cg21123686	6.55E-08	7.43E-09	6.05	9.2610856	1.09E-01	64399755	64399878	NC_000005.9
cg06552356	6.55E-08	7.44E-09	6.05	9.26065	1.68E-01	85674531	85674654	NC_000012.11
cg09661370	6.56E-08	7.44E-09	6.05	9.260021	1.23E-01	27225299	27225422	NC_000007.13
cg07229301	6.56E-08	7.44E-09	6.05	9.2595387	3.29E-02	1487445	1487568	NC_000001.10
cg00477287	6.56E-08	7.45E-09	6.04	9.2586515	2.25E-02	19414441	19414564	NC_000019.9
cg02449694	6.57E-08	7.45E-09	6.04	9.2584839	7.11E-02	74878309	74878432	NC_000017.10
cg09319475	6.57E-08	7.45E-09	6.04	9.2583397	7.85E-02	99587888	99588011	NC_000014.8
cg09224393	6.57E-08	7.46E-09	6.04	9.2576434	7.31E-02	34268920	34269043	NC_000014.8
cg25516803	6.58E-08	7.47E-09	6.04	9.2561399	1.28E-01	42307519	42307642	NC_000003.11
cg04658405	6.59E-08	7.48E-09	6.04	9.2550529	1.23E-01	67443148	67443271	NC_000002.11
cg05701765	6.59E-08	7.48E-09	6.04	9.2542142	6.41E-02	31980052	31980175	NC_000006.11
cg05677041	6.60E-08	7.49E-09	6.04	9.2531681	1.37E-01	119418622	119418745	NC_000012.11

cg16846653	6.60E-08	7.50E-09	6.04	9.2526622	1.94E-01	22094034	22094157	NC_000012.11
cg00006081	6.60E-08	7.50E-09	6.04	9.2525585	1.14E-01	124908907	124909030	NC_000010.10
cg15125994	6.61E-08	7.50E-09	6.04	9.2522294	5.91E-02	61656234	61656357	NC_000017.10
cg00830492	6.61E-08	7.50E-09	6.04	9.2519001	1.45E-01	47432311	47432434	NC_000007.13
cg02135682	6.61E-08	7.51E-09	6.04	9.2509158	4.00E-02	74729465	74729588	NC_000016.9
cg15743907	6.62E-08	7.51E-09	6.04	9.2503346	8.74E-02	144994542	144994665	NC_000001.10
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cg02441149	6.63E-08	7.53E-09	6.04	9.2477169	5.04E-02	107159723	107159846	NC_000013.10
cg21127286	6.64E-08	7.54E-09	6.04	9.2470087	1.36E-01	136555154	136555277	NC_000007.13
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cg10961841	6.66E-08	7.56E-09	6.04	9.2438912	2.17E-01	47697429	47697552	NC_000001.10
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cg04091822	6.66E-08	7.57E-09	6.04	9.243271	1.03E-01	54974287	54974410	NC_000016.9
cg14116509	6.66E-08	7.57E-09	6.04	9.2430588	6.68E-02	48911410	48911533	NC_000017.10
cg06668194	6.66E-08	7.57E-09	6.04	9.2426839	1.56E-01	35165439	35165562	NC_000017.10
cg03038520	6.67E-08	7.58E-09	6.04	9.2414915	5.17E-02	21309710	21309833	NC_000016.9
cg21150108	6.68E-08	7.59E-09	6.04	9.2408689	7.24E-02	34750105	34750228	NC_000013.10
cg08417620	6.68E-08	7.59E-09	6.04	9.2406191	1.53E-01	56013556	56013679	NC_000008.10
cg07810982	6.68E-08	7.59E-09	6.04	9.2402377	2.20E-02	30157765	30157888	NC_000006.11
cg20781421	6.68E-08	7.59E-09	6.04	9.2401956	1.11E-01	11866554	11866677	NC_000011.9



cg04596842	6.68E-08	7.59E-09	6.04	9.240095	6.06E-02	19686670	19686793	NC_000014.8
cg09187933	6.69E-08	7.60E-09	6.04	9.2389851	1.57E-01	127630812	127630935	NC_000012.11
cg27181199	6.69E-08	7.60E-09	6.04	9.2389464	3.47E-02	31945286	31945409	NC_000012.11
cg14358088	6.69E-08	7.61E-09	6.04	9.2384785	1.31E-01	2063957	2064080	NC_000006.11
cg22158462	6.70E-08	7.61E-09	6.04	9.2376688	1.05E-01	208232275	208232398	NC_000001.10
cg00529422	6.70E-08	7.61E-09	6.04	9.237592	2.74E-02	16285251	16285374	NC_000001.10
cg20059140	6.70E-08	7.61E-09	6.04	9.2375156	1.62E-01	11751516	11751639	NC_000018.9
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cg20714110	6.70E-08	7.62E-09	6.04	9.2368714	1.52E-01	137489672	137489795	NC_000003.11
cg05041871	6.71E-08	7.63E-09	6.04	9.2359424	1.32E-01	1732234	1732357	NC_000002.11
cg03102442	6.71E-08	7.63E-09	6.04	9.235347	1.66E-01	125738432	125738555	NC_000008.10
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cg18465615	6.72E-08	7.65E-09	6.04	9.2334218	5.34E-02	40778656	40778779	NC_000015.9
cg13845351	6.72E-08	7.65E-09	6.04	9.2331909	1.03E-01	112073098	112073221	NC_000009.11
cg10294253	6.73E-08	7.65E-09	6.04	9.232848	1.23E-01	30181321	30181444	NC_000015.9
cg25650811	6.73E-08	7.65E-09	6.04	9.2322579	5.43E-02	31557075	31557198	NC_000007.13
cg04568564	6.73E-08	7.66E-09	6.04	9.2319132	1.11E-01	74075336	74075459	NC_000017.10
cg24476761	6.74E-08	7.67E-09	6.04	9.2304121	9.36E-02	51051861	51051984	NC_000019.9
cg19854666	6.75E-08	7.67E-09	6.04	9.2298364	9.07E-02	134797312	134797435	NC_000010.10
cg14182693	6.75E-08	7.68E-09	6.04	9.2292059	6.59E-02	27224189	27224312	NC_000001.10
cg26679785	6.75E-08	7.68E-09	6.04	9.228968	8.77E-02	182922263	182922386	NC_000001.10
cg25535316	6.76E-08	7.69E-09	6.04	9.2277258	9.18E-02	579198	579321	NC_000011.9
cg15909056	6.76E-08	7.70E-09	6.04	9.2268348	1.14E-01	71837175	71837298	NC_000012.11
cg09152866	6.77E-08	7.70E-09	6.04	9.2265859	1.10E-01	11714562	11714685	NC_000006.11

cg06872705	6.77E-08	7.70E-09	6.04	9.2262483	2.12E-01	165205201	165205324	NC_000001.10
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cg17630138	6.77E-08	7.71E-09	6.04	9.2254065	1.18E-01	155031033	155031156	NC_000003.11
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cg14044465	6.78E-08	7.72E-09	6.04	9.2239247	1.19E-01	16875612	16875735	NC_000009.11
cg19867481	6.79E-08	7.72E-09	6.04	9.223353	4.53E-02	1282984	1283107	NC_000005.9
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cg22706610	6.81E-08	7.75E-09	6.04	9.2201232	1.50E-01	59189724	59189847	NC_000005.9
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cg01787382	6.81E-08	7.75E-09	6.04	9.2198064	9.35E-02	169041586	169041709	NC_000003.11
cg11701471	6.81E-08	7.75E-09	6.04	9.2196289	2.18E-01	54164051	54164174	NC_000008.10
cg14059420	6.81E-08	7.76E-09	6.04	9.2193967	1.18E-01	43600495	43600618	NC_000011.9
cg16656826	6.82E-08	7.76E-09	6.04	9.2189385	9.04E-02	159343871	159343994	NC_000005.9
cg02538783	6.82E-08	7.76E-09	6.04	9.2187526	1.24E-01	35102505	35102628	NC_000010.10
cg18012760	6.82E-08	7.76E-09	6.04	9.2187173	1.64E-01	6449577	6449700	NC_000005.9
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cg01522083	6.83E-08	7.78E-09	6.04	9.2167021	8.54E-02	1400861	1400984	NC_000016.9
cg19861117	6.84E-08	7.79E-09	6.04	9.2146962	1.30E-01	46456325	46456448	NC_000019.9
cg16758813	6.85E-08	7.80E-09	6.04	9.2136209	1.37E-01	50818862	50818985	NC_000006.11
cg09478742	6.85E-08	7.81E-09	6.04	9.2130205	1.85E-01	43973311	43973434	NC_000017.10
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cg17662683	6.86E-08	7.81E-09	6.04	9.2120976	1.20E-01	32064146	32064269	NC_000006.11

cg10604476	6.87E-08	7.82E-09	6.04	9.2113272	1.64E-01	10403908	10404031	NC_000019.9
cg17093795	6.87E-08	7.83E-09	6.04	9.210231	1.33E-01	56887410	56887533	NC_000018.9
cg11220245	6.87E-08	7.83E-09	6.04	9.2101957	1.00E-01	26189665	26189788	NC_000020.10
cg23704517	6.88E-08	7.84E-09	6.04	9.2091085	1.54E-01	109147317	109147440	NC_000013.10
cg03298073	6.88E-08	7.84E-09	6.04	9.2090885	7.50E-02	209404846	209404969	NC_000001.10
cg15145341	6.88E-08	7.84E-09	6.04	9.209005	1.38E-01	25506340	25506463	NC_000013.10
cg04100532	6.88E-08	7.84E-09	6.04	9.2089672	1.88E-01	210636560	210636683	NC_000002.11
cg27663938	6.88E-08	7.84E-09	6.04	9.2087695	1.68E-01	103696381	103696504	NC_000012.11
cg10904699	6.89E-08	7.85E-09	6.03	9.2071166	1.75E-01	123301490	123301613	NC_000011.9
cg26495109	6.89E-08	7.86E-09	6.03	9.2066453	1.47E-01	56225952	56226075	NC_000016.9
cg20706049	6.90E-08	7.86E-09	6.03	9.2064555	1.01E-01	110026630	110026753	NC_000002.11
cg06182410	6.90E-08	7.87E-09	6.03	9.2054775	2.34E-02	67269519	67269642	NC_000011.9
cg03587042	6.90E-08	7.87E-09	6.03	9.2053566	6.99E-02	18689035	18689158	NC_000010.10
cg17124583	6.91E-08	7.87E-09	6.03	9.204971	8.78E-02	8097641	8097764	NC_000010.10
cg25535587	6.91E-08	7.87E-09	6.03	9.204944	2.41E-01	82116456	82116579	NC_000010.10
cg06374962	6.92E-08	7.89E-09	6.03	9.2026025	1.70E-01	111531926	111532049	NC_000004.11
cg21056723	6.92E-08	7.89E-09	6.03	9.202204	1.07E-01	56686117	56686240	NC_000004.11
cg18448581	6.92E-08	7.89E-09	6.03	9.202123	1.60E-01	70534767	70534890	NC_000018.9
cg15209029	6.93E-08	7.90E-09	6.03	9.2011528	7.88E-02	9982553	9982676	NC_000001.10
cg10379890	6.94E-08	7.91E-09	6.03	9.2001753	1.72E-01	391208	391331	NC_000006.11
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cg15957017	6.95E-08	7.93E-09	6.03	9.197733	1.13E-02	71571214	71571337	NC_000004.11
cg04123385	6.96E-08	7.94E-09	6.03	9.1961554	1.32E-01	37302636	37302759	NC_000020.10

cg24525176	6.96E-08	7.94E-09	6.03	9.1960202	1.17E-01	47909931	47910054	NC_000001.10
cg08062713	6.97E-08	7.95E-09	6.03	9.1954664	4.61E-02	34022008	34022131	NC_000020.10
cg01849466	6.97E-08	7.95E-09	6.03	9.1951571	2.33E-02	104193079	104193202	NC_000014.8
cg20643029	6.97E-08	7.95E-09	6.03	9.1950332	1.15E-01	37915044	37915167	NC_000021.8
cg18836844	6.97E-08	7.95E-09	6.03	9.194818	1.07E-01	998428	998551	NC_000008.10
cg05648629	6.97E-08	7.95E-09	6.03	9.194749	1.44E-01	4162203	4162326	NC_000016.9
cg26611765	6.97E-08	7.96E-09	6.03	9.1944806	1.44E-01	27199916	27200039	NC_000007.13
cg07368727	6.98E-08	7.96E-09	6.03	9.1941058	5.67E-02	88732672	88732795	NC_000004.11
cg10895875	6.99E-08	7.97E-09	6.03	9.1924468	1.15E-01	56242407	56242530	NC_000007.13
cg03740025	6.99E-08	7.97E-09	6.03	9.1922588	5.26E-02	127340829	127340952	NC_000007.13
cg21367187	6.99E-08	7.98E-09	6.03	9.1917577	1.01E-01	42744457	42744580	NC_000020.10
cg09222749	6.99E-08	7.98E-09	6.03	9.1917448	1.70E-01	75594053	75594176	NC_000001.10
cg11642382	7.00E-08	7.99E-09	6.03	9.1905585	1.69E-01	145813066	145813189	NC_000007.13
cg27355724	7.01E-08	8.00E-09	6.03	9.1890286	1.49E-01	2757457	2757580	NC_000005.9
cg22324487	7.01E-08	8.00E-09	6.03	9.1887446	4.30E-02	113816832	113816955	NC_000002.11
cg11667020	7.01E-08	8.00E-09	6.03	9.1887009	1.40E-01	21378045	21378168	NC_000020.10
cg20247455	7.02E-08	8.01E-09	6.03	9.1882263	6.73E-02	49579793	49579916	NC_000022.10
cg16339915	7.02E-08	8.01E-09	6.03	9.1880779	6.71E-02	134785391	134785514	NC_000005.9
cg12525474	7.02E-08	8.01E-09	6.03	9.1876898	1.74E-01	229046029	229046152	NC_000002.11
cg10245879	7.03E-08	8.02E-09	6.03	9.1865189	1.38E-01	98247758	98247881	NC_000007.13
cg23104184	7.03E-08	8.02E-09	6.03	9.1861105	9.49E-02	73437334	73437457	NC_000010.10
cg01241721	7.04E-08	8.03E-09	6.03	9.1853414	1.67E-01	143532012	143532135	NC_000008.10
cg13291283	7.04E-08	8.03E-09	6.03	9.1851574	1.40E-01	10101195	10101318	NC_000017.10
cg00481725	7.05E-08	8.05E-09	6.03	9.1830756	1.06E-01	98648111	98648234	NC_000015.9
cg19267596	7.05E-08	8.05E-09	6.03	9.1830386	1.68E-01	15334821	15334944	NC_000019.9

cg12530050	7.06E-08	8.06E-09	6.03	9.1813003	1.90E-01	115121354	115121477	NC_000012.11
cg25912023	7.07E-08	8.07E-09	6.03	9.1804608	8.31E-02	101801902	101802025	NC_000002.11
cg02976900	7.07E-08	8.08E-09	6.03	9.1797239	6.43E-02	77152474	77152597	NC_000018.9
cg22750254	7.08E-08	8.08E-09	6.03	9.1790432	2.07E-01	13043421	13043544	NC_000010.10
cg26927285	7.08E-08	8.09E-09	6.03	9.1781703	1.73E-02	46280688	46280811	NC_000019.9
cg21215218	7.09E-08	8.09E-09	6.03	9.1776481	6.99E-02	19011172	19011295	NC_000001.10
cg08514436	7.10E-08	8.11E-09	6.03	9.1763893	1.23E-01	185221104	185221227	NC_000003.11
cg08553601	7.10E-08	8.11E-09	6.03	9.1762992	1.13E-01	53729461	53729584	NC_000004.11
cg19088924	7.10E-08	8.11E-09	6.03	9.1761814	7.01E-02	78233699	78233822	NC_000003.11
cg15910594	7.11E-08	8.12E-09	6.03	9.1746945	8.08E-02	68747554	68747677	NC_000011.9
cg07859951	7.12E-08	8.13E-09	6.03	9.1730051	4.03E-02	110871748	110871871	NC_000006.11
cg18546622	7.12E-08	8.14E-09	6.03	9.1725786	1.43E-01	44325029	44325152	NC_000011.9
cg02644784	7.13E-08	8.14E-09	6.03	9.1717611	5.87E-02	10665926	10666049	NC_000002.11
cg18277979	7.14E-08	8.15E-09	6.03	9.1704593	1.38E-01	79630127	79630250	NC_000009.11
cg18186478	7.14E-08	8.15E-09	6.03	9.1704051	7.16E-02	23423960	23424083	NC_000008.10
cg00949661	7.15E-08	8.17E-09	6.03	9.168922	8.55E-02	50214496	50214619	NC_000020.10
cg22302929	7.15E-08	8.17E-09	6.03	9.1682569	1.35E-01	28554373	28554496	NC_000006.11
cg13698691	7.15E-08	8.17E-09	6.03	9.1682418	1.27E-01	32064660	32064783	NC_000006.11
cg20526432	7.15E-08	8.17E-09	6.03	9.1682098	4.46E-02	123925357	123925480	NC_000012.11
cg03543448	7.16E-08	8.18E-09	6.03	9.1675888	6.21E-02	4384967	4385090	NC_000016.9
cg08832069	7.16E-08	8.18E-09	6.03	9.1675779	1.01E-01	57387511	57387634	NC_000010.10
cg15479068	7.17E-08	8.20E-09	6.03	9.165472	1.53E-01	33454444	33454567	NC_000022.10
cg01014615	7.18E-08	8.21E-09	6.03	9.1642324	1.34E-01	177027621	177027744	NC_000002.11
cg06354392	7.18E-08	8.21E-09	6.03	9.1634889	1.68E-01	176970064	176970187	NC_000002.11
cg24029082	7.18E-08	8.21E-09	6.03	9.163409	8.61E-02	32057311	32057434	NC_000006.11

cg18596636	7.19E-08	8.22E-09	6.03	9.1630509	6.74E-02	26915732	26915855	NC_000015.9
cg15674193	7.19E-08	8.22E-09	6.03	9.1625779	2.15E-01	238535910	238536033	NC_000002.11
cg16742090	7.19E-08	8.23E-09	6.03	9.1619169	5.73E-02	55067650	55067773	NC_000016.9
cg24361385	7.19E-08	8.23E-09	6.03	9.1619028	1.29E-01	27164709	27164832	NC_000007.13
cg15098957	7.20E-08	8.24E-09	6.03	9.1607389	1.07E-01	39962116	39962239	NC_000019.9
cg26777729	7.20E-08	8.24E-09	6.03	9.1605299	1.60E-01	153840536	153840659	NC_000003.11
cg04553309	7.20E-08	8.24E-09	6.03	9.1604691	3.36E-02	17279609	17279732	NC_000019.9
cg25561382	7.21E-08	8.25E-09	6.03	9.1593055	9.34E-02	18795207	18795330	NC_000019.9
cg02862505	7.23E-08	8.27E-09	6.03	9.1571853	1.66E-01	114939167	114939290	NC_000012.11
cg15165122	7.24E-08	8.28E-09	6.02	9.1552139	1.54E-01	71206291	71206414	NC_000002.11
cg10056356	7.25E-08	8.29E-09	6.02	9.1538688	1.49E-01	144621898	144622021	NC_000004.11
cg17588585	7.28E-08	8.32E-09	6.02	9.1502908	5.80E-02	62574200	62574323	NC_000007.13
cg09674215	7.28E-08	8.33E-09	6.02	9.1491146	1.38E-01	19158134	19158257	NC_000007.13
cg16885511	7.29E-08	8.34E-09	6.02	9.1485628	4.63E-02	39502836	39502959	NC_000017.10
cg05950572	7.29E-08	8.34E-09	6.02	9.148066	1.20E-01	14004854	14004977	NC_000011.9
cg04807567	7.29E-08	8.34E-09	6.02	9.1479833	5.11E-02	171381284	171381407	NC_000002.11
cg03193589	7.31E-08	8.37E-09	6.02	9.1454483	1.49E-01	14864757	14864880	NC_000003.11
cg19563158	7.31E-08	8.37E-09	6.02	9.1451879	1.01E-01	112284205	112284328	NC_000012.11
cg11594452	7.31E-08	8.37E-09	6.02	9.144973	1.11E-01	29778415	29778538	NC_000022.10
cg00384632	7.32E-08	8.37E-09	6.02	9.1445492	3.90E-02	2194791	2194914	NC_000007.13
cg21783371	7.32E-08	8.38E-09	6.02	9.1441667	2.46E-02	23865706	23865829	NC_000002.11
cg02482624	7.33E-08	8.39E-09	6.02	9.1425963	3.04E-02	162186347	162186470	NC_000001.10
cg22736956	7.33E-08	8.39E-09	6.02	9.1421564	3.87E-02	64893575	64893698	NC_000011.9
cg11165752	7.33E-08	8.40E-09	6.02	9.1418943	1.17E-01	27198189	27198312	NC_000007.13
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cg15119027	7.35E-08	8.42E-09	6.02	9.1396669	1.77E-01	69634363	69634486	NC_000011.9
cg04244354	7.36E-08	8.43E-09	6.02	9.1385509	1.26E-01	25908279	25908402	NC_000008.10
cg18299578	7.36E-08	8.43E-09	6.02	9.1383005	1.12E-01	29235928	29236051	NC_000014.8
cg10857558	7.36E-08	8.43E-09	6.02	9.1379412	1.52E-01	90035421	90035544	NC_000004.11
cg13900008	7.37E-08	8.44E-09	6.02	9.136877	7.22E-02	49298580	49298703	NC_000022.10
cg23104439	7.37E-08	8.44E-09	6.02	9.1365478	3.70E-02	54412780	54412903	NC_000014.8
cg26458072	7.37E-08	8.45E-09	6.02	9.1361992	1.07E-01	102279694	102279817	NC_000010.10
cg10277651	7.38E-08	8.45E-09	6.02	9.1352594	1.73E-01	623361	623484	NC_000020.10
cg24237500	7.38E-08	8.45E-09	6.02	9.1352074	1.03E-01	157065152	157065275	NC_000007.13
cg27200833	7.39E-08	8.46E-09	6.02	9.1343358	1.12E-01	74421909	74422032	NC_000015.9
cg00252616	7.39E-08	8.46E-09	6.02	9.1342143	3.73E-02	698303	698426	NC_000004.11
cg15613292	7.39E-08	8.47E-09	6.02	9.1339581	5.56E-02	232481541	232481664	NC_000002.11
cg09284066	7.40E-08	8.47E-09	6.02	9.1331869	1.15E-01	25892407	25892530	NC_000007.13
cg03534031	7.40E-08	8.47E-09	6.02	9.1331353	1.06E-01	139139105	139139228	NC_000005.9
cg01452189	7.40E-08	8.48E-09	6.02	9.1319418	2.91E-02	25189426	25189549	NC_000016.9
cg03885264	7.41E-08	8.49E-09	6.02	9.1311725	3.03E-02	73275316	73275439	NC_000007.13
cg19851416	7.42E-08	8.50E-09	6.02	9.1299797	6.61E-02	102095578	102095701	NC_000008.10
cg16701124	7.42E-08	8.50E-09	6.02	9.1295332	1.24E-01	115406970	115407093	NC_000004.11
cg07461072	7.43E-08	8.51E-09	6.02	9.1288004	1.05E-01	28073940	28074063	NC_000016.9
cg22906273	7.44E-08	8.52E-09	6.02	9.127404	1.23E-01	21686253	21686376	NC_000020.10
cg13223402	7.44E-08	8.52E-09	6.02	9.1271327	1.45E-01	47797133	47797256	NC_000002.11
cg13231131	7.45E-08	8.53E-09	6.02	9.1261061	8.51E-02	167085220	167085343	NC_000001.10
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cg10172669	7.45E-08	8.54E-09	6.02	9.1257321	1.53E-01	42154840	42154963	NC_000004.11
cg22405226	7.45E-08	8.54E-09	6.02	9.1256134	5.15E-02	82616606	82616729	NC_000006.11

cg05099196	7.45E-08	8.54E-09	6.02	9.1255669	5.76E-02	16144282	16144405	NC_000019.9
cg16292773	7.45E-08	8.54E-09	6.02	9.1251462	4.29E-02	66211550	66211673	NC_000012.11
cg07315858	7.45E-08	8.55E-09	6.02	9.1247259	1.12E-01	13934368	13934491	NC_000010.10
cg12360046	7.46E-08	8.55E-09	6.02	9.1242289	7.36E-02	15568511	15568634	NC_000019.9
cg21027599	7.46E-08	8.56E-09	6.02	9.1235869	8.95E-02	159639549	159639672	NC_000006.11
cg04592505	7.46E-08	8.56E-09	6.02	9.1233379	7.08E-02	129828720	129828843	NC_000010.10
cg03506640	7.47E-08	8.56E-09	6.02	9.1228183	1.82E-01	85997753	85997876	NC_000014.8
cg13154413	7.47E-08	8.57E-09	6.02	9.1220109	1.05E-01	104195181	104195304	NC_000014.8
cg03605542	7.47E-08	8.57E-09	6.02	9.1220025	1.08E-01	59929339	59929462	NC_000005.9
cg18760621	7.50E-08	8.60E-09	6.02	9.1190643	1.99E-01	158083299	158083422	NC_000001.10
cg16983282	7.50E-08	8.60E-09	6.02	9.1186361	1.02E-01	9871831	9871954	NC_000017.10
cg17794299	7.50E-08	8.60E-09	6.02	9.1184565	2.37E-01	623187	623310	NC_000020.10
cg05016408	7.51E-08	8.61E-09	6.02	9.1176627	1.74E-01	150326174	150326297	NC_000005.9
cg20950011	7.51E-08	8.61E-09	6.02	9.1170387	1.51E-01	12254377	12254500	NC_000018.9
cg24767540	7.51E-08	8.62E-09	6.02	9.1166473	1.61E-01	102985714	102985837	NC_000010.10
cg05438320	7.51E-08	8.62E-09	6.02	9.116602	1.60E-01	25746120	25746243	NC_000013.10
cg02780988	7.53E-08	8.64E-09	6.02	9.1144776	5.07E-02	39646994	39647117	NC_000017.10
cg19292625	7.53E-08	8.64E-09	6.02	9.1138688	6.28E-02	105951315	105951438	NC_000011.9
cg09656389	7.54E-08	8.64E-09	6.02	9.1134588	1.12E-01	31839790	31839913	NC_000011.9
cg00223767	7.54E-08	8.65E-09	6.02	9.1132763	9.71E-02	75831715	75831838	NC_000011.9
cg22901664	7.55E-08	8.67E-09	6.02	9.1109577	3.39E-02	76005319	76005442	NC_000007.13
cg17804723	7.57E-08	8.68E-09	6.02	9.1093564	7.07E-02	114300030	114300153	NC_000002.11
cg16948082	7.57E-08	8.69E-09	6.02	9.1088965	2.33E-02	239197356	239197479	NC_000002.11
cg03072003	7.57E-08	8.69E-09	6.02	9.1084005	4.46E-02	133767993	133768116	NC_000010.10
cg06894687	7.58E-08	8.69E-09	6.02	9.1081301	1.50E-01	180123317	180123440	NC_000001.10



cg06498267	7.58E-08	8.70E-09	6.02	9.1072772	1.39E-01	45695922	45696045	NC_000005.9
cg10709432	7.59E-08	8.71E-09	6.02	9.1066526	2.46E-02	3361130	3361253	NC_000001.10
cg12539917	7.59E-08	8.71E-09	6.02	9.1060399	1.03E-01	48896415	48896538	NC_000022.10
cg24907075	7.60E-08	8.73E-09	6.01	9.1041558	9.15E-02	12515481	12515604	NC_000019.9
cg06478102	7.61E-08	8.73E-09	6.01	9.1036831	8.82E-02	73992274	73992397	NC_000015.9
cg00228118	7.62E-08	8.75E-09	6.01	9.1015476	2.06E-02	110478622	110478745	NC_000009.11
cg20034792	7.63E-08	8.75E-09	6.01	9.1014467	1.94E-01	29521781	29521904	NC_000006.11
cg27656658	7.63E-08	8.75E-09	6.01	9.1013608	1.55E-01	46628224	46628347	NC_000017.10
cg27586207	7.64E-08	8.77E-09	6.01	9.099869	7.96E-02	153666106	153666229	NC_000001.10
cg00735454	7.64E-08	8.77E-09	6.01	9.099677	1.06E-01	44595496	44595619	NC_000013.10
cg00718541	7.65E-08	8.78E-09	6.01	9.0987468	3.21E-02	2336855	2336978	NC_000016.9
cg17398677	7.65E-08	8.78E-09	6.01	9.0982181	1.04E-01	21376921	21377044	NC_000020.10
cg04469219	7.65E-08	8.78E-09	6.01	9.0981528	1.83E-01	112760929	112761052	NC_000013.10
cg17596731	7.65E-08	8.78E-09	6.01	9.0981499	4.77E-02	1726243	1726366	NC_000005.9
cg18220666	7.65E-08	8.78E-09	6.01	9.0979672	7.11E-02	75252994	75253117	NC_000004.11
cg23754320	7.65E-08	8.79E-09	6.01	9.0974528	1.39E-01	115135138	115135261	NC_000012.11
cg00221096	7.66E-08	8.79E-09	6.01	9.0969925	3.55E-02	67312052	67312175	NC_000017.10
cg24828975	7.66E-08	8.79E-09	6.01	9.0968759	4.44E-02	50422380	50422503	NC_000012.11
cg04503600	7.66E-08	8.79E-09	6.01	9.0968111	1.29E-01	140798188	140798311	NC_000005.9
cg27538091	7.66E-08	8.79E-09	6.01	9.0966896	6.61E-02	31246042	31246165	NC_000001.10
cg02543075	7.67E-08	8.81E-09	6.01	9.0950797	1.53E-01	217236425	217236548	NC_000002.11
cg16043635	7.67E-08	8.81E-09	6.01	9.0949464	6.30E-02	3416414	3416537	NC_000001.10
cg12625139	7.67E-08	8.81E-09	6.01	9.0948437	6.34E-02	160426951	160427074	NC_000006.11
cg17987176	7.67E-08	8.81E-09	6.01	9.0946488	1.75E-01	181452839	181452962	NC_000001.10
cg24729378	7.68E-08	8.82E-09	6.01	9.0937697	1.19E-01	43609431	43609554	NC_000001.10

cg16611005	7.68E-08	8.82E-09	6.01	9.0936869	1.76E-01	60296169	60296292	NC_000015.9
cg07503630	7.69E-08	8.83E-09	6.01	9.0932048	8.29E-02	233351564	233351687	NC_000002.11
cg20307885	7.69E-08	8.83E-09	6.01	9.0931076	1.26E-01	27130090	27130213	NC_000007.13
cg22332910	7.69E-08	8.83E-09	6.01	9.0929571	1.31E-01	35641226	35641349	NC_000011.9
cg16639692	7.69E-08	8.84E-09	6.01	9.0920587	1.14E-01	43037666	43037789	NC_000005.9
cg06149302	7.69E-08	8.84E-09	6.01	9.0920069	1.75E-01	134147143	134147266	NC_000011.9
cg21109744	7.70E-08	8.84E-09	6.01	9.0915952	1.22E-01	126113743	126113866	NC_000003.11
cg09321747	7.70E-08	8.85E-09	6.01	9.0904507	1.41E-01	23821445	23821568	NC_000014.8
cg25393388	7.70E-08	8.85E-09	6.01	9.0904267	5.89E-02	30454518	30454641	NC_000006.11
cg21004042	7.71E-08	8.86E-09	6.01	9.0896183	1.32E-01	70033902	70034025	NC_000001.10
cg10555583	7.72E-08	8.87E-09	6.01	9.0887794	1.65E-01	1784276	1784399	NC_000020.10
cg04051335	7.73E-08	8.88E-09	6.01	9.0876784	9.37E-02	150157442	150157565	NC_000005.9
cg07162905	7.73E-08	8.88E-09	6.01	9.0876346	1.40E-02	28887928	28888051	NC_000006.11
cg04267765	7.74E-08	8.89E-09	6.01	9.0861175	1.00E-01	95390267	95390390	NC_000001.10
cg06755825	7.74E-08	8.90E-09	6.01	9.0853487	1.20E-01	96959633	96959756	NC_000015.9
cg16036584	7.75E-08	8.90E-09	6.01	9.0850066	7.56E-02	102198453	102198576	NC_000005.9
cg16824901	7.75E-08	8.91E-09	6.01	9.0844334	6.46E-02	11302243	11302366	NC_000008.10
cg11423909	7.75E-08	8.91E-09	6.01	9.084147	1.04E-01	126010451	126010574	NC_000003.11
cg27119919	7.75E-08	8.91E-09	6.01	9.0839907	9.64E-02	60684332	60684455	NC_000011.9
cg06330055	7.75E-08	8.91E-09	6.01	9.0837271	4.21E-02	129564162	129564285	NC_000011.9
cg22875872	7.75E-08	8.91E-09	6.01	9.0836773	1.97E-01	44031756	44031879	NC_000001.10
cg11331739	7.78E-08	8.94E-09	6.01	9.0807262	6.76E-02	53734538	53734661	NC_000004.11
cg21729992	7.79E-08	8.95E-09	6.01	9.0791306	1.45E-01	55200370	55200493	NC_000020.10
cg16424078	7.79E-08	8.96E-09	6.01	9.0786249	1.45E-01	1384705	1384828	NC_000006.11
cg17285663	7.80E-08	8.96E-09	6.01	9.0782296	1.76E-01	43597210	43597333	NC_000011.9

cg10694727	7.80E-08	8.96E-09	6.01	9.078193	9.35E-02	143666890	143667013	NC_000008.10
cg11140305	7.80E-08	8.97E-09	6.01	9.0773986	3.28E-02	249106302	249106425	NC_000001.10
cg06243965	7.80E-08	8.97E-09	6.01	9.0771346	3.46E-02	2120669	2120792	NC_000016.9
cg24586758	7.81E-08	8.98E-09	6.01	9.0758754	1.34E-01	140480200	140480323	NC_000005.9
cg02227623	7.81E-08	8.99E-09	6.01	9.0755368	1.09E-01	79739918	79740041	NC_000002.11
cg06073351	7.81E-08	8.99E-09	6.01	9.0754977	1.28E-01	22625665	22625788	NC_000010.10
cg14424407	7.83E-08	9.01E-09	6.01	9.0732645	9.80E-02	36734838	36734961	NC_000017.10
cg11507713	7.83E-08	9.01E-09	6.01	9.0732054	7.62E-02	10180530	10180653	NC_000017.10
cg03126579	7.84E-08	9.02E-09	6.01	9.0724123	1.82E-01	3822189	3822312	NC_000019.9
cg24427504	7.85E-08	9.03E-09	6.01	9.0707771	1.32E-01	133481520	133481643	NC_000012.11
cg01715455	7.86E-08	9.04E-09	6.01	9.0701302	1.43E-01	25062827	25062950	NC_000020.10
cg22796509	7.86E-08	9.04E-09	6.01	9.0699306	1.06E-01	147110295	147110418	NC_000003.11
cg13842240	7.86E-08	9.04E-09	6.01	9.0698117	1.04E-01	13539213	13539336	NC_000004.11
cg22616430	7.86E-08	9.04E-09	6.01	9.0697856	8.19E-02	31759728	31759851	NC_000006.11
cg19617741	7.86E-08	9.04E-09	6.01	9.0692971	8.72E-02	217454810	217454933	NC_000002.11
cg11155356	7.87E-08	9.06E-09	6.01	9.0676882	7.16E-02	134114892	134115015	NC_000008.10
cg01749500	7.88E-08	9.07E-09	6.01	9.0669066	6.41E-02	68027075	68027198	NC_000016.9
cg23241473	7.89E-08	9.08E-09	6.01	9.06534	8.36E-02	58507227	58507350	NC_000020.10
cg24521756	7.89E-08	9.08E-09	6.01	9.0650703	8.54E-02	96912739	96912862	NC_000015.9
cg16409039	7.91E-08	9.10E-09	6.01	9.0633767	1.28E-01	101841526	101841649	NC_000010.10
cg22934849	7.91E-08	9.10E-09	6.01	9.0632586	1.06E-01	149066130	149066253	NC_000006.11
cg00173063	7.91E-08	9.11E-09	6.01	9.0627517	6.08E-02	144442437	144442560	NC_000008.10
cg16564135	7.92E-08	9.11E-09	6.01	9.0619174	7.95E-02	122628959	122629082	NC_000011.9
cg00178249	7.92E-08	9.12E-09	6.01	9.0610071	1.42E-01	77589908	77590031	NC_000008.10
cg24170248	7.92E-08	9.12E-09	6.01	9.0609984	1.12E-01	56015067	56015190	NC_000019.9

cg07787240	7.92E-08	9.12E-09	6.01	9.0609856	1.04E-01	9130576	9130699	NC_000001.10
cg01169610	7.92E-08	9.12E-09	6.01	9.0608795	4.93E-02	99135471	99135594	NC_000002.11
cg20751361	7.93E-08	9.13E-09	6.01	9.0597967	1.77E-01	37493945	37494068	NC_000003.11
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cg22778503	7.94E-08	9.14E-09	6.01	9.0590503	8.05E-02	106857188	106857311	NC_000014.8
cg12932211	7.94E-08	9.14E-09	6.01	9.0589827	6.92E-02	156351010	156351133	NC_000005.9
cg24291461	7.94E-08	9.14E-09	6.01	9.058753	3.28E-02	102749544	102749667	NC_000010.10
cg02865068	7.94E-08	9.14E-09	6.01	9.0586714	1.03E-01	31848347	31848470	NC_000011.9
cg14091372	7.95E-08	9.15E-09	6.01	9.0578177	7.48E-02	80339751	80339874	NC_000005.9
cg00387200	7.96E-08	9.17E-09	6.01	9.0561905	5.91E-02	123442326	123442449	NC_000010.10
cg20436810	7.97E-08	9.18E-09	6.01	9.0552616	5.21E-02	48616351	48616474	NC_000003.11
cg19738283	7.98E-08	9.19E-09	6	9.0542455	1.53E-01	176976802	176976925	NC_000002.11
cg10962524	7.98E-08	9.20E-09	6	9.0531299	1.13E-01	83017009	83017132	NC_000005.9
cg21196860	7.99E-08	9.20E-09	6	9.0529927	8.27E-02	71431796	71431919	NC_000017.10
cg24485284	7.99E-08	9.20E-09	6	9.0523788	3.96E-02	30358536	30358659	NC_000011.9
cg13326048	7.99E-08	9.20E-09	6	9.052235	1.53E-01	28641863	28641986	NC_000006.11
cg17100528	7.99E-08	9.21E-09	6	9.0521506	4.20E-02	72099912	72100035	NC_000015.9
cg00885843	7.99E-08	9.21E-09	6	9.0521091	6.23E-02	131058072	131058195	NC_000002.11
cg07885289	8.00E-08	9.22E-09	6	9.0505136	1.43E-01	35294595	35294718	NC_000017.10
cg03766620	8.01E-08	9.22E-09	6	9.0504052	1.70E-01	127783082	127783205	NC_000002.11
cg10932086	8.01E-08	9.22E-09	6	9.0500648	4.70E-02	90041348	90041471	NC_000014.8
cg13750214	8.02E-08	9.24E-09	6	9.0487125	7.47E-02	1302619	1302742	NC_000019.9
cg18235734	8.02E-08	9.24E-09	6	9.0484863	1.11E-01	91301731	91301854	NC_000001.10
cg13206017	8.02E-08	9.24E-09	6	9.0482655	1.68E-01	187388225	187388348	NC_000003.11
cg17626385	8.03E-08	9.25E-09	6	9.0477203	8.55E-02	30909928	30910051	NC_000006.11

cg20339230	8.03E-08	9.25E-09	6	9.0473499	1.58E-01	92937360	92937483	NC_000015.9
cg18295744	8.03E-08	9.26E-09	6	9.046828	1.13E-01	80872926	80873049	NC_000010.10
cg18803104	8.03E-08	9.26E-09	6	9.0465934	1.97E-01	28956324	28956447	NC_000006.11
cg26422059	8.04E-08	9.26E-09	6	9.0460699	1.68E-01	237146110	237146233	NC_000002.11
cg26564172	8.04E-08	9.27E-09	6	9.0454746	9.99E-02	183728338	183728461	NC_000001.10
cg21359747	8.05E-08	9.28E-09	6	9.0443061	1.75E-01	101420636	101420759	NC_000015.9
cg14732998	8.05E-08	9.28E-09	6	9.0438504	2.27E-01	37997831	37997954	NC_000019.9
cg06652523	8.06E-08	9.29E-09	6	9.0433532	1.03E-01	57352723	57352846	NC_000019.9
cg13640145	8.06E-08	9.29E-09	6	9.0431457	1.42E-01	122685651	122685774	NC_000004.11
cg06785712	8.06E-08	9.29E-09	6	9.0430579	3.58E-02	86888624	86888747	NC_000001.10
cg04789125	8.06E-08	9.29E-09	6	9.0428476	6.91E-02	242798512	242798635	NC_000002.11
cg01612532	8.06E-08	9.30E-09	6	9.0426427	5.40E-02	23312026	23312149	NC_000015.9
cg25927375	8.06E-08	9.30E-09	6	9.0424814	7.14E-02	126294752	126294875	NC_000011.9
cg20815297	8.07E-08	9.30E-09	6	9.042142	8.69E-02	13541663	13541786	NC_000004.11
cg18973642	8.07E-08	9.30E-09	6	9.0416987	1.06E-01	92888042	92888165	NC_000015.9
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cg19355079	8.08E-08	9.32E-09	6	9.0402501	1.40E-01	23253218	23253341	NC_000019.9
cg02365360	8.08E-08	9.32E-09	6	9.0402347	1.09E-01	84455525	84455648	NC_000013.10
cg03380512	8.09E-08	9.32E-09	6	9.0395808	2.83E-02	107960476	107960599	NC_000006.11
cg27665327	8.11E-08	9.35E-09	6	9.0371382	7.51E-02	80866134	80866257	NC_000015.9
cg13988052	8.11E-08	9.35E-09	6	9.0370987	9.05E-02	83792237	83792360	NC_000007.13
cg16105687	8.11E-08	9.36E-09	6	9.0360485	1.32E-01	22805801	22805924	NC_000019.9
cg19248676	8.12E-08	9.37E-09	6	9.0348495	1.31E-01	115135926	115136049	NC_000012.11
cg26265820	8.13E-08	9.38E-09	6	9.0339547	3.05E-02	32825148	32825271	NC_000006.11
cg23085662	8.14E-08	9.39E-09	6	9.0330742	1.15E-01	59000860	59000983	NC_000018.9

cg01607569	8.15E-08	9.40E-09	6	9.0319843	3.40E-02	48696613	48696736	NC_000003.11
cg15947910	8.15E-08	9.40E-09	6	9.0318682	1.21E-01	55708795	55708918	NC_000004.11
cg06523022	8.16E-08	9.41E-09	6	9.03014	1.32E-01	86541766	86541889	NC_000016.9
cg14116463	8.16E-08	9.42E-09	6	9.0300215	9.85E-02	63641507	63641630	NC_000007.13
cg18121713	8.17E-08	9.43E-09	6	9.0287437	1.10E-01	17738759	17738882	NC_000002.11
cg20875427	8.17E-08	9.43E-09	6	9.0284498	1.35E-01	152585111	152585234	NC_000002.11
cg07788437	8.18E-08	9.44E-09	6	9.0275033	1.06E-01	1799952	1800075	NC_000019.9
cg03719793	8.19E-08	9.45E-09	6	9.0264251	9.66E-02	4557632	4557755	NC_000005.9
cg18729130	8.20E-08	9.46E-09	6	9.0255196	1.75E-02	66434530	66434653	NC_000003.11
cg27110886	8.20E-08	9.47E-09	6	9.0248596	9.23E-02	99734912	99735035	NC_000010.10
cg00025663	8.20E-08	9.47E-09	6	9.0247435	9.78E-02	10827685	10827808	NC_000002.11
cg01498609	8.21E-08	9.47E-09	6	9.0242219	1.95E-01	28733661	28733784	NC_000006.11
cg00862116	8.21E-08	9.48E-09	6	9.0238111	2.10E-01	87230344	87230467	NC_000007.13
cg11944933	8.21E-08	9.48E-09	6	9.0231415	5.72E-02	11320112	11320235	NC_000008.10
cg24318598	8.22E-08	9.49E-09	6	9.0228793	2.58E-02	70034186	70034309	NC_000011.9
cg19511590	8.22E-08	9.49E-09	6	9.022333	1.62E-01	51143207	51143330	NC_000019.9
cg10505024	8.23E-08	9.50E-09	6	9.0215881	9.22E-02	10602877	10603000	NC_000019.9
cg26672159	8.23E-08	9.50E-09	6	9.0213723	9.51E-02	30579650	30579773	NC_000006.11
cg14874337	8.23E-08	9.50E-09	6	9.0209212	1.05E-01	38864187	38864310	NC_000019.9
cg09252999	8.24E-08	9.51E-09	6	9.0198604	2.12E-01	31837429	31837552	NC_000011.9
cg17618987	8.26E-08	9.54E-09	6	9.0171384	6.85E-02	16190030	16190153	NC_000022.10
cg17019053	8.27E-08	9.55E-09	6	9.0165747	1.31E-01	74875263	74875386	NC_000002.11
cg21547708	8.27E-08	9.55E-09	6	9.016068	1.54E-01	71161160	71161283	NC_000017.10
cg11301060	8.27E-08	9.56E-09	6	9.015615	5.26E-02	79803202	79803325	NC_000017.10
cg11296759	8.28E-08	9.56E-09	6	9.0151355	1.02E-01	7592993	7593116	NC_000012.11

cg13516362	8.28E-08	9.56E-09	6	9.0150999	7.74E-02	11308987	11309110	NC_000019.9
cg18225991	8.29E-08	9.58E-09	6	9.0133811	4.74E-02	96851949	96852072	NC_000014.8
cg07018580	8.29E-08	9.58E-09	6	9.0132487	9.01E-02	59480501	59480624	NC_000011.9
cg23097402	8.31E-08	9.61E-09	6	9.0106265	1.31E-01	50883394	50883517	NC_000001.10
cg05006304	8.31E-08	9.61E-09	6	9.0105568	6.73E-02	111953944	111954067	NC_000011.9
cg02731554	8.32E-08	9.61E-09	6	9.0101922	5.29E-02	141694233	141694356	NC_000005.9
cg24441911	8.32E-08	9.61E-09	6	9.009812	3.76E-02	7280988	7281111	NC_000012.11
cg11941015	8.33E-08	9.63E-09	6	9.0085155	1.11E-01	191047984	191048107	NC_000002.11
cg17277615	8.34E-08	9.63E-09	6	9.007612	1.01E-01	22843847	22843970	NC_000010.10
cg03313945	8.34E-08	9.64E-09	6	9.007001	2.00E-01	100622158	100622281	NC_000013.10
cg06598461	8.34E-08	9.64E-09	6	9.006976	5.32E-02	49890873	49890996	NC_000008.10
cg18706888	8.34E-08	9.64E-09	6	9.0069612	9.52E-02	57352686	57352809	NC_000019.9
cg07376535	8.34E-08	9.65E-09	6	9.0065046	1.34E-01	905450	905573	NC_000018.9
cg24477567	8.36E-08	9.66E-09	6	9.0050475	1.05E-01	11495295	11495418	NC_000019.9
cg09795195	8.36E-08	9.67E-09	5.99	9.0042681	9.94E-02	57642628	57642751	NC_000017.10
cg06707765	8.37E-08	9.68E-09	5.99	9.0027975	1.03E-01	11604273	11604396	NC_000008.10
cg11043092	8.38E-08	9.69E-09	5.99	9.0018028	3.98E-02	6287904	6288027	NC_000008.10
cg04982308	8.39E-08	9.70E-09	5.99	9.0013133	1.50E-01	72353473	72353596	NC_000017.10
cg06660160	8.40E-08	9.71E-09	5.99	8.9998005	1.12E-01	139018890	139019013	NC_000005.9
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cg04304978	8.41E-08	9.72E-09	5.99	8.9985149	1.05E-01	8809772	8809895	NC_000010.10
cg21073212	8.41E-08	9.73E-09	5.99	8.9982062	1.01E-01	30866501	30866624	NC_000020.10
cg26283426	8.41E-08	9.73E-09	5.99	8.9980879	5.17E-02	41835937	41836060	NC_000017.10
cg17305266	8.41E-08	9.73E-09	5.99	8.9979146	1.86E-01	1391265	1391388	NC_000006.11
cg10120040	8.42E-08	9.74E-09	5.99	8.9966513	3.99E-02	43108769	43108892	NC_000020.10

cg16269733	8.43E-08	9.75E-09	5.99	8.9959223	1.29E-01	156616804	156616927	NC_000001.10
cg25903783	8.43E-08	9.75E-09	5.99	8.9955743	1.01E-01	59475486	59475609	NC_000017.10
cg05007325	8.44E-08	9.76E-09	5.99	8.995083	8.44E-02	34741493	34741616	NC_000016.9
cg17091301	8.44E-08	9.76E-09	5.99	8.9946981	5.59E-02	133171381	133171504	NC_000002.11
cg26879813	8.46E-08	9.78E-09	5.99	8.9927587	1.18E-01	180541897	180542020	NC_000005.9
cg13718418	8.46E-08	9.78E-09	5.99	8.9927084	1.20E-01	85672285	85672408	NC_000012.11
cg18182475	8.46E-08	9.78E-09	5.99	8.9925379	8.79E-02	26424383	26424506	NC_000004.11
cg02340826	8.46E-08	9.79E-09	5.99	8.99212	8.31E-02	121164646	121164769	NC_000012.11
cg21987356	8.48E-08	9.81E-09	5.99	8.9900417	6.71E-02	44199597	44199720	NC_000007.13
cg26349266	8.48E-08	9.81E-09	5.99	8.9896681	8.70E-02	57352074	57352197	NC_000019.9
cg05673098	8.50E-08	9.83E-09	5.99	8.9878007	1.50E-01	131752709	131752832	NC_000003.11
cg26988373	8.50E-08	9.84E-09	5.99	8.9874183	4.57E-02	32809450	32809573	NC_000006.11
cg20829967	8.50E-08	9.84E-09	5.99	8.9867965	7.21E-02	2191228	2191351	NC_000007.13
cg17673769	8.50E-08	9.84E-09	5.99	8.986633	1.96E-02	46707773	46707896	NC_000002.11
cg05825400	8.52E-08	9.86E-09	5.99	8.9850633	8.44E-02	982115	982238	NC_000017.10
cg09686308	8.52E-08	9.87E-09	5.99	8.9845155	7.48E-02	16284242	16284365	NC_000019.9
cg24121557	8.53E-08	9.87E-09	5.99	8.9839351	2.65E-02	33177819	33177942	NC_000006.11
cg04981940	8.54E-08	9.89E-09	5.99	8.9820082	7.53E-02	1398348	1398471	NC_000001.10
cg20019168	8.54E-08	9.89E-09	5.99	8.9818723	7.11E-02	54301570	54301693	NC_000018.9
cg16967640	8.55E-08	9.90E-09	5.99	8.9811633	1.13E-01	165205453	165205576	NC_000001.10
cg02824386	8.55E-08	9.90E-09	5.99	8.9810943	1.71E-01	114882603	114882726	NC_000012.11
cg15114013	8.55E-08	9.91E-09	5.99	8.9805062	7.61E-02	41159283	41159406	NC_000001.10
cg03248761	8.56E-08	9.91E-09	5.99	8.9798899	9.92E-02	81228965	81229088	NC_000013.10
cg08486875	8.56E-08	9.91E-09	5.99	8.9798193	1.09E-01	23386892	23387015	NC_000019.9
cg14179581	8.56E-08	9.92E-09	5.99	8.9792756	1.47E-01	50881502	50881625	NC_000001.10



cg10997718	8.57E-08	9.92E-09	5.99	8.978891	1.46E-01	162275690	162275813	NC_000002.11
cg18551225	8.57E-08	9.93E-09	5.99	8.9784199	7.75E-02	44695536	44695659	NC_000006.11
cg08561667	8.57E-08	9.93E-09	5.99	8.9783858	7.16E-02	54058440	54058563	NC_000019.9
cg04137702	8.58E-08	9.94E-09	5.99	8.977148	6.40E-02	50886878	50887001	NC_000010.10
cg01344518	8.59E-08	9.95E-09	5.99	8.9760046	8.85E-02	326728	326851	NC_000016.9
cg14595922	8.59E-08	9.96E-09	5.99	8.9755325	7.52E-02	140230251	140230374	NC_000005.9
cg02162069	8.60E-08	9.96E-09	5.99	8.9752726	8.17E-02	57352134	57352257	NC_000019.9
cg13840419	8.60E-08	9.96E-09	5.99	8.9750285	6.04E-02	97852983	97853106	NC_000013.10
cg26539524	8.60E-08	9.96E-09	5.99	8.9747311	1.93E-01	51221603	51221726	NC_000019.9
cg01324548	8.61E-08	9.97E-09	5.99	8.9740254	5.61E-02	1539318	1539441	NC_000016.9
cg14005246	8.61E-08	9.97E-09	5.99	8.9739956	1.23E-01	54413671	54413794	NC_000014.8
cg11265941	8.61E-08	9.97E-09	5.99	8.9738671	8.33E-02	25068738	25068861	NC_000015.9
cg17826753	8.61E-08	9.98E-09	5.99	8.9733043	1.76E-01	110987946	110988069	NC_000008.10
cg26259669	8.61E-08	9.98E-09	5.99	8.9732903	8.10E-02	22892221	22892344	NC_000019.9
cg21937969	8.62E-08	9.99E-09	5.99	8.9726857	7.11E-02	94155657	94155780	NC_000001.10
cg08260052	8.63E-08	1.00E-08	5.99	8.9711679	9.31E-02	3304449	3304572	NC_000016.9
cg21476494	8.63E-08	1.00E-08	5.99	8.9711135	1.20E-01	116043958	116044081	NC_000012.11
cg18807071	8.65E-08	1.00E-08	5.99	8.9681803	1.53E-01	207139408	207139531	NC_000002.11
cg08115183	8.65E-08	1.00E-08	5.99	8.9681448	1.62E-01	1705139	1705262	NC_000007.13
cg05140624	8.67E-08	1.00E-08	5.99	8.9668288	7.43E-02	129251445	129251568	NC_000006.11
cg24980413	8.67E-08	1.01E-08	5.99	8.9657833	8.40E-02	346987	347110	NC_000005.9
cg05357093	8.68E-08	1.01E-08	5.99	8.9650607	6.29E-02	169224907	169225030	NC_000006.11
cg26358338	8.68E-08	1.01E-08	5.99	8.9644335	1.27E-01	98891492	98891615	NC_000011.9
cg03998495	8.70E-08	1.01E-08	5.99	8.9631697	6.30E-02	107197949	107198072	NC_000002.11
cg14648916	8.70E-08	1.01E-08	5.99	8.9631651	1.70E-01	175224322	175224445	NC_000005.9

cg12072024	8.70E-08	1.01E-08	5.99	8.9629834	9.36E-02	172377981	172378104	NC_000002.11
cg12230289	8.70E-08	1.01E-08	5.99	8.9628342	1.50E-01	70946891	70947014	NC_000008.10
cg13707358	8.70E-08	1.01E-08	5.99	8.9628122	4.76E-02	30127389	30127512	NC_000006.11
cg18441661	8.70E-08	1.01E-08	5.99	8.9627656	1.47E-01	117586593	117586716	NC_000006.11
cg05342515	8.70E-08	1.01E-08	5.99	8.962465	1.12E-01	177024172	177024295	NC_000002.11
cg03110722	8.70E-08	1.01E-08	5.99	8.9621299	1.11E-01	51984816	51984939	NC_000019.9
cg07017901	8.71E-08	1.01E-08	5.99	8.9613021	1.26E-01	5541270	5541393	NC_000012.11
cg03934313	8.71E-08	1.01E-08	5.99	8.9612199	4.13E-02	67696043	67696166	NC_000016.9
cg11366131	8.72E-08	1.01E-08	5.99	8.9605068	5.96E-02	47260762	47260885	NC_000011.9
cg23400208	8.72E-08	1.01E-08	5.99	8.9601002	1.19E-01	60936031	60936154	NC_000010.10
cg21028352	8.73E-08	1.01E-08	5.99	8.959298	2.24E-02	23473004	23473127	NC_000014.8
cg05119467	8.73E-08	1.01E-08	5.99	8.958773	1.08E-01	1765440	1765563	NC_000001.10
cg03880458	8.73E-08	1.01E-08	5.99	8.958459	3.51E-02	100306854	100306977	NC_000007.13
cg11378389	8.75E-08	1.01E-08	5.99	8.9569717	4.24E-02	162043035	162043158	NC_000001.10
cg24459563	8.75E-08	1.02E-08	5.99	8.956115	5.18E-02	65040609	65040732	NC_000017.10
cg14682922	8.76E-08	1.02E-08	5.99	8.9548212	7.75E-02	1016768	1016891	NC_000005.9
cg27489939	8.77E-08	1.02E-08	5.98	8.953693	2.15E-01	89007818	89007941	NC_000016.9
cg11760389	8.78E-08	1.02E-08	5.98	8.952744	6.08E-02	29989120	29989243	NC_000006.11
cg02519751	8.80E-08	1.02E-08	5.98	8.9501818	1.57E-01	147126753	147126876	NC_000003.11
cg02406096	8.81E-08	1.02E-08	5.98	8.9496427	3.90E-02	141993182	141993305	NC_000005.9
cg21068911	8.82E-08	1.02E-08	5.98	8.9486414	1.91E-01	107462430	107462553	NC_000011.9
cg13073186	8.82E-08	1.02E-08	5.98	8.9483396	1.28E-01	112728349	112728472	NC_000013.10
cg06495131	8.83E-08	1.02E-08	5.98	8.9472464	1.35E-01	6003746	6003869	NC_000006.11
cg07632571	8.84E-08	1.03E-08	5.98	8.945922	2.44E-02	111697142	111697265	NC_000013.10
cg00259549	8.85E-08	1.03E-08	5.98	8.9448876	9.57E-02	689968	690091	NC_000008.10

cg00664205	8.86E-08	1.03E-08	5.98	8.9438028	7.04E-02	77397758	77397881	NC_000017.10
cg08210871	8.86E-08	1.03E-08	5.98	8.9436904	6.42E-02	105676846	105676969	NC_000014.8
cg25602543	8.87E-08	1.03E-08	5.98	8.9422193	1.15E-01	44507533	44507656	NC_000020.10
cg24429166	8.88E-08	1.03E-08	5.98	8.9417724	4.16E-02	50029562	50029685	NC_000019.9
cg03416601	8.88E-08	1.03E-08	5.98	8.9417239	6.27E-02	82132065	82132188	NC_000016.9
cg17271683	8.88E-08	1.03E-08	5.98	8.9416851	7.66E-02	73258	73381	NC_000018.9
cg20218073	8.88E-08	1.03E-08	5.98	8.9416504	7.99E-02	155832938	155833061	NC_000007.13
cg20396833	8.88E-08	1.03E-08	5.98	8.9406164	2.66E-02	197061366	197061489	NC_000003.11
cg23898073	8.89E-08	1.03E-08	5.98	8.9401295	1.69E-01	118032948	118033071	NC_000010.10
cg16845548	8.89E-08	1.03E-08	5.98	8.9399763	6.88E-02	39834993	39835116	NC_000002.11
cg27271486	8.89E-08	1.03E-08	5.98	8.9397314	1.55E-01	56227690	56227813	NC_000016.9
cg15706250	8.89E-08	1.03E-08	5.98	8.9395042	7.18E-02	41583321	41583444	NC_000008.10
cg23034014	8.91E-08	1.03E-08	5.98	8.9380146	4.03E-02	115485166	115485289	NC_000003.11
cg13052453	8.91E-08	1.04E-08	5.98	8.9370421	7.93E-02	105885138	105885261	NC_000014.8
cg25220537	8.92E-08	1.04E-08	5.98	8.9369109	9.82E-02	81298068	81298191	NC_000015.9
cg22055730	8.92E-08	1.04E-08	5.98	8.9368202	4.47E-02	124647228	124647351	NC_000005.9
cg13537226	8.92E-08	1.04E-08	5.98	8.9363896	8.36E-02	138660643	138660766	NC_000009.11
cg04069576	8.92E-08	1.04E-08	5.98	8.9358263	4.44E-02	124607120	124607243	NC_000003.11
cg19769760	8.93E-08	1.04E-08	5.98	8.9356963	1.44E-01	38511105	38511228	NC_000001.10
cg20634266	8.94E-08	1.04E-08	5.98	8.9345126	1.10E-01	91190493	91190616	NC_000001.10
cg16588492	8.94E-08	1.04E-08	5.98	8.9340377	1.08E-01	10103165	10103288	NC_000012.11
cg11199770	8.94E-08	1.04E-08	5.98	8.9337871	2.96E-01	31841663	31841786	NC_000019.9
cg24116534	8.95E-08	1.04E-08	5.98	8.9333516	1.42E-01	134176481	134176604	NC_000006.11
cg26038465	8.95E-08	1.04E-08	5.98	8.9327139	6.21E-02	38610514	38610637	NC_000022.10
cg14059822	8.96E-08	1.04E-08	5.98	8.9320716	9.14E-02	3285935	3286058	NC_000005.9

cg19029445	8.97E-08	1.04E-08	5.98	8.9309285	1.02E-01	907732	907855	NC_000017.10
cg26701390	8.99E-08	1.04E-08	5.98	8.9285326	8.74E-02	19551944	19552067	NC_000002.11
cg00212520	9.01E-08	1.05E-08	5.98	8.926579	8.00E-02	42451096	42451219	NC_000003.11
cg21887309	9.01E-08	1.05E-08	5.98	8.9263309	7.15E-02	140209490	140209613	NC_000005.9
cg16928066	9.02E-08	1.05E-08	5.98	8.9254372	9.97E-02	73147814	73147937	NC_000002.11
cg08190844	9.02E-08	1.05E-08	5.98	8.9250653	1.10E-01	2526203	2526326	NC_000016.9
cg01777861	9.02E-08	1.05E-08	5.98	8.9246758	1.10E-01	56023843	56023966	NC_000004.11
cg01045612	9.03E-08	1.05E-08	5.98	8.9238807	1.55E-01	100438192	100438315	NC_000014.8
cg19986876	9.03E-08	1.05E-08	5.98	8.9236596	9.09E-02	47423585	47423708	NC_000003.11
cg09782540	9.03E-08	1.05E-08	5.98	8.9234246	1.48E-01	10398698	10398821	NC_000006.11
cg13561807	9.03E-08	1.05E-08	5.98	8.923161	6.68E-02	44237619	44237742	NC_000018.9
cg13238909	9.03E-08	1.05E-08	5.98	8.9231149	7.06E-02	56974445	56974568	NC_000018.9
cg04930919	9.04E-08	1.05E-08	5.98	8.9228747	1.13E-01	84748862	84748985	NC_000015.9
cg17897626	9.04E-08	1.05E-08	5.98	8.9226038	1.12E-01	57155294	57155417	NC_000019.9
cg04963514	9.04E-08	1.05E-08	5.98	8.9219518	1.52E-01	44162879	44163002	NC_000010.10
cg15662768	9.04E-08	1.05E-08	5.98	8.921907	1.48E-01	60795818	60795941	NC_000020.10
cg11515873	9.05E-08	1.05E-08	5.98	8.9212811	1.15E-02	32117401	32117524	NC_000006.11
cg01178710	9.05E-08	1.05E-08	5.98	8.9208106	7.56E-02	100137031	100137154	NC_000010.10
cg17094718	9.06E-08	1.05E-08	5.98	8.9204558	5.14E-02	24915099	24915222	NC_000013.10
cg21092808	9.06E-08	1.05E-08	5.98	8.9203595	1.20E-01	177029850	177029973	NC_000002.11
cg04707863	9.06E-08	1.05E-08	5.98	8.9202872	1.81E-01	1706305	1706428	NC_000007.13
cg24497732	9.07E-08	1.05E-08	5.98	8.9192831	8.99E-02	42278077	42278200	NC_000007.13
cg13242661	9.08E-08	1.06E-08	5.98	8.9181336	1.31E-01	25961141	25961264	NC_000022.10
cg17969540	9.08E-08	1.06E-08	5.98	8.9174805	5.61E-02	48908179	48908302	NC_000019.9
cg01761478	9.09E-08	1.06E-08	5.98	8.9163916	5.48E-02	31746114	31746237	NC_000006.11

cg06451822	9.10E-08	1.06E-08	5.98	8.91594	1.17E-01	36108713	36108836	NC_000017.10
cg08021508	9.10E-08	1.06E-08	5.98	8.9156559	1.16E-01	61468123	61468246	NC_000020.10
cg24413339	9.10E-08	1.06E-08	5.98	8.9156141	7.47E-02	135237754	135237877	NC_000010.10
cg05552220	9.10E-08	1.06E-08	5.98	8.9154653	1.64E-01	97173466	97173589	NC_000008.10
cg21526847	9.13E-08	1.06E-08	5.98	8.9126796	1.86E-01	42075664	42075787	NC_000014.8
cg00327332	9.13E-08	1.06E-08	5.98	8.9125583	9.92E-02	23498993	23499116	NC_000020.10
cg19456953	9.13E-08	1.06E-08	5.98	8.9120771	1.61E-01	95768418	95768541	NC_000005.9
cg27600432	9.14E-08	1.06E-08	5.98	8.9107664	1.36E-01	13529102	13529225	NC_000004.11
cg10812708	9.14E-08	1.06E-08	5.98	8.9105352	1.55E-01	27647713	27647836	NC_000006.11
cg05013728	9.16E-08	1.07E-08	5.98	8.9089864	1.47E-01	129694057	129694180	NC_000003.11
cg04765277	9.16E-08	1.07E-08	5.98	8.9089859	1.31E-01	8094679	8094802	NC_000010.10
cg06444282	9.17E-08	1.07E-08	5.98	8.907449	1.63E-01	20669975	20670098	NC_000001.10
cg21969792	9.17E-08	1.07E-08	5.98	8.9071235	7.85E-02	1594995	1595118	NC_000004.11
cg27652464	9.18E-08	1.07E-08	5.98	8.906196	1.68E-01	48886775	48886898	NC_000022.10
cg18689295	9.19E-08	1.07E-08	5.98	8.9058409	7.94E-02	79258855	79258978	NC_000012.11
cg11054816	9.19E-08	1.07E-08	5.98	8.9054247	1.20E-01	117183853	117183976	NC_000011.9
cg19582614	9.19E-08	1.07E-08	5.98	8.9051487	1.54E-01	4381894	4382017	NC_000012.11
cg09123158	9.19E-08	1.07E-08	5.98	8.9049383	8.24E-02	57426264	57426387	NC_000020.10
cg02405329	9.19E-08	1.07E-08	5.98	8.9048747	7.89E-02	51063680	51063803	NC_000022.10
cg25019847	9.20E-08	1.07E-08	5.98	8.904392	4.93E-02	121212263	121212386	NC_000010.10
cg23995231	9.20E-08	1.07E-08	5.98	8.904281	4.55E-02	22469873	22469996	NC_000022.10
cg03748376	9.20E-08	1.07E-08	5.98	8.9039912	1.61E-01	248100585	248100708	NC_000001.10
cg02851873	9.21E-08	1.07E-08	5.97	8.9030389	8.38E-02	80907003	80907126	NC_000010.10
cg20083906	9.21E-08	1.07E-08	5.97	8.9029403	6.27E-02	34760450	34760573	NC_000017.10
cg23053008	9.21E-08	1.07E-08	5.97	8.9028654	9.02E-02	155094291	155094414	NC_000007.13

cg02831290	9.22E-08	1.07E-08	5.97	8.9022891	2.44E-02	74981833	74981956	NC_000002.11
cg05774054	9.22E-08	1.07E-08	5.97	8.9022832	5.33E-02	245770860	245770983	NC_000001.10
cg03485217	9.22E-08	1.07E-08	5.97	8.9018536	6.02E-02	10686300	10686423	NC_000004.11
cg07344338	9.23E-08	1.07E-08	5.97	8.9010434	1.17E-01	25101907	25102030	NC_000003.11
cg07791011	9.23E-08	1.08E-08	5.97	8.900403	1.27E-01	62363922	62364045	NC_000003.11
cg04902302	9.24E-08	1.08E-08	5.97	8.8994692	1.29E-01	175594739	175594862	NC_000002.11
cg25676890	9.25E-08	1.08E-08	5.97	8.8988505	6.27E-02	131814153	131814276	NC_000012.11
cg26511326	9.26E-08	1.08E-08	5.97	8.8968348	4.18E-02	43399379	43399502	NC_000006.11
cg07216112	9.26E-08	1.08E-08	5.97	8.8967709	1.51E-01	74421739	74421862	NC_000015.9
cg25154236	9.29E-08	1.08E-08	5.97	8.8945021	9.11E-02	44871372	44871495	NC_000010.10
cg08214455	9.29E-08	1.08E-08	5.97	8.8943687	9.30E-02	33817457	33817580	NC_000016.9
cg01554357	9.29E-08	1.08E-08	5.97	8.8937281	1.05E-01	164750454	164750577	NC_000001.10
cg11429111	9.29E-08	1.08E-08	5.97	8.8936749	9.77E-02	134813329	134813452	NC_000005.9
cg11851910	9.29E-08	1.08E-08	5.97	8.8934543	2.02E-01	34482086	34482209	NC_000021.8
cg23567366	9.30E-08	1.08E-08	5.97	8.8931024	7.33E-02	5646121	5646244	NC_000007.13
cg03815358	9.30E-08	1.08E-08	5.97	8.8927687	1.42E-01	84419352	84419475	NC_000006.11
cg26034799	9.30E-08	1.08E-08	5.97	8.8924533	9.64E-02	5185804	5185927	NC_000009.11
cg06689918	9.30E-08	1.08E-08	5.97	8.8923339	9.09E-02	3595907	3596030	NC_000005.9
cg19065831	9.31E-08	1.08E-08	5.97	8.8917112	1.82E-01	48485289	48485412	NC_000004.11
cg07433373	9.31E-08	1.09E-08	5.97	8.8915652	6.05E-02	79080588	79080711	NC_000007.13
cg16278996	9.32E-08	1.09E-08	5.97	8.8907346	7.75E-02	13715593	13715716	NC_000006.11
cg26010218	9.33E-08	1.09E-08	5.97	8.8896843	1.51E-01	78977223	78977346	NC_000004.11
cg09919901	9.33E-08	1.09E-08	5.97	8.8891643	3.85E-02	40367066	40367189	NC_000015.9
cg12723985	9.33E-08	1.09E-08	5.97	8.8891246	7.61E-02	20255908	20256031	NC_000010.10
cg14611628	9.34E-08	1.09E-08	5.97	8.8882448	8.32E-02	138415108	138415231	NC_000009.11

cg08419523	9.34E-08	1.09E-08	5.97	8.8881173	3.90E-02	3439378	3439501	NC_000011.9
cg02759635	9.35E-08	1.09E-08	5.97	8.8875715	5.39E-02	22560713	22560836	NC_000015.9
cg08938062	9.36E-08	1.09E-08	5.97	8.8863498	1.10E-01	5589042	5589165	NC_000020.10
cg02057782	9.36E-08	1.09E-08	5.97	8.885935	1.03E-01	26042598	26042721	NC_000013.10
cg02067022	9.36E-08	1.09E-08	5.97	8.8858226	8.60E-02	73795396	73795519	NC_000006.11
cg04229820	9.36E-08	1.09E-08	5.97	8.8855456	8.93E-02	192604828	192604951	NC_000001.10
cg01750341	9.37E-08	1.09E-08	5.97	8.8852644	1.83E-02	79290095	79290218	NC_000004.11
cg02153339	9.38E-08	1.09E-08	5.97	8.8839441	1.33E-01	121415499	121415622	NC_000012.11
cg12010198	9.38E-08	1.09E-08	5.97	8.8834219	1.00E-01	145939499	145939622	NC_000008.10
cg13492103	9.38E-08	1.09E-08	5.97	8.8833369	1.17E-01	75596827	75596950	NC_000001.10
cg01093800	9.40E-08	1.10E-08	5.97	8.8819284	6.83E-02	29149789	29149912	NC_000016.9
cg15484742	9.40E-08	1.10E-08	5.97	8.8811496	7.36E-02	23519884	23520007	NC_000001.10
cg22111078	9.41E-08	1.10E-08	5.97	8.8808229	1.60E-01	172655925	172656048	NC_000005.9
cg06751612	9.42E-08	1.10E-08	5.97	8.8790343	6.96E-02	88798854	88798977	NC_000016.9
cg00893471	9.43E-08	1.10E-08	5.97	8.8782499	1.30E-01	177029921	177030044	NC_000002.11
cg09676575	9.43E-08	1.10E-08	5.97	8.8778984	3.87E-02	153003705	153003828	NC_000006.11
cg03695871	9.44E-08	1.10E-08	5.97	8.8774673	1.49E-01	65547172	65547295	NC_000011.9
cg10999670	9.44E-08	1.10E-08	5.97	8.877189	3.56E-02	86870144	86870267	NC_000016.9
cg24319381	9.44E-08	1.10E-08	5.97	8.8766989	1.69E-01	83316911	83317034	NC_000015.9
cg13927938	9.45E-08	1.10E-08	5.97	8.8759891	3.55E-02	204459584	204459707	NC_000001.10
cg27490391	9.45E-08	1.10E-08	5.97	8.8759256	1.15E-01	40152187	40152310	NC_000013.10
cg02674870	9.45E-08	1.10E-08	5.97	8.8756809	5.50E-02	155856153	155856276	NC_000007.13
cg12141056	9.45E-08	1.10E-08	5.97	8.8756419	9.69E-02	184944785	184944908	NC_000001.10
cg25062797	9.45E-08	1.10E-08	5.97	8.8754193	1.83E-01	118893528	118893651	NC_000010.10
cg14204395	9.46E-08	1.10E-08	5.97	8.8748139	7.05E-02	131451149	131451272	NC_000002.11

cg15685144	9.46E-08	1.10E-08	5.97	8.8747563	1.04E-01	103740597	103740720	NC_000014.8
cg08144406	9.46E-08	1.10E-08	5.97	8.8745799	6.05E-02	51381086	51381209	NC_000007.13
cg03404143	9.47E-08	1.10E-08	5.97	8.8742138	1.80E-01	102986973	102987096	NC_000010.10
cg13056369	9.47E-08	1.11E-08	5.97	8.873742	1.28E-01	1906312	1906435	NC_000008.10
cg11160362	9.48E-08	1.11E-08	5.97	8.8729414	7.11E-02	130387821	130387944	NC_000012.11
cg11751645	9.50E-08	1.11E-08	5.97	8.8708894	1.41E-01	56947754	56947877	NC_000011.9
cg23228450	9.50E-08	1.11E-08	5.97	8.8705597	7.28E-02	205618102	205618225	NC_000001.10
cg20062681	9.50E-08	1.11E-08	5.97	8.8703492	8.96E-02	94988642	94988765	NC_000011.9
cg01503065	9.50E-08	1.11E-08	5.97	8.8701349	1.18E-01	155411806	155411929	NC_000004.11
cg15133564	9.50E-08	1.11E-08	5.97	8.8700608	1.33E-01	97658774	97658897	NC_000008.10
cg06551997	9.51E-08	1.11E-08	5.97	8.8695077	1.60E-01	33815451	33815574	NC_000017.10
cg23530064	9.51E-08	1.11E-08	5.97	8.86914	1.14E-01	30713266	30713389	NC_000021.8
cg07783843	9.52E-08	1.11E-08	5.97	8.8682103	1.51E-01	176997311	176997434	NC_000002.11
cg03084704	9.52E-08	1.11E-08	5.97	8.8678717	6.02E-02	86704486	86704609	NC_000016.9
cg09140593	9.52E-08	1.11E-08	5.97	8.8678101	3.60E-02	47360071	47360194	NC_000011.9
cg16430072	9.52E-08	1.11E-08	5.97	8.867734	2.16E-01	113696863	113696986	NC_000005.9
cg18864768	9.53E-08	1.11E-08	5.97	8.8668358	3.04E-02	44170024	44170147	NC_000001.10
cg07527729	9.54E-08	1.11E-08	5.97	8.866305	7.58E-02	134472187	134472310	NC_000010.10
cg02352240	9.54E-08	1.11E-08	5.97	8.8653826	7.91E-02	51188372	51188495	NC_000016.9
cg06862374	9.55E-08	1.11E-08	5.97	8.8651738	1.78E-01	219736549	219736672	NC_000002.11
cg19677267	9.56E-08	1.12E-08	5.97	8.8633424	1.05E-01	26645161	26645284	NC_000001.10
cg13220129	9.57E-08	1.12E-08	5.97	8.8626397	9.46E-02	2046193	2046316	NC_000019.9
cg19170021	9.57E-08	1.12E-08	5.97	8.8624946	4.66E-02	79077169	79077292	NC_000017.10
cg07590961	9.58E-08	1.12E-08	5.97	8.8619759	1.22E-01	154002312	154002435	NC_000007.13
cg03984347	9.59E-08	1.12E-08	5.97	8.8606367	7.62E-02	45190262	45190385	NC_000001.10



cg26723355	9.59E-08	1.12E-08	5.97	8.860391	2.10E-01	166076315	166076438	NC_000006.11
cg08183425	9.59E-08	1.12E-08	5.97	8.8600887	9.61E-02	86037857	86037980	NC_000002.11
cg14568105	9.60E-08	1.12E-08	5.97	8.8596504	1.53E-01	37282931	37283054	NC_000019.9
cg11725718	9.61E-08	1.12E-08	5.97	8.8581652	9.49E-02	380529	380652	NC_000004.11
cg21340230	9.62E-08	1.12E-08	5.97	8.85755	9.49E-02	89955105	89955228	NC_000015.9
cg10384919	9.62E-08	1.12E-08	5.97	8.8572346	1.47E-01	42095430	42095553	NC_000022.10
cg00783952	9.62E-08	1.12E-08	5.97	8.8570443	8.73E-02	134999606	134999729	NC_000010.10
cg05328057	9.63E-08	1.12E-08	5.97	8.8565428	7.87E-02	66436664	66436787	NC_000016.9
cg24945740	9.64E-08	1.13E-08	5.97	8.8550827	7.37E-02	11159610	11159733	NC_000003.11
cg04013650	9.65E-08	1.13E-08	5.97	8.8543946	1.16E-01	55471675	55471798	NC_000008.10
cg17838516	9.66E-08	1.13E-08	5.97	8.8525752	1.00E-01	92703536	92703659	NC_000011.9
cg12092090	9.66E-08	1.13E-08	5.96	8.8525368	1.78E-01	13617584	13617707	NC_000019.9
cg11119746	9.67E-08	1.13E-08	5.96	8.8522131	1.36E-01	42533133	42533256	NC_000007.13
cg09958940	9.67E-08	1.13E-08	5.96	8.8521254	1.19E-01	41108802	41108925	NC_000013.10
cg23185774	9.67E-08	1.13E-08	5.96	8.8520804	6.46E-02	36972163	36972286	NC_000006.11
cg05001964	9.67E-08	1.13E-08	5.96	8.8519232	1.80E-01	54318808	54318931	NC_000016.9
cg09065629	9.67E-08	1.13E-08	5.96	8.8517438	1.23E-01	1709722	1709845	NC_000016.9
cg08593949	9.67E-08	1.13E-08	5.96	8.8515569	1.45E-01	17218308	17218431	NC_000005.9
cg07820064	9.68E-08	1.13E-08	5.96	8.8510501	8.96E-02	220299584	220299707	NC_000002.11
cg19356117	9.68E-08	1.13E-08	5.96	8.8508919	1.61E-01	23734304	23734427	NC_000013.10
cg02901606	9.68E-08	1.13E-08	5.96	8.8504657	3.71E-02	46374519	46374642	NC_000021.8
cg02368058	9.69E-08	1.13E-08	5.96	8.8491007	1.55E-01	91191723	91191846	NC_000001.10
cg21013866	9.69E-08	1.13E-08	5.96	8.8490283	1.58E-01	23834985	23835108	NC_000014.8
cg00093851	9.70E-08	1.13E-08	5.96	8.848137	4.93E-02	123195258	123195381	NC_000007.13
cg27315191	9.71E-08	1.14E-08	5.96	8.8471953	1.12E-01	33593049	33593172	NC_000012.11

cg05317090	9.71E-08	1.14E-08	5.96	8.8470499	2.06E-01	54969706	54969829	NC_000016.9
cg04440182	9.72E-08	1.14E-08	5.96	8.8465654	1.11E-01	172963125	172963248	NC_000002.11
cg01128161	9.72E-08	1.14E-08	5.96	8.8459736	9.88E-02	122302680	122302803	NC_000004.11
cg23338029	9.73E-08	1.14E-08	5.96	8.8454465	5.84E-02	140621754	140621877	NC_000005.9
cg01926877	9.73E-08	1.14E-08	5.96	8.8450366	1.62E-01	96953051	96953174	NC_000015.9
cg07015911	9.73E-08	1.14E-08	5.96	8.8446588	1.82E-01	46655580	46655703	NC_000017.10
cg16078597	9.74E-08	1.14E-08	5.96	8.8445257	7.63E-02	170844404	170844527	NC_000006.11
cg02165799	9.74E-08	1.14E-08	5.96	8.8443878	1.88E-01	61885850	61885973	NC_000020.10
cg20966270	9.74E-08	1.14E-08	5.96	8.8439958	1.20E-01	110752047	110752170	NC_000001.10
cg05135288	9.75E-08	1.14E-08	5.96	8.8433399	9.21E-02	717707	717830	NC_000016.9
cg02106279	9.76E-08	1.14E-08	5.96	8.8418318	1.06E-01	75960530	75960653	NC_000006.11
cg06757585	9.76E-08	1.14E-08	5.96	8.8413885	1.24E-01	140753531	140753654	NC_000005.9
cg14464639	9.78E-08	1.14E-08	5.96	8.8402707	5.29E-02	131561175	131561298	NC_000011.9
cg26363555	9.78E-08	1.14E-08	5.96	8.8401143	1.20E-01	121973044	121973167	NC_000011.9
cg17611674	9.78E-08	1.14E-08	5.96	8.8396272	1.28E-01	8094431	8094554	NC_000010.10
cg11935021	9.79E-08	1.14E-08	5.96	8.8391853	1.14E-01	110223795	110223918	NC_000004.11
cg06369522	9.79E-08	1.15E-08	5.96	8.838929	1.51E-01	51412615	51412738	NC_000019.9
cg11590772	9.80E-08	1.15E-08	5.96	8.8381229	1.03E-01	8657916	8658039	NC_000019.9
cg22162281	9.80E-08	1.15E-08	5.96	8.8373641	1.86E-01	207139197	207139320	NC_000002.11
cg22203219	9.81E-08	1.15E-08	5.96	8.8370898	1.32E-01	6665335	6665458	NC_000012.11
cg13643914	9.81E-08	1.15E-08	5.96	8.8370095	1.84E-01	122302226	122302349	NC_000004.11
cg16180353	9.81E-08	1.15E-08	5.96	8.8369388	1.13E-01	31819219	31819342	NC_000011.9
cg08612570	9.81E-08	1.15E-08	5.96	8.8365387	6.35E-02	27868767	27868890	NC_000007.13
cg11957261	9.81E-08	1.15E-08	5.96	8.8360949	9.64E-02	119727631	119727754	NC_000008.10
cg04190807	9.83E-08	1.15E-08	5.96	8.8347252	1.75E-01	58497230	58497353	NC_000016.9

cg02909158	9.83E-08	1.15E-08	5.96	8.8340344	9.25E-02	100616256	100616379	NC_000013.10
cg11079992	9.83E-08	1.15E-08	5.96	8.8339937	4.43E-02	1216305	1216428	NC_000011.9
cg12593873	9.84E-08	1.15E-08	5.96	8.8335312	2.03E-02	27111162	27111285	NC_000001.10
cg18567924	9.84E-08	1.15E-08	5.96	8.8334363	1.57E-01	95870450	95870573	NC_000015.9
cg15600176	9.84E-08	1.15E-08	5.96	8.8328267	8.56E-02	107612551	107612674	NC_000007.13
cg19393314	9.84E-08	1.15E-08	5.96	8.8327864	3.80E-02	240007631	240007754	NC_000002.11
cg12204258	9.85E-08	1.15E-08	5.96	8.8325984	1.29E-01	147131178	147131301	NC_000003.11
cg21913319	9.85E-08	1.15E-08	5.96	8.8323403	1.96E-01	86622628	86622751	NC_000001.10
cg05288475	9.86E-08	1.15E-08	5.96	8.8315021	1.20E-01	66195804	66195927	NC_000017.10
cg22418829	9.86E-08	1.15E-08	5.96	8.8311195	1.06E-01	180486604	180486727	NC_000005.9
cg21452071	9.86E-08	1.15E-08	5.96	8.8307954	3.15E-02	53352275	53352398	NC_000008.10
cg20826345	9.86E-08	1.15E-08	5.96	8.8307878	6.78E-02	2350197	2350320	NC_000001.10
cg12317456	9.87E-08	1.16E-08	5.96	8.8300432	1.55E-01	55512868	55512991	NC_000016.9
cg12192797	9.87E-08	1.16E-08	5.96	8.8298081	7.51E-02	12228551	12228674	NC_000019.9
cg04811512	9.88E-08	1.16E-08	5.96	8.8286861	1.80E-01	21686080	21686203	NC_000020.10
cg00732810	9.88E-08	1.16E-08	5.96	8.8286693	5.60E-02	114875282	114875405	NC_000013.10
cg27255329	9.88E-08	1.16E-08	5.96	8.8284539	8.81E-02	51814354	51814477	NC_000006.11
cg14035771	9.90E-08	1.16E-08	5.96	8.8266489	1.44E-01	98515272	98515395	NC_000001.10
cg13776340	9.90E-08	1.16E-08	5.96	8.8264809	1.43E-01	80656888	80657011	NC_000006.11
cg04910313	9.90E-08	1.16E-08	5.96	8.826298	3.77E-02	24933212	24933335	NC_000013.10
cg23072973	9.91E-08	1.16E-08	5.96	8.8261512	7.05E-02	47183460	47183583	NC_000011.9
cg01185433	9.91E-08	1.16E-08	5.96	8.8259778	1.55E-01	175139081	175139204	NC_000004.11
cg21176398	9.92E-08	1.16E-08	5.96	8.8242773	7.39E-02	140771599	140771722	NC_000009.11
cg22535729	9.93E-08	1.16E-08	5.96	8.8238151	7.89E-02	55533955	55534078	NC_000008.10
cg11641840	9.93E-08	1.16E-08	5.96	8.8236948	5.62E-02	71431640	71431763	NC_000017.10

cg03053290	9.93E-08	1.16E-08	5.96	8.8234694	1.38E-01	95698378	95698501	NC_000001.10
cg18406792	9.94E-08	1.16E-08	5.96	8.8230131	7.14E-02	13620807	13620930	NC_000018.9
cg24706674	9.94E-08	1.16E-08	5.96	8.8229097	1.03E-01	134679704	134679827	NC_000010.10
cg02886522	9.95E-08	1.17E-08	5.96	8.8213401	1.78E-01	53636226	53636349	NC_000019.9
cg08592707	9.97E-08	1.17E-08	5.96	8.819557	1.47E-01	56833076	56833199	NC_000017.10
cg18277754	9.98E-08	1.17E-08	5.96	8.8182998	1.68E-01	30144152	30144275	NC_000002.11
cg11762968	9.98E-08	1.17E-08	5.96	8.8182723	1.11E-01	95354190	95354313	NC_000013.10
cg12508624	9.98E-08	1.17E-08	5.96	8.8182385	1.63E-01	119293780	119293903	NC_000011.9
cg13898605	9.99E-08	1.17E-08	5.96	8.8178143	6.00E-02	9675212	9675335	NC_000017.10
cg27230009	1.00E-07	1.17E-08	5.96	8.8165604	7.18E-02	11241399	11241522	NC_000003.11
cg10221856	1.00E-07	1.17E-08	5.96	8.8151225	6.56E-02	84323577	84323700	NC_000001.10
cg00294538	1.00E-07	1.18E-08	5.96	8.8130838	9.10E-02	114062109	114062232	NC_000013.10
cg08861369	1.00E-07	1.18E-08	5.96	8.8120928	1.33E-01	85671714	85671837	NC_000016.9
cg25698935	1.00E-07	1.18E-08	5.96	8.8119108	7.84E-02	112610681	112610804	NC_000013.10
cg06765956	1.01E-07	1.18E-08	5.96	8.8081227	1.03E-01	42074886	42075009	NC_000014.8
cg14780466	1.01E-07	1.18E-08	5.96	8.8080487	9.59E-02	20870812	20870935	NC_000002.11
cg20058999	1.01E-07	1.18E-08	5.96	8.8079976	4.47E-02	152063195	152063318	NC_000007.13
cg05999049	1.01E-07	1.18E-08	5.96	8.8076974	1.38E-01	46692859	46692982	NC_000017.10
cg17207690	1.01E-07	1.18E-08	5.96	8.8073898	6.88E-02	232393064	232393187	NC_000002.11
cg01474953	1.01E-07	1.18E-08	5.96	8.8061138	1.76E-02	150862828	150862951	NC_000007.13
cg17260180	1.01E-07	1.18E-08	5.96	8.8061078	6.93E-02	6610104	6610227	NC_000017.10
cg15230931	1.01E-07	1.19E-08	5.96	8.8051811	4.69E-02	122632501	122632624	NC_000003.11
cg15726426	1.01E-07	1.19E-08	5.96	8.8036224	1.24E-01	111216839	111216962	NC_000001.10
cg15649801	1.01E-07	1.19E-08	5.96	8.8031331	1.86E-01	93520269	93520392	NC_000007.13
cg13064679	1.01E-07	1.19E-08	5.95	8.8016946	1.02E-01	32049953	32050076	NC_000006.11

cg26390889	1.01E-07	1.19E-08	5.95	8.8009425	1.40E-01	33936462	33936585	NC_000005.9
cg14856052	1.01E-07	1.19E-08	5.95	8.8009289	6.22E-02	134845038	134845161	NC_000011.9
cg08667388	1.01E-07	1.19E-08	5.95	8.8008818	2.07E-02	113506810	113506933	NC_000013.10
cg10174482	1.02E-07	1.19E-08	5.95	8.8004824	7.84E-02	17932369	17932492	NC_000019.9
cg03146733	1.02E-07	1.19E-08	5.95	8.7987636	9.42E-02	10775897	10776020	NC_000016.9
cg17266275	1.02E-07	1.20E-08	5.95	8.7964888	4.08E-02	29084858	29084981	NC_000010.10
cg06142142	1.02E-07	1.20E-08	5.95	8.7963881	6.57E-02	115938512	115938635	NC_000010.10
cg17491850	1.02E-07	1.20E-08	5.95	8.7954503	1.43E-01	57888480	57888603	NC_000001.10
cg04577249	1.02E-07	1.20E-08	5.95	8.7951614	7.54E-02	172179102	172179225	NC_000005.9
cg25874123	1.02E-07	1.20E-08	5.95	8.7945825	1.08E-01	3220124	3220247	NC_000018.9
cg21590729	1.02E-07	1.20E-08	5.95	8.7944055	6.00E-02	9929065	9929188	NC_000003.11
cg05292082	1.02E-07	1.20E-08	5.95	8.7938201	9.86E-02	32928345	32928468	NC_000021.8
cg05116382	1.02E-07	1.20E-08	5.95	8.7933407	1.03E-01	66327000	66327123	NC_000011.9
cg00792849	1.02E-07	1.20E-08	5.95	8.7929293	1.23E-01	35046610	35046733	NC_000015.9
cg07035961	1.02E-07	1.20E-08	5.95	8.7920577	1.07E-01	140174841	140174964	NC_000005.9
cg04863968	1.02E-07	1.20E-08	5.95	8.7915324	1.18E-01	35762844	35762967	NC_000006.11
cg05479174	1.02E-07	1.20E-08	5.95	8.7905943	4.21E-02	132239000	132239123	NC_000012.11
cg24850474	1.03E-07	1.20E-08	5.95	8.7901382	7.28E-02	19772686	19772809	NC_000019.9
cg10675276	1.03E-07	1.20E-08	5.95	8.7900125	1.22E-01	133561898	133562021	NC_000006.11
cg14482474	1.03E-07	1.21E-08	5.95	8.7888775	8.42E-02	57426383	57426506	NC_000020.10
cg14829606	1.03E-07	1.21E-08	5.95	8.7878527	1.23E-01	166579974	166580097	NC_000006.11
cg26816636	1.03E-07	1.21E-08	5.95	8.7875937	1.16E-01	179495386	179495509	NC_000005.9
cg14908766	1.03E-07	1.21E-08	5.95	8.7875043	1.19E-01	76098020	76098143	NC_000012.11
cg07217951	1.03E-07	1.21E-08	5.95	8.7874718	6.75E-02	242945705	242945828	NC_000002.11
cg22082329	1.03E-07	1.21E-08	5.95	8.7870543	4.19E-02	78156552	78156675	NC_000017.10

cg00292701	1.03E-07	1.21E-08	5.95	8.7860243	1.42E-01	10463590	10463713	NC_000004.11
cg16731240	1.03E-07	1.21E-08	5.95	8.7854961	2.20E-01	52391250	52391373	NC_000019.9
cg02705837	1.03E-07	1.21E-08	5.95	8.7850049	1.72E-01	7554666	7554789	NC_000017.10
cg15116095	1.03E-07	1.21E-08	5.95	8.7838941	9.42E-02	140166589	140166712	NC_000005.9
cg23082862	1.03E-07	1.21E-08	5.95	8.783389	1.16E-01	128993115	128993238	NC_000010.10
cg23008230	1.03E-07	1.21E-08	5.95	8.782866	1.51E-01	687959	688082	NC_000008.10
cg10429508	1.03E-07	1.21E-08	5.95	8.7825753	6.34E-02	85608556	85608679	NC_000016.9
cg03489023	1.03E-07	1.21E-08	5.95	8.782219	1.14E-01	19557201	19557324	NC_000002.11
cg13594797	1.03E-07	1.21E-08	5.95	8.7819397	8.60E-02	97720753	97720876	NC_000015.9
cg16464483	1.03E-07	1.22E-08	5.95	8.7803778	1.50E-01	84749130	84749253	NC_000015.9
cg26979537	1.04E-07	1.22E-08	5.95	8.7791024	1.44E-01	48016860	48016983	NC_000019.9
cg13318241	1.04E-07	1.22E-08	5.95	8.7787868	9.33E-02	3455537	3455660	NC_000006.11
cg27601695	1.04E-07	1.22E-08	5.95	8.7778206	1.04E-01	21911015	21911138	NC_000008.10
cg03649796	1.04E-07	1.22E-08	5.95	8.7777907	9.35E-02	10106565	10106688	NC_000001.10
cg20113732	1.04E-07	1.22E-08	5.95	8.7777569	1.79E-01	20691180	20691303	NC_000011.9
cg04914323	1.04E-07	1.22E-08	5.95	8.776709	3.80E-02	102267358	102267481	NC_000012.11
cg04722722	1.04E-07	1.22E-08	5.95	8.7765082	1.22E-01	657842	657965	NC_000004.11
cg12145907	1.04E-07	1.22E-08	5.95	8.7759273	1.40E-01	140864834	140864957	NC_000005.9
cg27631817	1.04E-07	1.22E-08	5.95	8.7750574	1.45E-01	10060938	10061061	NC_000006.11
cg23397325	1.04E-07	1.22E-08	5.95	8.7745863	7.29E-02	1684270	1684393	NC_000002.11
cg02955229	1.04E-07	1.23E-08	5.95	8.7717176	6.11E-02	31765318	31765441	NC_000001.10
cg27324426	1.04E-07	1.23E-08	5.95	8.771028	1.66E-01	58220837	58220960	NC_000019.9
cg08097157	1.05E-07	1.23E-08	5.95	8.7699554	4.49E-02	31080048	31080171	NC_000006.11
cg11637721	1.05E-07	1.23E-08	5.95	8.7693605	1.04E-01	65486928	65487051	NC_000011.9
cg23500059	1.05E-07	1.23E-08	5.95	8.7690376	1.64E-01	41086277	41086400	NC_000012.11

cg26984805	1.05E-07	1.23E-08	5.95	8.7689844	8.86E-02	71176501	71176624	NC_000010.10
cg00644033	1.05E-07	1.23E-08	5.95	8.7688765	7.26E-02	100544704	100544827	NC_000007.13
cg00714531	1.05E-07	1.23E-08	5.95	8.7681498	3.79E-02	46955647	46955770	NC_000021.8
cg00135416	1.05E-07	1.23E-08	5.95	8.7679062	9.54E-02	78172177	78172300	NC_000017.10
cg01007828	1.05E-07	1.23E-08	5.95	8.7676192	1.20E-01	62070306	62070429	NC_000016.9
cg15361590	1.05E-07	1.23E-08	5.95	8.7668931	1.39E-01	140864701	140864824	NC_000005.9
cg11500467	1.05E-07	1.23E-08	5.95	8.7660395	1.57E-01	26504580	26504703	NC_000010.10
cg06307939	1.05E-07	1.24E-08	5.95	8.764819	1.02E-01	12984645	12984768	NC_000019.9
cg04759767	1.05E-07	1.24E-08	5.95	8.764756	1.19E-01	25320824	25320947	NC_000013.10
cg26822572	1.05E-07	1.24E-08	5.95	8.7644442	7.51E-02	50691611	50691734	NC_000022.10
cg03438490	1.05E-07	1.24E-08	5.95	8.7641378	8.69E-02	61515010	61515133	NC_000017.10
cg23993425	1.05E-07	1.24E-08	5.95	8.7636673	1.32E-01	20880591	20880714	NC_000001.10
cg20569287	1.05E-07	1.24E-08	5.95	8.7630941	2.04E-01	144511313	144511436	NC_000008.10
cg25927215	1.05E-07	1.24E-08	5.95	8.76244	1.56E-01	34677450	34677573	NC_000006.11
cg02015741	1.05E-07	1.24E-08	5.95	8.7614672	1.34E-01	3394050	3394173	NC_000005.9
cg12580665	1.05E-07	1.24E-08	5.95	8.7614307	7.14E-02	25896724	25896847	NC_000007.13
cg00174428	1.05E-07	1.24E-08	5.95	8.7613673	1.38E-01	165204791	165204914	NC_000001.10
cg16512885	1.05E-07	1.24E-08	5.95	8.7605448	1.04E-01	4697919	4698042	NC_000001.10
cg26053083	1.06E-07	1.24E-08	5.95	8.7598963	1.39E-01	14995770	14995893	NC_000011.9
cg01306410	1.06E-07	1.24E-08	5.95	8.759663	7.39E-02	69147338	69147461	NC_000009.11
cg26885488	1.06E-07	1.24E-08	5.95	8.7589167	9.60E-02	156462202	156462325	NC_000001.10
cg06911974	1.06E-07	1.25E-08	5.95	8.757257	4.66E-02	172260464	172260587	NC_000005.9
cg04969428	1.06E-07	1.25E-08	5.95	8.7568932	1.23E-01	67372805	67372928	NC_000006.11
cg02951766	1.06E-07	1.25E-08	5.95	8.7568634	4.79E-02	69354819	69354942	NC_000014.8
cg13464738	1.06E-07	1.25E-08	5.95	8.7563413	9.57E-02	30950779	30950902	NC_000006.11

cg02173455	1.06E-07	1.25E-08	5.95	8.755018	6.87E-02	6770940	6771063	NC_000007.13
cg11940136	1.06E-07	1.25E-08	5.95	8.7544733	5.81E-02	49071438	49071561	NC_000011.9
cg12999098	1.06E-07	1.25E-08	5.95	8.7542602	1.33E-01	66442718	66442841	NC_000011.9
cg06937832	1.06E-07	1.25E-08	5.95	8.7532884	9.08E-02	49141793	49141916	NC_000022.10
cg07821364	1.06E-07	1.25E-08	5.95	8.7530545	6.89E-02	2411137	2411260	NC_000001.10
cg26094990	1.06E-07	1.25E-08	5.95	8.7521191	6.72E-02	134771944	134772067	NC_000010.10
cg17043339	1.06E-07	1.25E-08	5.95	8.7517475	3.60E-02	211520133	211520256	NC_000001.10
cg01964852	1.06E-07	1.25E-08	5.94	8.7505609	1.04E-01	27146262	27146385	NC_000007.13
cg06889756	1.07E-07	1.26E-08	5.94	8.7482794	5.76E-02	47184939	47185062	NC_000019.9
cg11677857	1.07E-07	1.26E-08	5.94	8.7482641	2.00E-01	2560350	2560473	NC_000001.10
cg13400248	1.07E-07	1.26E-08	5.94	8.7473105	1.59E-01	35225412	35225535	NC_000007.13
cg21726372	1.07E-07	1.26E-08	5.94	8.7467013	1.58E-01	111540884	111541007	NC_000004.11
cg11898816	1.07E-07	1.26E-08	5.94	8.7457491	2.91E-02	134671276	134671399	NC_000010.10
cg04508482	1.07E-07	1.26E-08	5.94	8.7456952	1.93E-01	996280	996403	NC_000004.11
cg09915883	1.07E-07	1.26E-08	5.94	8.7436885	1.09E-01	53324934	53325057	NC_000014.8
cg08184159	1.07E-07	1.26E-08	5.94	8.7427617	1.23E-01	114837108	114837231	NC_000012.11
cg10363915	1.07E-07	1.26E-08	5.94	8.7426137	3.28E-02	57438680	57438803	NC_000011.9
cg20654875	1.07E-07	1.26E-08	5.94	8.7421476	8.97E-02	134739369	134739492	NC_000010.10
cg23692500	1.07E-07	1.26E-08	5.94	8.7420617	1.25E-01	101158159	101158282	NC_000014.8
cg05314142	1.07E-07	1.26E-08	5.94	8.7419337	7.19E-02	160542711	160542834	NC_000006.11
cg08212128	1.07E-07	1.27E-08	5.94	8.7415998	7.14E-02	184347978	184348101	NC_000003.11
cg01911239	1.07E-07	1.27E-08	5.94	8.7413367	9.95E-02	140744076	140744199	NC_000005.9
cg02710296	1.08E-07	1.27E-08	5.94	8.7396362	1.44E-01	182921851	182921974	NC_000001.10
cg11256387	1.08E-07	1.27E-08	5.94	8.739621	1.71E-01	178017879	178018002	NC_000005.9
cg19335327	1.08E-07	1.27E-08	5.94	8.7387622	7.81E-02	57351642	57351765	NC_000019.9



cg25019033	1.08E-07	1.27E-08	5.94	8.7377487	9.57E-02	957182	957305	NC_000010.10
cg18808261	1.08E-07	1.27E-08	5.94	8.7356849	1.27E-01	18464935	18465058	NC_000003.11
cg18790057	1.08E-07	1.27E-08	5.94	8.7349555	5.78E-02	204337	204460	NC_000007.13
cg05517610	1.08E-07	1.28E-08	5.94	8.7338294	1.31E-01	142626593	142626716	NC_000008.10
cg13999585	1.08E-07	1.28E-08	5.94	8.7325535	3.03E-02	44739765	44739888	NC_000006.11
cg14269973	1.08E-07	1.28E-08	5.94	8.7324528	1.55E-01	46425904	46426027	NC_000013.10
cg24594454	1.08E-07	1.28E-08	5.94	8.7314422	1.59E-01	13839128	13839251	NC_000001.10
cg16739463	1.09E-07	1.28E-08	5.94	8.7308293	7.16E-02	13514334	13514457	NC_000011.9
cg01563704	1.09E-07	1.28E-08	5.94	8.7302367	1.94E-01	26271816	26271939	NC_000006.11
cg13829104	1.09E-07	1.28E-08	5.94	8.7293017	1.20E-01	115118806	115118929	NC_000012.11
cg01873886	1.09E-07	1.28E-08	5.94	8.727986	1.99E-01	54419825	54419948	NC_000014.8
cg26117778	1.09E-07	1.28E-08	5.94	8.7272404	4.32E-02	106938335	106938458	NC_000014.8
cg14975238	1.09E-07	1.28E-08	5.94	8.7270566	1.09E-01	97841591	97841714	NC_000007.13
cg10175249	1.09E-07	1.28E-08	5.94	8.7270468	1.72E-01	130546259	130546382	NC_000010.10
cg05025612	1.09E-07	1.28E-08	5.94	8.7269785	1.49E-01	206641088	206641211	NC_000002.11
cg02179652	1.09E-07	1.29E-08	5.94	8.7249355	1.52E-01	122852429	122852552	NC_000011.9
cg03279985	1.09E-07	1.29E-08	5.94	8.7245925	6.70E-02	3825631	3825754	NC_000020.10
cg20278291	1.09E-07	1.29E-08	5.94	8.7245596	1.26E-01	57272340	57272463	NC_000014.8
cg23242862	1.09E-07	1.29E-08	5.94	8.7243601	1.25E-01	65491152	65491275	NC_000008.10
cg02493644	1.09E-07	1.29E-08	5.94	8.7241976	1.60E-01	84816314	84816437	NC_000007.13
cg08145617	1.09E-07	1.29E-08	5.94	8.7241861	1.75E-01	32858541	32858664	NC_000003.11
cg17491947	1.09E-07	1.29E-08	5.94	8.7241452	1.01E-01	46994956	46995079	NC_000004.11
cg10372829	1.09E-07	1.29E-08	5.94	8.724099	1.03E-01	20751257	20751380	NC_000013.10
cg06072743	1.09E-07	1.29E-08	5.94	8.7234205	4.46E-02	141496896	141497019	NC_000003.11
cg13126790	1.09E-07	1.29E-08	5.94	8.7225766	8.27E-02	160010346	160010469	NC_000006.11

cg06837765	1.09E-07	1.29E-08	5.94	8.7224867	9.00E-02	66326652	66326775	NC_000011.9
cg16133244	1.09E-07	1.29E-08	5.94	8.7218158	7.04E-02	1400833	1400956	NC_000016.9
cg08154066	1.10E-07	1.29E-08	5.94	8.7198623	9.62E-02	86327669	86327792	NC_000016.9
cg26170805	1.10E-07	1.29E-08	5.94	8.7196679	2.01E-01	5630016	5630139	NC_000018.9
cg02805028	1.10E-07	1.30E-08	5.94	8.7183428	6.29E-02	27899239	27899362	NC_000016.9
cg16806245	1.10E-07	1.30E-08	5.94	8.7176878	9.19E-02	169649046	169649169	NC_000006.11
cg20585869	1.10E-07	1.30E-08	5.94	8.7170728	1.35E-01	24772333	24772456	NC_000008.10
cg08843809	1.10E-07	1.30E-08	5.94	8.7169443	1.84E-01	6679484	6679607	NC_000017.10
cg02476510	1.10E-07	1.30E-08	5.94	8.7166707	1.94E-01	114445580	114445703	NC_000008.10
cg10098523	1.10E-07	1.30E-08	5.94	8.7165171	1.24E-01	200002343	200002466	NC_000001.10
cg27546065	1.10E-07	1.30E-08	5.94	8.7161637	1.68E-01	4923383	4923506	NC_000007.13
cg14795231	1.10E-07	1.30E-08	5.94	8.7161533	4.19E-02	116716214	116716337	NC_000011.9
cg01751802	1.10E-07	1.30E-08	5.94	8.715879	7.05E-02	11309639	11309762	NC_000019.9
cg00364016	1.10E-07	1.30E-08	5.94	8.7154061	1.33E-01	10113648	10113771	NC_000006.11
cg27177709	1.10E-07	1.30E-08	5.94	8.7146411	6.21E-02	80264770	80264893	NC_000015.9
cg09435266	1.10E-07	1.30E-08	5.94	8.7144319	6.65E-02	69292034	69292157	NC_000011.9
cg00903099	1.10E-07	1.30E-08	5.94	8.7140689	1.38E-01	154862441	154862564	NC_000007.13
cg17759921	1.10E-07	1.30E-08	5.94	8.7136473	5.57E-02	45458155	45458278	NC_000006.11
cg11393040	1.10E-07	1.30E-08	5.94	8.7127425	4.10E-02	47907054	47907177	NC_000001.10
cg07835424	1.10E-07	1.30E-08	5.94	8.7124049	1.52E-01	200327334	200327457	NC_000002.11
cg14058647	1.10E-07	1.30E-08	5.94	8.7119244	1.26E-01	88137909	88138032	NC_000009.11
cg21322436	1.11E-07	1.31E-08	5.94	8.7096349	1.28E-01	145812842	145812965	NC_000007.13
cg19266910	1.11E-07	1.31E-08	5.94	8.7093344	1.74E-01	107462445	107462568	NC_000011.9
cg19592829	1.11E-07	1.31E-08	5.94	8.7088149	9.47E-02	57426215	57426338	NC_000020.10
cg22425359	1.11E-07	1.31E-08	5.94	8.708585	6.06E-02	2415878	2416001	NC_000005.9

cg06508738	1.11E-07	1.31E-08	5.94	8.7084634	7.76E-02	138763852	138763975	NC_000003.11
cg16356837	1.11E-07	1.31E-08	5.94	8.7064072	1.71E-01	54393445	54393568	NC_000012.11
cg14389840	1.11E-07	1.31E-08	5.94	8.7058694	8.12E-02	72298704	72298827	NC_000006.11
cg08557649	1.11E-07	1.31E-08	5.94	8.7048794	1.24E-01	76639713	76639836	NC_000015.9
cg05490875	1.11E-07	1.32E-08	5.94	8.7034771	2.97E-02	100444627	100444750	NC_000007.13
cg10805564	1.11E-07	1.32E-08	5.94	8.7025463	8.31E-02	104851832	104851955	NC_000014.8
cg20233073	1.11E-07	1.32E-08	5.94	8.7024524	1.31E-01	54960226	54960349	NC_000004.11
cg17015506	1.12E-07	1.32E-08	5.94	8.701609	4.57E-02	44611387	44611510	NC_000011.9
cg23968456	1.12E-07	1.32E-08	5.93	8.7006913	2.73E-02	73521631	73521754	NC_000010.10
cg24019073	1.12E-07	1.32E-08	5.93	8.7005811	9.07E-02	4448726	4448849	NC_000019.9
cg02497758	1.12E-07	1.32E-08	5.93	8.7002615	1.53E-01	39317194	39317317	NC_000020.10
cg08101303	1.12E-07	1.32E-08	5.93	8.6991915	1.59E-01	96652222	96652345	NC_000007.13
cg05075118	1.12E-07	1.32E-08	5.93	8.6991291	1.90E-01	132756991	132757114	NC_000003.11
cg20992180	1.12E-07	1.32E-08	5.93	8.6985502	6.50E-02	71901864	71901987	NC_000011.9
cg08195943	1.12E-07	1.32E-08	5.93	8.6979436	1.54E-01	129694487	129694610	NC_000003.11
cg21719492	1.12E-07	1.32E-08	5.93	8.6975764	7.92E-02	112788669	112788792	NC_000013.10
cg21117330	1.12E-07	1.32E-08	5.93	8.6974405	1.13E-01	140772286	140772409	NC_000005.9
cg14880499	1.12E-07	1.33E-08	5.93	8.696558	1.44E-01	25745768	25745891	NC_000013.10
cg13550729	1.12E-07	1.33E-08	5.93	8.696053	4.83E-02	19983475	19983598	NC_000001.10
cg16583552	1.12E-07	1.33E-08	5.93	8.6957704	1.13E-01	140553150	140553273	NC_000005.9
cg06187080	1.12E-07	1.33E-08	5.93	8.6956646	6.30E-02	232573578	232573701	NC_000001.10
cg13449354	1.12E-07	1.33E-08	5.93	8.6956131	3.46E-02	1270923	1271046	NC_000005.9
cg14071179	1.12E-07	1.33E-08	5.93	8.6954942	1.42E-01	122435081	122435204	NC_000005.9
cg03899654	1.12E-07	1.33E-08	5.93	8.6936299	6.04E-02	45361964	45362087	NC_000021.8
cg08774969	1.12E-07	1.33E-08	5.93	8.6932676	2.72E-02	1006240	1006363	NC_000004.11

cg23418066	1.12E-07	1.33E-08	5.93	8.6930417	3.51E-02	113802956	113803079	NC_000013.10
cg13906811	1.13E-07	1.33E-08	5.93	8.6915946	1.34E-01	50575093	50575216	NC_000002.11
cg10285337	1.13E-07	1.33E-08	5.93	8.6914193	1.50E-01	84815543	84815666	NC_000007.13
cg22526531	1.13E-07	1.33E-08	5.93	8.6909663	7.45E-02	35913782	35913905	NC_000001.10
cg16198087	1.13E-07	1.33E-08	5.93	8.6902507	1.37E-01	124783254	124783377	NC_000002.11
cg22153407	1.13E-07	1.33E-08	5.93	8.6895518	8.20E-02	230290089	230290212	NC_000001.10
cg20435725	1.13E-07	1.34E-08	5.93	8.6880144	1.79E-01	107103716	107103839	NC_000002.11
cg27096807	1.13E-07	1.34E-08	5.93	8.6877745	5.86E-02	111442336	111442459	NC_000003.11
cg18806140	1.13E-07	1.34E-08	5.93	8.6858646	1.30E-01	79739278	79739401	NC_000002.11
cg14015226	1.13E-07	1.34E-08	5.93	8.6858413	3.72E-02	42317273	42317396	NC_000004.11
cg00250430	1.13E-07	1.34E-08	5.93	8.6850795	1.78E-01	1051579	1051702	NC_000009.11
cg11647681	1.13E-07	1.34E-08	5.93	8.685067	1.30E-01	140810161	140810284	NC_000005.9
cg21190804	1.13E-07	1.34E-08	5.93	8.6845465	1.01E-01	8398718	8398841	NC_000012.11
cg16419526	1.13E-07	1.34E-08	5.93	8.6844923	3.45E-02	61634294	61634417	NC_000018.9
cg25776440	1.13E-07	1.34E-08	5.93	8.6834134	3.37E-02	3613710	3613833	NC_000010.10
cg18303437	1.14E-07	1.34E-08	5.93	8.6832457	1.22E-01	137228423	137228546	NC_000003.11
cg25386954	1.14E-07	1.35E-08	5.93	8.6815397	4.82E-02	60640139	60640262	NC_000005.9
cg11122795	1.14E-07	1.35E-08	5.93	8.6812182	2.52E-02	194071770	194071893	NC_000003.11
cg05827312	1.14E-07	1.35E-08	5.93	8.6808123	1.36E-01	28394966	28395089	NC_000013.10
cg22770135	1.14E-07	1.35E-08	5.93	8.6796775	1.49E-01	135701240	135701363	NC_000005.9
cg25498489	1.14E-07	1.35E-08	5.93	8.6758314	1.65E-01	8230483	8230606	NC_000017.10
cg17726535	1.14E-07	1.36E-08	5.93	8.674679	1.21E-01	15441195	15441318	NC_000019.9
cg08977390	1.15E-07	1.36E-08	5.93	8.6742228	1.14E-01	30139594	30139717	NC_000006.11
cg19504005	1.15E-07	1.36E-08	5.93	8.6731628	1.63E-01	70346417	70346540	NC_000014.8
cg23902105	1.15E-07	1.36E-08	5.93	8.6729666	9.07E-02	22009091	22009214	NC_000006.11

cg13422767	1.15E-07	1.36E-08	5.93	8.6726878	3.56E-02	91156455	91156578	NC_000009.11
cg14544505	1.15E-07	1.36E-08	5.93	8.6722056	6.00E-02	12325956	12326079	NC_000018.9
cg26088662	1.15E-07	1.36E-08	5.93	8.6714026	1.22E-01	159399005	159399128	NC_000005.9
cg23035024	1.15E-07	1.36E-08	5.93	8.6710721	1.35E-01	221701682	221701805	NC_000002.11
cg18141828	1.15E-07	1.36E-08	5.93	8.6691448	1.68E-01	29139121	29139244	NC_000001.10
cg08606911	1.15E-07	1.36E-08	5.93	8.6682744	1.73E-01	165325231	165325354	NC_000001.10
cg05353884	1.15E-07	1.36E-08	5.93	8.6682297	9.00E-02	26226203	26226326	NC_000006.11
cg21779954	1.15E-07	1.36E-08	5.93	8.667997	6.17E-02	133681160	133681283	NC_000005.9
cg02602550	1.15E-07	1.37E-08	5.93	8.6651833	1.13E-01	55360333	55360456	NC_000016.9
cg14908994	1.15E-07	1.37E-08	5.93	8.6651683	9.30E-02	41695752	41695875	NC_000019.9
cg05025159	1.16E-07	1.37E-08	5.93	8.6650314	3.77E-02	241905733	241905856	NC_000002.11
cg00658161	1.16E-07	1.37E-08	5.93	8.6642978	4.51E-02	27279957	27280080	NC_000008.10
cg24388251	1.16E-07	1.37E-08	5.93	8.6639903	1.20E-01	55618220	55618343	NC_000008.10
cg02583633	1.16E-07	1.37E-08	5.93	8.663188	1.58E-01	175192013	175192136	NC_000002.11
cg26105076	1.16E-07	1.37E-08	5.93	8.6625558	8.29E-02	63561037	63561160	NC_000007.13
cg13548361	1.16E-07	1.37E-08	5.93	8.6616233	1.20E-01	104178949	104179072	NC_000010.10
cg07085962	1.16E-07	1.38E-08	5.93	8.6605322	1.05E-01	27280010	27280133	NC_000006.11
cg01283289	1.16E-07	1.38E-08	5.93	8.660217	1.28E-01	81472177	81472300	NC_000012.11
cg06187528	1.16E-07	1.38E-08	5.93	8.6600793	5.92E-02	200330607	200330730	NC_000001.10
cg12542255	1.16E-07	1.38E-08	5.93	8.6597761	1.51E-01	45976195	45976318	NC_000019.9
cg13343502	1.16E-07	1.38E-08	5.93	8.6593282	5.89E-02	29999887	30000010	NC_000006.11
cg02256455	1.16E-07	1.38E-08	5.93	8.6588178	7.63E-02	104165475	104165598	NC_000014.8
cg07277190	1.16E-07	1.38E-08	5.93	8.6579998	3.97E-02	48723631	48723754	NC_000012.11
cg17522241	1.16E-07	1.38E-08	5.93	8.6578994	5.90E-02	161355643	161355766	NC_000001.10
cg26735980	1.16E-07	1.38E-08	5.93	8.6567263	1.39E-01	83195465	83195588	NC_000016.9

cg01722493	1.16E-07	1.38E-08	5.93	8.6566645	8.88E-02	166570199	166570322	NC_000006.11
cg09009788	1.16E-07	1.38E-08	5.93	8.6566247	5.40E-02	77894098	77894221	NC_000013.10
cg01388649	1.16E-07	1.38E-08	5.93	8.6559985	1.25E-01	46810768	46810891	NC_000017.10
cg11638181	1.16E-07	1.38E-08	5.93	8.6558656	2.04E-01	43602420	43602543	NC_000011.9
cg15627347	1.16E-07	1.38E-08	5.93	8.6558396	9.77E-02	57472504	57472627	NC_000007.13
cg11540007	1.16E-07	1.38E-08	5.93	8.6556628	1.77E-01	145274975	145275098	NC_000002.11
cg06846819	1.17E-07	1.38E-08	5.93	8.6554776	8.36E-03	68850022	68850145	NC_000011.9
cg21435316	1.17E-07	1.38E-08	5.93	8.6551072	1.10E-01	32110718	32110841	NC_000006.11
cg11409659	1.17E-07	1.38E-08	5.93	8.6548097	1.80E-01	85305829	85305952	NC_000012.11
cg15912800	1.17E-07	1.38E-08	5.93	8.6547084	1.66E-01	27209197	27209320	NC_000007.13
cg22332577	1.17E-07	1.38E-08	5.93	8.6540668	5.00E-02	30925694	30925817	NC_000008.10
cg07718813	1.17E-07	1.38E-08	5.93	8.6535009	8.49E-02	6640976	6641099	NC_000001.10
cg15052214	1.17E-07	1.39E-08	5.93	8.6533655	5.58E-02	132426938	132427061	NC_000012.11
cg02008651	1.17E-07	1.39E-08	5.93	8.6532772	1.61E-01	29247148	29247271	NC_000014.8
cg13587621	1.17E-07	1.39E-08	5.93	8.6521069	5.94E-02	95497984	95498107	NC_000009.11
cg13027493	1.17E-07	1.39E-08	5.93	8.6516867	1.58E-01	43153392	43153515	NC_000007.13
cg00148355	1.17E-07	1.39E-08	5.93	8.6509824	6.17E-02	31538871	31538994	NC_000016.9
cg04260368	1.17E-07	1.39E-08	5.92	8.6508045	1.62E-01	1401775	1401898	NC_000019.9
cg05077122	1.17E-07	1.39E-08	5.92	8.6504311	3.96E-02	27737078	27737201	NC_000008.10
cg03682719	1.17E-07	1.39E-08	5.92	8.6500251	1.35E-01	28584103	28584226	NC_000006.11
cg24181771	1.17E-07	1.39E-08	5.92	8.6486769	1.81E-01	28706472	28706595	NC_000006.11
cg19812514	1.17E-07	1.39E-08	5.92	8.6484016	3.89E-02	1092200	1092323	NC_000011.9
cg26358950	1.17E-07	1.39E-08	5.92	8.6473168	6.40E-02	7301491	7301614	NC_000004.11
cg04988423	1.17E-07	1.39E-08	5.92	8.6468333	1.68E-01	44331577	44331700	NC_000011.9
cg12743419	1.18E-07	1.40E-08	5.92	8.6460706	9.23E-02	33464523	33464646	NC_000010.10

cg16115841	1.18E-07	1.40E-08	5.92	8.6439035	1.52E-01	107502023	107502146	NC_000002.11
cg05357131	1.18E-07	1.40E-08	5.92	8.6438158	5.50E-02	124535348	124535471	NC_000009.11
cg18373878	1.18E-07	1.40E-08	5.92	8.6432751	1.13E-01	101192860	101192983	NC_000014.8
cg14362630	1.18E-07	1.40E-08	5.92	8.6424563	1.89E-01	133308669	133308792	NC_000009.11
cg08478125	1.18E-07	1.40E-08	5.92	8.6419839	1.10E-01	44318634	44318757	NC_000010.10
cg14442421	1.18E-07	1.40E-08	5.92	8.6416051	1.55E-01	19788257	19788380	NC_000009.11
cg11988476	1.18E-07	1.40E-08	5.92	8.6411688	4.56E-02	46368090	46368213	NC_000021.8
cg19962750	1.18E-07	1.40E-08	5.92	8.6405609	1.52E-01	96655444	96655567	NC_000007.13
cg16134139	1.18E-07	1.41E-08	5.92	8.6389796	2.13E-02	20042353	20042476	NC_000007.13
cg09002358	1.18E-07	1.41E-08	5.92	8.638877	1.28E-01	57541568	57541691	NC_000005.9
cg15690342	1.18E-07	1.41E-08	5.92	8.6382591	1.82E-01	72594851	72594974	NC_000005.9
cg19256656	1.19E-07	1.41E-08	5.92	8.6373527	9.58E-02	30579560	30579683	NC_000006.11
cg02428056	1.19E-07	1.41E-08	5.92	8.6372088	1.10E-01	37125872	37125995	NC_000014.8
cg13972343	1.19E-07	1.41E-08	5.92	8.637188	1.40E-01	176932149	176932272	NC_000002.11
cg21039380	1.19E-07	1.41E-08	5.92	8.6371005	1.06E-01	30040152	30040275	NC_000011.9
cg11737232	1.19E-07	1.41E-08	5.92	8.6362366	1.65E-01	60981638	60981761	NC_000014.8
cg10988368	1.19E-07	1.41E-08	5.92	8.6360237	5.34E-02	2293305	2293428	NC_000011.9
cg04931238	1.19E-07	1.41E-08	5.92	8.6358644	1.27E-01	118361224	118361347	NC_000002.11
cg00369852	1.19E-07	1.41E-08	5.92	8.6356913	1.56E-01	25897148	25897271	NC_000007.13
cg07335915	1.19E-07	1.41E-08	5.92	8.6356157	9.20E-02	86528332	86528455	NC_000016.9
cg05290058	1.19E-07	1.41E-08	5.92	8.6347159	1.11E-01	2890551	2890674	NC_000011.9
cg24875250	1.19E-07	1.41E-08	5.92	8.6344605	6.73E-02	134735402	134735525	NC_000010.10
cg15233380	1.19E-07	1.41E-08	5.92	8.6340593	8.82E-02	26620612	26620735	NC_000013.10
cg26763155	1.19E-07	1.41E-08	5.92	8.6337017	6.30E-02	109276654	109276777	NC_000013.10
cg26635955	1.19E-07	1.41E-08	5.92	8.6334507	6.08E-02	19654258	19654381	NC_000019.9

cg01518188	1.19E-07	1.41E-08	5.92	8.6334145	2.01E-01	30718238	30718361	NC_000019.9
cg10323921	1.19E-07	1.41E-08	5.92	8.6329158	9.64E-02	127940906	127941029	NC_000012.11
cg09884107	1.20E-07	1.42E-08	5.92	8.6288855	1.03E-01	34609538	34609661	NC_000010.10
cg05991054	1.20E-07	1.42E-08	5.92	8.6284378	4.07E-02	67913221	67913344	NC_000012.11
cg24347098	1.20E-07	1.42E-08	5.92	8.6283969	7.04E-02	113456650	113456773	NC_000001.10
cg24114371	1.20E-07	1.42E-08	5.92	8.6280524	7.99E-02	2389665	2389788	NC_000019.9
cg22097249	1.20E-07	1.42E-08	5.92	8.6279321	1.10E-01	42122113	42122236	NC_000004.11
cg17512539	1.20E-07	1.42E-08	5.92	8.6270458	8.34E-02	29404724	29404847	NC_000006.11
cg05996052	1.20E-07	1.42E-08	5.92	8.6269377	1.60E-01	117950473	117950596	NC_000008.10
cg18855429	1.20E-07	1.42E-08	5.92	8.6264275	1.03E-01	134803138	134803261	NC_000010.10
cg27629977	1.20E-07	1.42E-08	5.92	8.6262084	1.48E-01	80531633	80531756	NC_000002.11
cg17397150	1.20E-07	1.43E-08	5.92	8.624963	1.37E-01	101840567	101840690	NC_000006.11
cg22336180	1.20E-07	1.43E-08	5.92	8.6244335	4.28E-02	48562943	48563066	NC_000012.11
cg04231427	1.20E-07	1.43E-08	5.92	8.6238743	9.78E-02	98039462	98039585	NC_000014.8
cg03896752	1.20E-07	1.43E-08	5.92	8.6237722	5.69E-02	245727658	245727781	NC_000001.10
cg13486354	1.20E-07	1.43E-08	5.92	8.623531	2.56E-01	32931082	32931205	NC_000021.8
cg10372525	1.20E-07	1.43E-08	5.92	8.6227686	4.93E-02	72542758	72542881	NC_000017.10
cg12659114	1.20E-07	1.43E-08	5.92	8.6222356	5.01E-02	75524062	75524185	NC_000017.10
cg14959580	1.20E-07	1.43E-08	5.92	8.6220976	1.27E-01	1402198	1402321	NC_000004.11
cg19349555	1.20E-07	1.43E-08	5.92	8.6214897	6.42E-02	20279436	20279559	NC_000015.9
cg16355785	1.20E-07	1.43E-08	5.92	8.6211506	1.63E-01	161274751	161274874	NC_000005.9
cg24001710	1.21E-07	1.43E-08	5.92	8.6191055	1.40E-01	119606695	119606818	NC_000002.11
cg11235498	1.21E-07	1.44E-08	5.92	8.6182843	1.71E-01	140771656	140771779	NC_000003.11
cg16221555	1.21E-07	1.44E-08	5.92	8.617598	7.36E-02	134694351	134694474	NC_000010.10
cg14338830	1.21E-07	1.44E-08	5.92	8.6174126	8.56E-02	169568946	169569069	NC_000006.11



cg26511321	1.21E-07	1.44E-08	5.92	8.6171455	1.25E-01	27196790	27196913	NC_000007.13
cg16491617	1.21E-07	1.44E-08	5.92	8.6165972	2.11E-01	54164391	54164514	NC_000008.10
cg14299483	1.21E-07	1.44E-08	5.92	8.6164681	8.19E-02	101967780	101967903	NC_000014.8
cg15665646	1.21E-07	1.44E-08	5.92	8.6158659	1.37E-01	27112119	27112242	NC_000015.9
cg13554086	1.21E-07	1.44E-08	5.92	8.6158162	1.74E-01	76507100	76507223	NC_000005.9
cg11737879	1.21E-07	1.44E-08	5.92	8.614912	1.35E-01	143779064	143779187	NC_000006.11
cg17774672	1.21E-07	1.44E-08	5.92	8.614714	1.04E-01	25898541	25898664	NC_000007.13
cg26406176	1.21E-07	1.44E-08	5.92	8.614445	9.00E-02	19919158	19919281	NC_000013.10
cg04348183	1.21E-07	1.44E-08	5.92	8.6142602	6.53E-02	31193990	31194113	NC_000001.10
cg13587449	1.21E-07	1.44E-08	5.92	8.6137597	4.11E-02	72240883	72241006	NC_000010.10
cg21152690	1.21E-07	1.44E-08	5.92	8.6136797	1.71E-01	81331660	81331783	NC_000012.11
cg25254825	1.21E-07	1.44E-08	5.92	8.6134643	1.51E-01	128850696	128850819	NC_000012.11
cg11788447	1.21E-07	1.44E-08	5.92	8.6131264	6.53E-02	142350581	142350704	NC_000008.10
cg23948391	1.22E-07	1.45E-08	5.92	8.6111028	1.35E-01	20150114	20150237	NC_000015.9
cg11867257	1.22E-07	1.45E-08	5.92	8.6107402	1.60E-01	89854334	89854457	NC_000005.9
cg19439706	1.22E-07	1.45E-08	5.92	8.6103412	1.70E-01	72987872	72987995	NC_000008.10
cg18208707	1.22E-07	1.45E-08	5.92	8.6082972	2.17E-01	47210318	47210441	NC_000017.10
cg13031611	1.22E-07	1.45E-08	5.92	8.608218	1.16E-01	115132761	115132884	NC_000012.11
cg22023448	1.22E-07	1.45E-08	5.92	8.6079875	3.38E-02	20446641	20446764	NC_000001.10
cg09430976	1.22E-07	1.45E-08	5.92	8.6078198	1.47E-01	25907314	25907437	NC_000008.10
cg19078334	1.22E-07	1.45E-08	5.92	8.6077014	1.89E-02	113019254	113019377	NC_000009.11
cg11597475	1.22E-07	1.45E-08	5.92	8.6072463	2.57E-01	57976431	57976554	NC_000004.11
cg18181196	1.22E-07	1.46E-08	5.92	8.6044446	1.25E-01	217308156	217308279	NC_000001.10
cg06966811	1.22E-07	1.46E-08	5.92	8.6042261	1.13E-01	57276789	57276912	NC_000014.8
cg19430164	1.22E-07	1.46E-08	5.92	8.6040283	1.19E-01	42130777	42130900	NC_000017.10

cg03959945	1.22E-07	1.46E-08	5.92	8.6039002	4.27E-02	208326650	208326773	NC_000001.10
cg10641939	1.22E-07	1.46E-08	5.92	8.6036951	8.97E-02	147973149	147973272	NC_000002.11
cg23760873	1.22E-07	1.46E-08	5.92	8.6035126	7.21E-02	53805086	53805209	NC_000017.10
cg13431464	1.22E-07	1.46E-08	5.92	8.6027463	9.71E-02	12880767	12880890	NC_000018.9
cg24047377	1.23E-07	1.46E-08	5.91	8.6005033	1.44E-01	156595178	156595301	NC_000001.10
cg09047034	1.23E-07	1.46E-08	5.91	8.5998728	8.00E-02	38762714	38762837	NC_000002.11
cg25218453	1.23E-07	1.46E-08	5.91	8.5996335	1.20E-01	28603027	28603150	NC_000006.11
cg15687746	1.23E-07	1.46E-08	5.91	8.599284	5.50E-02	5371153	5371276	NC_000017.10
cg22583148	1.23E-07	1.47E-08	5.91	8.5986188	1.21E-01	46674041	46674164	NC_000017.10
cg02434035	1.23E-07	1.47E-08	5.91	8.598124	1.48E-01	1273835	1273958	NC_000007.13
cg16181396	1.23E-07	1.47E-08	5.91	8.5976374	1.39E-01	147126206	147126329	NC_000003.11
cg04326854	1.23E-07	1.47E-08	5.91	8.5967022	1.49E-01	166075453	166075576	NC_000006.11
cg11893488	1.23E-07	1.47E-08	5.91	8.5963059	4.41E-02	111144464	111144587	NC_000013.10
cg13291666	1.24E-07	1.47E-08	5.91	8.5934063	6.78E-02	19279823	19279946	NC_000017.10
cg27442349	1.24E-07	1.47E-08	5.91	8.5930576	6.20E-02	39389219	39389342	NC_000019.9
cg22646995	1.24E-07	1.47E-08	5.91	8.5927145	1.22E-01	180541779	180541902	NC_000005.9
cg21852550	1.24E-07	1.47E-08	5.91	8.5923903	1.06E-01	1850447	1850570	NC_000002.11
cg09889477	1.24E-07	1.48E-08	5.91	8.591865	1.04E-01	75881093	75881216	NC_000017.10
cg26886708	1.24E-07	1.48E-08	5.91	8.5905968	1.16E-01	112550454	112550577	NC_000013.10
cg18512156	1.24E-07	1.48E-08	5.91	8.5900562	9.38E-02	172661970	172662093	NC_000005.9
cg15865892	1.24E-07	1.48E-08	5.91	8.5894753	6.56E-02	107201149	107201272	NC_000002.11
cg04749646	1.24E-07	1.48E-08	5.91	8.5883568	1.56E-01	217236630	217236753	NC_000002.11
cg10139151	1.24E-07	1.48E-08	5.91	8.5883246	5.10E-02	29549352	29549475	NC_000006.11
cg09320079	1.24E-07	1.48E-08	5.91	8.5878451	5.39E-02	29247076	29247199	NC_000016.9
cg07903918	1.24E-07	1.48E-08	5.91	8.5860109	1.38E-01	101471986	101472109	NC_000009.11

cg10655046	1.24E-07	1.48E-08	5.91	8.5857564	7.53E-02	114257020	114257143	NC_000002.11
cg14296446	1.25E-07	1.49E-08	5.91	8.5853067	3.10E-02	74683524	74683647	NC_000014.8
cg13009098	1.25E-07	1.49E-08	5.91	8.5852465	1.15E-01	130976551	130976674	NC_000012.11
cg13459764	1.25E-07	1.49E-08	5.91	8.5844724	3.87E-02	140510480	140510603	NC_000009.11
cg10781087	1.25E-07	1.49E-08	5.91	8.5825006	8.94E-02	25916755	25916878	NC_000001.10
cg05283685	1.25E-07	1.49E-08	5.91	8.5822843	8.93E-02	92001577	92001700	NC_000011.9
cg06139836	1.25E-07	1.49E-08	5.91	8.5822205	1.32E-01	131762961	131763084	NC_000010.10
cg27398720	1.25E-07	1.49E-08	5.91	8.5821666	9.24E-02	111541173	111541296	NC_000004.11
cg08943180	1.25E-07	1.49E-08	5.91	8.5813007	8.00E-02	244516022	244516145	NC_000001.10
cg22951263	1.25E-07	1.49E-08	5.91	8.5804661	1.71E-01	87985283	87985406	NC_000005.9
cg05316415	1.25E-07	1.49E-08	5.91	8.579568	9.73E-02	134999675	134999798	NC_000010.10
cg23780491	1.25E-07	1.49E-08	5.91	8.5793047	3.12E-02	33667492	33667615	NC_000011.9
cg10083898	1.25E-07	1.50E-08	5.91	8.5788965	1.80E-01	66123380	66123503	NC_000012.11
cg09591524	1.25E-07	1.50E-08	5.91	8.5780705	1.29E-01	27150031	27150154	NC_000007.13
cg03867003	1.25E-07	1.50E-08	5.91	8.5778412	7.66E-02	124751257	124751380	NC_000011.9
cg11615755	1.25E-07	1.50E-08	5.91	8.5776242	1.10E-01	63257867	63257990	NC_000005.9
cg13660655	1.26E-07	1.50E-08	5.91	8.5764567	1.59E-01	69062621	69062744	NC_000007.13
cg12980788	1.26E-07	1.50E-08	5.91	8.5750063	8.73E-02	55641084	55641207	NC_000011.9
cg01579289	1.26E-07	1.50E-08	5.91	8.5749133	2.10E-01	71503740	71503863	NC_000002.11
cg22003366	1.26E-07	1.50E-08	5.91	8.5748856	1.89E-01	119800143	119800266	NC_000005.9
cg12590600	1.26E-07	1.50E-08	5.91	8.5746892	7.56E-02	644758	644881	NC_000020.10
cg07776626	1.26E-07	1.50E-08	5.91	8.5746316	9.25E-02	57350775	57350898	NC_000008.10
cg10068300	1.26E-07	1.50E-08	5.91	8.5734753	1.65E-01	11752215	11752338	NC_000018.9
cg24937306	1.26E-07	1.50E-08	5.91	8.5732411	5.45E-02	34940794	34940917	NC_000011.9
cg01097180	1.26E-07	1.50E-08	5.91	8.5727194	9.13E-02	3225044	3225167	NC_000016.9

cg19759671	1.26E-07	1.50E-08	5.91	8.5726726	1.31E-01	183063459	183063582	NC_000004.11
cg18251035	1.26E-07	1.51E-08	5.91	8.5720646	3.72E-02	97922208	97922331	NC_000007.13
cg21245277	1.26E-07	1.51E-08	5.91	8.5720178	1.93E-01	185463218	185463341	NC_000002.11
cg05785155	1.26E-07	1.51E-08	5.91	8.5705151	1.31E-01	182547401	182547524	NC_000002.11
cg05963690	1.26E-07	1.51E-08	5.91	8.5690441	7.05E-02	71163466	71163589	NC_000011.9
cg14203158	1.27E-07	1.51E-08	5.91	8.5680116	9.59E-02	13206513	13206636	NC_000010.10
cg08171483	1.27E-07	1.52E-08	5.91	8.5638346	4.15E-02	38010391	38010514	NC_000003.11
cg07393736	1.27E-07	1.52E-08	5.91	8.5637415	1.94E-01	172167810	172167933	NC_000003.11
cg12918460	1.27E-07	1.52E-08	5.91	8.5635924	5.14E-02	31003719	31003842	NC_000007.13
cg00500229	1.27E-07	1.52E-08	5.91	8.5629065	1.44E-01	243054071	243054194	NC_000001.10
cg10458080	1.27E-07	1.52E-08	5.91	8.5623383	1.25E-01	112178900	112179023	NC_000012.11
cg21914290	1.27E-07	1.52E-08	5.91	8.5622016	1.44E-01	170635960	170636083	NC_000001.10
cg02650017	1.27E-07	1.52E-08	5.91	8.5617326	1.08E-01	47301614	47301737	NC_000017.10
cg10304637	1.27E-07	1.52E-08	5.91	8.5614456	1.74E-01	6003220	6003343	NC_000006.11
cg11383165	1.27E-07	1.52E-08	5.91	8.5608812	1.02E-01	56002283	56002406	NC_000019.9
cg25387865	1.28E-07	1.52E-08	5.91	8.5604668	4.34E-02	167717313	167717436	NC_000006.11
cg16876315	1.28E-07	1.52E-08	5.91	8.560182	1.47E-01	170947005	170947128	NC_000004.11
cg26715571	1.28E-07	1.52E-08	5.91	8.5599585	1.81E-01	50554280	50554403	NC_000019.9
cg08854397	1.28E-07	1.52E-08	5.91	8.5595663	1.82E-01	30716182	30716305	NC_000019.9
cg22390023	1.28E-07	1.53E-08	5.91	8.5594577	4.55E-02	95997732	95997855	NC_000011.9
cg01799521	1.28E-07	1.53E-08	5.91	8.5578665	2.74E-02	39305163	39305286	NC_000001.10
cg05759166	1.28E-07	1.53E-08	5.91	8.5577984	7.44E-02	10452896	10453019	NC_000008.10
cg02010196	1.28E-07	1.53E-08	5.91	8.5562701	1.56E-01	146889275	146889398	NC_000005.9
cg03612914	1.28E-07	1.53E-08	5.91	8.5562477	2.97E-02	44016176	44016299	NC_000013.10
cg02804087	1.28E-07	1.53E-08	5.91	8.5560623	2.06E-01	43972969	43973092	NC_000017.10

cg00480389	1.28E-07	1.53E-08	5.91	8.5558474	1.24E-01	54580133	54580256	NC_000020.10
cg01284666	1.28E-07	1.53E-08	5.91	8.5556738	1.47E-01	143070242	143070365	NC_000008.10
cg14651504	1.28E-07	1.53E-08	5.91	8.555216	9.15E-02	50961428	50961551	NC_000013.10
cg26588398	1.28E-07	1.53E-08	5.91	8.5550076	2.14E-02	22214346	22214469	NC_000016.9
cg09071889	1.28E-07	1.53E-08	5.91	8.5539939	1.46E-01	80523413	80523536	NC_000008.10
cg05021846	1.28E-07	1.53E-08	5.91	8.5534207	1.70E-01	48485293	48485416	NC_000004.11
cg04095923	1.29E-07	1.54E-08	5.91	8.5516629	2.16E-02	37839286	37839409	NC_000021.8
cg26672452	1.29E-07	1.54E-08	5.91	8.5504159	1.03E-01	88794582	88794705	NC_000016.9
cg24535918	1.29E-07	1.54E-08	5.9	8.5502042	9.46E-02	52429399	52429522	NC_000001.10
cg06375949	1.29E-07	1.54E-08	5.9	8.5497681	1.41E-01	4863356	4863479	NC_000004.11
cg18355902	1.29E-07	1.54E-08	5.9	8.5495115	1.91E-01	154681128	154681251	NC_000004.11
cg27041619	1.29E-07	1.54E-08	5.9	8.5494158	7.54E-02	164172504	164172627	NC_000006.11
cg21926804	1.29E-07	1.54E-08	5.9	8.5493294	5.93E-02	10555382	10555505	NC_000008.10
cg23248910	1.29E-07	1.54E-08	5.9	8.549102	1.04E-01	123270070	123270193	NC_000010.10
cg10570754	1.29E-07	1.54E-08	5.9	8.5489658	1.12E-01	5589444	5589567	NC_000012.11
cg23182239	1.29E-07	1.54E-08	5.9	8.5482924	3.35E-02	152157462	152157585	NC_000004.11
cg10195169	1.29E-07	1.54E-08	5.9	8.5480522	1.44E-01	130590294	130590417	NC_000012.11
cg17997207	1.29E-07	1.54E-08	5.9	8.5478031	5.21E-02	17711022	17711145	NC_000004.11
cg07911171	1.29E-07	1.54E-08	5.9	8.5477777	9.62E-02	7340656	7340779	NC_000001.10
cg23413066	1.29E-07	1.54E-08	5.9	8.5476066	1.32E-01	13548755	13548878	NC_000004.11
cg02504416	1.29E-07	1.54E-08	5.9	8.547147	1.85E-01	44331629	44331752	NC_000011.9
cg12920180	1.29E-07	1.54E-08	5.9	8.5470788	1.64E-01	31344444	31344567	NC_000014.8
cg20700719	1.29E-07	1.55E-08	5.9	8.5454509	3.27E-02	116410553	116410676	NC_000012.11
cg01433610	1.29E-07	1.55E-08	5.9	8.5452384	1.88E-01	5403879	5404002	NC_000017.10
cg11863380	1.29E-07	1.55E-08	5.9	8.5451506	1.41E-01	95094981	95095104	NC_000005.9

cg23257289	1.29E-07	1.55E-08	5.9	8.5444515	1.22E-01	62490552	62490675	NC_000012.11
cg15778012	1.29E-07	1.55E-08	5.9	8.5443854	1.57E-01	43601125	43601248	NC_000011.9
cg14887335	1.29E-07	1.55E-08	5.9	8.5442257	3.94E-02	123761683	123761806	NC_000004.11
cg00783409	1.30E-07	1.55E-08	5.9	8.5427867	7.97E-02	1789288	1789411	NC_000008.10
cg00384537	1.30E-07	1.55E-08	5.9	8.5415888	5.63E-02	39637963	39638086	NC_000017.10
cg20617583	1.30E-07	1.55E-08	5.9	8.5415473	8.32E-02	124609317	124609440	NC_000011.9
cg01519877	1.30E-07	1.55E-08	5.9	8.5414743	1.74E-01	39989802	39989925	NC_000019.9
cg26075408	1.30E-07	1.55E-08	5.9	8.5412846	1.02E-01	203006406	203006529	NC_000002.11
cg23656322	1.30E-07	1.55E-08	5.9	8.5410223	7.90E-02	153533922	153534045	NC_000001.10
cg16235891	1.30E-07	1.56E-08	5.9	8.5403881	8.92E-02	158243546	158243669	NC_000007.13
cg11100117	1.30E-07	1.56E-08	5.9	8.5389124	3.81E-02	78973691	78973814	NC_000017.10
cg09194159	1.30E-07	1.56E-08	5.9	8.5388937	2.01E-01	46655588	46655711	NC_000017.10
cg13672200	1.30E-07	1.56E-08	5.9	8.5388451	1.11E-01	54387530	54387653	NC_000012.11
cg26761826	1.30E-07	1.56E-08	5.9	8.5386476	1.38E-01	67419572	67419695	NC_000008.10
cg14718250	1.30E-07	1.56E-08	5.9	8.5383397	1.03E-01	53359731	53359854	NC_000006.11
cg14858267	1.30E-07	1.56E-08	5.9	8.5377527	1.74E-01	44037760	44037883	NC_000003.11
cg27443779	1.30E-07	1.56E-08	5.9	8.5372536	1.11E-01	14664793	14664916	NC_000011.9
cg04282138	1.30E-07	1.56E-08	5.9	8.5371065	1.03E-01	98511226	98511349	NC_000001.10
cg09998591	1.30E-07	1.56E-08	5.9	8.5364435	6.77E-02	2891402	2891525	NC_000011.9
cg00353330	1.31E-07	1.56E-08	5.9	8.5358696	8.17E-02	101715708	101715831	NC_000004.11
cg27310219	1.31E-07	1.56E-08	5.9	8.534679	6.48E-02	81240445	81240568	NC_000007.13
cg22500738	1.31E-07	1.56E-08	5.9	8.5345336	1.07E-01	207928706	207928829	NC_000001.10
cg14372996	1.31E-07	1.57E-08	5.9	8.5339833	1.01E-01	140164191	140164314	NC_000009.11
cg19789755	1.31E-07	1.57E-08	5.9	8.5330339	4.64E-02	56950153	56950276	NC_000007.13
cg04304639	1.31E-07	1.57E-08	5.9	8.532659	3.77E-02	73836075	73836198	NC_000017.10

cg12665669	1.31E-07	1.57E-08	5.9	8.5311925	1.68E-01	4716313	4716436	NC_000001.10
cg16331929	1.31E-07	1.57E-08	5.9	8.5308973	1.45E-01	185937863	185937986	NC_000004.11
cg16725721	1.31E-07	1.57E-08	5.9	8.5304307	1.15E-01	127233742	127233865	NC_000007.13
cg15081351	1.31E-07	1.57E-08	5.9	8.5300867	1.55E-01	26222922	26223045	NC_000010.10
cg24325551	1.31E-07	1.57E-08	5.9	8.5288343	1.20E-01	32421635	32421758	NC_000011.9
cg02115599	1.31E-07	1.57E-08	5.9	8.5284783	1.47E-01	27244564	27244687	NC_000007.13
cg03839322	1.32E-07	1.58E-08	5.9	8.5275123	7.14E-02	57816956	57817079	NC_000016.9
cg04773864	1.32E-07	1.58E-08	5.9	8.5275008	9.11E-02	140744763	140744886	NC_000005.9
cg03486986	1.32E-07	1.58E-08	5.9	8.5271225	1.34E-01	112986285	112986408	NC_000013.10
cg01925738	1.32E-07	1.58E-08	5.9	8.5270924	1.44E-01	140480770	140480893	NC_000005.9
cg25682080	1.32E-07	1.58E-08	5.9	8.5268764	1.16E-01	116663103	116663226	NC_000011.9
cg18111119	1.32E-07	1.58E-08	5.9	8.5229448	1.25E-01	143531582	143531705	NC_000008.10
cg22521269	1.32E-07	1.58E-08	5.9	8.5221093	1.47E-01	88793305	88793428	NC_000014.8
cg04473209	1.32E-07	1.59E-08	5.9	8.5208012	7.24E-02	95029042	95029165	NC_000011.9
cg11585605	1.33E-07	1.59E-08	5.9	8.5194657	8.90E-02	52401955	52402078	NC_000001.10
cg03287108	1.33E-07	1.59E-08	5.9	8.5192332	7.83E-02	28971003	28971126	NC_000001.10
cg02718825	1.33E-07	1.59E-08	5.9	8.5191737	1.22E-01	55202842	55202965	NC_000020.10
cg22970357	1.33E-07	1.59E-08	5.9	8.5185621	1.29E-01	119600408	119600531	NC_000002.11
cg14965220	1.33E-07	1.59E-08	5.9	8.517974	1.55E-01	28034091	28034214	NC_000010.10
cg12632249	1.33E-07	1.59E-08	5.9	8.5171002	7.78E-02	7449638	7449761	NC_000004.11
cg14364356	1.33E-07	1.59E-08	5.9	8.5159654	1.68E-01	44495495	44495618	NC_000021.8
cg08010362	1.33E-07	1.60E-08	5.9	8.5156806	1.82E-01	113723025	113723148	NC_000007.13
cg12392475	1.33E-07	1.60E-08	5.9	8.5155625	6.42E-02	140537692	140537815	NC_000005.9
cg24656271	1.33E-07	1.60E-08	5.9	8.5154619	1.16E-01	140793358	140793481	NC_000005.9
cg11771234	1.33E-07	1.60E-08	5.9	8.5150929	1.09E-01	908396	908519	NC_000018.9

cg13646020	1.33E-07	1.60E-08	5.9	8.5150451	1.42E-01	41750390	41750513	NC_000004.11
cg20233228	1.33E-07	1.60E-08	5.9	8.5138907	1.65E-02	12903610	12903733	NC_000011.9
cg08926365	1.33E-07	1.60E-08	5.9	8.5132529	9.37E-02	112007564	112007687	NC_000006.11
cg02348119	1.33E-07	1.60E-08	5.9	8.5127994	8.59E-02	78003528	78003651	NC_000017.10
cg06878663	1.33E-07	1.60E-08	5.9	8.5125246	1.15E-01	158907110	158907233	NC_000007.13
cg20852364	1.34E-07	1.60E-08	5.9	8.5118937	9.90E-02	30301024	30301147	NC_000003.11
cg15656501	1.34E-07	1.60E-08	5.9	8.5117535	1.40E-01	38612762	38612885	NC_000004.11
cg13704200	1.34E-07	1.60E-08	5.9	8.5116258	4.39E-02	130501184	130501307	NC_000009.11
cg07780348	1.34E-07	1.60E-08	5.9	8.5114698	9.51E-02	118842413	118842536	NC_000011.9
cg20406347	1.34E-07	1.61E-08	5.9	8.5092446	2.41E-02	2288463	2288586	NC_000001.10
cg17583946	1.34E-07	1.61E-08	5.9	8.507839	1.05E-01	63275034	63275157	NC_000002.11
cg25104637	1.34E-07	1.61E-08	5.9	8.507704	7.52E-02	64405452	64405575	NC_000011.9
cg18915143	1.34E-07	1.61E-08	5.9	8.5076322	1.92E-02	149323959	149324082	NC_000005.9
cg20298015	1.34E-07	1.61E-08	5.9	8.5070708	2.07E-02	33316001	33316124	NC_000003.11
cg15898116	1.34E-07	1.61E-08	5.9	8.506919	5.98E-02	186653723	186653846	NC_000001.10
cg25681728	1.34E-07	1.61E-08	5.9	8.5068415	2.09E-02	233153284	233153407	NC_000002.11
cg13833185	1.34E-07	1.61E-08	5.9	8.5056524	5.60E-02	130959182	130959305	NC_000009.11
cg23845889	1.34E-07	1.61E-08	5.9	8.5054543	8.57E-02	17270608	17270731	NC_000008.10
cg19679865	1.35E-07	1.61E-08	5.9	8.5044538	1.27E-01	8467904	8468027	NC_000001.10
cg20660350	1.35E-07	1.61E-08	5.9	8.5041324	8.57E-02	235080297	235080420	NC_000002.11
cg08058213	1.35E-07	1.62E-08	5.9	8.5030347	8.05E-02	156715823	156715946	NC_000004.11
cg09490371	1.35E-07	1.62E-08	5.9	8.5024402	1.24E-01	233253024	233253147	NC_000002.11
cg13284026	1.35E-07	1.62E-08	5.9	8.5005991	2.57E-02	109792450	109792573	NC_000013.10
cg10389114	1.35E-07	1.62E-08	5.9	8.5005403	8.52E-02	58581355	58581478	NC_000016.9
cg09820150	1.35E-07	1.62E-08	5.9	8.5003174	1.35E-01	87985219	87985342	NC_000005.9



cg05937496	1.35E-07	1.62E-08	5.89	8.4979505	1.68E-01	108508207	108508330	NC_000001.10
cg17046247	1.35E-07	1.63E-08	5.89	8.4974691	6.09E-02	1210875	1210998	NC_000012.11
cg02106850	1.35E-07	1.63E-08	5.89	8.4969487	1.35E-01	85474093	85474216	NC_000006.11
cg27175311	1.36E-07	1.63E-08	5.89	8.4967286	1.34E-01	182106345	182106468	NC_000001.10
cg08162222	1.36E-07	1.63E-08	5.89	8.4959021	1.13E-01	115135282	115135405	NC_000012.11
cg23049079	1.36E-07	1.63E-08	5.89	8.4956472	3.55E-02	72430124	72430247	NC_000010.10
cg06804705	1.36E-07	1.63E-08	5.89	8.4956228	8.61E-02	40125580	40125703	NC_000021.8
cg10872457	1.36E-07	1.63E-08	5.89	8.4955668	3.90E-02	53636202	53636325	NC_000012.11
cg24109612	1.36E-07	1.63E-08	5.89	8.4948698	1.53E-01	19838817	19838940	NC_000006.11
cg14311597	1.36E-07	1.63E-08	5.89	8.4945721	1.34E-01	2652531	2652654	NC_000017.10
cg26444951	1.36E-07	1.63E-08	5.89	8.4941508	1.51E-01	13530269	13530392	NC_000004.11
cg02987481	1.36E-07	1.63E-08	5.89	8.4940983	8.70E-02	115881544	115881667	NC_000001.10
cg14644418	1.36E-07	1.63E-08	5.89	8.494089	1.14E-01	129536661	129536784	NC_000010.10
cg16633901	1.36E-07	1.63E-08	5.89	8.4933885	2.27E-01	140773736	140773859	NC_000007.13
cg16294152	1.36E-07	1.64E-08	5.89	8.4915428	9.07E-02	418696	418819	NC_000005.9
cg26877678	1.36E-07	1.64E-08	5.89	8.4907384	1.05E-01	25856540	25856663	NC_000017.10
cg13391079	1.36E-07	1.64E-08	5.89	8.4906005	9.82E-02	25212556	25212679	NC_000013.10
cg01383128	1.36E-07	1.64E-08	5.89	8.4899677	1.11E-01	208629716	208629839	NC_000002.11
cg01189926	1.36E-07	1.64E-08	5.89	8.4897483	5.94E-02	2734480	2734603	NC_000006.11
cg00416458	1.36E-07	1.64E-08	5.89	8.4892775	7.46E-02	1962776	1962899	NC_000004.11
cg07788167	1.37E-07	1.64E-08	5.89	8.488914	8.40E-02	57484272	57484395	NC_000007.13
cg26690999	1.37E-07	1.64E-08	5.89	8.4886268	5.42E-02	129193790	129193913	NC_000011.9
cg06355908	1.37E-07	1.64E-08	5.89	8.4878748	6.80E-02	134897731	134897854	NC_000010.10
cg23412630	1.37E-07	1.64E-08	5.89	8.4871004	5.62E-02	33264534	33264657	NC_000006.11
cg20475322	1.37E-07	1.64E-08	5.89	8.4859685	1.77E-01	121971232	121971355	NC_000011.9

cg14971327	1.37E-07	1.65E-08	5.89	8.4843712	1.41E-01	4230502	4230625	NC_000005.9
cg24643102	1.37E-07	1.65E-08	5.89	8.4843416	1.44E-01	6903921	6904044	NC_000003.11
cg25043050	1.37E-07	1.65E-08	5.89	8.4837909	1.09E-01	129534107	129534230	NC_000010.10
cg00702719	1.37E-07	1.65E-08	5.89	8.4836416	1.14E-01	74025019	74025142	NC_000006.11
cg13096592	1.37E-07	1.65E-08	5.89	8.4831914	7.71E-02	144222103	144222226	NC_000008.10
cg27630311	1.37E-07	1.65E-08	5.89	8.4825078	1.21E-01	115120847	115120970	NC_000012.11
cg02886132	1.37E-07	1.65E-08	5.89	8.4824702	9.49E-02	72296854	72296977	NC_000007.13
cg04182321	1.37E-07	1.65E-08	5.89	8.4821024	1.81E-01	107799979	107800102	NC_000011.9
cg18356799	1.38E-07	1.66E-08	5.89	8.4790926	7.06E-02	28742633	28742756	NC_000018.9
cg15769184	1.38E-07	1.66E-08	5.89	8.4785457	1.07E-01	73519034	73519157	NC_000002.11
cg20545896	1.38E-07	1.66E-08	5.89	8.477861	4.61E-02	141408315	141408438	NC_000007.13
cg04529388	1.38E-07	1.66E-08	5.89	8.4770174	4.24E-02	67678102	67678225	NC_000016.9
cg04273811	1.38E-07	1.66E-08	5.89	8.4768697	1.67E-01	36422059	36422182	NC_000003.11
cg26730416	1.38E-07	1.66E-08	5.89	8.4765594	1.58E-01	4233502	4233625	NC_000011.9
cg14967020	1.38E-07	1.66E-08	5.89	8.4755935	7.46E-02	45277475	45277598	NC_000022.10
cg07559273	1.38E-07	1.66E-08	5.89	8.475169	1.91E-01	27066404	27066527	NC_000014.8
cg08504659	1.38E-07	1.66E-08	5.89	8.4741984	1.13E-01	52734888	52735011	NC_000014.8
cg17597901	1.39E-07	1.67E-08	5.89	8.4734964	9.16E-02	39874082	39874205	NC_000007.13
cg00080188	1.39E-07	1.67E-08	5.89	8.4724311	6.93E-02	21558201	21558324	NC_000010.10
cg13804476	1.39E-07	1.67E-08	5.89	8.4714198	8.15E-02	113976694	113976817	NC_000013.10
cg03556653	1.39E-07	1.67E-08	5.89	8.4712702	1.76E-01	115231501	115231624	NC_000003.11
cg05638059	1.39E-07	1.67E-08	5.89	8.4704862	1.84E-02	79298651	79298774	NC_000015.9
cg18331004	1.39E-07	1.67E-08	5.89	8.4702728	1.54E-01	1784313	1784436	NC_000020.10
cg16167240	1.39E-07	1.67E-08	5.89	8.4694236	1.35E-01	122852284	122852407	NC_000011.9
cg20325092	1.39E-07	1.67E-08	5.89	8.4690068	3.91E-02	75699992	75700115	NC_000012.11

cg26717590	1.39E-07	1.67E-08	5.89	8.4690067	4.39E-02	139925559	139925682	NC_000008.10
cg00855990	1.39E-07	1.68E-08	5.89	8.4666531	1.11E-01	18959354	18959477	NC_000001.10
cg13442432	1.40E-07	1.68E-08	5.89	8.4653821	2.22E-01	43600779	43600902	NC_000011.9
cg19021383	1.40E-07	1.68E-08	5.89	8.4641622	1.52E-01	45922184	45922307	NC_000011.9
cg25266816	1.40E-07	1.68E-08	5.89	8.4637191	5.22E-02	51011701	51011824	NC_000013.10
cg01563031	1.40E-07	1.68E-08	5.89	8.4636274	1.58E-01	20691429	20691552	NC_000011.9
cg22873165	1.40E-07	1.68E-08	5.89	8.4635392	1.10E-01	143459992	143460115	NC_000008.10
cg25399333	1.40E-07	1.68E-08	5.89	8.4633518	5.92E-02	50856824	50856947	NC_000013.10
cg22068570	1.40E-07	1.68E-08	5.89	8.4633303	4.12E-02	20002133	20002256	NC_000020.10
cg05269678	1.40E-07	1.68E-08	5.89	8.462911	6.04E-02	5643158	5643281	NC_000007.13
cg11668053	1.40E-07	1.69E-08	5.89	8.4615262	1.31E-01	194469144	194469267	NC_000003.11
cg03486976	1.40E-07	1.69E-08	5.89	8.4611833	1.33E-01	202978069	202978192	NC_000002.11
cg24893509	1.40E-07	1.69E-08	5.89	8.4607051	7.39E-02	77547348	77547471	NC_000018.9
cg24728898	1.40E-07	1.69E-08	5.89	8.4606069	8.09E-02	94136384	94136507	NC_000007.13
cg18557707	1.40E-07	1.69E-08	5.89	8.4605495	5.48E-02	48922269	48922392	NC_000011.9
cg01820539	1.40E-07	1.69E-08	5.89	8.4602709	1.31E-01	229045122	229045245	NC_000002.11
cg20080624	1.40E-07	1.69E-08	5.89	8.4600021	1.41E-01	96651111	96651234	NC_000007.13
cg04098829	1.40E-07	1.69E-08	5.89	8.4597672	7.80E-02	92744116	92744239	NC_000005.9
cg21725954	1.40E-07	1.69E-08	5.89	8.4594494	1.58E-01	146348890	146349013	NC_000006.11
cg27143370	1.41E-07	1.69E-08	5.89	8.457959	1.30E-01	60795923	60796046	NC_000020.10
cg15270654	1.41E-07	1.69E-08	5.89	8.4579407	1.20E-01	97170666	97170789	NC_000008.10
cg10677245	1.41E-07	1.69E-08	5.89	8.4575936	5.45E-02	1155536	1155659	NC_000011.9
cg24894970	1.41E-07	1.70E-08	5.89	8.4559797	1.40E-01	122655638	122655761	NC_000011.9
cg17675288	1.41E-07	1.70E-08	5.89	8.4552287	6.86E-02	12228482	12228605	NC_000019.9
cg21422672	1.41E-07	1.70E-08	5.89	8.4544568	4.79E-02	46872319	46872442	NC_000021.8

cg22373508	1.41E-07	1.70E-08	5.89	8.452447	8.77E-02	133196647	133196770	NC_000012.11
cg01826682	1.41E-07	1.70E-08	5.89	8.4517286	1.28E-01	105459097	105459220	NC_000002.11
cg15660353	1.41E-07	1.70E-08	5.89	8.4514947	1.26E-01	133378888	133379011	NC_000002.11
cg05894566	1.42E-07	1.70E-08	5.89	8.4511965	5.10E-02	83209752	83209875	NC_000004.11
cg22256853	1.42E-07	1.70E-08	5.89	8.4511549	4.03E-02	111840865	111840988	NC_000003.11
cg22892860	1.42E-07	1.70E-08	5.89	8.4509027	1.54E-01	79746273	79746396	NC_000014.8
cg01729977	1.42E-07	1.71E-08	5.88	8.449474	1.24E-01	140802831	140802954	NC_000005.9
cg13008977	1.42E-07	1.71E-08	5.88	8.4491519	9.61E-02	168271613	168271736	NC_000005.9
cg01368812	1.42E-07	1.71E-08	5.88	8.445912	1.63E-01	11539801	11539924	NC_000001.10
cg24641186	1.42E-07	1.72E-08	5.88	8.4448592	1.25E-01	50804147	50804270	NC_000006.11
cg02580763	1.42E-07	1.72E-08	5.88	8.4445015	8.12E-02	140745892	140746015	NC_000005.9
cg01103582	1.43E-07	1.72E-08	5.88	8.4431096	7.10E-02	480412	480535	NC_000005.9
cg22349396	1.43E-07	1.72E-08	5.88	8.4418539	9.61E-02	4803684	4803807	NC_000017.10
cg07657463	1.43E-07	1.72E-08	5.88	8.4412263	1.09E-01	40753247	40753370	NC_000004.11
cg26197699	1.43E-07	1.72E-08	5.88	8.4393539	1.19E-01	43913755	43913878	NC_000018.9
cg03352427	1.44E-07	1.73E-08	5.88	8.4358964	6.20E-02	154127523	154127646	NC_000001.10
cg25780024	1.44E-07	1.73E-08	5.88	8.4357046	7.52E-02	14348251	14348374	NC_000005.9
cg00538381	1.44E-07	1.73E-08	5.88	8.4348731	7.87E-02	20864068	20864191	NC_000002.11
cg18755531	1.44E-07	1.74E-08	5.88	8.4326219	8.12E-02	110229987	110230110	NC_000005.9
cg04014105	1.44E-07	1.74E-08	5.88	8.4321439	1.53E-01	110797476	110797599	NC_000006.11
cg00321996	1.44E-07	1.74E-08	5.88	8.4320014	8.57E-02	177696327	177696450	NC_000003.11
cg24058805	1.44E-07	1.74E-08	5.88	8.4319915	3.05E-02	66777579	66777702	NC_000001.10
cg11823142	1.44E-07	1.74E-08	5.88	8.4306023	7.23E-02	27018041	27018164	NC_000006.11
cg18669186	1.45E-07	1.74E-08	5.88	8.4297598	1.69E-01	119614594	119614717	NC_000002.11
cg02660347	1.45E-07	1.74E-08	5.88	8.4281398	1.40E-01	64062505	64062628	NC_000012.11

cg02971555	1.45E-07	1.75E-08	5.88	8.4277458	6.50E-02	13935467	13935590	NC_000007.13
cg10311610	1.45E-07	1.75E-08	5.88	8.4275735	1.14E-01	25703900	25704023	NC_000016.9
cg19655557	1.45E-07	1.75E-08	5.88	8.4271366	7.05E-02	216818	216941	NC_000005.9
cg09835408	1.45E-07	1.75E-08	5.88	8.4270182	9.07E-02	31352399	31352522	NC_000020.10
cg22331862	1.45E-07	1.75E-08	5.88	8.4262629	1.06E-01	10857717	10857840	NC_000003.11
cg02921122	1.45E-07	1.75E-08	5.88	8.4262244	1.05E-01	126712074	126712197	NC_000010.10
cg13520026	1.45E-07	1.75E-08	5.88	8.4247128	2.04E-02	97810769	97810892	NC_000009.11
cg11354629	1.45E-07	1.75E-08	5.88	8.4239628	1.50E-01	28366598	28366721	NC_000013.10
cg17140103	1.45E-07	1.75E-08	5.88	8.4239227	7.08E-02	30472139	30472262	NC_000017.10
cg14091473	1.45E-07	1.75E-08	5.88	8.4239219	5.33E-02	103062981	103063104	NC_000009.11
cg11489765	1.46E-07	1.76E-08	5.88	8.42191	6.36E-02	169594942	169595065	NC_000004.11
cg05796331	1.46E-07	1.76E-08	5.88	8.4198427	2.86E-02	133768294	133768417	NC_000010.10
cg00226580	1.46E-07	1.76E-08	5.88	8.4185579	1.23E-01	89000691	89000814	NC_000005.9
cg11724055	1.46E-07	1.76E-08	5.88	8.4184087	1.14E-01	23667475	23667598	NC_000001.10
cg08918749	1.46E-07	1.76E-08	5.88	8.4174627	1.82E-01	19797445	19797568	NC_000008.10
cg04387240	1.46E-07	1.77E-08	5.88	8.4167985	1.33E-01	166402699	166402822	NC_000006.11
cg15486572	1.46E-07	1.77E-08	5.88	8.4167503	8.98E-02	70132171	70132294	NC_000007.13
cg17355329	1.46E-07	1.77E-08	5.88	8.4167223	9.49E-02	76937980	76938103	NC_000005.9
cg02750098	1.46E-07	1.77E-08	5.88	8.4166539	1.05E-01	172656021	172656144	NC_000005.9
cg10993470	1.46E-07	1.77E-08	5.88	8.416591	5.55E-02	55533939	55534062	NC_000008.10
cg26384903	1.46E-07	1.77E-08	5.88	8.4163286	9.08E-02	8620744	8620867	NC_000019.9
cg01138867	1.46E-07	1.77E-08	5.88	8.41599	1.56E-01	160975792	160975915	NC_000005.9
cg24727399	1.46E-07	1.77E-08	5.88	8.415772	1.97E-01	122302265	122302388	NC_000004.11
cg25943503	1.46E-07	1.77E-08	5.88	8.4157699	1.58E-01	36705608	36705731	NC_000013.10
cg13661793	1.47E-07	1.77E-08	5.88	8.4133838	7.06E-02	32399026	32399149	NC_000010.10

cg10032599	1.47E-07	1.77E-08	5.88	8.4130958	1.16E-01	51560612	51560735	NC_000016.9
cg04927931	1.47E-07	1.77E-08	5.88	8.4128486	2.03E-01	100911701	100911824	NC_000006.11
cg13911723	1.47E-07	1.78E-08	5.88	8.4111964	1.87E-01	6655120	6655243	NC_000007.13
cg08406486	1.47E-07	1.78E-08	5.88	8.4095343	1.54E-01	111474016	111474139	NC_000012.11
cg10136354	1.47E-07	1.78E-08	5.88	8.4092713	1.76E-01	73151457	73151580	NC_000002.11
cg17831791	1.48E-07	1.78E-08	5.88	8.4069327	1.53E-01	126712230	126712353	NC_000010.10
cg26967167	1.48E-07	1.78E-08	5.88	8.4069323	1.30E-01	42077061	42077184	NC_000014.8
cg00790126	1.48E-07	1.78E-08	5.88	8.4062538	1.38E-01	203636957	203637080	NC_000002.11
cg27616543	1.48E-07	1.79E-08	5.88	8.405773	5.11E-02	118773657	118773780	NC_000011.9
cg23322546	1.48E-07	1.79E-08	5.88	8.4056618	9.28E-02	177040094	177040217	NC_000002.11
cg23155717	1.48E-07	1.79E-08	5.88	8.4056187	1.04E-01	145033622	145033745	NC_000008.10
cg02247178	1.48E-07	1.79E-08	5.88	8.4054054	1.25E-01	31506687	31506810	NC_000013.10
cg01637233	1.48E-07	1.79E-08	5.88	8.4048051	1.23E-01	76933224	76933347	NC_000005.9
cg07850832	1.48E-07	1.79E-08	5.88	8.404672	7.97E-02	37378050	37378173	NC_000005.9
cg15274870	1.48E-07	1.79E-08	5.88	8.4041421	7.42E-02	71900970	71901093	NC_000011.9
cg07620039	1.48E-07	1.79E-08	5.88	8.4036433	1.59E-01	22034747	22034870	NC_000019.9
cg05577810	1.48E-07	1.79E-08	5.88	8.4021071	1.38E-01	79220510	79220633	NC_000002.11
cg15722526	1.48E-07	1.79E-08	5.88	8.4016606	6.55E-02	54180254	54180377	NC_000005.9
cg13788515	1.48E-07	1.79E-08	5.88	8.4015318	1.66E-01	207139445	207139568	NC_000002.11
cg11953775	1.48E-07	1.79E-08	5.88	8.4013708	1.10E-01	207597011	207597134	NC_000001.10
cg00383020	1.48E-07	1.79E-08	5.88	8.4010605	3.28E-02	23002541	23002664	NC_000001.10
cg12277225	1.49E-07	1.80E-08	5.87	8.3998068	1.07E-01	52734032	52734155	NC_000013.10
cg16135716	1.49E-07	1.80E-08	5.87	8.3996532	1.49E-01	14133887	14134010	NC_000012.11
cg05652533	1.49E-07	1.80E-08	5.87	8.3986528	1.40E-01	134000287	134000410	NC_000010.10
cg20347042	1.49E-07	1.80E-08	5.87	8.3980299	4.04E-02	2122685	2122808	NC_000007.13

cg27016776	1.49E-07	1.80E-08	5.87	8.3975624	7.67E-02	86411373	86411496	NC_000016.9
cg15889768	1.49E-07	1.80E-08	5.87	8.3974034	5.29E-02	42619247	42619370	NC_000017.10
cg10325668	1.49E-07	1.80E-08	5.87	8.3973414	3.94E-02	76565523	76565646	NC_000014.8
cg11241498	1.49E-07	1.80E-08	5.87	8.3972614	1.74E-01	14134816	14134939	NC_000012.11
cg18966597	1.49E-07	1.80E-08	5.87	8.3968817	1.55E-01	155246474	155246597	NC_000007.13
cg01089364	1.49E-07	1.80E-08	5.87	8.3956802	6.90E-02	246781432	246781555	NC_000001.10
cg24809072	1.49E-07	1.80E-08	5.87	8.3955532	1.37E-01	119419635	119419758	NC_000012.11
cg02289343	1.49E-07	1.80E-08	5.87	8.3953086	7.44E-02	9131622	9131745	NC_000001.10
cg26275431	1.49E-07	1.81E-08	5.87	8.3947667	1.27E-01	140773122	140773245	NC_000005.9
cg01795964	1.49E-07	1.81E-08	5.87	8.3941847	8.49E-02	137532857	137532980	NC_000007.13
cg11871050	1.49E-07	1.81E-08	5.87	8.3939484	1.28E-01	52477794	52477917	NC_000015.9
cg07200199	1.49E-07	1.81E-08	5.87	8.393931	3.23E-02	48795899	48796022	NC_000017.10
cg02873315	1.50E-07	1.81E-08	5.87	8.3935309	9.05E-02	131927449	131927572	NC_000010.10
cg00149716	1.50E-07	1.81E-08	5.87	8.3934306	9.91E-02	13200069	13200192	NC_000020.10
cg00157199	1.50E-07	1.81E-08	5.87	8.3928237	1.45E-01	29551622	29551745	NC_000020.10
cg25469314	1.50E-07	1.81E-08	5.87	8.3923037	7.01E-02	48704831	48704954	NC_000001.10
cg18858249	1.50E-07	1.81E-08	5.87	8.3918407	7.34E-02	77646929	77647052	NC_000007.13
cg04573316	1.50E-07	1.81E-08	5.87	8.3914416	1.62E-01	54216680	54216803	NC_000019.9
cg04986616	1.50E-07	1.81E-08	5.87	8.3906402	1.16E-01	63537378	63537501	NC_000011.9
cg18323466	1.50E-07	1.81E-08	5.87	8.3905388	2.05E-01	101702602	101702725	NC_000001.10
cg07056644	1.50E-07	1.81E-08	5.87	8.3903372	1.33E-01	86546785	86546908	NC_000016.9
cg20172795	1.50E-07	1.81E-08	5.87	8.3902458	1.27E-01	127441199	127441322	NC_000006.11
cg13694876	1.50E-07	1.82E-08	5.87	8.3897057	1.51E-01	184282720	184282843	NC_000003.11
cg08415977	1.50E-07	1.82E-08	5.87	8.3896889	9.33E-02	7463138	7463261	NC_000004.11
cg08938584	1.50E-07	1.82E-08	5.87	8.3891675	1.18E-01	140797509	140797632	NC_000005.9

cg12124386	1.50E-07	1.82E-08	5.87	8.3885647	1.76E-01	190444776	190444899	NC_000001.10
cg20125569	1.50E-07	1.82E-08	5.87	8.3883738	1.26E-01	82337202	82337325	NC_000015.9
cg13561477	1.50E-07	1.82E-08	5.87	8.3883399	1.66E-01	98891781	98891904	NC_000011.9
cg01878708	1.50E-07	1.82E-08	5.87	8.3873437	8.48E-02	227555410	227555533	NC_000002.11
cg05496514	1.50E-07	1.82E-08	5.87	8.3869209	1.19E-01	87985513	87985636	NC_000005.9
cg02269978	1.51E-07	1.82E-08	5.87	8.3867725	9.90E-02	32847585	32847708	NC_000006.11
cg22937320	1.51E-07	1.82E-08	5.87	8.3867208	8.32E-02	19032778	19032901	NC_000009.11
cg16030972	1.51E-07	1.82E-08	5.87	8.3865115	1.33E-01	42393514	42393637	NC_000004.11
cg15755476	1.51E-07	1.82E-08	5.87	8.3863494	1.21E-01	47510670	47510793	NC_000011.9
cg07888193	1.51E-07	1.82E-08	5.87	8.3859439	1.07E-01	1865662	1865785	NC_000005.9
cg12930422	1.51E-07	1.82E-08	5.87	8.3852179	8.62E-02	55968637	55968760	NC_000015.9
cg03897244	1.51E-07	1.82E-08	5.87	8.3850928	9.73E-02	58116898	58117021	NC_000012.11
cg18338311	1.51E-07	1.83E-08	5.87	8.3836756	1.53E-01	32907939	32908062	NC_000017.10
cg12907817	1.51E-07	1.83E-08	5.87	8.3831781	7.42E-02	6446895	6447018	NC_000005.9
cg07474494	1.51E-07	1.83E-08	5.87	8.3831098	1.74E-01	58446600	58446723	NC_000019.9
cg11260046	1.51E-07	1.83E-08	5.87	8.3826054	1.73E-01	42095536	42095659	NC_000022.10
cg13332538	1.51E-07	1.83E-08	5.87	8.3823738	7.85E-02	4858482	4858605	NC_000004.11
cg06426027	1.51E-07	1.83E-08	5.87	8.3814617	5.09E-02	33232644	33232767	NC_000006.11
cg26345401	1.51E-07	1.83E-08	5.87	8.3809926	7.72E-02	125538412	125538535	NC_000008.10
cg12664938	1.51E-07	1.83E-08	5.87	8.3806205	6.92E-02	40622688	40622811	NC_000012.11
cg10592734	1.51E-07	1.83E-08	5.87	8.3800284	8.53E-02	139570596	139570719	NC_000007.13
cg00162952	1.52E-07	1.83E-08	5.87	8.3795696	7.04E-02	132057821	132057944	NC_000002.11
cg24729792	1.52E-07	1.84E-08	5.87	8.3790568	7.71E-02	113192114	113192237	NC_000002.11
cg13482010	1.52E-07	1.84E-08	5.87	8.3777	7.92E-02	122703782	122703905	NC_000003.11
cg01674761	1.52E-07	1.84E-08	5.87	8.3776243	4.95E-02	50891767	50891890	NC_000008.10



cg13391664	1.52E-07	1.84E-08	5.87	8.3767306	3.54E-02	12260067	12260190	NC_000001.10
cg02785604	1.52E-07	1.84E-08	5.87	8.374979	6.34E-02	131676136	131676259	NC_000002.11
cg12386876	1.52E-07	1.84E-08	5.87	8.374906	6.13E-02	110352770	110352893	NC_000012.11
cg09596173	1.52E-07	1.84E-08	5.87	8.374842	2.63E-02	73761320	73761443	NC_000017.10
cg19325487	1.52E-07	1.84E-08	5.87	8.3742629	8.24E-02	113609544	113609667	NC_000002.11
cg01791371	1.52E-07	1.85E-08	5.87	8.3735325	1.64E-01	50817193	50817316	NC_000006.11
cg15755568	1.53E-07	1.85E-08	5.87	8.371866	7.99E-02	8403922	8404045	NC_000019.9
cg21422740	1.53E-07	1.85E-08	5.87	8.3718133	7.52E-02	1960689	1960812	NC_000001.10
cg11332163	1.53E-07	1.85E-08	5.87	8.371203	9.51E-02	54975593	54975716	NC_000004.11
cg01446894	1.53E-07	1.85E-08	5.87	8.370374	1.05E-01	21688203	21688326	NC_000020.10
cg06575144	1.53E-07	1.85E-08	5.87	8.369924	9.11E-02	30618966	30619089	NC_000020.10
cg16954341	1.53E-07	1.85E-08	5.87	8.3692095	1.38E-01	25652381	25652504	NC_000006.11
cg15893431	1.53E-07	1.85E-08	5.87	8.3690489	1.39E-01	34442183	34442306	NC_000021.8
cg00175895	1.53E-07	1.85E-08	5.87	8.3686405	5.94E-02	1578077	1578200	NC_000004.11
cg18994250	1.53E-07	1.85E-08	5.87	8.3685441	1.02E-01	6107021	6107144	NC_000004.11
cg02210279	1.53E-07	1.86E-08	5.87	8.3682081	6.31E-02	88133346	88133469	NC_000016.9
cg20693854	1.53E-07	1.86E-08	5.87	8.3671354	7.21E-02	2653005	2653128	NC_000002.11
cg13632816	1.53E-07	1.86E-08	5.87	8.3671185	1.87E-01	113341925	113342048	NC_000009.11
cg19135761	1.53E-07	1.86E-08	5.87	8.3662385	1.72E-01	3567214	3567337	NC_000001.10
cg26027690	1.54E-07	1.86E-08	5.87	8.3650634	6.53E-02	10917391	10917514	NC_000001.10
cg07258916	1.54E-07	1.86E-08	5.87	8.3642776	2.22E-01	132262353	132262476	NC_000007.13
cg07739205	1.54E-07	1.86E-08	5.87	8.3634985	1.98E-01	50823541	50823664	NC_000008.10
cg20377762	1.54E-07	1.86E-08	5.87	8.363346	6.43E-02	55447028	55447151	NC_000001.10
cg00555268	1.54E-07	1.87E-08	5.87	8.3628536	5.72E-02	62202358	62202481	NC_000020.10
cg22776578	1.54E-07	1.87E-08	5.87	8.36193	1.17E-01	175223497	175223620	NC_000005.9

cg14832223	1.54E-07	1.87E-08	5.87	8.3613724	4.32E-02	75490372	75490495	NC_000015.9
cg16563171	1.54E-07	1.87E-08	5.87	8.3596063	1.28E-01	223156106	223156229	NC_000002.11
cg25448067	1.55E-07	1.87E-08	5.87	8.3589441	5.49E-02	126109261	126109384	NC_000005.9
cg22598028	1.55E-07	1.87E-08	5.87	8.3584961	1.96E-01	44626492	44626615	NC_000003.11
cg12610207	1.55E-07	1.88E-08	5.87	8.3579749	1.70E-01	114833950	114834073	NC_000012.11
cg02030410	1.55E-07	1.88E-08	5.87	8.355375	1.17E-01	245646925	245647048	NC_000001.10
cg20891622	1.55E-07	1.88E-08	5.87	8.3553644	3.34E-02	52303511	52303634	NC_000003.11
cg17072087	1.55E-07	1.88E-08	5.87	8.3553181	8.74E-02	123350673	123350796	NC_000012.11
cg11791751	1.55E-07	1.88E-08	5.87	8.3539696	1.93E-01	13910138	13910261	NC_000001.10
cg10250623	1.55E-07	1.89E-08	5.87	8.3528022	6.81E-02	130828949	130829072	NC_000010.10
cg07999415	1.56E-07	1.89E-08	5.87	8.3501361	8.83E-02	71724338	71724461	NC_000011.9
cg04020211	1.56E-07	1.89E-08	5.86	8.349337	1.21E-01	179763432	179763555	NC_000005.9
cg07134541	1.56E-07	1.89E-08	5.86	8.3484772	8.57E-02	132956322	132956445	NC_000012.11
cg13576330	1.56E-07	1.90E-08	5.86	8.3468187	1.20E-01	92943267	92943390	NC_000005.9
cg21564242	1.57E-07	1.90E-08	5.86	8.3432985	9.31E-02	179754761	179754884	NC_000003.11
cg19971289	1.57E-07	1.90E-08	5.86	8.3425571	4.54E-02	33411967	33412090	NC_000010.10
cg18947553	1.57E-07	1.91E-08	5.86	8.3422721	9.72E-02	227747468	227747591	NC_000001.10
cg01463154	1.57E-07	1.91E-08	5.86	8.3422412	1.46E-01	65491938	65492061	NC_000008.10
cg19355929	1.57E-07	1.91E-08	5.86	8.3414885	1.45E-01	20618001	20618124	NC_000011.9
cg06111486	1.57E-07	1.91E-08	5.86	8.3412882	7.64E-02	30122051	30122174	NC_000006.11
cg04587084	1.57E-07	1.91E-08	5.86	8.3412288	1.08E-01	86323213	86323336	NC_000016.9
cg24113409	1.57E-07	1.91E-08	5.86	8.3412261	1.13E-01	10884314	10884437	NC_000006.11
cg07499241	1.58E-07	1.91E-08	5.86	8.3391699	1.98E-01	27053934	27054057	NC_000022.10
cg08655664	1.58E-07	1.91E-08	5.86	8.33765	3.53E-02	89921909	89922032	NC_000016.9
cg04056343	1.58E-07	1.91E-08	5.86	8.3375398	1.44E-01	7137080	7137203	NC_000016.9

cg16765268	1.58E-07	1.92E-08	5.86	8.3367511	2.57E-02	11229200	11229323	NC_000016.9
cg26313888	1.58E-07	1.92E-08	5.86	8.3362153	7.55E-02	72440429	72440552	NC_000007.13
cg14192573	1.58E-07	1.92E-08	5.86	8.3356375	2.43E-02	86281401	86281524	NC_000002.11
cg22108265	1.58E-07	1.92E-08	5.86	8.3355738	8.30E-02	73471972	73472095	NC_000011.9
cg09864050	1.58E-07	1.92E-08	5.86	8.3352457	1.47E-01	19150174	19150297	NC_000007.13
cg10336131	1.58E-07	1.92E-08	5.86	8.3351674	1.17E-01	66049756	66049879	NC_000011.9
cg26536750	1.58E-07	1.92E-08	5.86	8.3351274	1.15E-01	39998930	39999053	NC_000019.9
cg26706317	1.58E-07	1.92E-08	5.86	8.3347241	7.27E-02	242836370	242836493	NC_000002.11
cg00764099	1.58E-07	1.92E-08	5.86	8.3346786	7.08E-02	234650765	234650888	NC_000002.11
cg06179060	1.58E-07	1.92E-08	5.86	8.3338641	1.77E-01	78493012	78493135	NC_000013.10
cg16924702	1.58E-07	1.92E-08	5.86	8.3337783	1.84E-01	5544231	5544354	NC_000018.9
cg11640079	1.58E-07	1.92E-08	5.86	8.3335854	9.36E-02	4876815	4876938	NC_000004.11
cg21648202	1.58E-07	1.92E-08	5.86	8.3330056	1.10E-01	14171331	14171454	NC_000019.9
cg08990507	1.59E-07	1.93E-08	5.86	8.3317394	1.21E-01	55529213	55529336	NC_000005.9
cg06050784	1.59E-07	1.93E-08	5.86	8.3308802	6.50E-02	88016603	88016726	NC_000016.9
cg25183214	1.59E-07	1.93E-08	5.86	8.3305823	4.22E-02	222360426	222360549	NC_000002.11
cg01707127	1.59E-07	1.93E-08	5.86	8.3305368	5.18E-02	947051	947174	NC_000016.9
cg12642651	1.59E-07	1.93E-08	5.86	8.328108	1.21E-01	9861712	9861835	NC_000017.10
cg07941927	1.59E-07	1.93E-08	5.86	8.3275428	1.33E-01	100644041	100644164	NC_000013.10
cg20640433	1.59E-07	1.93E-08	5.86	8.3273392	1.73E-01	129204206	129204329	NC_000006.11
cg05332308	1.59E-07	1.94E-08	5.86	8.3270366	1.06E-01	62442964	62443087	NC_000016.9
cg21565130	1.59E-07	1.94E-08	5.86	8.3269095	1.81E-01	125365004	125365127	NC_000011.9
cg04496108	1.59E-07	1.94E-08	5.86	8.3268758	5.54E-02	31453121	31453244	NC_000013.10
cg02116953	1.59E-07	1.94E-08	5.86	8.3265883	1.67E-01	20346166	20346289	NC_000020.10
cg22959932	1.59E-07	1.94E-08	5.86	8.3265426	9.07E-02	8693706	8693829	NC_000003.11

cg26251506	1.59E-07	1.94E-08	5.86	8.3260402	1.49E-01	96642163	96642286	NC_000007.13
cg11188666	1.59E-07	1.94E-08	5.86	8.3259979	6.59E-02	83718165	83718288	NC_000004.11
cg19343034	1.60E-07	1.94E-08	5.86	8.3254816	8.76E-02	49223253	49223376	NC_000019.9
cg02805612	1.60E-07	1.94E-08	5.86	8.3247274	9.21E-02	137228231	137228354	NC_000003.11
cg13620881	1.60E-07	1.94E-08	5.86	8.3239176	5.48E-02	10888129	10888252	NC_000006.11
cg07339137	1.60E-07	1.94E-08	5.86	8.3235626	6.57E-02	87276419	87276542	NC_000003.11
cg22472304	1.60E-07	1.94E-08	5.86	8.3229796	9.12E-02	42829497	42829620	NC_000022.10
cg04347708	1.60E-07	1.95E-08	5.86	8.3219097	1.05E-01	128557965	128558088	NC_000011.9
cg11265516	1.60E-07	1.95E-08	5.86	8.3215841	5.13E-02	132328569	132328692	NC_000012.11
cg27456707	1.60E-07	1.95E-08	5.86	8.3213764	1.15E-01	63839511	63839634	NC_000011.9
cg17435182	1.60E-07	1.95E-08	5.86	8.3199446	4.74E-02	52933429	52933552	NC_000019.9
cg17183432	1.61E-07	1.95E-08	5.86	8.3188112	1.86E-01	102984681	102984804	NC_000010.10
cg04482825	1.61E-07	1.95E-08	5.86	8.3184279	1.04E-01	37190548	37190671	NC_000015.9
cg13768953	1.61E-07	1.95E-08	5.86	8.3181172	6.66E-02	7114967	7115090	NC_000017.10
cg01983725	1.61E-07	1.95E-08	5.86	8.3173825	7.61E-02	227161799	227161922	NC_000001.10
cg24292487	1.61E-07	1.96E-08	5.86	8.3172669	9.06E-02	54963304	54963427	NC_000019.9
cg01774159	1.61E-07	1.96E-08	5.86	8.3166989	1.63E-01	80524467	80524590	NC_000008.10
cg00060956	1.61E-07	1.96E-08	5.86	8.3164009	4.21E-02	43209576	43209699	NC_000001.10
cg09246570	1.61E-07	1.96E-08	5.86	8.3153157	5.57E-02	32797772	32797895	NC_000014.8
cg15110403	1.61E-07	1.96E-08	5.86	8.3150456	1.68E-01	17392923	17393046	NC_000019.9
cg15333426	1.61E-07	1.96E-08	5.86	8.3132607	1.43E-01	10463620	10463743	NC_000004.11
cg10982460	1.62E-07	1.97E-08	5.86	8.3117174	5.16E-02	114874494	114874617	NC_000013.10
cg23745444	1.62E-07	1.97E-08	5.86	8.3116307	9.62E-02	130624293	130624416	NC_000012.11
cg07122178	1.62E-07	1.97E-08	5.86	8.311597	1.27E-01	41168481	41168604	NC_000008.10
cg26515460	1.62E-07	1.97E-08	5.86	8.3113976	1.57E-01	983354	983477	NC_000020.10

cg08307753	1.62E-07	1.97E-08	5.86	8.3111757	7.54E-02	34404673	34404796	NC_000016.9
cg25764899	1.62E-07	1.97E-08	5.86	8.3111579	1.93E-01	47697948	47698071	NC_000001.10
cg01868405	1.62E-07	1.97E-08	5.86	8.3107267	1.86E-01	54204112	54204235	NC_000001.10
cg17344813	1.62E-07	1.97E-08	5.86	8.3095499	4.82E-02	46912545	46912668	NC_000021.8
cg08754124	1.62E-07	1.97E-08	5.86	8.3094134	5.82E-02	87022692	87022815	NC_000016.9
cg18295261	1.62E-07	1.98E-08	5.86	8.3071064	4.10E-02	55736570	55736693	NC_000014.8
cg26355755	1.62E-07	1.98E-08	5.86	8.3069722	1.44E-01	149156606	149156729	NC_000001.10
cg03468466	1.62E-07	1.98E-08	5.86	8.3065075	1.14E-01	27771914	27772037	NC_000003.11
cg18391972	1.63E-07	1.98E-08	5.86	8.3056073	6.55E-02	37458535	37458658	NC_000006.11
cg14938419	1.63E-07	1.98E-08	5.86	8.3049221	1.07E-01	3595702	3595825	NC_000019.9
cg24206884	1.63E-07	1.98E-08	5.86	8.3046742	3.70E-02	105007769	105007892	NC_000010.10
cg11651936	1.63E-07	1.98E-08	5.86	8.3044687	1.29E-01	121453730	121453853	NC_000002.11
cg17407677	1.63E-07	1.98E-08	5.86	8.3042299	1.13E-01	50266228	50266351	NC_000005.9
cg07276621	1.63E-07	1.98E-08	5.86	8.3038406	8.54E-02	10750870	10750993	NC_000011.9
cg11445242	1.63E-07	1.98E-08	5.86	8.3036126	4.30E-02	64878639	64878762	NC_000015.9
cg09236323	1.63E-07	1.98E-08	5.86	8.3035183	8.10E-02	76344398	76344521	NC_000014.8
cg03167683	1.63E-07	1.98E-08	5.86	8.3029791	2.06E-01	47210368	47210491	NC_000017.10
cg27583102	1.63E-07	1.99E-08	5.86	8.3017157	9.32E-02	51456055	51456178	NC_000019.9
cg03848675	1.63E-07	1.99E-08	5.86	8.3014057	1.26E-01	1389146	1389269	NC_000006.11
cg05841219	1.63E-07	1.99E-08	5.86	8.30133	5.50E-02	31840947	31841070	NC_000006.11
cg11576271	1.63E-07	1.99E-08	5.86	8.300894	2.69E-02	595347	595470	NC_000005.9
cg23524559	1.64E-07	1.99E-08	5.85	8.2992878	1.19E-01	130063978	130064101	NC_000010.10
cg14004847	1.64E-07	1.99E-08	5.85	8.2983392	2.82E-02	1930337	1930460	NC_000007.13
cg18465484	1.64E-07	1.99E-08	5.85	8.298266	1.73E-01	17138051	17138174	NC_000019.9
cg10825293	1.64E-07	1.99E-08	5.85	8.2979966	2.08E-02	144349292	144349415	NC_000008.10

cg06951245	1.64E-07	1.99E-08	5.85	8.297726	1.44E-01	209271875	209271998	NC_000002.11
cg25939644	1.64E-07	2.00E-08	5.85	8.2974946	5.04E-02	172434325	172434448	NC_000005.9
cg26234721	1.64E-07	2.00E-08	5.85	8.2957266	1.73E-01	88793252	88793375	NC_000014.8
cg27432699	1.64E-07	2.00E-08	5.85	8.2949722	6.66E-02	27873401	27873524	NC_000002.11
cg20098910	1.64E-07	2.00E-08	5.85	8.294484	3.04E-02	26643841	26643964	NC_000017.10
cg19960616	1.64E-07	2.00E-08	5.85	8.2935922	1.12E-01	19886939	19887062	NC_000002.11
cg00326719	1.65E-07	2.00E-08	5.85	8.2930803	1.43E-01	213401544	213401667	NC_000002.11
cg17451432	1.65E-07	2.00E-08	5.85	8.2929182	8.45E-02	47108510	47108633	NC_000008.10
cg18621852	1.65E-07	2.01E-08	5.85	8.2917211	7.50E-02	10150065	10150188	NC_000003.11
cg00997551	1.65E-07	2.01E-08	5.85	8.2912406	1.49E-01	109096151	109096274	NC_000008.10
cg03675047	1.65E-07	2.01E-08	5.85	8.2906461	1.01E-01	119566221	119566344	NC_000002.11
cg04704531	1.65E-07	2.01E-08	5.85	8.2891747	1.62E-01	54409491	54409614	NC_000012.11
cg07338549	1.65E-07	2.01E-08	5.85	8.2879449	5.70E-02	25140377	25140500	NC_000006.11
cg24418420	1.66E-07	2.02E-08	5.85	8.2858322	1.01E-01	85306574	85306697	NC_000012.11
cg23516425	1.66E-07	2.02E-08	5.85	8.2856676	5.85E-02	20186047	20186170	NC_000002.11
cg23881299	1.66E-07	2.02E-08	5.85	8.2856411	8.37E-02	121116990	121117113	NC_000010.10
cg21501724	1.66E-07	2.02E-08	5.85	8.2853853	1.09E-01	9818832	9818955	NC_000020.10
cg16063747	1.66E-07	2.02E-08	5.85	8.2851411	1.24E-01	119294173	119294296	NC_000010.10
cg16269236	1.66E-07	2.02E-08	5.85	8.285097	8.20E-02	53638963	53639086	NC_000017.10
cg25830696	1.66E-07	2.02E-08	5.85	8.2841898	2.21E-01	42030479	42030602	NC_000017.10
cg26650480	1.66E-07	2.02E-08	5.85	8.2838211	7.03E-02	4796176	4796299	NC_000020.10
cg08633560	1.66E-07	2.02E-08	5.85	8.2831324	4.36E-02	166571846	166571969	NC_000006.11
cg00007644	1.66E-07	2.02E-08	5.85	8.2831168	1.03E-01	20623259	20623382	NC_000011.9
cg00378730	1.66E-07	2.03E-08	5.85	8.281834	1.56E-01	50822650	50822773	NC_000010.10
cg04673465	1.66E-07	2.03E-08	5.85	8.2812844	1.34E-01	85570164	85570287	NC_000004.11

cg17872757	1.66E-07	2.03E-08	5.85	8.2810822	2.54E-01	128564180	128564303	NC_000011.9
cg13897468	1.66E-07	2.03E-08	5.85	8.2806461	6.53E-02	123258347	123258470	NC_000012.11
cg18888464	1.67E-07	2.03E-08	5.85	8.2796466	1.51E-01	76597657	76597780	NC_000014.8
cg13194899	1.67E-07	2.03E-08	5.85	8.2791272	6.50E-02	88150280	88150403	NC_000010.10
cg00347620	1.67E-07	2.03E-08	5.85	8.2785534	8.43E-02	115109730	115109853	NC_000012.11
cg00409434	1.67E-07	2.04E-08	5.85	8.2780847	1.16E-01	46414317	46414440	NC_000002.11
cg07442271	1.67E-07	2.04E-08	5.85	8.2778039	7.89E-02	140735359	140735482	NC_000005.9
cg20636351	1.67E-07	2.04E-08	5.85	8.2775344	9.67E-02	55087400	55087523	NC_000008.10
cg05415936	1.67E-07	2.04E-08	5.85	8.2774189	7.88E-02	43665740	43665863	NC_000007.13
cg02730139	1.67E-07	2.04E-08	5.85	8.2773643	7.96E-02	847575	847698	NC_000008.10
cg19423543	1.67E-07	2.04E-08	5.85	8.2768286	1.36E-01	172655948	172656071	NC_000005.9
cg14864542	1.67E-07	2.04E-08	5.85	8.2760254	1.22E-01	108937164	108937287	NC_000012.11
cg14462265	1.67E-07	2.04E-08	5.85	8.2753514	1.06E-01	23683888	23684011	NC_000009.11
cg04991036	1.68E-07	2.05E-08	5.85	8.2731698	9.50E-02	29243762	29243885	NC_000014.8
cg06379403	1.68E-07	2.05E-08	5.85	8.2726449	3.60E-02	155039432	155039555	NC_000001.10
cg20627546	1.68E-07	2.05E-08	5.85	8.2725824	3.90E-02	1451383	1451506	NC_000001.10
cg17057501	1.68E-07	2.05E-08	5.85	8.2725158	4.28E-02	64017641	64017764	NC_000010.10
cg15135365	1.68E-07	2.05E-08	5.85	8.2723401	8.01E-02	12267990	12268113	NC_000018.9
cg05624376	1.68E-07	2.05E-08	5.85	8.2708333	7.53E-02	169939876	169939999	NC_000002.11
cg27154343	1.68E-07	2.05E-08	5.85	8.2692377	1.87E-01	75603480	75603603	NC_000012.11
cg26368737	1.68E-07	2.06E-08	5.85	8.2685817	4.58E-02	144442073	144442196	NC_000008.10
cg25377206	1.68E-07	2.06E-08	5.85	8.2684724	1.10E-01	35294658	35294781	NC_000007.13
cg06365057	1.68E-07	2.06E-08	5.85	8.2683785	9.31E-02	50323706	50323829	NC_000010.10
cg26298979	1.69E-07	2.06E-08	5.85	8.2662755	1.28E-01	77558211	77558334	NC_000018.9
cg03379100	1.69E-07	2.06E-08	5.85	8.2658366	7.65E-02	128494225	128494348	NC_000007.13

cg02858449	1.69E-07	2.06E-08	5.85	8.2654457	8.59E-02	45936702	45936825	NC_000021.8
cg14305028	1.69E-07	2.06E-08	5.85	8.2650432	8.71E-02	140207118	140207241	NC_000009.11
cg10577329	1.69E-07	2.06E-08	5.85	8.2648381	4.53E-02	71327353	71327476	NC_000011.9
cg12759166	1.69E-07	2.06E-08	5.85	8.2646499	9.15E-02	77373718	77373841	NC_000018.9
cg09559242	1.69E-07	2.06E-08	5.85	8.2645158	7.02E-02	197402153	197402276	NC_000003.11
cg25623977	1.69E-07	2.06E-08	5.85	8.2643441	3.06E-02	71163428	71163551	NC_000011.9
cg07025949	1.69E-07	2.07E-08	5.85	8.2633233	1.68E-01	1778844	1778967	NC_000010.10
cg09639622	1.69E-07	2.07E-08	5.85	8.2632426	1.47E-01	66195307	66195430	NC_000017.10
cg14036981	1.69E-07	2.07E-08	5.85	8.2628417	1.08E-01	68920648	68920771	NC_000011.9
cg13828227	1.70E-07	2.07E-08	5.85	8.2598809	6.65E-02	130517095	130517218	NC_000009.11
cg09465746	1.71E-07	2.08E-08	5.85	8.2556027	1.20E-01	6904386	6904509	NC_000003.11
cg20939662	1.71E-07	2.08E-08	5.85	8.2554963	1.34E-01	126777160	126777283	NC_000009.11
cg14343214	1.71E-07	2.08E-08	5.85	8.2549547	1.76E-01	133562056	133562179	NC_000006.11
cg05184256	1.71E-07	2.09E-08	5.85	8.2543972	2.22E-02	88155593	88155716	NC_000016.9
cg25109530	1.71E-07	2.09E-08	5.85	8.2541017	2.73E-02	149170762	149170885	NC_000007.13
cg03835609	1.71E-07	2.09E-08	5.85	8.2534721	1.24E-01	140753418	140753541	NC_000005.9
cg00297721	1.71E-07	2.09E-08	5.85	8.2521792	1.14E-01	55200767	55200890	NC_000020.10
cg20725013	1.71E-07	2.09E-08	5.85	8.2520564	1.60E-01	27195036	27195159	NC_000007.13
cg01193368	1.71E-07	2.09E-08	5.85	8.2518406	1.13E-01	56855195	56855318	NC_000007.13
cg00956759	1.71E-07	2.09E-08	5.85	8.2511457	1.32E-01	30023399	30023522	NC_000017.10
cg03593419	1.71E-07	2.09E-08	5.85	8.250942	9.05E-02	46995474	46995597	NC_000004.11
cg07158747	1.72E-07	2.10E-08	5.84	8.2487596	1.33E-01	91196488	91196611	NC_000001.10
cg26494610	1.72E-07	2.10E-08	5.84	8.2486584	8.19E-02	240658469	240658592	NC_000002.11
cg12530864	1.72E-07	2.10E-08	5.84	8.2481977	1.36E-01	188953092	188953215	NC_000004.11
cg00544449	1.72E-07	2.10E-08	5.84	8.2479918	2.26E-01	79724802	79724925	NC_000015.9



cg21912203	1.72E-07	2.10E-08	5.84	8.2472101	1.21E-01	65003303	65003426	NC_000001.10
cg01122167	1.72E-07	2.10E-08	5.84	8.2452556	1.37E-01	149650243	149650366	NC_000005.9
cg14415616	1.72E-07	2.11E-08	5.84	8.2450967	1.67E-01	18486958	18487081	NC_000003.11
cg24867122	1.72E-07	2.11E-08	5.84	8.2447383	7.43E-02	41531634	41531757	NC_000019.9
cg13985436	1.72E-07	2.11E-08	5.84	8.2445747	2.23E-02	27705902	27706025	NC_000001.10
cg08685955	1.72E-07	2.11E-08	5.84	8.2445413	6.71E-02	48871461	48871584	NC_000019.9
cg27353899	1.72E-07	2.11E-08	5.84	8.2442765	9.55E-02	195488922	195489045	NC_000003.11
cg06592167	1.72E-07	2.11E-08	5.84	8.2437921	5.93E-02	110045869	110045992	NC_000011.9
cg05477521	1.72E-07	2.11E-08	5.84	8.2436288	3.99E-02	57412146	57412269	NC_000017.10
cg00030508	1.72E-07	2.11E-08	5.84	8.2435416	1.26E-01	30139542	30139665	NC_000006.11
cg07999732	1.73E-07	2.11E-08	5.84	8.2421627	8.48E-02	150080842	150080965	NC_000007.13
cg11786193	1.73E-07	2.11E-08	5.84	8.2407362	1.23E-01	4512242	4512365	NC_000005.9
cg23398487	1.73E-07	2.12E-08	5.84	8.2403668	1.13E-01	107408915	107409038	NC_000013.10
cg05638493	1.73E-07	2.12E-08	5.84	8.2396285	1.09E-01	140683367	140683490	NC_000005.9
cg03700462	1.73E-07	2.12E-08	5.84	8.2394814	1.43E-01	27135684	27135807	NC_000007.13
cg20063106	1.73E-07	2.12E-08	5.84	8.2393998	9.63E-02	23938147	23938270	NC_000014.8
cg21634365	1.73E-07	2.12E-08	5.84	8.239375	1.63E-01	74961463	74961586	NC_000018.9
cg10311020	1.73E-07	2.12E-08	5.84	8.2392141	5.21E-02	27146906	27147029	NC_000010.10
cg21145284	1.73E-07	2.12E-08	5.84	8.2391284	9.40E-02	2279451	2279574	NC_000001.10
cg19469357	1.73E-07	2.12E-08	5.84	8.2380637	1.11E-01	8474830	8474953	NC_000007.13
cg21621104	1.73E-07	2.12E-08	5.84	8.2376182	1.17E-01	66468921	66469044	NC_000003.11
cg21389309	1.73E-07	2.12E-08	5.84	8.2374693	1.19E-01	154002618	154002741	NC_000007.13
cg14937343	1.74E-07	2.12E-08	5.84	8.2367186	1.02E-01	26674391	26674514	NC_000014.8
cg25626611	1.74E-07	2.13E-08	5.84	8.23583	1.02E-01	115102065	115102188	NC_000012.11
cg02104112	1.74E-07	2.13E-08	5.84	8.2345964	3.32E-02	69418071	69418194	NC_000011.9

cg07874484	1.74E-07	2.13E-08	5.84	8.2339862	6.85E-02	1257807	1257930	NC_000016.9
cg17800708	1.74E-07	2.13E-08	5.84	8.2339309	1.17E-01	27148204	27148327	NC_000007.13
cg11938455	1.74E-07	2.13E-08	5.84	8.2337429	1.25E-01	15622032	15622155	NC_000006.11
cg14617562	1.74E-07	2.13E-08	5.84	8.2330827	9.30E-02	63386748	63386871	NC_000007.13
cg19018097	1.75E-07	2.14E-08	5.84	8.2313885	1.92E-01	65601328	65601451	NC_000011.9
cg26464701	1.75E-07	2.14E-08	5.84	8.2307495	5.78E-02	154092267	154092390	NC_000004.11
cg13606569	1.75E-07	2.14E-08	5.84	8.2304237	1.65E-01	113341525	113341648	NC_000009.11
cg16562776	1.75E-07	2.14E-08	5.84	8.2300451	1.01E-01	56606401	56606524	NC_000007.13
cg19265480	1.75E-07	2.14E-08	5.84	8.2281384	9.26E-02	147781887	147782010	NC_000001.10
cg10951736	1.75E-07	2.14E-08	5.84	8.2280711	4.80E-02	167095747	167095870	NC_000001.10
cg20847035	1.75E-07	2.14E-08	5.84	8.2279846	1.09E-01	22906124	22906247	NC_000001.10
cg08496276	1.75E-07	2.15E-08	5.84	8.2267517	1.56E-01	178017669	178017792	NC_000005.9
cg25845326	1.75E-07	2.15E-08	5.84	8.2266033	6.60E-02	3249789	3249912	NC_000011.9
cg07103093	1.75E-07	2.15E-08	5.84	8.226516	1.13E-01	35297752	35297875	NC_000017.10
cg10039523	1.75E-07	2.15E-08	5.84	8.2258686	9.27E-02	12517834	12517957	NC_000001.10
cg16756527	1.76E-07	2.15E-08	5.84	8.2252369	7.03E-02	35891075	35891198	NC_000021.8
cg22731204	1.76E-07	2.15E-08	5.84	8.2251154	3.33E-02	3382127	3382250	NC_000019.9
cg13316587	1.76E-07	2.15E-08	5.84	8.2251092	1.60E-01	134515856	134515979	NC_000003.11
cg03550129	1.76E-07	2.15E-08	5.84	8.2246197	9.13E-02	1596054	1596177	NC_000002.11
cg18079355	1.76E-07	2.16E-08	5.84	8.2218372	4.26E-02	74331325	74331448	NC_000005.9
cg15996534	1.76E-07	2.16E-08	5.84	8.2215371	9.10E-02	150325954	150326077	NC_000005.9
cg17507952	1.76E-07	2.16E-08	5.84	8.2209359	1.24E-01	16179012	16179135	NC_000005.9
cg07852825	1.76E-07	2.16E-08	5.84	8.2206367	1.01E-01	172166182	172166305	NC_000003.11
cg21669441	1.76E-07	2.16E-08	5.84	8.2199353	1.52E-01	83349864	83349987	NC_000015.9
cg08707123	1.76E-07	2.16E-08	5.84	8.2197119	3.79E-02	589874	589997	NC_000016.9

cg25298704	1.77E-07	2.16E-08	5.84	8.2192341	6.36E-02	63359181	63359304	NC_000012.11
cg05625362	1.77E-07	2.16E-08	5.84	8.2189715	1.24E-01	166795323	166795446	NC_000004.11
cg27054162	1.77E-07	2.16E-08	5.84	8.2188674	1.67E-01	54628834	54628957	NC_000016.9
cg02672759	1.77E-07	2.16E-08	5.84	8.2184851	9.11E-02	39739058	39739181	NC_000019.9
cg07464974	1.77E-07	2.17E-08	5.84	8.2171343	5.67E-02	12228618	12228741	NC_000019.9
cg14255471	1.77E-07	2.17E-08	5.84	8.2168546	8.59E-02	106660938	106661061	NC_000014.8
cg23225050	1.77E-07	2.17E-08	5.84	8.2160416	6.17E-02	23602765	23602888	NC_000022.10
cg21611775	1.77E-07	2.17E-08	5.84	8.215842	9.09E-02	11058836	11058959	NC_000003.11
cg13168820	1.77E-07	2.17E-08	5.84	8.2153492	1.77E-01	41818356	41818479	NC_000020.10
cg15587571	1.77E-07	2.17E-08	5.84	8.2150493	9.51E-02	181849325	181849448	NC_000002.11
cg07686479	1.77E-07	2.17E-08	5.84	8.2149649	8.99E-02	165325030	165325153	NC_000001.10
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cg16760485	1.77E-07	2.17E-08	5.84	8.2138976	1.09E-01	103565867	103565990	NC_000014.8
cg13799504	1.77E-07	2.17E-08	5.84	8.2138338	1.04E-01	139237889	139238012	NC_000009.11
cg07918174	1.78E-07	2.18E-08	5.84	8.2132425	5.68E-02	31003525	31003648	NC_000007.13
cg04478795	1.78E-07	2.18E-08	5.84	8.2119061	1.31E-01	128828120	128828243	NC_000007.13
cg17236709	1.78E-07	2.18E-08	5.84	8.2110248	1.80E-01	119293863	119293986	NC_000011.9
cg04252145	1.78E-07	2.18E-08	5.84	8.2106008	2.83E-02	67516319	67516442	NC_000005.9
cg15679219	1.78E-07	2.18E-08	5.84	8.2094113	3.38E-02	98354261	98354384	NC_000002.11
cg06119296	1.78E-07	2.18E-08	5.84	8.209152	2.73E-02	99349003	99349126	NC_000010.10
cg21582112	1.78E-07	2.19E-08	5.84	8.2082771	1.05E-01	54421335	54421458	NC_000012.11
cg18700428	1.78E-07	2.19E-08	5.84	8.2081558	8.87E-02	3243304	3243427	NC_000016.9
cg04058752	1.78E-07	2.19E-08	5.84	8.2077944	7.64E-02	76751369	76751492	NC_000011.9

cg27622506	1.79E-07	2.19E-08	5.84	8.2060002	3.82E-02	24537160	24537283	NC_000003.11
cg07506916	1.79E-07	2.20E-08	5.84	8.2042697	7.34E-02	42738538	42738661	NC_000010.10
cg23944572	1.79E-07	2.20E-08	5.84	8.204244	9.19E-02	154101659	154101782	NC_000005.9
cg14251622	1.79E-07	2.20E-08	5.84	8.203877	2.27E-01	36003741	36003864	NC_000014.8
cg17339905	1.79E-07	2.20E-08	5.84	8.202734	1.36E-01	135808617	135808740	NC_000002.11
cg00170037	1.79E-07	2.20E-08	5.84	8.202678	6.61E-02	78489359	78489482	NC_000017.10
cg26403580	1.79E-07	2.20E-08	5.84	8.2024137	9.91E-02	120936730	120936853	NC_000010.10
cg19636308	1.79E-07	2.20E-08	5.84	8.2019582	4.89E-02	17124699	17124822	NC_000017.10
cg00201468	1.80E-07	2.20E-08	5.84	8.200689	1.54E-01	88137984	88138107	NC_000009.11
cg23855121	1.80E-07	2.20E-08	5.84	8.2004694	9.33E-02	38784938	38785061	NC_000004.11
cg21067023	1.80E-07	2.20E-08	5.84	8.200464	1.05E-01	501513	501636	NC_000018.9
cg13149996	1.80E-07	2.21E-08	5.83	8.1983176	4.29E-02	21437982	21438105	NC_000001.10
cg06263495	1.80E-07	2.21E-08	5.83	8.197966	1.56E-01	2292004	2292127	NC_000011.9
cg02736969	1.80E-07	2.21E-08	5.83	8.1979578	1.43E-01	34442674	34442797	NC_000021.8
cg01273336	1.80E-07	2.21E-08	5.83	8.1975923	1.15E-01	67872416	67872539	NC_000013.10
cg14981253	1.80E-07	2.21E-08	5.83	8.1968203	1.09E-01	5112642	5112765	NC_000007.13
cg02243157	1.80E-07	2.21E-08	5.83	8.1967432	1.03E-01	64047802	64047925	NC_000002.11
cg04035064	1.80E-07	2.21E-08	5.83	8.1966856	6.10E-02	46243113	46243236	NC_000002.11
cg15137566	1.80E-07	2.21E-08	5.83	8.1965462	1.32E-01	13544301	13544424	NC_000004.11
cg16528511	1.80E-07	2.21E-08	5.83	8.1965148	2.00E-01	84562892	84563015	NC_000006.11
cg18810347	1.80E-07	2.21E-08	5.83	8.1964827	1.17E-01	50344242	50344365	NC_000007.13
cg25428553	1.80E-07	2.21E-08	5.83	8.1957161	9.86E-02	105275706	105275829	NC_000002.11
cg23920748	1.80E-07	2.21E-08	5.83	8.1956429	4.44E-02	5084771	5084894	NC_000007.13
cg07765674	1.80E-07	2.21E-08	5.83	8.1955843	8.47E-02	148494024	148494147	NC_000005.9
cg25978208	1.81E-07	2.22E-08	5.83	8.1955583	9.02E-02	25093244	25093367	NC_000015.9

cg23124486	1.81E-07	2.22E-08	5.83	8.1950814	9.01E-02	33166165	33166288	NC_000006.11
cg19752143	1.81E-07	2.22E-08	5.83	8.1946911	7.96E-02	44552508	44552631	NC_000002.11
cg09890930	1.81E-07	2.22E-08	5.83	8.1942233	5.50E-02	56149396	56149519	NC_000012.11
cg26456223	1.81E-07	2.22E-08	5.83	8.1933843	7.85E-02	13540430	13540553	NC_000004.11
cg00420510	1.81E-07	2.22E-08	5.83	8.1931122	9.50E-02	1089571	1089694	NC_000005.9
cg22896991	1.81E-07	2.22E-08	5.83	8.1929283	1.59E-01	47073994	47074117	NC_000017.10
cg09418267	1.81E-07	2.22E-08	5.83	8.1929036	5.90E-02	1555045	1555168	NC_000019.9
cg00262344	1.81E-07	2.22E-08	5.83	8.1922181	9.05E-02	23713741	23713864	NC_000018.9
cg19502812	1.81E-07	2.22E-08	5.83	8.1921558	3.14E-02	36803056	36803179	NC_000022.10
cg07529754	1.81E-07	2.22E-08	5.83	8.1914644	1.44E-01	50575098	50575221	NC_000002.11
cg17974674	1.81E-07	2.22E-08	5.83	8.191396	3.40E-02	241451567	241451690	NC_000002.11
cg09443484	1.81E-07	2.22E-08	5.83	8.191346	6.49E-02	33673943	33674066	NC_000011.9
cg19927715	1.81E-07	2.23E-08	5.83	8.1898052	3.03E-02	28459482	28459605	NC_000015.9
cg21134090	1.82E-07	2.23E-08	5.83	8.1896502	8.99E-02	455955	456078	NC_000011.9
cg18701970	1.82E-07	2.23E-08	5.83	8.1894326	7.48E-02	106349515	106349638	NC_000012.11
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cg11320499	1.82E-07	2.23E-08	5.83	8.1873587	1.29E-01	183702886	183703009	NC_000003.11
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cg21545390	1.82E-07	2.23E-08	5.83	8.1872236	1.57E-01	96627190	96627313	NC_000007.13
cg04764012	1.82E-07	2.24E-08	5.83	8.1867806	1.17E-01	31580964	31581087	NC_000016.9
cg07017562	1.83E-07	2.24E-08	5.83	8.1834494	1.39E-01	60099815	60099938	NC_000014.8
cg10664112	1.83E-07	2.24E-08	5.83	8.1824545	1.49E-01	149645559	149645682	NC_000002.11
cg04167239	1.83E-07	2.25E-08	5.83	8.1819035	8.99E-02	3769468	3769591	NC_000004.11
cg10141174	1.83E-07	2.25E-08	5.83	8.1817263	4.44E-02	4482883	4483006	NC_000006.11

cg01994307	1.83E-07	2.25E-08	5.83	8.1814069	1.62E-01	113391568	113391691	NC_000005.9
cg05591741	1.83E-07	2.25E-08	5.83	8.1813445	7.02E-02	70053833	70053956	NC_000017.10
cg02924425	1.83E-07	2.25E-08	5.83	8.1812968	7.41E-02	77915548	77915671	NC_000018.9
cg17077610	1.83E-07	2.25E-08	5.83	8.1810147	9.48E-02	22766143	22766266	NC_000010.10
cg26416766	1.83E-07	2.25E-08	5.83	8.1792886	4.20E-02	28028981	28029104	NC_000013.10
cg22463553	1.83E-07	2.25E-08	5.83	8.1788117	1.02E-01	140788504	140788627	NC_000005.9
cg26213368	1.84E-07	2.25E-08	5.83	8.1781481	3.68E-02	62474978	62475101	NC_000011.9
cg19072083	1.84E-07	2.26E-08	5.83	8.1773215	1.22E-01	12402652	12402775	NC_000002.11
cg13938349	1.84E-07	2.26E-08	5.83	8.1764484	9.86E-02	44364084	44364207	NC_000007.13
cg19489804	1.84E-07	2.26E-08	5.83	8.1764469	4.48E-02	51240822	51240945	NC_000014.8
cg25490633	1.84E-07	2.26E-08	5.83	8.1756558	6.07E-02	134981479	134981602	NC_000010.10
cg04059146	1.84E-07	2.26E-08	5.83	8.175638	3.93E-02	102402233	102402356	NC_000011.9
cg00250123	1.84E-07	2.26E-08	5.83	8.1745972	8.57E-02	69048335	69048458	NC_000004.11
cg00297075	1.84E-07	2.26E-08	5.83	8.1745464	9.49E-02	79627672	79627795	NC_000009.11
cg05157516	1.84E-07	2.26E-08	5.83	8.1743119	1.07E-01	175085577	175085700	NC_000005.9
cg00767010	1.84E-07	2.26E-08	5.83	8.174309	1.60E-01	99482094	99482217	NC_000009.11
cg18517222	1.84E-07	2.26E-08	5.83	8.1739979	8.29E-02	113660756	113660879	NC_000011.9
cg03179500	1.84E-07	2.27E-08	5.83	8.1732546	3.82E-02	42969969	42970092	NC_000007.13
cg24924779	1.85E-07	2.27E-08	5.83	8.1717932	1.60E-01	49639998	49640121	NC_000020.10
cg20163115	1.85E-07	2.27E-08	5.83	8.170628	3.77E-02	3769728	3769851	NC_000017.10
cg10168330	1.85E-07	2.27E-08	5.83	8.1702609	5.65E-02	27262164	27262287	NC_000008.10
cg18027592	1.85E-07	2.27E-08	5.83	8.1698914	8.63E-02	76235074	76235197	NC_000013.10
cg06289583	1.85E-07	2.27E-08	5.83	8.1697242	1.07E-01	133309447	133309570	NC_000009.11
cg16724588	1.85E-07	2.27E-08	5.83	8.1695322	8.82E-02	6107131	6107254	NC_000004.11
cg13991568	1.85E-07	2.28E-08	5.83	8.1692141	5.81E-02	32795282	32795405	NC_000006.11

cg11797092	1.85E-07	2.28E-08	5.83	8.1687695	1.70E-01	84115932	84116055	NC_000015.9
cg25247976	1.85E-07	2.28E-08	5.83	8.1682426	8.74E-02	129239566	129239689	NC_000010.10
cg01407477	1.86E-07	2.28E-08	5.83	8.1666001	1.26E-01	99951151	99951274	NC_000008.10
cg09066326	1.86E-07	2.28E-08	5.83	8.1662195	1.69E-01	140753415	140753538	NC_000005.9
cg27639030	1.86E-07	2.28E-08	5.83	8.165823	1.34E-01	140858107	140858230	NC_000005.9
cg03760191	1.86E-07	2.28E-08	5.83	8.1656326	5.46E-02	22623047	22623170	NC_000010.10
cg14729980	1.86E-07	2.28E-08	5.83	8.1653594	9.40E-02	43415386	43415509	NC_000018.9
cg06847157	1.86E-07	2.29E-08	5.83	8.1648863	4.05E-02	2423426	2423549	NC_000011.9
cg19305488	1.86E-07	2.29E-08	5.83	8.1645017	1.25E-01	1468359	1468482	NC_000019.9
cg18090390	1.86E-07	2.29E-08	5.83	8.1643917	1.14E-01	56880606	56880729	NC_000001.10
cg08088801	1.86E-07	2.29E-08	5.83	8.1639812	7.61E-02	1614439	1614562	NC_000012.11
cg08650934	1.86E-07	2.29E-08	5.83	8.1629776	1.03E-01	45246252	45246375	NC_000021.8
cg14199090	1.86E-07	2.29E-08	5.83	8.1627976	4.28E-02	65990564	65990687	NC_000001.10
cg11344005	1.86E-07	2.29E-08	5.83	8.1626659	9.90E-02	50987527	50987650	NC_000022.10
cg16441550	1.86E-07	2.29E-08	5.83	8.162496	4.52E-02	180042144	180042267	NC_000005.9
cg18119485	1.86E-07	2.29E-08	5.83	8.1619465	1.06E-01	52196776	52196899	NC_000001.10
cg06551490	1.86E-07	2.29E-08	5.83	8.1618298	1.86E-01	54024806	54024929	NC_000019.9
cg02064275	1.86E-07	2.29E-08	5.83	8.1618227	6.38E-02	39465713	39465836	NC_000017.10
cg22376706	1.86E-07	2.29E-08	5.83	8.1616618	1.71E-01	71314612	71314735	NC_000012.11
cg18447419	1.86E-07	2.29E-08	5.83	8.1615159	1.33E-01	496299	496422	NC_000005.9
cg03732762	1.86E-07	2.29E-08	5.83	8.161308	1.82E-01	34443010	34443133	NC_000021.8
cg25562664	1.87E-07	2.30E-08	5.83	8.1603623	1.27E-01	119529148	119529271	NC_000003.11
cg09095525	1.87E-07	2.30E-08	5.83	8.1586444	1.37E-01	11852095	11852218	NC_000016.9
cg03152912	1.87E-07	2.30E-08	5.83	8.1582683	6.46E-02	132404851	132404974	NC_000002.11
cg05697754	1.87E-07	2.30E-08	5.83	8.1579525	4.55E-02	99576547	99576670	NC_000007.13

cg13513864	1.87E-07	2.30E-08	5.83	8.1575487	1.72E-01	30063249	30063372	NC_000020.10
cg08063317	1.87E-07	2.30E-08	5.83	8.1573178	1.48E-01	27019248	27019371	NC_000015.9
cg03504078	1.87E-07	2.30E-08	5.83	8.156864	9.73E-02	140480218	140480341	NC_000005.9
cg13125157	1.87E-07	2.31E-08	5.83	8.1557418	1.81E-01	50237403	50237526	NC_000017.10
cg13834623	1.88E-07	2.31E-08	5.83	8.1547626	1.49E-01	25652407	25652530	NC_000006.11
cg22058099	1.88E-07	2.31E-08	5.83	8.1547424	1.40E-01	9763552	9763675	NC_000008.10
cg08827274	1.88E-07	2.31E-08	5.83	8.1529629	3.75E-02	128441012	128441135	NC_000003.11
cg02902186	1.88E-07	2.32E-08	5.83	8.1518289	3.24E-02	118683119	118683242	NC_000008.10
cg05609536	1.88E-07	2.32E-08	5.83	8.1518139	7.21E-02	41019285	41019408	NC_000019.9
cg15258754	1.88E-07	2.32E-08	5.83	8.1517998	4.07E-02	87584651	87584774	NC_000016.9
cg04282694	1.88E-07	2.32E-08	5.83	8.1514119	1.45E-01	5996412	5996535	NC_000006.11
cg19791395	1.88E-07	2.32E-08	5.82	8.1505029	1.91E-01	51162508	51162631	NC_000019.9
cg27306777	1.88E-07	2.32E-08	5.82	8.149954	7.44E-02	172261294	172261417	NC_000005.9
cg12761421	1.89E-07	2.32E-08	5.82	8.1496946	5.97E-02	202171723	202171846	NC_000001.10
cg21376883	1.89E-07	2.32E-08	5.82	8.1493712	1.15E-01	236850232	236850355	NC_000001.10
cg04646674	1.89E-07	2.32E-08	5.82	8.1492804	7.86E-02	13113482	13113605	NC_000019.9
cg25946758	1.89E-07	2.32E-08	5.82	8.1486893	1.13E-01	60936025	60936148	NC_000010.10
cg07893512	1.89E-07	2.33E-08	5.82	8.1474798	1.36E-01	214776	214899	NC_000016.9
cg08673142	1.89E-07	2.33E-08	5.82	8.1456595	4.23E-02	13511451	13511574	NC_000006.11
cg15072405	1.89E-07	2.33E-08	5.82	8.145659	4.51E-02	63958176	63958299	NC_000011.9
cg14314533	1.89E-07	2.33E-08	5.82	8.1450855	3.73E-02	3577056	3577179	NC_000010.10
cg08936501	1.89E-07	2.33E-08	5.82	8.1450753	1.38E-01	117722652	117722775	NC_000001.10
cg18975948	1.90E-07	2.33E-08	5.82	8.1442227	2.91E-02	44106233	44106356	NC_000021.8
cg11137615	1.90E-07	2.34E-08	5.82	8.1432988	1.45E-01	69244343	69244466	NC_000008.10
cg09717352	1.90E-07	2.34E-08	5.82	8.142072	8.63E-02	89740889	89741012	NC_000004.11



cg17929859	1.90E-07	2.34E-08	5.82	8.1418454	8.52E-02	76587699	76587822	NC_000017.10
cg13466481	1.90E-07	2.34E-08	5.82	8.1417522	1.89E-01	17849848	17849971	NC_000022.10
cg02432274	1.90E-07	2.34E-08	5.82	8.1413033	3.80E-02	88378468	88378591	NC_000016.9
cg02345146	1.90E-07	2.34E-08	5.82	8.1407089	1.19E-01	85512957	85513080	NC_000001.10
cg17053591	1.90E-07	2.34E-08	5.82	8.1406736	5.33E-02	51918170	51918293	NC_000015.9
cg13866527	1.90E-07	2.35E-08	5.82	8.1399274	1.69E-01	55367627	55367750	NC_000008.10
cg09221382	1.90E-07	2.35E-08	5.82	8.1398688	2.09E-02	194324966	194325089	NC_000003.11
cg12794992	1.90E-07	2.35E-08	5.82	8.1398536	9.76E-02	121999785	121999908	NC_000008.10
cg24652281	1.90E-07	2.35E-08	5.82	8.1396775	9.61E-02	168970774	168970897	NC_000006.11
cg16733654	1.90E-07	2.35E-08	5.82	8.139276	2.01E-01	5293083	5293206	NC_000019.9
cg04112417	1.90E-07	2.35E-08	5.82	8.1392452	8.72E-02	17801501	17801624	NC_000002.11
cg11094938	1.90E-07	2.35E-08	5.82	8.1390642	4.63E-02	28888844	28888967	NC_000016.9
cg06952471	1.90E-07	2.35E-08	5.82	8.138633	1.17E-01	72596748	72596871	NC_000006.11
cg08586216	1.91E-07	2.35E-08	5.82	8.1381778	1.65E-02	35612351	35612474	NC_000006.11
cg22763649	1.91E-07	2.35E-08	5.82	8.1381769	1.22E-01	21694307	21694430	NC_000020.10
cg21826699	1.91E-07	2.35E-08	5.82	8.1380397	1.09E-01	80794439	80794562	NC_000012.11
cg18800329	1.91E-07	2.35E-08	5.82	8.1378659	2.30E-02	9132196	9132319	NC_000001.10
cg06553871	1.91E-07	2.35E-08	5.82	8.1367988	5.77E-02	40996006	40996129	NC_000019.9
cg19328583	1.91E-07	2.35E-08	5.82	8.1366593	6.36E-02	18874421	18874544	NC_000017.10
cg01165997	1.91E-07	2.36E-08	5.82	8.1354763	7.27E-02	200956235	200956358	NC_000002.11
cg00049892	1.91E-07	2.36E-08	5.82	8.1351184	1.12E-01	132162773	132162896	NC_000006.11
cg12598211	1.91E-07	2.36E-08	5.82	8.1345973	1.12E-01	123634384	123634507	NC_000012.11
cg14218042	1.91E-07	2.36E-08	5.82	8.134567	1.27E-01	4716578	4716701	NC_000001.10
cg00522403	1.91E-07	2.36E-08	5.82	8.1338086	7.60E-02	31453591	31453714	NC_000016.9
cg21438101	1.91E-07	2.36E-08	5.82	8.1337863	1.82E-01	904885	905008	NC_000018.9

cg02454750	1.91E-07	2.36E-08	5.82	8.1337438	5.63E-02	43089339	43089462	NC_000022.10
cg04865480	1.91E-07	2.36E-08	5.82	8.1336307	2.32E-02	173421027	173421150	NC_000002.11
cg00647046	1.92E-07	2.36E-08	5.82	8.132494	1.02E-01	134734612	134734735	NC_000010.10
cg16996682	1.92E-07	2.37E-08	5.82	8.1307831	1.15E-01	71830814	71830937	NC_000001.10
cg14482308	1.92E-07	2.37E-08	5.82	8.1301928	1.55E-01	18059109	18059232	NC_000002.11
cg13660477	1.92E-07	2.37E-08	5.82	8.1281082	8.36E-02	106388966	106389089	NC_000002.11
cg07838048	1.93E-07	2.38E-08	5.82	8.1273982	7.65E-02	70720440	70720563	NC_000016.9
cg05037725	1.93E-07	2.38E-08	5.82	8.1266177	1.37E-01	31639946	31640069	NC_000005.9
cg27018380	1.93E-07	2.38E-08	5.82	8.1263763	1.95E-01	93389876	93389999	NC_000014.8
cg16301728	1.93E-07	2.38E-08	5.82	8.1255153	1.04E-01	187717549	187717672	NC_000002.11
cg04537567	1.93E-07	2.38E-08	5.82	8.1235961	9.78E-02	99296068	99296191	NC_000006.11
cg24236591	1.93E-07	2.39E-08	5.82	8.1230773	1.28E-01	21082729	21082852	NC_000020.10
cg03656055	1.93E-07	2.39E-08	5.82	8.1226053	1.67E-01	21665155	21665278	NC_000006.11
cg25561762	1.94E-07	2.39E-08	5.82	8.1212835	1.51E-01	20876028	20876151	NC_000013.10
cg02981078	1.94E-07	2.39E-08	5.82	8.1212785	6.36E-02	88428011	88428134	NC_000012.11
cg04903883	1.94E-07	2.39E-08	5.82	8.1207966	6.48E-02	106321551	106321674	NC_000014.8
cg04582254	1.94E-07	2.40E-08	5.82	8.1190465	7.19E-02	131756487	131756610	NC_000010.10
cg06333012	1.94E-07	2.40E-08	5.82	8.1183453	5.69E-02	67192596	67192719	NC_000011.9
cg19062689	1.94E-07	2.40E-08	5.82	8.1181675	5.16E-02	23871092	23871215	NC_000019.9
cg23548627	1.94E-07	2.40E-08	5.82	8.1168454	1.24E-01	115138618	115138741	NC_000012.11
cg18629535	1.95E-07	2.40E-08	5.82	8.1166676	1.70E-01	113229362	113229485	NC_000012.11
cg17305181	1.95E-07	2.40E-08	5.82	8.116549	1.18E-01	67090581	67090704	NC_000008.10
cg00043819	1.95E-07	2.40E-08	5.82	8.1163293	1.50E-01	185942529	185942652	NC_000004.11
cg22511262	1.95E-07	2.40E-08	5.82	8.115733	1.09E-01	32455192	32455315	NC_000011.9
cg23331981	1.95E-07	2.41E-08	5.82	8.1148907	1.40E-01	7574780	7574903	NC_000010.10

cg20467957	1.95E-07	2.41E-08	5.82	8.1142894	1.03E-01	31845529	31845652	NC_000011.9
cg24691167	1.95E-07	2.41E-08	5.82	8.1141778	7.64E-02	10749371	10749494	NC_000003.11
cg17671005	1.95E-07	2.41E-08	5.82	8.1140358	1.50E-01	113391774	113391897	NC_000005.9
cg25815682	1.95E-07	2.41E-08	5.82	8.1135165	8.03E-02	30911250	30911373	NC_000019.9
cg04360519	1.95E-07	2.41E-08	5.82	8.1118757	3.03E-02	127996580	127996703	NC_000003.11
cg10165167	1.95E-07	2.41E-08	5.82	8.111841	1.32E-01	168728586	168728709	NC_000005.9
cg18231517	1.95E-07	2.41E-08	5.82	8.1114871	2.68E-02	243218706	243218829	NC_000001.10
cg18396987	1.96E-07	2.42E-08	5.82	8.11099	1.47E-01	115398073	115398196	NC_000001.10
cg23644960	1.96E-07	2.42E-08	5.82	8.1108971	1.66E-01	101454823	101454946	NC_000011.9
cg07011318	1.96E-07	2.42E-08	5.82	8.1097973	6.60E-02	2054944	2055067	NC_000016.9
cg24903006	1.96E-07	2.42E-08	5.82	8.1083036	2.36E-01	38347968	38348091	NC_000017.10
cg20804050	1.96E-07	2.42E-08	5.82	8.1081123	1.70E-01	119605441	119605564	NC_000002.11
cg11213690	1.96E-07	2.42E-08	5.82	8.1080445	1.49E-01	149112402	149112525	NC_000007.13
cg10737118	1.96E-07	2.42E-08	5.82	8.1075983	1.10E-01	37354790	37354913	NC_000020.10
cg22510362	1.97E-07	2.43E-08	5.82	8.1056587	4.83E-02	87251839	87251962	NC_000016.9
cg24585203	1.97E-07	2.43E-08	5.82	8.1052059	1.07E-01	27105814	27105937	NC_000011.9
cg10316490	1.97E-07	2.43E-08	5.82	8.104849	1.51E-01	190445197	190445320	NC_000001.10
cg11416492	1.97E-07	2.43E-08	5.82	8.1047882	1.34E-01	54206260	54206383	NC_000010.10
cg17861618	1.97E-07	2.44E-08	5.82	8.1031617	6.02E-02	134930343	134930466	NC_000010.10
cg00125306	1.97E-07	2.44E-08	5.82	8.1027976	3.34E-02	77811842	77811965	NC_000017.10
cg04087742	1.97E-07	2.44E-08	5.82	8.101606	1.75E-01	50264462	50264585	NC_000005.9
cg15862271	1.97E-07	2.44E-08	5.82	8.1014956	9.44E-03	26937371	26937494	NC_000022.10
cg13943333	1.97E-07	2.44E-08	5.82	8.1014806	1.25E-01	87959251	87959374	NC_000004.11
cg16713687	1.97E-07	2.44E-08	5.81	8.1007913	1.42E-01	55366538	55366661	NC_000008.10
cg09699039	1.97E-07	2.44E-08	5.81	8.1007695	1.67E-01	118241568	118241691	NC_000006.11

cg11687330	1.98E-07	2.44E-08	5.81	8.1000027	1.69E-01	132953239	132953362	NC_000011.9
cg07274204	1.98E-07	2.44E-08	5.81	8.0997434	4.85E-02	31100095	31100218	NC_000016.9
cg19048301	1.98E-07	2.44E-08	5.81	8.0997053	4.87E-02	32912601	32912724	NC_000012.11
cg07687798	1.98E-07	2.44E-08	5.81	8.0996301	7.35E-02	8347477	8347600	NC_000004.11
cg19537719	1.98E-07	2.45E-08	5.81	8.0988785	1.53E-01	41583498	41583621	NC_000008.10
cg22367191	1.98E-07	2.45E-08	5.81	8.0987009	1.41E-01	10425648	10425771	NC_000006.11
cg11055967	1.98E-07	2.45E-08	5.81	8.0977068	7.59E-02	16155342	16155465	NC_000022.10
cg15435900	1.98E-07	2.45E-08	5.81	8.0969773	7.98E-02	197401399	197401522	NC_000003.11
cg18280830	1.98E-07	2.45E-08	5.81	8.0969092	1.16E-01	57265875	57265998	NC_000014.8
cg01695255	1.98E-07	2.45E-08	5.81	8.096762	3.83E-02	35350760	35350883	NC_000013.10
cg11850861	1.98E-07	2.45E-08	5.81	8.0963471	4.27E-02	42273306	42273429	NC_000001.10
cg25678088	1.98E-07	2.45E-08	5.81	8.0959293	1.03E-01	96632460	96632583	NC_000007.13
cg20643945	1.99E-07	2.46E-08	5.81	8.0948546	8.27E-02	130927924	130928047	NC_000012.11
cg09367198	1.99E-07	2.46E-08	5.81	8.09432	1.00E-01	23541523	23541646	NC_000014.8
cg08713858	1.99E-07	2.46E-08	5.81	8.0941707	6.77E-02	67035388	67035511	NC_000016.9
cg23974473	1.99E-07	2.46E-08	5.81	8.0930279	7.93E-02	140625794	140625917	NC_000005.9
cg08352755	1.99E-07	2.46E-08	5.81	8.0930069	1.16E-01	145758879	145759002	NC_000005.9
cg26249873	1.99E-07	2.46E-08	5.81	8.0927296	1.24E-01	25465430	25465553	NC_000010.10
cg13545297	1.99E-07	2.46E-08	5.81	8.0923169	1.08E-01	54404315	54404438	NC_000012.11
cg02657611	1.99E-07	2.46E-08	5.81	8.0922969	9.83E-02	45814632	45814755	NC_000001.10
cg23028178	1.99E-07	2.46E-08	5.81	8.0920649	7.31E-02	236229267	236229390	NC_000001.10
cg17958577	1.99E-07	2.47E-08	5.81	8.0909825	6.72E-02	488589	488712	NC_000005.9
cg15325658	1.99E-07	2.47E-08	5.81	8.0909094	1.13E-01	79815782	79815905	NC_000003.11
cg22650617	1.99E-07	2.47E-08	5.81	8.0902886	1.24E-01	71017541	71017664	NC_000002.11
cg26621127	2.00E-07	2.47E-08	5.81	8.0896723	2.66E-02	65179687	65179810	NC_000012.11

cg25213928	2.00E-07	2.47E-08	5.81	8.0889966	1.19E-01	5712842	5712965	NC_000004.11
cg22038319	2.00E-07	2.47E-08	5.81	8.0889729	7.20E-02	154312023	154312146	NC_000002.11
cg10597997	2.00E-07	2.47E-08	5.81	8.0878082	4.40E-02	171479920	171480043	NC_000005.9
cg01876492	2.00E-07	2.47E-08	5.81	8.0877421	6.07E-02	112321788	112321911	NC_000013.10
cg01915283	2.00E-07	2.48E-08	5.81	8.0870984	1.30E-01	39711362	39711485	NC_000022.10
cg01823161	2.00E-07	2.48E-08	5.81	8.0869693	1.24E-01	64422261	64422384	NC_000005.9
cg14983586	2.00E-07	2.48E-08	5.81	8.0861225	1.40E-01	27206503	27206626	NC_000006.11
cg22266749	2.01E-07	2.48E-08	5.81	8.0845509	1.62E-01	110223959	110224082	NC_000004.11
cg26230285	2.01E-07	2.48E-08	5.81	8.0845413	2.18E-01	26108412	26108535	NC_000015.9
cg01448551	2.01E-07	2.49E-08	5.81	8.0828052	1.79E-02	32798482	32798605	NC_000006.11
cg21143428	2.01E-07	2.49E-08	5.81	8.0827379	1.07E-01	136640472	136640595	NC_000005.9
cg14631053	2.01E-07	2.49E-08	5.81	8.0819544	1.27E-01	23015899	23016022	NC_000020.10
cg21379851	2.01E-07	2.49E-08	5.81	8.0818632	4.81E-02	79890702	79890825	NC_000017.10
cg16933813	2.01E-07	2.49E-08	5.81	8.0816023	9.65E-02	32945317	32945440	NC_000006.11
cg12016437	2.01E-07	2.49E-08	5.81	8.0815599	1.65E-01	10459163	10459286	NC_000004.11
cg02518135	2.01E-07	2.49E-08	5.81	8.0805523	1.20E-01	247802739	247802862	NC_000001.10
cg13855454	2.01E-07	2.49E-08	5.81	8.0798551	9.38E-02	48232358	48232481	NC_000012.11
cg12146673	2.02E-07	2.50E-08	5.81	8.0786081	1.12E-01	187387555	187387678	NC_000003.11
cg08311610	2.02E-07	2.50E-08	5.81	8.0784609	1.73E-01	76506759	76506882	NC_000005.9
cg03065467	2.02E-07	2.50E-08	5.81	8.0782031	1.19E-01	109093243	109093366	NC_000004.11
cg03375056	2.02E-07	2.50E-08	5.81	8.0772799	9.34E-02	29062431	29062554	NC_000001.10
cg01085362	2.02E-07	2.50E-08	5.81	8.077113	1.25E-01	31848310	31848433	NC_000019.9
cg02966153	2.02E-07	2.50E-08	5.81	8.0770135	1.80E-01	1401767	1401890	NC_000019.9
cg06856889	2.02E-07	2.50E-08	5.81	8.0767757	9.91E-02	45929541	45929664	NC_000011.9
cg04939662	2.02E-07	2.51E-08	5.81	8.0748169	9.58E-02	5084338	5084461	NC_000006.11

cg05882426	2.03E-07	2.51E-08	5.81	8.0744248	9.24E-02	25961001	25961124	NC_000022.10
cg21066290	2.03E-07	2.51E-08	5.81	8.074095	6.11E-02	176757391	176757514	NC_000005.9
cg09497201	2.03E-07	2.51E-08	5.81	8.0738101	1.33E-01	25906243	25906366	NC_000008.10
cg14847818	2.03E-07	2.51E-08	5.81	8.0735477	3.75E-02	114328840	114328963	NC_000003.11
cg05506209	2.03E-07	2.51E-08	5.81	8.0735435	9.06E-02	123480969	123481092	NC_000011.9
cg13076940	2.03E-07	2.51E-08	5.81	8.073491	4.81E-02	19932946	19933069	NC_000014.8
cg00481216	2.03E-07	2.51E-08	5.81	8.0727371	6.88E-02	181971175	181971298	NC_000002.11
cg23685155	2.03E-07	2.51E-08	5.81	8.0721214	1.67E-01	54396440	54396563	NC_000012.11
cg06839854	2.03E-07	2.52E-08	5.81	8.0717176	8.98E-02	10536115	10536238	NC_000002.11
cg04892672	2.03E-07	2.52E-08	5.81	8.0716554	4.08E-02	29695164	29695287	NC_000006.11
cg00588720	2.03E-07	2.52E-08	5.81	8.0709064	1.89E-01	89267826	89267949	NC_000016.9
cg11634875	2.03E-07	2.52E-08	5.81	8.0703478	3.62E-02	31922863	31922986	NC_000006.11
cg17700835	2.03E-07	2.52E-08	5.81	8.0697466	8.23E-02	27390890	27391013	NC_000006.11
cg08827756	2.03E-07	2.52E-08	5.81	8.0695097	1.34E-01	6006770	6006893	NC_000006.11
cg02570643	2.04E-07	2.52E-08	5.81	8.0690764	1.41E-01	77531473	77531596	NC_000005.9
cg08501301	2.04E-07	2.52E-08	5.81	8.0689655	6.90E-02	2831746	2831869	NC_000017.10
cg10281378	2.04E-07	2.52E-08	5.81	8.0683339	1.04E-01	8651225	8651348	NC_000004.11
cg24122498	2.04E-07	2.53E-08	5.81	8.0650625	1.11E-01	4648682	4648805	NC_000017.10
cg26475541	2.04E-07	2.53E-08	5.81	8.0645411	7.61E-02	79026152	79026275	NC_000017.10
cg07201620	2.05E-07	2.54E-08	5.81	8.0634516	1.64E-01	83679941	83680064	NC_000005.9
cg07233838	2.05E-07	2.54E-08	5.81	8.0626457	6.81E-02	17472852	17472975	NC_000001.10
cg06416831	2.05E-07	2.54E-08	5.81	8.0626071	1.08E-01	138474152	138474275	NC_000005.9
cg26898754	2.05E-07	2.54E-08	5.81	8.0624992	3.06E-02	180216985	180217108	NC_000005.9
cg17892556	2.05E-07	2.54E-08	5.81	8.0623679	2.25E-01	12267464	12267587	NC_000019.9
cg19509778	2.05E-07	2.54E-08	5.81	8.0613342	1.29E-01	129537308	129537431	NC_000010.10

cg05142148	2.05E-07	2.54E-08	5.81	8.0613165	6.47E-02	90066396	90066519	NC_000016.9
cg10557948	2.05E-07	2.54E-08	5.81	8.0610303	5.95E-02	132404798	132404921	NC_000002.11
cg16072192	2.05E-07	2.54E-08	5.81	8.0605671	1.46E-01	2741047	2741170	NC_000005.9
cg14139935	2.05E-07	2.54E-08	5.81	8.0605042	4.91E-02	130258864	130258987	NC_000009.11
cg07706812	2.05E-07	2.54E-08	5.81	8.0602941	1.21E-01	71746357	71746480	NC_000016.9
cg21352720	2.05E-07	2.55E-08	5.81	8.0592707	6.02E-02	68596739	68596862	NC_000006.11
cg09669754	2.06E-07	2.55E-08	5.81	8.0589289	1.16E-01	78166148	78166271	NC_000017.10
cg02143877	2.06E-07	2.55E-08	5.81	8.0584567	2.01E-01	52790141	52790264	NC_000020.10
cg23467008	2.06E-07	2.55E-08	5.81	8.0580301	1.36E-01	152128537	152128660	NC_000006.11
cg18430044	2.06E-07	2.55E-08	5.81	8.057742	7.87E-02	77912021	77912144	NC_000017.10
cg00590670	2.06E-07	2.55E-08	5.81	8.0574332	1.54E-01	217559207	217559330	NC_000002.11
cg13610014	2.06E-07	2.56E-08	5.81	8.0562883	1.17E-01	188953178	188953301	NC_000004.11
cg21784917	2.06E-07	2.56E-08	5.81	8.0562503	1.23E-01	79084038	79084161	NC_000007.13
cg20623506	2.06E-07	2.56E-08	5.81	8.0558983	1.44E-01	79813410	79813533	NC_000017.10
cg01886385	2.06E-07	2.56E-08	5.81	8.0557052	7.76E-02	32037342	32037465	NC_000006.11
cg23603057	2.06E-07	2.56E-08	5.81	8.0553527	1.21E-01	167704808	167704931	NC_000006.11
cg23723194	2.06E-07	2.56E-08	5.81	8.0546556	2.75E-02	7318905	7319028	NC_000001.10
cg22795590	2.06E-07	2.56E-08	5.81	8.0545126	8.78E-02	213401801	213401924	NC_000002.11
cg11499699	2.06E-07	2.56E-08	5.81	8.0540793	7.84E-02	74382495	74382618	NC_000017.10
cg26116485	2.07E-07	2.56E-08	5.81	8.0532494	1.48E-01	55515411	55515534	NC_000003.11
cg09801894	2.07E-07	2.56E-08	5.81	8.0530165	1.05E-01	219738354	219738477	NC_000001.10
cg01565777	2.07E-07	2.57E-08	5.81	8.0525616	8.97E-02	138763424	138763547	NC_000003.11
cg10633040	2.07E-07	2.57E-08	5.81	8.0522486	9.69E-02	71915686	71915809	NC_000005.9
cg08688773	2.07E-07	2.57E-08	5.81	8.0519792	1.04E-01	23461301	23461424	NC_000010.10
cg25879514	2.07E-07	2.57E-08	5.8	8.0495051	8.58E-02	73347837	73347960	NC_000017.10

cg17811608	2.07E-07	2.57E-08	5.8	8.0493899	1.57E-01	438197	438320	NC_000002.11
cg22228748	2.07E-07	2.57E-08	5.8	8.049237	6.80E-02	99385800	99385923	NC_000001.10
cg08110542	2.08E-07	2.58E-08	5.8	8.0485076	1.81E-01	131199936	131200059	NC_000012.11
cg25450335	2.08E-07	2.58E-08	5.8	8.0476118	3.95E-02	135058453	135058576	NC_000005.9
cg23278137	2.08E-07	2.58E-08	5.8	8.0474561	4.96E-02	106269670	106269793	NC_000005.9
cg02631462	2.08E-07	2.58E-08	5.8	8.0466622	1.54E-01	44324856	44324979	NC_000019.9
cg00566713	2.08E-07	2.58E-08	5.8	8.0466453	3.69E-02	1749774	1749897	NC_000016.9
cg19822251	2.08E-07	2.58E-08	5.8	8.0462868	1.50E-01	9595395	9595518	NC_000003.11
cg24428877	2.08E-07	2.58E-08	5.8	8.0453097	2.13E-01	21664652	21664775	NC_000006.11
cg10682299	2.08E-07	2.59E-08	5.8	8.0441133	1.70E-01	111550154	111550277	NC_000004.11
cg12021220	2.09E-07	2.59E-08	5.8	8.0427891	9.25E-02	78110106	78110229	NC_000015.9
cg23467713	2.09E-07	2.59E-08	5.8	8.0427272	8.58E-02	94291414	94291537	NC_000014.8
cg00796424	2.09E-07	2.59E-08	5.8	8.0426267	1.27E-01	54365966	54366089	NC_000012.11
cg00239025	2.09E-07	2.59E-08	5.8	8.0424978	7.20E-02	96937097	96937220	NC_000002.11
cg08070200	2.09E-07	2.59E-08	5.8	8.0424782	1.34E-01	187572960	187573083	NC_000004.11
cg06991391	2.09E-07	2.59E-08	5.8	8.0422326	4.47E-02	31995423	31995546	NC_000016.9
cg16753134	2.09E-07	2.59E-08	5.8	8.0419753	2.52E-02	89584924	89585047	NC_000016.9
cg08219459	2.09E-07	2.59E-08	5.8	8.0418021	2.96E-02	68734735	68734858	NC_000016.9
cg08479717	2.09E-07	2.60E-08	5.8	8.0411233	2.20E-02	18251927	18252050	NC_000019.9
cg09442828	2.09E-07	2.60E-08	5.8	8.0411034	1.20E-01	37823979	37824102	NC_000008.10
cg13964439	2.09E-07	2.60E-08	5.8	8.0393298	9.12E-02	90278260	90278383	NC_000009.11
cg14733904	2.09E-07	2.60E-08	5.8	8.0392383	6.43E-02	10493808	10493931	NC_000008.10
cg06419850	2.09E-07	2.60E-08	5.8	8.0391391	1.32E-01	4688683	4688806	NC_000017.10
cg11893127	2.10E-07	2.60E-08	5.8	8.0386986	9.21E-02	131057342	131057465	NC_000012.11
cg13877482	2.10E-07	2.60E-08	5.8	8.0379871	8.54E-02	180202256	180202379	NC_000001.10



cg06974755	2.10E-07	2.60E-08	5.8	8.0379774	2.43E-02	135996931	135997054	NC_000009.11
cg12401653	2.10E-07	2.60E-08	5.8	8.0379435	4.26E-02	1754980	1755103	NC_000012.11
cg14661803	2.10E-07	2.61E-08	5.8	8.0369009	7.14E-02	207958145	207958268	NC_000002.11
cg04991214	2.10E-07	2.61E-08	5.8	8.0365103	1.21E-01	161089118	161089241	NC_000001.10
cg04655995	2.10E-07	2.61E-08	5.8	8.0360957	4.45E-02	84424089	84424212	NC_000016.9
cg13185177	2.10E-07	2.61E-08	5.8	8.0356778	7.17E-02	194119885	194120008	NC_000003.11
cg17698295	2.10E-07	2.61E-08	5.8	8.0349268	1.31E-01	145106299	145106422	NC_000008.10
cg10506882	2.10E-07	2.61E-08	5.8	8.0346925	1.41E-01	35681627	35681750	NC_000003.11
cg13891181	2.10E-07	2.61E-08	5.8	8.0345385	1.25E-01	41869086	41869209	NC_000004.11
cg04972745	2.10E-07	2.62E-08	5.8	8.0337342	1.40E-01	101287846	101287969	NC_000010.10
cg26581886	2.11E-07	2.62E-08	5.8	8.0335568	5.73E-02	17090862	17090985	NC_000022.10
cg07263382	2.11E-07	2.62E-08	5.8	8.0329869	9.05E-02	44237087	44237210	NC_000018.9
cg10029186	2.11E-07	2.62E-08	5.8	8.0326039	1.02E-01	174430771	174430894	NC_000004.11
cg14640525	2.11E-07	2.62E-08	5.8	8.0320194	5.89E-02	38876856	38876979	NC_000003.11
cg15006101	2.11E-07	2.62E-08	5.8	8.0317184	5.98E-02	140627399	140627522	NC_000005.9
cg13458005	2.11E-07	2.62E-08	5.8	8.031461	8.66E-02	27702309	27702432	NC_000010.10
cg00569056	2.11E-07	2.62E-08	5.8	8.031331	9.07E-02	121416239	121416362	NC_000005.9
cg16409795	2.11E-07	2.62E-08	5.8	8.0305323	7.29E-02	150497431	150497554	NC_000003.11
cg20852846	2.11E-07	2.63E-08	5.8	8.0289589	1.21E-01	3868872	3868995	NC_000019.9
cg21662156	2.12E-07	2.63E-08	5.8	8.0283612	5.29E-02	196753119	196753242	NC_000003.11
cg20418769	2.12E-07	2.63E-08	5.8	8.0282228	1.28E-01	129511700	129511823	NC_000004.11
cg16156525	2.12E-07	2.63E-08	5.8	8.0275671	6.87E-02	36210688	36210811	NC_000019.9
cg07455318	2.12E-07	2.63E-08	5.8	8.0274324	5.26E-02	91772383	91772506	NC_000014.8
cg23319285	2.12E-07	2.63E-08	5.8	8.0269404	7.30E-02	101287752	101287875	NC_000010.10
cg06389697	2.12E-07	2.63E-08	5.8	8.0268776	1.49E-01	102508529	102508652	NC_000010.10

cg21929717	2.12E-07	2.64E-08	5.8	8.0246431	6.79E-02	68089821	68089944	NC_000005.9
cg27616833	2.12E-07	2.64E-08	5.8	8.0242632	9.44E-02	106060221	106060344	NC_000002.11
cg07820996	2.12E-07	2.64E-08	5.8	8.0240071	6.05E-02	1026944	1027067	NC_000016.9
cg22664450	2.13E-07	2.64E-08	5.8	8.0234653	1.10E-01	109247864	109247987	NC_000013.10
cg08732526	2.13E-07	2.64E-08	5.8	8.0234504	9.13E-02	152595982	152596105	NC_000001.10
cg15316716	2.13E-07	2.64E-08	5.8	8.0232571	7.23E-02	21769797	21769920	NC_000008.10
cg27335649	2.13E-07	2.64E-08	5.8	8.0230381	1.17E-01	10953578	10953701	NC_000010.10
cg03963391	2.13E-07	2.64E-08	5.8	8.0228669	6.98E-02	34808479	34808602	NC_000016.9
cg03583111	2.13E-07	2.65E-08	5.8	8.0200965	1.10E-01	220283442	220283565	NC_000002.11
cg09995854	2.13E-07	2.66E-08	5.8	8.0189325	4.02E-02	113810244	113810367	NC_000002.11
cg24964368	2.14E-07	2.66E-08	5.8	8.0183441	1.10E-01	52264413	52264536	NC_000019.9
cg13261713	2.14E-07	2.66E-08	5.8	8.0178378	1.67E-01	77722336	77722459	NC_000017.10
cg00414835	2.14E-07	2.66E-08	5.8	8.0156051	1.10E-01	48439452	48439575	NC_000010.10
cg18175809	2.14E-07	2.67E-08	5.8	8.0144821	1.49E-01	62355525	62355648	NC_000003.11
cg00096104	2.15E-07	2.67E-08	5.8	8.0138342	1.35E-01	100547897	100548020	NC_000013.10
cg10788735	2.15E-07	2.67E-08	5.8	8.0127999	1.88E-01	46974886	46975009	NC_000019.9
cg00918522	2.15E-07	2.67E-08	5.8	8.0123205	1.34E-01	175132871	175132994	NC_000004.11
cg06380820	2.15E-07	2.68E-08	5.8	8.0114254	9.06E-02	134698765	134698888	NC_000010.10
cg03098159	2.15E-07	2.68E-08	5.8	8.0112627	1.40E-01	3873884	3874007	NC_000004.11
cg15078822	2.15E-07	2.68E-08	5.8	8.0112229	8.23E-02	52341469	52341592	NC_000007.13
cg24929264	2.15E-07	2.68E-08	5.8	8.0100323	9.52E-02	34325375	34325498	NC_000017.10
cg02763101	2.15E-07	2.68E-08	5.8	8.0094452	2.16E-01	56904945	56905068	NC_000019.9
cg10536081	2.15E-07	2.68E-08	5.8	8.0092666	4.73E-02	71462149	71462272	NC_000011.9
cg24147498	2.16E-07	2.69E-08	5.8	8.0079125	1.39E-01	95112724	95112847	NC_000010.10
cg23760603	2.16E-07	2.69E-08	5.8	8.0075653	6.19E-02	72135534	72135657	NC_000004.11

cg18585263	2.16E-07	2.69E-08	5.8	8.0073606	1.01E-01	124770629	124770752	NC_000004.11
cg04825491	2.16E-07	2.69E-08	5.8	8.0068995	1.18E-01	51130058	51130181	NC_000016.9
cg19659218	2.16E-07	2.69E-08	5.8	8.006665	8.77E-02	131706798	131706921	NC_000010.10
cg15160445	2.16E-07	2.69E-08	5.8	8.0064912	8.00E-02	57426749	57426872	NC_000020.10
cg17482089	2.16E-07	2.69E-08	5.8	8.0056548	9.54E-02	140250432	140250555	NC_000005.9
cg00082384	2.16E-07	2.69E-08	5.8	8.0047001	7.18E-02	52516316	52516439	NC_000003.11
cg21480165	2.16E-07	2.70E-08	5.8	8.0043085	1.12E-01	25670170	25670293	NC_000013.10
cg27225068	2.16E-07	2.70E-08	5.8	8.0042769	5.05E-02	188623991	188624114	NC_000003.11
cg20779917	2.16E-07	2.70E-08	5.8	8.0042703	1.24E-01	121946959	121947082	NC_000007.13
cg10439765	2.17E-07	2.70E-08	5.8	8.003928	1.30E-01	44657838	44657961	NC_000020.10
cg18530762	2.17E-07	2.70E-08	5.8	8.0039095	5.09E-02	49138511	49138634	NC_000022.10
cg23054394	2.17E-07	2.70E-08	5.8	8.0033979	1.17E-01	140784675	140784798	NC_000003.11
cg19171383	2.17E-07	2.70E-08	5.8	8.003395	1.33E-01	19555084	19555207	NC_000017.10
cg04326198	2.17E-07	2.70E-08	5.8	8.0032559	1.17E-01	36994456	36994579	NC_000014.8
cg26096100	2.17E-07	2.70E-08	5.8	8.0026386	6.05E-02	180111800	180111923	NC_000005.9
cg08881175	2.17E-07	2.70E-08	5.79	8.0010182	1.29E-01	130832393	130832516	NC_000010.10
cg02856109	2.17E-07	2.70E-08	5.79	8.0009941	1.52E-01	80531656	80531779	NC_000002.11
cg00512171	2.17E-07	2.70E-08	5.79	8.0008196	1.83E-01	105389599	105389722	NC_000006.11
cg00119181	2.17E-07	2.71E-08	5.79	8.0005152	2.00E-01	90758537	90758660	NC_000004.11
cg24247673	2.17E-07	2.71E-08	5.79	8.0002489	3.67E-02	37413610	37413733	NC_000010.10
cg07816637	2.17E-07	2.71E-08	5.79	8.0001745	8.11E-02	140782755	140782878	NC_000005.9
cg12648616	2.18E-07	2.71E-08	5.79	7.9985834	5.56E-02	109944060	109944183	NC_000001.10
cg13708218	2.18E-07	2.71E-08	5.79	7.9985608	1.31E-01	65601267	65601390	NC_000011.9
cg07780895	2.18E-07	2.71E-08	5.79	7.9983723	8.30E-02	134754648	134754771	NC_000010.10
cg08344534	2.18E-07	2.71E-08	5.79	7.9976743	3.00E-02	170453854	170453977	NC_000006.11

cg17495715	2.18E-07	2.71E-08	5.79	7.9976057	1.01E-01	176950273	176950396	NC_000002.11
cg10300962	2.18E-07	2.71E-08	5.79	7.9972656	8.47E-02	89907817	89907940	NC_000006.11
cg08649439	2.18E-07	2.72E-08	5.79	7.9970418	3.32E-02	4761868	4761991	NC_000007.13
cg16818414	2.18E-07	2.72E-08	5.79	7.9967547	2.09E-01	45898966	45899089	NC_000022.10
cg20794690	2.18E-07	2.72E-08	5.79	7.9950445	5.25E-02	9886405	9886528	NC_000018.9
cg22402816	2.19E-07	2.72E-08	5.79	7.9941686	4.28E-02	30135671	30135794	NC_000006.11
cg12713877	2.19E-07	2.72E-08	5.79	7.9941272	1.06E-01	108525514	108525637	NC_000012.11
cg15589582	2.19E-07	2.72E-08	5.79	7.9938481	4.15E-02	5261136	5261259	NC_000003.11
cg06693667	2.19E-07	2.73E-08	5.79	7.9933978	7.74E-02	57426570	57426693	NC_000020.10
cg17334937	2.19E-07	2.73E-08	5.79	7.9933647	8.02E-02	54538305	54538428	NC_000010.10
cg04363624	2.19E-07	2.73E-08	5.79	7.9929364	1.51E-01	47697965	47698088	NC_000001.10
cg11234328	2.19E-07	2.73E-08	5.79	7.9924078	9.63E-02	135043586	135043709	NC_000010.10
cg24323548	2.19E-07	2.73E-08	5.79	7.9906593	6.50E-02	10467065	10467188	NC_000008.10
cg13214149	2.19E-07	2.73E-08	5.79	7.9905347	6.90E-02	31740978	31741101	NC_000006.11
cg09177518	2.19E-07	2.74E-08	5.79	7.9896373	1.58E-01	196578010	196578133	NC_000001.10
cg25425078	2.20E-07	2.74E-08	5.79	7.9881985	1.60E-01	4381777	4381900	NC_000012.11
cg20486569	2.20E-07	2.74E-08	5.79	7.9880382	1.64E-01	19512228	19512351	NC_000022.10
cg13688573	2.20E-07	2.74E-08	5.79	7.9875667	6.64E-02	38150028	38150151	NC_000002.11
cg17328472	2.20E-07	2.75E-08	5.79	7.9857723	1.53E-01	4712764	4712887	NC_000001.10
cg14331623	2.20E-07	2.75E-08	5.79	7.9854445	8.49E-02	134155084	134155207	NC_000009.11
cg26796621	2.21E-07	2.75E-08	5.79	7.9843774	4.84E-02	44103176	44103299	NC_000019.9
cg22042896	2.21E-07	2.75E-08	5.79	7.9834661	1.60E-01	99057957	99058080	NC_000015.9
cg08445802	2.21E-07	2.75E-08	5.79	7.9832223	1.57E-01	85482612	85482735	NC_000006.11
cg01916088	2.21E-07	2.76E-08	5.79	7.9827348	1.79E-01	41528531	41528654	NC_000006.11
cg21856435	2.21E-07	2.76E-08	5.79	7.9820492	5.21E-02	99917351	99917474	NC_000008.10

cg09807446	2.21E-07	2.76E-08	5.79	7.9818771	9.40E-02	1171603	1171726	NC_000016.9
cg09496130	2.21E-07	2.76E-08	5.79	7.9808954	4.56E-02	99538493	99538616	NC_000004.11
cg21798608	2.21E-07	2.76E-08	5.79	7.9801563	2.54E-02	195587148	195587271	NC_000003.11
cg24639679	2.22E-07	2.76E-08	5.79	7.9798869	7.00E-02	32847590	32847713	NC_000006.11
cg02876221	2.22E-07	2.77E-08	5.79	7.9790727	1.22E-01	134545513	134545636	NC_000004.11
cg16560313	2.22E-07	2.77E-08	5.79	7.9779518	1.42E-02	103373122	103373245	NC_000014.8
cg14282634	2.22E-07	2.77E-08	5.79	7.9773239	6.25E-02	201680159	201680282	NC_000001.10
cg17255108	2.22E-07	2.77E-08	5.79	7.9771531	6.19E-02	157338433	157338556	NC_000007.13
cg14909464	2.22E-07	2.77E-08	5.79	7.976439	1.07E-01	29107295	29107418	NC_000013.10
cg09635533	2.22E-07	2.77E-08	5.79	7.9762032	7.87E-02	20136822	20136945	NC_000014.8
cg17040471	2.23E-07	2.78E-08	5.79	7.9747579	1.32E-01	19618088	19618211	NC_000021.8
cg24747764	2.23E-07	2.78E-08	5.79	7.9730712	1.50E-01	112761184	112761307	NC_000013.10
cg11920122	2.23E-07	2.79E-08	5.79	7.9708746	1.29E-01	11751556	11751679	NC_000018.9
cg03065139	2.23E-07	2.79E-08	5.79	7.9708495	6.08E-02	209169833	209169956	NC_000002.11
cg22838079	2.24E-07	2.79E-08	5.79	7.9699036	1.14E-01	21759671	21759794	NC_000008.10
cg26836696	2.24E-07	2.79E-08	5.79	7.969195	1.48E-01	145722201	145722324	NC_000005.9
cg22459739	2.24E-07	2.80E-08	5.79	7.968642	1.14E-01	140201153	140201276	NC_000005.9
cg17484771	2.24E-07	2.80E-08	5.79	7.968251	6.18E-02	134890071	134890194	NC_000010.10
cg17339505	2.24E-07	2.80E-08	5.79	7.967981	1.82E-01	43572621	43572744	NC_000010.10
cg21901395	2.24E-07	2.80E-08	5.79	7.967937	7.94E-02	46604235	46604358	NC_000017.10
cg05419671	2.24E-07	2.80E-08	5.79	7.967891	1.37E-01	155248122	155248245	NC_000007.13
cg02658730	2.24E-07	2.80E-08	5.79	7.9664739	1.01E-01	98510182	98510305	NC_000001.10
cg15834355	2.24E-07	2.80E-08	5.79	7.9663856	4.91E-02	54442075	54442198	NC_000012.11
cg19157580	2.24E-07	2.80E-08	5.79	7.9660934	1.64E-01	62733901	62734024	NC_000020.10
cg16206138	2.25E-07	2.80E-08	5.79	7.9655549	1.65E-01	47210270	47210393	NC_000017.10

cg04247336	2.25E-07	2.80E-08	5.79	7.9654353	1.07E-01	103692104	103692227	NC_000014.8
cg21625881	2.25E-07	2.81E-08	5.79	7.9647506	6.97E-02	57430313	57430436	NC_000020.10
cg27591450	2.25E-07	2.81E-08	5.79	7.9647394	1.95E-01	75525004	75525127	NC_000017.10
cg23178809	2.25E-07	2.81E-08	5.79	7.9644508	7.89E-02	355666	355789	NC_000008.10
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cg08148814	2.25E-07	2.81E-08	5.79	7.9635792	4.12E-02	9831610	9831733	NC_000003.11
cg06007678	2.25E-07	2.81E-08	5.79	7.9628462	5.18E-02	63681486	63681609	NC_000011.9
cg10806146	2.25E-07	2.81E-08	5.79	7.9624438	1.37E-01	42356871	42356994	NC_000008.10
cg04275570	2.26E-07	2.82E-08	5.79	7.9598256	3.41E-02	33573857	33573980	NC_000016.9
cg20370281	2.26E-07	2.82E-08	5.79	7.9593129	9.89E-02	41185803	41185926	NC_000015.9
cg07724670	2.26E-07	2.82E-08	5.79	7.9589453	1.77E-01	45440228	45440351	NC_000020.10
cg00098144	2.26E-07	2.82E-08	5.79	7.9586908	1.60E-01	13525235	13525358	NC_000004.11
cg06499647	2.26E-07	2.83E-08	5.79	7.9577763	1.19E-01	106681983	106682106	NC_000002.11
cg18976437	2.26E-07	2.83E-08	5.79	7.9567778	1.85E-01	9712576	9712699	NC_000001.10
cg26458505	2.27E-07	2.83E-08	5.79	7.9566473	7.82E-02	140794664	140794787	NC_000005.9
cg11806672	2.27E-07	2.83E-08	5.79	7.9558845	1.25E-01	79176608	79176731	NC_000013.10
cg25731359	2.27E-07	2.83E-08	5.79	7.9555249	1.33E-01	3567738	3567861	NC_000001.10
cg15237923	2.27E-07	2.83E-08	5.79	7.9555022	1.29E-01	4852424	4852547	NC_000008.10
cg09768093	2.27E-07	2.84E-08	5.79	7.9546473	2.18E-01	32930511	32930634	NC_000001.10
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cg05542262	2.27E-07	2.84E-08	5.79	7.9539432	2.12E-01	80256535	80256658	NC_000005.9
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cg09829319	2.28E-07	2.84E-08	5.78	7.9517801	1.67E-01	10882238	10882361	NC_000006.11

cg11314598	2.28E-07	2.85E-08	5.78	7.9512869	3.68E-02	1076874	1076997	NC_000017.10
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cg01958934	2.28E-07	2.85E-08	5.78	7.9501584	1.20E-01	45449099	45449222	NC_000019.9
cg16230060	2.28E-07	2.85E-08	5.78	7.9500699	4.45E-02	80530213	80530336	NC_000005.9
cg19508437	2.28E-07	2.85E-08	5.78	7.9499574	1.40E-01	35517410	35517533	NC_000013.10
cg24362813	2.28E-07	2.86E-08	5.78	7.9474574	5.50E-02	13523356	13523479	NC_000003.11
cg02293096	2.29E-07	2.86E-08	5.78	7.9463649	3.60E-02	24178632	24178755	NC_000022.10
cg02548777	2.29E-07	2.86E-08	5.78	7.9462445	8.19E-02	170338826	170338949	NC_000006.11
cg03825255	2.29E-07	2.86E-08	5.78	7.945058	4.49E-02	234372469	234372592	NC_000002.11
cg05937046	2.29E-07	2.87E-08	5.78	7.9447207	2.35E-02	77588860	77588983	NC_000014.8
cg12484113	2.29E-07	2.87E-08	5.78	7.9442828	9.16E-02	27898757	27898880	NC_000001.10
cg11150585	2.30E-07	2.87E-08	5.78	7.942485	1.25E-01	45769977	45770100	NC_000021.8
cg27222884	2.30E-07	2.87E-08	5.78	7.9421076	2.65E-02	90001282	90001405	NC_000016.9
cg11827453	2.30E-07	2.88E-08	5.78	7.9399367	1.24E-01	140917413	140917536	NC_000009.11
cg00167710	2.30E-07	2.88E-08	5.78	7.9396768	1.23E-02	178789438	178789561	NC_000003.11
cg12268637	2.30E-07	2.88E-08	5.78	7.9395645	1.13E-01	176964502	176964625	NC_000002.11
cg03113824	2.30E-07	2.88E-08	5.78	7.9386248	2.66E-02	48807322	48807445	NC_000019.9
cg19264651	2.31E-07	2.88E-08	5.78	7.9384155	8.13E-02	126780399	126780522	NC_000009.11
cg02301978	2.31E-07	2.89E-08	5.78	7.9377347	4.36E-02	7069707	7069830	NC_000019.9
cg00400340	2.31E-07	2.89E-08	5.78	7.9365594	4.89E-02	135311642	135311765	NC_000005.9
cg24846199	2.31E-07	2.89E-08	5.78	7.9363009	1.52E-01	1283915	1284038	NC_000007.13
cg00502035	2.31E-07	2.89E-08	5.78	7.936177	8.66E-02	125751386	125751509	NC_000010.10
cg12099658	2.31E-07	2.89E-08	5.78	7.9356956	8.35E-02	89140340	89140463	NC_000008.10
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cg24307102	2.31E-07	2.90E-08	5.78	7.9345263	6.08E-02	126549492	126549615	NC_000006.11

cg04102384	2.32E-07	2.90E-08	5.78	7.9340113	1.17E-01	31668622	31668745	NC_000006.11
cg09405790	2.32E-07	2.90E-08	5.78	7.9338274	1.67E-01	41753440	41753563	NC_000008.10
cg18501555	2.32E-07	2.90E-08	5.78	7.9335767	1.51E-01	111554966	111555089	NC_000004.11
cg16546442	2.32E-07	2.90E-08	5.78	7.9318205	1.01E-01	111539907	111540030	NC_000004.11
cg02003272	2.32E-07	2.91E-08	5.78	7.9308353	7.73E-02	50702719	50702842	NC_000013.10
cg23910835	2.32E-07	2.91E-08	5.78	7.9307021	1.53E-01	154710900	154711023	NC_000004.11
cg10862951	2.32E-07	2.91E-08	5.78	7.9306557	9.30E-02	67381192	67381315	NC_000011.9
cg00564737	2.32E-07	2.91E-08	5.78	7.9303606	1.18E-01	196847182	196847305	NC_000001.10
cg13928782	2.32E-07	2.91E-08	5.78	7.930067	1.25E-01	2162445	2162568	NC_000011.9
cg08133228	2.32E-07	2.91E-08	5.78	7.9299762	8.75E-02	33170832	33170955	NC_000006.11
cg13457165	2.32E-07	2.91E-08	5.78	7.9297028	1.52E-01	40105079	40105202	NC_000001.10
cg13880779	2.33E-07	2.91E-08	5.78	7.9292578	1.22E-01	21376337	21376460	NC_000020.10
cg14424538	2.33E-07	2.92E-08	5.78	7.9276212	1.79E-01	1784365	1784488	NC_000020.10
cg16622495	2.33E-07	2.92E-08	5.78	7.9275659	1.92E-01	5544099	5544222	NC_000018.9
cg00963071	2.33E-07	2.92E-08	5.78	7.9272521	3.64E-02	234662401	234662524	NC_000002.11
cg23295647	2.33E-07	2.92E-08	5.78	7.9268022	7.62E-02	34269637	34269760	NC_000014.8
cg13450708	2.33E-07	2.92E-08	5.78	7.9260913	1.35E-01	154862157	154862280	NC_000007.13
cg06557358	2.33E-07	2.92E-08	5.78	7.9251875	1.24E-01	32907002	32907125	NC_000017.10
cg07627119	2.33E-07	2.92E-08	5.78	7.9249257	1.50E-01	89906172	89906295	NC_000015.9
cg10525394	2.34E-07	2.93E-08	5.78	7.9244179	7.24E-02	158097037	158097160	NC_000006.11
cg13933262	2.34E-07	2.93E-08	5.78	7.9241294	1.91E-01	140797172	140797295	NC_000005.9
cg09777237	2.34E-07	2.93E-08	5.78	7.9238382	1.02E-01	73445236	73445359	NC_000007.13
cg12375586	2.34E-07	2.93E-08	5.78	7.9225119	1.18E-01	43698429	43698552	NC_000007.13
cg05618880	2.34E-07	2.94E-08	5.78	7.9206531	1.34E-01	39954239	39954362	NC_000022.10
cg20986370	2.35E-07	2.94E-08	5.78	7.9200939	1.67E-01	57976171	57976294	NC_000004.11



cg05091238	2.35E-07	2.94E-08	5.78	7.9196369	1.23E-01	157813609	157813732	NC_000003.11
cg21170304	2.35E-07	2.94E-08	5.78	7.9193565	7.83E-02	138879603	138879726	NC_000009.11
cg01881971	2.35E-07	2.94E-08	5.78	7.9192633	1.36E-01	167181457	167181580	NC_000005.9
cg23008606	2.35E-07	2.94E-08	5.78	7.9191888	1.35E-01	26722933	26723056	NC_000008.10
cg10189695	2.35E-07	2.94E-08	5.78	7.9187788	1.38E-01	8582300	8582423	NC_000004.11
cg00348389	2.35E-07	2.94E-08	5.78	7.9187616	9.18E-02	31235706	31235829	NC_000016.9
cg23288807	2.35E-07	2.95E-08	5.78	7.9169313	9.18E-02	128559399	128559522	NC_000011.9
cg13651690	2.35E-07	2.95E-08	5.78	7.9168902	8.82E-02	106320748	106320871	NC_000014.8
cg03954411	2.35E-07	2.95E-08	5.78	7.9165896	1.15E-01	220223623	220223746	NC_000002.11
cg22949575	2.35E-07	2.95E-08	5.78	7.9164047	1.17E-01	79948825	79948948	NC_000017.10
cg17456100	2.35E-07	2.95E-08	5.78	7.9160794	1.16E-01	22140859	22140982	NC_000001.10
cg05335944	2.36E-07	2.95E-08	5.78	7.9154867	1.40E-01	13749010	13749133	NC_000010.10
cg23695687	2.36E-07	2.95E-08	5.78	7.9149596	1.13E-01	54926734	54926857	NC_000019.9
cg19673350	2.36E-07	2.95E-08	5.78	7.9148256	1.17E-01	172755421	172755544	NC_000005.9
cg12304930	2.36E-07	2.96E-08	5.78	7.9141488	7.38E-02	92683554	92683677	NC_000001.10
cg20172500	2.36E-07	2.96E-08	5.78	7.9126679	1.30E-01	6902432	6902555	NC_000003.11
cg01627212	2.36E-07	2.96E-08	5.78	7.9126652	7.81E-02	86715410	86715533	NC_000016.9
cg10614045	2.36E-07	2.96E-08	5.78	7.9124674	1.18E-01	20182122	20182245	NC_000011.9
cg22862961	2.36E-07	2.96E-08	5.78	7.9122916	3.12E-02	99343450	99343573	NC_000010.10
cg26365299	2.36E-07	2.96E-08	5.78	7.9120569	1.37E-01	27205381	27205504	NC_000007.13
cg03427171	2.36E-07	2.96E-08	5.78	7.9117776	5.39E-02	179053297	179053420	NC_000001.10
cg24379742	2.36E-07	2.96E-08	5.78	7.9115004	1.18E-01	194397111	194397234	NC_000003.11
cg17300736	2.36E-07	2.96E-08	5.78	7.9114459	1.50E-01	2162475	2162598	NC_000011.9
cg02414710	2.36E-07	2.97E-08	5.78	7.9113312	6.78E-02	232650142	232650265	NC_000001.10
cg03643904	2.36E-07	2.97E-08	5.78	7.911167	6.83E-02	126063738	126063861	NC_000010.10

cg17102205	2.37E-07	2.97E-08	5.78	7.9086623	1.10E-01	208091961	208092084	NC_000002.11
cg05153364	2.37E-07	2.98E-08	5.78	7.9069946	1.66E-01	4382086	4382209	NC_000012.11
cg17088073	2.38E-07	2.98E-08	5.78	7.9052614	1.49E-01	50882910	50883033	NC_000001.10
cg18641329	2.38E-07	2.98E-08	5.78	7.9048089	3.63E-02	49070825	49070948	NC_000013.10
cg23998749	2.38E-07	2.99E-08	5.78	7.9042346	8.50E-02	154968781	154968904	NC_000001.10
cg25928881	2.38E-07	2.99E-08	5.78	7.9041041	6.06E-02	32632685	32632808	NC_000010.10
cg10908460	2.38E-07	2.99E-08	5.78	7.9040885	1.46E-01	176950736	176950859	NC_000002.11
cg14896990	2.38E-07	2.99E-08	5.78	7.9039076	5.16E-02	29945954	29946077	NC_000008.10
cg14781189	2.38E-07	2.99E-08	5.78	7.9038517	1.39E-01	163695111	163695234	NC_000002.11
cg07579997	2.38E-07	2.99E-08	5.78	7.9036308	1.33E-01	140187043	140187166	NC_000004.11
cg14458903	2.38E-07	2.99E-08	5.77	7.9026377	4.59E-02	11203475	11203598	NC_000003.11
cg15075897	2.38E-07	2.99E-08	5.77	7.9025623	9.22E-02	7862691	7862814	NC_000012.11
cg04023996	2.39E-07	2.99E-08	5.77	7.901702	1.26E-01	50892794	50892917	NC_000001.10
cg24183439	2.39E-07	2.99E-08	5.77	7.901571	3.06E-02	132508377	132508500	NC_000012.11
cg02149708	2.39E-07	3.00E-08	5.77	7.9013233	1.54E-01	166582159	166582282	NC_000006.11
cg00540769	2.39E-07	3.00E-08	5.77	7.9012117	1.07E-01	80689492	80689615	NC_000005.9
cg15485560	2.39E-07	3.00E-08	5.77	7.9001838	6.26E-02	21000369	21000492	NC_000020.10
cg20004406	2.39E-07	3.00E-08	5.77	7.9001028	1.36E-01	56879994	56880117	NC_000019.9
cg01296889	2.39E-07	3.00E-08	5.77	7.8997426	1.13E-01	54122032	54122155	NC_000003.11
cg05302386	2.40E-07	3.01E-08	5.77	7.897819	2.26E-01	52734525	52734648	NC_000014.8
cg15001372	2.40E-07	3.01E-08	5.77	7.8977889	8.19E-02	44229892	44230015	NC_000007.13
cg01162672	2.40E-07	3.01E-08	5.77	7.8972034	1.42E-01	133562275	133562398	NC_000006.11
cg02492708	2.40E-07	3.01E-08	5.77	7.8971097	8.61E-02	2005062	2005185	NC_000016.9
cg12191970	2.40E-07	3.01E-08	5.77	7.8967937	7.54E-02	39569534	39569657	NC_000014.8
cg13196826	2.40E-07	3.01E-08	5.77	7.8962328	1.71E-01	98945664	98945787	NC_000010.10

cg15126201	2.40E-07	3.01E-08	5.77	7.8958252	2.68E-02	3325654	3325777	NC_000002.11
cg15688713	2.40E-07	3.01E-08	5.77	7.8958085	5.79E-02	99982392	99982515	NC_000003.11
cg25911123	2.40E-07	3.01E-08	5.77	7.8957634	8.49E-02	55931447	55931570	NC_000017.10
cg06992324	2.40E-07	3.01E-08	5.77	7.8951049	6.05E-02	122322947	122323070	NC_000002.11
cg07545052	2.40E-07	3.02E-08	5.77	7.8936267	4.43E-02	69486584	69486707	NC_000011.9
cg21401879	2.41E-07	3.02E-08	5.77	7.8921916	1.98E-01	45162036	45162159	NC_000002.11
cg08959216	2.41E-07	3.03E-08	5.77	7.8918217	1.62E-01	35293309	35293432	NC_000007.13
cg07089232	2.41E-07	3.03E-08	5.77	7.8915841	8.69E-02	8216813	8216936	NC_000004.11
cg21606490	2.41E-07	3.03E-08	5.77	7.8911285	1.22E-01	108023428	108023551	NC_000001.10
cg18446159	2.41E-07	3.03E-08	5.77	7.8904427	1.20E-01	47574285	47574408	NC_000017.10
cg15611413	2.41E-07	3.03E-08	5.77	7.8903677	1.85E-01	54333587	54333710	NC_000012.11
cg22233579	2.41E-07	3.03E-08	5.77	7.8903519	4.24E-02	206641195	206641318	NC_000002.11
cg02390947	2.41E-07	3.03E-08	5.77	7.8894054	3.55E-02	105273633	105273756	NC_000010.10
cg02081018	2.42E-07	3.03E-08	5.77	7.8891855	3.14E-02	38445169	38445292	NC_000021.8
cg16415340	2.42E-07	3.03E-08	5.77	7.8888461	1.66E-01	2160964	2161087	NC_000011.9
cg27475586	2.42E-07	3.04E-08	5.77	7.8877397	2.67E-02	69931337	69931460	NC_000011.9
cg16791619	2.42E-07	3.04E-08	5.77	7.886949	1.66E-01	29228940	29229063	NC_000014.8
cg24436932	2.42E-07	3.04E-08	5.77	7.8863306	4.16E-02	89879921	89880044	NC_000012.11
cg18031850	2.42E-07	3.04E-08	5.77	7.8860799	1.22E-01	33716452	33716575	NC_000019.9
cg23514936	2.42E-07	3.04E-08	5.77	7.8860384	1.73E-01	20838523	20838646	NC_000007.13
cg05382097	2.42E-07	3.05E-08	5.77	7.8851932	1.58E-01	6201536	6201659	NC_000004.11
cg24930223	2.43E-07	3.05E-08	5.77	7.8846886	1.27E-01	21645163	21645286	NC_000008.10
cg11590337	2.43E-07	3.05E-08	5.77	7.8846084	7.37E-02	130268720	130268843	NC_000006.11
cg01418256	2.43E-07	3.05E-08	5.77	7.8842256	1.37E-01	137523892	137524015	NC_000002.11
cg05631737	2.43E-07	3.05E-08	5.77	7.8833027	1.20E-01	49780701	49780824	NC_000008.10

cg12468774	2.43E-07	3.05E-08	5.77	7.8831544	1.69E-01	49236860	49236983	NC_000003.11
cg01917669	2.43E-07	3.06E-08	5.77	7.8814262	4.89E-02	47056698	47056821	NC_000021.8
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cg02318535	2.44E-07	3.06E-08	5.77	7.8791215	1.20E-01	56832804	56832927	NC_000017.10
cg01981601	2.44E-07	3.06E-08	5.77	7.879117	1.65E-01	60032607	60032730	NC_000008.10
cg02798899	2.44E-07	3.07E-08	5.77	7.8782019	8.87E-02	125028166	125028289	NC_000012.11
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cg18942934	2.44E-07	3.07E-08	5.77	7.8766226	7.06E-02	32847762	32847885	NC_000006.11
cg21481937	2.45E-07	3.08E-08	5.77	7.8757251	1.09E-01	71113149	71113272	NC_000012.11
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cg23365739	2.45E-07	3.08E-08	5.77	7.8733785	1.15E-01	57277178	57277301	NC_000014.8
cg04330881	2.45E-07	3.08E-08	5.77	7.8730917	1.11E-01	208613175	208613298	NC_000002.11
cg09362366	2.45E-07	3.08E-08	5.77	7.8727784	1.20E-01	159710706	159710829	NC_000003.11
cg02615376	2.45E-07	3.08E-08	5.77	7.8727483	5.70E-02	141755319	141755442	NC_000005.9
cg23889772	2.45E-07	3.09E-08	5.77	7.872314	7.34E-02	10077324	10077447	NC_000019.9
cg16359799	2.46E-07	3.09E-08	5.77	7.8716605	8.35E-02	138739900	138740023	NC_000003.11
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cg23474211	2.46E-07	3.09E-08	5.77	7.8701374	1.74E-01	88388646	88388769	NC_000007.13

cg05621343	2.46E-07	3.10E-08	5.77	7.8691748	2.08E-01	134146253	134146376	NC_000011.9
cg03810428	2.46E-07	3.10E-08	5.77	7.868852	1.63E-01	103218441	103218564	NC_000012.11
cg10688799	2.46E-07	3.10E-08	5.77	7.8684489	1.25E-01	45481164	45481287	NC_000013.10
cg19314470	2.47E-07	3.10E-08	5.77	7.8675209	1.43E-01	30401028	30401151	NC_000008.10
cg25309759	2.47E-07	3.10E-08	5.77	7.8674617	1.08E-01	34068225	34068348	NC_000017.10
cg05315417	2.47E-07	3.10E-08	5.77	7.8670806	7.04E-02	44237019	44237142	NC_000018.9
cg21854408	2.47E-07	3.11E-08	5.77	7.8650102	1.40E-01	240161445	240161568	NC_000001.10
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cg05983231	2.48E-07	3.12E-08	5.77	7.863214	1.10E-01	4856380	4856503	NC_000004.11
cg21916108	2.48E-07	3.12E-08	5.77	7.8630941	1.52E-01	106330559	106330682	NC_000008.10
cg04553690	2.48E-07	3.12E-08	5.77	7.8626476	1.12E-01	140777501	140777624	NC_000005.9
cg04094811	2.48E-07	3.12E-08	5.77	7.8625356	1.29E-01	1393336	1393459	NC_000006.11
cg20242280	2.48E-07	3.12E-08	5.77	7.8622725	2.01E-01	64826184	64826307	NC_000017.10
cg09362796	2.48E-07	3.12E-08	5.77	7.8615325	8.69E-02	3204792	3204915	NC_000004.11
cg10170495	2.48E-07	3.12E-08	5.77	7.8614757	9.16E-02	33454616	33454739	NC_000022.10
cg07821374	2.48E-07	3.12E-08	5.77	7.8614161	1.03E-01	140536320	140536443	NC_000005.9
cg07954572	2.48E-07	3.13E-08	5.77	7.8600927	8.51E-02	117484521	117484644	NC_000012.11
cg05803237	2.48E-07	3.13E-08	5.77	7.8598558	1.05E-01	92702628	92702751	NC_000011.9
cg20242070	2.49E-07	3.13E-08	5.77	7.859088	9.84E-02	44510570	44510693	NC_000006.11
cg01942492	2.49E-07	3.13E-08	5.77	7.8577221	4.86E-02	237144916	237145039	NC_000001.10
cg11899535	2.49E-07	3.14E-08	5.77	7.8563757	1.42E-01	70598282	70598405	NC_000007.13
cg27663733	2.49E-07	3.14E-08	5.77	7.8560642	5.28E-02	15523510	15523633	NC_000017.10
cg00601432	2.50E-07	3.14E-08	5.77	7.8549558	5.49E-02	151148420	151148543	NC_000005.9
cg14200543	2.50E-07	3.14E-08	5.77	7.8547345	3.75E-02	32023246	32023369	NC_000006.11

cg13342435	2.50E-07	3.14E-08	5.77	7.8546054	1.48E-01	30605787	30605910	NC_000011.9
cg14957685	2.50E-07	3.14E-08	5.77	7.8541604	7.59E-02	20756214	20756337	NC_000017.10
cg02049629	2.50E-07	3.14E-08	5.77	7.8540964	1.50E-01	28662065	28662188	NC_000006.11
cg10362113	2.50E-07	3.15E-08	5.76	7.8518112	9.72E-02	96978537	96978660	NC_000014.8
cg18409838	2.50E-07	3.15E-08	5.76	7.8513723	8.45E-02	4475157	4475280	NC_000017.10
cg01946451	2.50E-07	3.15E-08	5.76	7.8512107	1.46E-01	147782558	147782681	NC_000001.10
cg04013024	2.50E-07	3.15E-08	5.76	7.8511666	1.10E-01	147075221	147075344	NC_000003.11
cg25422992	2.51E-07	3.16E-08	5.76	7.8507567	3.44E-02	2317059	2317182	NC_000007.13
cg01365486	2.51E-07	3.16E-08	5.76	7.8506724	7.71E-02	150378881	150379004	NC_000006.11
cg06621094	2.51E-07	3.16E-08	5.76	7.850423	1.53E-01	75149963	75150086	NC_000013.10
cg03154931	2.51E-07	3.16E-08	5.76	7.8496625	1.40E-01	21086103	21086226	NC_000020.10
cg01301252	2.51E-07	3.16E-08	5.76	7.8489935	5.64E-02	140724683	140724806	NC_000005.9
cg03184141	2.51E-07	3.16E-08	5.76	7.8481157	1.03E-01	89346989	89347112	NC_000015.9
cg02409351	2.51E-07	3.17E-08	5.76	7.8475191	1.71E-01	85674022	85674145	NC_000012.11
cg03903831	2.51E-07	3.17E-08	5.76	7.846861	5.01E-02	24739249	24739372	NC_000013.10
cg03383295	2.52E-07	3.17E-08	5.76	7.8465242	1.75E-01	1709580	1709703	NC_000007.13
cg09746494	2.52E-07	3.18E-08	5.76	7.8441776	1.16E-01	147568715	147568838	NC_000004.11
cg16092829	2.52E-07	3.18E-08	5.76	7.8440779	1.16E-01	2336971	2337094	NC_000002.11
cg22534759	2.52E-07	3.18E-08	5.76	7.8432782	5.84E-02	32403029	32403152	NC_000010.10
cg00227225	2.53E-07	3.18E-08	5.76	7.8416345	1.35E-01	48011091	48011214	NC_000015.9
cg04169912	2.53E-07	3.19E-08	5.76	7.8404363	5.36E-02	35791192	35791315	NC_000019.9
cg07766572	2.53E-07	3.19E-08	5.76	7.8395652	7.28E-02	84252213	84252336	NC_000016.9
cg06557057	2.53E-07	3.19E-08	5.76	7.8394766	1.54E-01	142494706	142494829	NC_000007.13
cg06012269	2.54E-07	3.20E-08	5.76	7.8384074	8.12E-02	17608374	17608497	NC_000019.9
cg14471124	2.54E-07	3.20E-08	5.76	7.8380055	3.36E-02	360726	360849	NC_000019.9

cg26195683	2.54E-07	3.20E-08	5.76	7.837746	1.23E-01	1667958	1668081	NC_000005.9
cg24147793	2.54E-07	3.21E-08	5.76	7.8353752	5.53E-02	134471539	134471662	NC_000008.10
cg09862148	2.54E-07	3.21E-08	5.76	7.8348259	1.31E-01	10388322	10388445	NC_000006.11
cg26946821	2.54E-07	3.21E-08	5.76	7.8347862	1.73E-01	35292390	35292513	NC_000017.10
cg18070676	2.55E-07	3.21E-08	5.76	7.8342589	1.91E-01	85997519	85997642	NC_000014.8
cg18639129	2.55E-07	3.21E-08	5.76	7.8336953	5.15E-02	194817200	194817323	NC_000003.11
cg18221021	2.55E-07	3.21E-08	5.76	7.8329271	1.46E-01	84432312	84432435	NC_000011.9
cg00756451	2.55E-07	3.21E-08	5.76	7.8325396	1.43E-01	114842700	114842823	NC_000012.11
cg13031251	2.55E-07	3.22E-08	5.76	7.832413	1.36E-01	77268734	77268857	NC_000005.9
cg23892390	2.55E-07	3.22E-08	5.76	7.8322244	7.75E-02	8603012	8603135	NC_000004.11
cg11120927	2.55E-07	3.22E-08	5.76	7.8321894	1.80E-01	239072674	239072797	NC_000002.11
cg14795752	2.55E-07	3.22E-08	5.76	7.832095	1.38E-01	91185441	91185564	NC_000001.10
cg13874425	2.55E-07	3.22E-08	5.76	7.8315685	1.25E-01	115835616	115835739	NC_000009.11
cg02632952	2.56E-07	3.22E-08	5.76	7.8299824	1.08E-01	190426524	190426647	NC_000003.11
cg04590323	2.56E-07	3.22E-08	5.76	7.8299002	1.54E-01	39953557	39953680	NC_000022.10
cg13391488	2.56E-07	3.23E-08	5.76	7.8272614	6.13E-02	117068532	117068655	NC_000009.11
cg21415035	2.56E-07	3.23E-08	5.76	7.8270208	4.17E-02	52305328	52305451	NC_000012.11
cg14165663	2.56E-07	3.23E-08	5.76	7.8265091	1.06E-01	74070269	74070392	NC_000017.10
cg20642710	2.57E-07	3.24E-08	5.76	7.8259308	1.71E-01	81951951	81952074	NC_000004.11
cg04625975	2.57E-07	3.24E-08	5.76	7.8247167	1.02E-01	44285864	44285987	NC_000010.10
cg26424649	2.57E-07	3.24E-08	5.76	7.824142	9.12E-02	90307521	90307644	NC_000007.13
cg08933615	2.57E-07	3.25E-08	5.76	7.8224882	1.27E-01	149146618	149146741	NC_000001.10
cg26476502	2.58E-07	3.25E-08	5.76	7.8218923	1.28E-01	140480941	140481064	NC_000005.9
cg07806886	2.58E-07	3.25E-08	5.76	7.8211625	1.72E-01	120626899	120627022	NC_000003.11
cg20216928	2.58E-07	3.26E-08	5.76	7.8199487	7.23E-02	134735508	134735631	NC_000010.10

cg06679334	2.58E-07	3.26E-08	5.76	7.8195862	1.41E-01	35241844	35241967	NC_000017.10
cg13728069	2.58E-07	3.26E-08	5.76	7.8193357	1.45E-01	140352318	140352441	NC_000009.11
cg20657674	2.59E-07	3.26E-08	5.76	7.8175307	1.15E-01	180600912	180601035	NC_000005.9
cg26171815	2.59E-07	3.27E-08	5.76	7.8162449	1.05E-01	36149518	36149641	NC_000005.9
cg13066983	2.59E-07	3.27E-08	5.76	7.8159984	1.47E-01	68057306	68057429	NC_000003.11
cg03099988	2.59E-07	3.27E-08	5.76	7.8159082	6.08E-02	132834467	132834590	NC_000012.11
cg10092709	2.59E-07	3.27E-08	5.76	7.8152397	4.02E-02	3159703	3159826	NC_000016.9
cg03210827	2.59E-07	3.27E-08	5.76	7.8145219	1.11E-01	104574906	104575029	NC_000010.10
cg07544187	2.60E-07	3.28E-08	5.76	7.813888	1.22E-01	19651235	19651358	NC_000019.9
cg16468843	2.60E-07	3.28E-08	5.76	7.8136234	9.91E-02	10370624	10370747	NC_000003.11
cg22462983	2.60E-07	3.28E-08	5.76	7.8135594	1.23E-01	133561756	133561879	NC_000006.11
cg12392473	2.60E-07	3.28E-08	5.76	7.8135016	2.11E-01	48099331	48099454	NC_000020.10
cg03419058	2.60E-07	3.28E-08	5.76	7.8133185	2.35E-01	26108391	26108514	NC_000015.9
cg07631119	2.60E-07	3.28E-08	5.76	7.812831	4.59E-02	127421927	127422050	NC_000007.13
cg04937609	2.60E-07	3.28E-08	5.76	7.8128285	7.49E-02	23852064	23852187	NC_000002.11
cg00378234	2.60E-07	3.28E-08	5.76	7.8122986	7.68E-02	15904416	15904539	NC_000019.9
cg15294263	2.60E-07	3.28E-08	5.76	7.8122337	9.65E-02	46723167	46723290	NC_000021.8
cg05604079	2.60E-07	3.28E-08	5.76	7.8117399	2.04E-01	122302268	122302391	NC_000004.11
cg13768269	2.60E-07	3.29E-08	5.76	7.8110585	1.77E-01	114140	114263	NC_000009.11
cg19564098	2.60E-07	3.29E-08	5.76	7.8107505	2.07E-01	124895697	124895820	NC_000010.10
cg04349219	2.60E-07	3.29E-08	5.76	7.8100198	3.95E-02	105688129	105688252	NC_000014.8
cg24003850	2.61E-07	3.29E-08	5.76	7.8091723	7.30E-02	92246958	92247081	NC_000005.9
cg10417567	2.61E-07	3.30E-08	5.76	7.8079842	1.06E-01	85418371	85418494	NC_000004.11
cg24249411	2.61E-07	3.30E-08	5.76	7.8076326	1.38E-01	27744759	27744882	NC_000011.9
cg09307794	2.61E-07	3.30E-08	5.76	7.8075733	7.45E-02	53851924	53852047	NC_000006.11



cg20510833	2.61E-07	3.30E-08	5.76	7.8075121	6.63E-02	163483399	163483522	NC_000004.11
cg10023749	2.61E-07	3.30E-08	5.76	7.8074284	5.45E-02	132303409	132303532	NC_000012.11
cg25154482	2.61E-07	3.30E-08	5.76	7.8073556	1.45E-01	179497098	179497221	NC_000005.9
cg15356154	2.61E-07	3.30E-08	5.76	7.8066604	9.63E-02	5928072	5928195	NC_000004.11
cg19343566	2.61E-07	3.30E-08	5.76	7.806214	1.32E-01	149156107	149156230	NC_000001.10
cg22871653	2.62E-07	3.30E-08	5.76	7.8056994	1.51E-01	119535817	119535940	NC_000001.10
cg09500171	2.62E-07	3.31E-08	5.76	7.8044324	5.77E-02	42460818	42460941	NC_000004.11
cg27574815	2.62E-07	3.31E-08	5.75	7.8037984	3.92E-02	69770954	69771077	NC_000016.9
cg05684907	2.62E-07	3.31E-08	5.75	7.8037585	5.25E-02	18694596	18694719	NC_000007.13
cg09758796	2.62E-07	3.32E-08	5.75	7.8023475	2.70E-02	19239848	19239971	NC_000016.9
cg17188147	2.63E-07	3.32E-08	5.75	7.8016521	1.41E-01	48699373	48699496	NC_000003.11
cg22854985	2.63E-07	3.32E-08	5.75	7.8010517	6.85E-02	174082101	174082224	NC_000002.11
cg24035447	2.63E-07	3.32E-08	5.75	7.8001884	1.73E-01	48036613	48036736	NC_000006.11
cg14583124	2.63E-07	3.32E-08	5.75	7.7997195	6.82E-02	186207871	186207994	NC_000004.11
cg07466193	2.63E-07	3.33E-08	5.75	7.7992961	1.45E-01	215410	215533	NC_000016.9
cg12382153	2.63E-07	3.33E-08	5.75	7.79906	1.60E-01	58357204	58357327	NC_000015.9
cg03468463	2.63E-07	3.33E-08	5.75	7.798885	5.49E-02	61223564	61223687	NC_000018.9
cg18586851	2.63E-07	3.33E-08	5.75	7.7986364	5.66E-02	31332353	31332476	NC_000020.10
cg03031609	2.64E-07	3.33E-08	5.75	7.7972853	1.14E-01	7453871	7453994	NC_000010.10
cg21084704	2.64E-07	3.34E-08	5.75	7.7956598	1.69E-02	47022545	47022668	NC_000018.9
cg18905039	2.64E-07	3.34E-08	5.75	7.7954945	6.78E-02	102452473	102452596	NC_000014.8
cg19524681	2.64E-07	3.34E-08	5.75	7.7953643	5.78E-02	240566210	240566333	NC_000002.11
cg11860886	2.64E-07	3.34E-08	5.75	7.7941901	3.78E-02	106857312	106857435	NC_000014.8
cg26480091	2.65E-07	3.35E-08	5.75	7.7933535	1.28E-01	156403454	156403577	NC_000002.11
cg08073882	2.65E-07	3.35E-08	5.75	7.7926719	2.23E-01	6202381	6202504	NC_000004.11

cg13971603	2.65E-07	3.35E-08	5.75	7.792051	5.40E-02	135061908	135062031	NC_000009.11
cg04028541	2.65E-07	3.35E-08	5.75	7.7916897	5.39E-02	48071778	48071901	NC_000007.13
cg02537309	2.65E-07	3.36E-08	5.75	7.790835	1.05E-02	30680763	30680886	NC_000016.9
cg13794390	2.65E-07	3.36E-08	5.75	7.7905824	8.74E-02	42724714	42724837	NC_000001.10
cg18008247	2.65E-07	3.36E-08	5.75	7.7904553	1.28E-01	124719009	124719132	NC_000003.11
cg01418539	2.65E-07	3.36E-08	5.75	7.7902149	7.19E-02	173098736	173098859	NC_000002.11
cg04685534	2.66E-07	3.36E-08	5.75	7.7890415	1.59E-01	45270788	45270911	NC_000012.11
cg01519714	2.66E-07	3.36E-08	5.75	7.788982	1.67E-01	27070750	27070873	NC_000002.11
cg09087897	2.66E-07	3.36E-08	5.75	7.7885037	5.71E-02	74714618	74714741	NC_000017.10
cg02007844	2.66E-07	3.37E-08	5.75	7.7872612	1.51E-01	21927990	21928113	NC_000012.11
cg07333715	2.67E-07	3.37E-08	5.75	7.785978	1.40E-01	2292691	2292814	NC_000011.9
cg22699052	2.67E-07	3.37E-08	5.75	7.7858495	4.50E-02	708597	708720	NC_000017.10
cg07947531	2.67E-07	3.38E-08	5.75	7.785144	1.05E-01	32252266	32252389	NC_000001.10
cg17702455	2.67E-07	3.38E-08	5.75	7.784863	3.96E-02	28058989	28059112	NC_000007.13
cg05225187	2.67E-07	3.38E-08	5.75	7.7846856	1.56E-01	100809451	100809574	NC_000007.13
cg12178431	2.67E-07	3.38E-08	5.75	7.7840992	8.02E-02	14860764	14860887	NC_000003.11
cg12123671	2.67E-07	3.38E-08	5.75	7.7840473	1.77E-01	170605623	170605746	NC_000006.11
cg03285457	2.67E-07	3.38E-08	5.75	7.7840412	8.07E-02	102988529	102988652	NC_000010.10
cg12061370	2.67E-07	3.38E-08	5.75	7.7838946	3.70E-02	33147514	33147637	NC_000006.11
cg00432659	2.67E-07	3.38E-08	5.75	7.783682	9.90E-02	11151283	11151406	NC_000018.9
cg08055994	2.67E-07	3.38E-08	5.75	7.7830823	5.59E-02	109190922	109191045	NC_000002.11
cg21206233	2.67E-07	3.38E-08	5.75	7.7824784	4.58E-02	53844068	53844191	NC_000003.11
cg16209364	2.68E-07	3.39E-08	5.75	7.7808832	5.96E-02	138632600	138632723	NC_000005.9
cg01114085	2.68E-07	3.39E-08	5.75	7.7802352	7.88E-02	69803503	69803626	NC_000011.9
cg20458433	2.68E-07	3.40E-08	5.75	7.7793654	1.30E-01	71463069	71463192	NC_000017.10

cg13466546	2.68E-07	3.40E-08	5.75	7.7792967	6.13E-02	77926436	77926559	NC_000017.10
cg13360495	2.68E-07	3.40E-08	5.75	7.7783776	2.96E-02	79893236	79893359	NC_000017.10
cg11877773	2.68E-07	3.40E-08	5.75	7.7781575	5.65E-02	71660200	71660323	NC_000014.8
cg13169667	2.69E-07	3.40E-08	5.75	7.7779755	7.03E-02	144519832	144519955	NC_000008.10
cg11049583	2.69E-07	3.40E-08	5.75	7.7771053	8.63E-02	110158883	110159006	NC_000008.10
cg00439318	2.69E-07	3.40E-08	5.75	7.7768941	7.28E-02	89601909	89602032	NC_000016.9
cg07362328	2.69E-07	3.41E-08	5.75	7.776353	1.24E-01	50886393	50886516	NC_000001.10
cg14850601	2.69E-07	3.41E-08	5.75	7.775549	1.30E-01	44143050	44143173	NC_000018.9
cg19863592	2.69E-07	3.41E-08	5.75	7.7751634	1.87E-01	129338841	129338964	NC_000012.11
cg18887769	2.69E-07	3.41E-08	5.75	7.7750473	6.51E-02	22945181	22945304	NC_000014.8
cg03440540	2.69E-07	3.41E-08	5.75	7.7746938	8.19E-02	48976173	48976296	NC_000022.10
cg18750086	2.69E-07	3.41E-08	5.75	7.774294	1.80E-01	140774161	140774284	NC_000007.13
cg14330641	2.70E-07	3.42E-08	5.75	7.7735672	1.23E-01	154710399	154710522	NC_000004.11
cg23109867	2.70E-07	3.42E-08	5.75	7.7731534	6.99E-02	41304105	41304228	NC_000001.10
cg27580375	2.70E-07	3.42E-08	5.75	7.7729591	3.02E-02	1438391	1438514	NC_000005.9
cg10639888	2.70E-07	3.42E-08	5.75	7.7728814	1.72E-01	154335368	154335491	NC_000002.11
cg11951844	2.70E-07	3.42E-08	5.75	7.7727169	4.41E-02	29378126	29378249	NC_000017.10
cg08472795	2.70E-07	3.42E-08	5.75	7.772449	1.12E-01	129067253	129067376	NC_000002.11
cg17602451	2.70E-07	3.42E-08	5.75	7.7719836	1.54E-01	60985645	60985768	NC_000018.9
cg19195935	2.70E-07	3.42E-08	5.75	7.7718913	3.11E-02	168544539	168544662	NC_000001.10
cg11590213	2.70E-07	3.42E-08	5.75	7.7710695	5.82E-02	66331682	66331805	NC_000005.9
cg14005153	2.70E-07	3.43E-08	5.75	7.7704947	2.43E-02	113350993	113351116	NC_000013.10
cg19673995	2.70E-07	3.43E-08	5.75	7.7703486	3.83E-02	132163518	132163641	NC_000012.11
cg20632416	2.71E-07	3.43E-08	5.75	7.7701901	7.57E-02	48363645	48363768	NC_000019.9
cg16691593	2.71E-07	3.43E-08	5.75	7.7697982	1.17E-01	76934634	76934757	NC_000005.9

cg02875240	2.71E-07	3.43E-08	5.75	7.7692764	7.43E-02	58893686	58893809	NC_000019.9
cg01680010	2.71E-07	3.43E-08	5.75	7.7682856	1.89E-01	96647117	96647240	NC_000007.13
cg18864124	2.71E-07	3.44E-08	5.75	7.7678373	9.02E-02	227288863	227288986	NC_000002.11
cg05921905	2.71E-07	3.44E-08	5.75	7.7673617	1.78E-01	27142527	27142650	NC_000007.13
cg17204652	2.71E-07	3.44E-08	5.75	7.7672041	1.20E-01	233252706	233252829	NC_000002.11
cg01878960	2.71E-07	3.44E-08	5.75	7.7671209	1.18E-01	158358294	158358417	NC_000007.13
cg02698013	2.71E-07	3.44E-08	5.75	7.7663742	5.19E-02	140777406	140777529	NC_000009.11
cg03439958	2.72E-07	3.44E-08	5.75	7.7660479	2.65E-02	101612331	101612454	NC_000002.11
cg19403534	2.72E-07	3.45E-08	5.75	7.7649096	1.25E-01	120355419	120355542	NC_000010.10
cg13161658	2.72E-07	3.45E-08	5.75	7.7648118	1.13E-01	30038797	30038920	NC_000011.9
cg22700015	2.72E-07	3.45E-08	5.75	7.7647734	1.32E-01	228743131	228743254	NC_000001.10
cg05196366	2.72E-07	3.45E-08	5.75	7.7645023	9.99E-02	3239155	3239278	NC_000016.9
cg13113525	2.73E-07	3.45E-08	5.75	7.7624767	1.15E-01	74427234	74427357	NC_000015.9
cg13527203	2.73E-07	3.46E-08	5.75	7.7618705	1.20E-01	145048278	145048401	NC_000008.10
cg22987116	2.73E-07	3.46E-08	5.75	7.7618643	9.18E-02	37461296	37461419	NC_000006.11
cg23917057	2.73E-07	3.46E-08	5.75	7.7617356	1.37E-01	88752619	88752742	NC_000002.11
cg17451609	2.73E-07	3.46E-08	5.75	7.7615552	1.44E-01	25901869	25901992	NC_000008.10
cg14976646	2.73E-07	3.46E-08	5.75	7.7614491	1.32E-01	12253828	12253951	NC_000018.9
cg03340318	2.73E-07	3.46E-08	5.75	7.7614228	3.50E-02	33389799	33389922	NC_000001.10
cg08892899	2.73E-07	3.46E-08	5.75	7.7610661	1.09E-01	85955302	85955425	NC_000010.10
cg04322718	2.73E-07	3.46E-08	5.75	7.7607964	8.85E-02	32096728	32096851	NC_000006.11
cg19030814	2.73E-07	3.46E-08	5.75	7.7607661	1.46E-01	232600205	232600328	NC_000001.10
cg24790628	2.73E-07	3.46E-08	5.75	7.7597169	1.09E-01	34112376	34112499	NC_000019.9
cg27235662	2.73E-07	3.46E-08	5.75	7.7595413	8.49E-02	190105986	190106109	NC_000003.11
cg22110569	2.73E-07	3.47E-08	5.75	7.7590645	4.23E-02	161009463	161009586	NC_000001.10

cg22702443	2.73E-07	3.47E-08	5.75	7.7586429	4.82E-02	60831205	60831328	NC_000017.10
cg16691821	2.74E-07	3.47E-08	5.75	7.7575696	1.48E-01	2375627	2375750	NC_000001.10
cg08059859	2.74E-07	3.47E-08	5.75	7.7571269	4.35E-02	50303211	50303334	NC_000019.9
cg06700209	2.74E-07	3.47E-08	5.75	7.7570026	9.83E-02	72758095	72758218	NC_000008.10
cg26509691	2.74E-07	3.48E-08	5.75	7.7563788	1.25E-01	134363516	134363639	NC_000005.9
cg02839622	2.74E-07	3.48E-08	5.75	7.7556637	4.47E-02	55904289	55904412	NC_000020.10
cg18024479	2.74E-07	3.48E-08	5.75	7.7554523	1.22E-01	93519220	93519343	NC_000007.13
cg20292653	2.75E-07	3.48E-08	5.74	7.7547238	3.92E-02	5847374	5847497	NC_000002.11
cg18573383	2.75E-07	3.48E-08	5.74	7.7539832	1.29E-01	75603401	75603524	NC_000012.11
cg00545804	2.75E-07	3.49E-08	5.74	7.753067	2.06E-01	31841391	31841514	NC_000019.9
cg25682903	2.75E-07	3.49E-08	5.74	7.7524082	6.64E-02	149916616	149916739	NC_000007.13
cg19593762	2.75E-07	3.49E-08	5.74	7.7521313	1.49E-02	58240809	58240932	NC_000012.11
cg19733740	2.75E-07	3.49E-08	5.74	7.7519697	6.18E-02	82609924	82610047	NC_000011.9
cg20912923	2.76E-07	3.50E-08	5.74	7.7509189	1.30E-01	2885516	2885639	NC_000008.10
cg13365752	2.76E-07	3.50E-08	5.74	7.7507316	1.13E-01	125485770	125485893	NC_000003.11
cg03575122	2.76E-07	3.50E-08	5.74	7.7501483	7.27E-02	103407566	103407689	NC_000008.10
cg07423205	2.76E-07	3.50E-08	5.74	7.7501037	1.35E-01	37834672	37834795	NC_000005.9
cg07416383	2.76E-07	3.50E-08	5.74	7.7499576	1.12E-01	155302899	155303022	NC_000007.13
cg22734165	2.76E-07	3.50E-08	5.74	7.7488837	6.73E-02	1220336	1220459	NC_000011.9
cg02361493	2.76E-07	3.50E-08	5.74	7.748696	9.19E-02	131164500	131164623	NC_000012.11
cg11835068	2.76E-07	3.50E-08	5.74	7.7485981	1.40E-01	4714974	4715097	NC_000001.10
cg15946571	2.76E-07	3.51E-08	5.74	7.7481784	7.99E-02	167851031	167851154	NC_000005.9
cg21542223	2.76E-07	3.51E-08	5.74	7.7477172	1.28E-01	91190005	91190128	NC_000001.10
cg19227382	2.76E-07	3.51E-08	5.74	7.7475411	2.97E-02	73521606	73521729	NC_000010.10
cg13769046	2.77E-07	3.51E-08	5.74	7.746589	5.95E-02	77389766	77389889	NC_000017.10

cg22646710	2.77E-07	3.51E-08	5.74	7.7463858	1.25E-01	114696798	114696921	NC_000001.10
cg16779811	2.77E-07	3.52E-08	5.74	7.7440868	6.04E-02	615409	615532	NC_000008.10
cg24941292	2.77E-07	3.52E-08	5.74	7.7437457	7.24E-02	12213045	12213168	NC_000001.10
cg12727256	2.77E-07	3.52E-08	5.74	7.743491	9.11E-02	24838292	24838415	NC_000022.10
cg07341624	2.78E-07	3.52E-08	5.74	7.7431275	1.32E-01	2539167	2539290	NC_000020.10
cg12210890	2.78E-07	3.53E-08	5.74	7.742677	1.95E-01	110988071	110988194	NC_000008.10
cg13748287	2.78E-07	3.53E-08	5.74	7.7418	8.29E-02	184290594	184290717	NC_000003.11
cg15742412	2.78E-07	3.53E-08	5.74	7.7407574	1.82E-01	181452048	181452171	NC_000001.10
cg08218734	2.78E-07	3.53E-08	5.74	7.7404536	1.88E-01	128993810	128993933	NC_000010.10
cg26725891	2.78E-07	3.53E-08	5.74	7.7403218	8.21E-02	23932412	23932535	NC_000015.9
cg02286155	2.78E-07	3.54E-08	5.74	7.7400049	7.27E-02	176826262	176826385	NC_000005.9
cg06727242	2.79E-07	3.54E-08	5.74	7.7394218	9.90E-02	68610489	68610612	NC_000014.8
cg24609094	2.79E-07	3.54E-08	5.74	7.7392229	7.09E-02	25319768	25319891	NC_000013.10
cg13583664	2.79E-07	3.54E-08	5.74	7.7377522	8.97E-02	132016282	132016405	NC_000009.11
cg20453042	2.79E-07	3.55E-08	5.74	7.73729	1.06E-01	132830737	132830860	NC_000010.10
cg23615676	2.79E-07	3.55E-08	5.74	7.7370592	1.84E-01	113697632	113697755	NC_000005.9
cg08971667	2.79E-07	3.55E-08	5.74	7.7365977	1.37E-01	27201728	27201851	NC_000007.13
cg02572606	2.80E-07	3.55E-08	5.74	7.7347291	1.14E-01	20753499	20753622	NC_000016.9
cg03714573	2.80E-07	3.56E-08	5.74	7.7340161	1.59E-01	91172770	91172893	NC_000001.10
cg07594613	2.80E-07	3.56E-08	5.74	7.7333928	1.01E-01	26609417	26609540	NC_000004.11
cg16722118	2.80E-07	3.56E-08	5.74	7.7332313	4.08E-02	143599982	143600105	NC_000007.13
cg06346388	2.80E-07	3.56E-08	5.74	7.7322533	1.11E-01	13539513	13539636	NC_000004.11
cg21649089	2.81E-07	3.57E-08	5.74	7.7316283	1.28E-01	14198392	14198515	NC_000017.10
cg14346873	2.81E-07	3.57E-08	5.74	7.7314294	1.43E-01	25901177	25901300	NC_000008.10
cg01443852	2.81E-07	3.57E-08	5.74	7.729458	5.58E-02	52938023	52938146	NC_000012.11

cg04880091	2.82E-07	3.58E-08	5.74	7.728291	1.13E-01	43132451	43132574	NC_000008.10
cg21636683	2.82E-07	3.58E-08	5.74	7.727433	6.89E-02	140683699	140683822	NC_000005.9
cg15277658	2.82E-07	3.58E-08	5.74	7.7270512	4.10E-02	73421701	73421824	NC_000010.10
cg16895719	2.82E-07	3.58E-08	5.74	7.7269618	1.03E-01	25899257	25899380	NC_000008.10
cg25622366	2.82E-07	3.58E-08	5.74	7.7269518	1.62E-01	63281139	63281262	NC_000002.11
cg00575665	2.82E-07	3.58E-08	5.74	7.7266537	9.81E-02	39315211	39315334	NC_000020.10
cg00363813	2.82E-07	3.59E-08	5.74	7.725694	1.13E-01	6664872	6664995	NC_000012.11
cg04547809	2.82E-07	3.59E-08	5.74	7.7255788	3.88E-02	51304161	51304284	NC_000019.9
cg02012300	2.82E-07	3.59E-08	5.74	7.7253493	1.03E-01	141263852	141263975	NC_000004.11
cg02900034	2.83E-07	3.59E-08	5.74	7.7240579	6.42E-02	145535640	145535763	NC_000008.10
cg26168643	2.83E-07	3.59E-08	5.74	7.7240543	1.26E-01	88328009	88328132	NC_000013.10
cg09852187	2.83E-07	3.59E-08	5.74	7.7238908	6.46E-02	89155039	89155162	NC_000015.9
cg07627059	2.83E-07	3.60E-08	5.74	7.7230333	4.95E-02	20309824	20309947	NC_000007.13
cg16576935	2.83E-07	3.60E-08	5.74	7.7224191	5.27E-02	89570545	89570668	NC_000001.10
cg26932441	2.83E-07	3.60E-08	5.74	7.7219596	1.94E-01	2754240	2754363	NC_000005.9
cg14599362	2.83E-07	3.60E-08	5.74	7.7216663	4.06E-02	139133513	139133636	NC_000009.11
cg06960881	2.83E-07	3.60E-08	5.74	7.721388	8.83E-02	15168483	15168606	NC_000017.10
cg06626113	2.84E-07	3.61E-08	5.74	7.7202571	2.80E-02	26027696	26027819	NC_000004.11
cg02403395	2.84E-07	3.61E-08	5.74	7.7201951	1.83E-01	192445500	192445623	NC_000003.11
cg10641615	2.84E-07	3.61E-08	5.74	7.7199878	1.91E-01	54359797	54359920	NC_000012.11
cg25535418	2.84E-07	3.61E-08	5.74	7.7191353	1.17E-01	144386474	144386597	NC_000006.11
cg04471325	2.84E-07	3.61E-08	5.74	7.7186527	1.13E-01	141261335	141261458	NC_000005.9
cg09429700	2.85E-07	3.62E-08	5.74	7.717167	3.09E-02	57131870	57131993	NC_000003.11
cg25061304	2.85E-07	3.62E-08	5.74	7.7169982	6.16E-02	99700232	99700355	NC_000014.8
cg05099185	2.85E-07	3.62E-08	5.74	7.7167292	1.35E-01	68723805	68723928	NC_000015.9

cg02044621	2.85E-07	3.62E-08	5.74	7.7165068	4.02E-02	62452831	62452954	NC_000011.9
cg00810208	2.85E-07	3.62E-08	5.74	7.7159085	1.75E-01	997012	997135	NC_000004.11
cg02389877	2.85E-07	3.63E-08	5.74	7.715186	9.92E-02	68583600	68583723	NC_000015.9
cg06079106	2.85E-07	3.63E-08	5.74	7.7151659	1.27E-01	73519364	73519487	NC_000002.11
cg08647652	2.85E-07	3.63E-08	5.74	7.714554	8.54E-02	18538582	18538705	NC_000017.10
cg06759058	2.85E-07	3.63E-08	5.74	7.7140368	1.34E-01	28602864	28602987	NC_000006.11
cg03790378	2.85E-07	3.63E-08	5.74	7.7138283	9.93E-02	47278831	47278954	NC_000011.9
cg16358738	2.86E-07	3.64E-08	5.74	7.7128133	5.26E-02	241808595	241808718	NC_000002.11
cg08154348	2.86E-07	3.64E-08	5.74	7.7120995	1.60E-01	84562930	84563053	NC_000006.11
cg07958575	2.86E-07	3.64E-08	5.74	7.7118228	9.89E-02	140206867	140206990	NC_000007.13
cg23599771	2.86E-07	3.64E-08	5.74	7.7117051	1.13E-01	190444825	190444948	NC_000001.10
cg08976025	2.86E-07	3.64E-08	5.74	7.7115558	6.43E-02	7463188	7463311	NC_000012.11
cg18851100	2.86E-07	3.64E-08	5.74	7.7114776	1.30E-01	51158550	51158673	NC_000022.10
cg21777188	2.86E-07	3.64E-08	5.74	7.7110106	1.40E-01	140536238	140536361	NC_000005.9
cg07214164	2.86E-07	3.64E-08	5.74	7.7105372	8.84E-02	105480254	105480377	NC_000002.11
cg14689150	2.86E-07	3.64E-08	5.74	7.7103788	5.48E-02	141362619	141362742	NC_000008.10
cg17298666	2.87E-07	3.65E-08	5.74	7.709039	1.47E-01	57364491	57364614	NC_000018.9
cg19355186	2.87E-07	3.65E-08	5.74	7.707708	1.49E-01	12306303	12306426	NC_000019.9
cg17722675	2.87E-07	3.66E-08	5.74	7.707506	1.35E-01	133563382	133563505	NC_000006.11
cg21531040	2.87E-07	3.66E-08	5.74	7.7074306	5.98E-02	106743603	106743726	NC_000014.8
cg05457563	2.87E-07	3.66E-08	5.74	7.7069693	1.01E-01	1467029	1467152	NC_000019.9
cg06785014	2.87E-07	3.66E-08	5.74	7.7068424	8.19E-02	244080869	244080992	NC_000001.10
cg10332367	2.87E-07	3.66E-08	5.74	7.7067441	2.63E-02	2075476	2075599	NC_000016.9
cg15355015	2.87E-07	3.66E-08	5.74	7.7066552	6.93E-02	101943990	101944113	NC_000007.13
cg02841155	2.87E-07	3.66E-08	5.74	7.7064446	1.19E-01	128301328	128301451	NC_000005.9



cg04284956	2.87E-07	3.66E-08	5.74	7.7064087	4.67E-02	1895190	1895313	NC_000004.11
cg04478179	2.87E-07	3.66E-08	5.74	7.7060985	2.00E-01	154680909	154681032	NC_000004.11
cg23092040	2.88E-07	3.66E-08	5.73	7.7056385	9.30E-02	65068504	65068627	NC_000014.8
cg13443976	2.88E-07	3.66E-08	5.73	7.7051217	7.80E-02	87022201	87022324	NC_000001.10
cg25289028	2.88E-07	3.66E-08	5.73	7.7049597	1.02E-01	36428519	36428642	NC_000019.9
cg17385936	2.88E-07	3.67E-08	5.73	7.7037077	1.83E-01	132756986	132757109	NC_000003.11
cg09564741	2.88E-07	3.67E-08	5.73	7.702533	4.85E-02	49164931	49165054	NC_000019.9
cg16961492	2.89E-07	3.67E-08	5.73	7.7023177	5.59E-02	46101741	46101864	NC_000006.11
cg22510814	2.89E-07	3.67E-08	5.73	7.7022873	3.55E-02	68773285	68773408	NC_000011.9
cg11324832	2.89E-07	3.68E-08	5.73	7.7016697	1.39E-01	181441806	181441929	NC_000003.11
cg09183753	2.89E-07	3.68E-08	5.73	7.7014551	1.94E-01	55204342	55204465	NC_000020.10
cg15299832	2.89E-07	3.68E-08	5.73	7.701046	1.55E-01	34398131	34398254	NC_000021.8
cg21502466	2.89E-07	3.68E-08	5.73	7.7009729	1.72E-01	131438626	131438749	NC_000012.11
cg19712198	2.89E-07	3.68E-08	5.73	7.6998691	1.91E-01	113229374	113229497	NC_000012.11
cg26870744	2.89E-07	3.69E-08	5.73	7.6989238	1.32E-01	59189649	59189772	NC_000005.9
cg23951305	2.90E-07	3.69E-08	5.73	7.6976601	9.69E-02	170581890	170582013	NC_000006.11
cg09786701	2.90E-07	3.69E-08	5.73	7.6973374	1.68E-01	2539517	2539640	NC_000020.10
cg12539711	2.90E-07	3.69E-08	5.73	7.6970675	8.58E-02	84748613	84748736	NC_000015.9
cg14713139	2.90E-07	3.70E-08	5.73	7.6963923	1.19E-01	53811826	53811949	NC_000019.9
cg05384906	2.90E-07	3.70E-08	5.73	7.69625	6.64E-02	77381864	77381987	NC_000018.9
cg02449727	2.90E-07	3.70E-08	5.73	7.6961658	7.76E-02	58286735	58286858	NC_000006.11
cg05025332	2.90E-07	3.70E-08	5.73	7.6961163	9.22E-02	65165160	65165283	NC_000002.11
cg25664338	2.90E-07	3.70E-08	5.73	7.6960304	1.23E-01	128721244	128721367	NC_000003.11
cg05874732	2.90E-07	3.70E-08	5.73	7.6953805	1.67E-01	2539552	2539675	NC_000020.10
cg04694022	2.91E-07	3.70E-08	5.73	7.6948917	1.21E-01	30582352	30582475	NC_000006.11

cg20212775	2.91E-07	3.71E-08	5.73	7.6938798	6.23E-02	1164681	1164804	NC_000004.11
cg27347104	2.91E-07	3.71E-08	5.73	7.6937438	4.88E-02	6233657	6233780	NC_000012.11
cg13620317	2.91E-07	3.71E-08	5.73	7.6921774	8.99E-02	37894346	37894469	NC_000019.9
cg22353828	2.91E-07	3.71E-08	5.73	7.6920481	9.29E-02	3187704	3187827	NC_000011.9
cg25436886	2.91E-07	3.71E-08	5.73	7.6916792	7.80E-02	127056972	127057095	NC_000003.11
cg07785737	2.92E-07	3.72E-08	5.73	7.6913904	7.20E-02	71176850	71176973	NC_000010.10
cg16693201	2.92E-07	3.72E-08	5.73	7.6913883	3.86E-02	10545696	10545819	NC_000019.9
cg18067236	2.92E-07	3.72E-08	5.73	7.6909349	6.10E-02	538582	538705	NC_000005.9
cg24408776	2.92E-07	3.72E-08	5.73	7.6905507	1.26E-01	203098067	203098190	NC_000001.10
cg11969213	2.92E-07	3.72E-08	5.73	7.6905499	1.07E-01	43324322	43324445	NC_000017.10
cg05321361	2.92E-07	3.72E-08	5.73	7.690432	1.19E-01	2750263	2750386	NC_000005.9
cg26138202	2.92E-07	3.73E-08	5.73	7.6890327	3.88E-02	12628677	12628800	NC_000007.13
cg20503288	2.92E-07	3.73E-08	5.73	7.6881094	9.24E-02	127329180	127329303	NC_000007.13
cg27308218	2.92E-07	3.73E-08	5.73	7.6880686	5.81E-02	173893111	173893234	NC_000002.11
cg18629151	2.93E-07	3.73E-08	5.73	7.6875194	1.25E-01	13539581	13539704	NC_000004.11
cg08378017	2.93E-07	3.73E-08	5.73	7.686529	1.70E-01	105760444	105760567	NC_000002.11
cg12754571	2.93E-07	3.74E-08	5.73	7.6859107	1.26E-01	247694271	247694394	NC_000001.10
cg00145419	2.93E-07	3.74E-08	5.73	7.6845774	5.42E-02	110966036	110966159	NC_000013.10
cg16803837	2.94E-07	3.74E-08	5.73	7.6843082	8.78E-02	18448597	18448720	NC_000007.13
cg09998133	2.94E-07	3.75E-08	5.73	7.6837255	2.04E-01	142494595	142494718	NC_000007.13
cg19670923	2.94E-07	3.75E-08	5.73	7.6836378	1.62E-01	43972806	43972929	NC_000017.10
cg10845391	2.94E-07	3.75E-08	5.73	7.6834166	8.11E-02	175799756	175799879	NC_000005.9
cg08676438	2.94E-07	3.75E-08	5.73	7.6833196	9.84E-02	1763695	1763818	NC_000019.9
cg06362358	2.94E-07	3.75E-08	5.73	7.6814365	8.67E-02	248855545	248855668	NC_000001.10
cg26195829	2.94E-07	3.75E-08	5.73	7.6813039	1.28E-01	61122155	61122278	NC_000014.8

cg09192377	2.95E-07	3.76E-08	5.73	7.6804548	1.66E-01	94834219	94834342	NC_000010.10
cg06468106	2.95E-07	3.76E-08	5.73	7.6804492	4.80E-02	14419078	14419201	NC_000016.9
cg18913890	2.95E-07	3.76E-08	5.73	7.6796589	1.61E-01	79738619	79738742	NC_000002.11
cg18685594	2.95E-07	3.76E-08	5.73	7.6787859	1.45E-01	134211217	134211340	NC_000006.11
cg21176048	2.95E-07	3.77E-08	5.73	7.6783632	1.28E-01	179755235	179755358	NC_000003.11
cg23923689	2.95E-07	3.77E-08	5.73	7.6773681	8.58E-02	178500634	178500757	NC_000001.10
cg07519471	2.96E-07	3.77E-08	5.73	7.6766175	8.51E-02	46526100	46526223	NC_000019.9
cg14240060	2.96E-07	3.77E-08	5.73	7.6760909	1.45E-01	130830949	130831072	NC_000010.10
cg08607018	2.96E-07	3.78E-08	5.73	7.6759663	1.24E-01	31842873	31842996	NC_000019.9
cg10607454	2.96E-07	3.78E-08	5.73	7.6742562	6.81E-02	1315725	1315848	NC_000007.13
cg05374654	2.97E-07	3.79E-08	5.73	7.6734596	1.18E-01	94134666	94134789	NC_000011.9
cg23900203	2.97E-07	3.79E-08	5.73	7.6732693	1.34E-01	127765331	127765454	NC_000012.11
cg24988625	2.97E-07	3.79E-08	5.73	7.6724783	1.64E-01	83680066	83680189	NC_000005.9
cg26542166	2.97E-07	3.79E-08	5.73	7.6723847	3.57E-02	3618422	3618545	NC_000006.11
cg27455613	2.97E-07	3.79E-08	5.73	7.6720131	3.47E-02	80820699	80820822	NC_000017.10
cg02529919	2.97E-07	3.79E-08	5.73	7.6718621	5.34E-02	2906070	2906193	NC_000016.9
cg19883066	2.97E-07	3.79E-08	5.73	7.6713807	1.11E-01	118896248	118896371	NC_000008.10
cg19597170	2.97E-07	3.79E-08	5.73	7.6712355	8.67E-02	130618547	130618670	NC_000012.11
cg22863523	2.97E-07	3.80E-08	5.73	7.6707937	1.62E-01	14995201	14995324	NC_000011.9
cg06079062	2.97E-07	3.80E-08	5.73	7.6707389	1.00E-01	108672412	108672535	NC_000003.11
cg16052570	2.98E-07	3.80E-08	5.73	7.67005	5.59E-02	184212499	184212622	NC_000003.11
cg02245004	2.98E-07	3.80E-08	5.73	7.6699533	1.23E-01	76634887	76635010	NC_000015.9
cg04237663	2.98E-07	3.80E-08	5.73	7.6698351	1.86E-01	110987019	110987142	NC_000008.10
cg05039548	2.98E-07	3.80E-08	5.73	7.6697315	1.37E-01	91190366	91190489	NC_000001.10
cg16214053	2.98E-07	3.80E-08	5.73	7.669321	8.23E-02	10462849	10462972	NC_000004.11

cg14226747	2.98E-07	3.80E-08	5.73	7.6689296	1.01E-01	657927	658050	NC_000004.11
cg24371075	2.98E-07	3.81E-08	5.73	7.6680526	2.25E-01	8533391	8533514	NC_000017.10
cg07788469	2.98E-07	3.81E-08	5.73	7.6668878	3.54E-02	134119433	134119556	NC_000010.10
cg02124746	2.99E-07	3.82E-08	5.73	7.6645298	1.95E-02	91615137	91615260	NC_000009.11
cg02964724	3.00E-07	3.83E-08	5.73	7.6627698	1.15E-01	2292361	2292484	NC_000011.9
cg24019564	3.00E-07	3.83E-08	5.73	7.6622175	9.74E-02	25257566	25257689	NC_000001.10
cg05381900	3.00E-07	3.83E-08	5.73	7.6618338	5.74E-02	35863071	35863194	NC_000006.11
cg08690094	3.00E-07	3.83E-08	5.73	7.6617244	8.80E-02	34740934	34741057	NC_000016.9
cg20430047	3.00E-07	3.83E-08	5.73	7.6616345	1.06E-01	20257861	20257984	NC_000020.10
cg05147143	3.00E-07	3.83E-08	5.73	7.6610219	1.33E-01	156217095	156217218	NC_000006.11
cg16966315	3.00E-07	3.83E-08	5.73	7.6608663	1.49E-01	149112318	149112441	NC_000007.13
cg02005847	3.00E-07	3.84E-08	5.73	7.6601852	4.98E-02	1487605	1487728	NC_000019.9
cg25772559	3.00E-07	3.84E-08	5.73	7.659944	1.45E-01	43913719	43913842	NC_000018.9
cg12717594	3.00E-07	3.84E-08	5.73	7.6598866	1.84E-01	36037454	36037577	NC_000009.11
cg26005485	3.01E-07	3.84E-08	5.73	7.6592911	9.63E-02	139508496	139508619	NC_000008.10
cg16263180	3.01E-07	3.84E-08	5.73	7.6585611	1.11E-01	140710509	140710632	NC_000005.9
cg10363885	3.01E-07	3.85E-08	5.73	7.6577017	8.58E-02	61110706	61110829	NC_000014.8
cg09169953	3.01E-07	3.85E-08	5.73	7.6574499	1.23E-01	111555102	111555225	NC_000004.11
cg08071609	3.01E-07	3.85E-08	5.73	7.6573863	1.43E-01	117086040	117086163	NC_000006.11
cg21934015	3.02E-07	3.86E-08	5.72	7.6556212	5.82E-02	4834179	4834302	NC_000017.10
cg08980697	3.02E-07	3.86E-08	5.72	7.6552066	5.81E-02	82362415	82362538	NC_000004.11
cg04091914	3.02E-07	3.86E-08	5.72	7.6549326	8.94E-02	228551538	228551661	NC_000002.11
cg18972885	3.02E-07	3.86E-08	5.72	7.6543734	1.45E-01	119292549	119292672	NC_000010.10
cg05675372	3.02E-07	3.86E-08	5.72	7.6539678	2.03E-02	66639539	66639662	NC_000011.9
cg11211951	3.02E-07	3.86E-08	5.72	7.653758	1.07E-01	145729740	145729863	NC_000008.10

cg26741373	3.02E-07	3.86E-08	5.72	7.653752	8.29E-02	44585506	44585629	NC_000021.8
cg25050859	3.02E-07	3.86E-08	5.72	7.6532345	6.75E-02	24907497	24907620	NC_000014.8
cg25848827	3.02E-07	3.86E-08	5.72	7.6532085	3.02E-02	7550111	7550234	NC_000001.10
cg21883291	3.02E-07	3.87E-08	5.72	7.6530005	4.98E-02	179132790	179132913	NC_000005.9
cg15672022	3.02E-07	3.87E-08	5.72	7.6528306	7.08E-02	141805772	141805895	NC_000005.9
cg25631352	3.03E-07	3.87E-08	5.72	7.6522499	1.03E-01	70995527	70995650	NC_000002.11
cg19371681	3.03E-07	3.87E-08	5.72	7.6521944	2.13E-02	50266990	50267113	NC_000019.9
cg12164248	3.03E-07	3.87E-08	5.72	7.6515335	1.30E-01	114445955	114446078	NC_000008.10
cg09654247	3.03E-07	3.87E-08	5.72	7.6515213	1.56E-01	200524002	200524125	NC_000002.11
cg06459443	3.03E-07	3.87E-08	5.72	7.6507103	1.75E-01	32907388	32907511	NC_000017.10
cg09173768	3.03E-07	3.88E-08	5.72	7.6495385	1.41E-01	176989349	176989472	NC_000002.11
cg04140862	3.04E-07	3.88E-08	5.72	7.6491313	1.72E-01	70654639	70654762	NC_000014.8
cg00593536	3.04E-07	3.88E-08	5.72	7.6490864	1.79E-01	139538222	139538345	NC_000002.11
cg18543270	3.04E-07	3.88E-08	5.72	7.6489352	2.45E-01	5543271	5543394	NC_000018.9
cg06065657	3.04E-07	3.88E-08	5.72	7.6487093	1.79E-01	4279628	4279751	NC_000019.9
cg05624214	3.04E-07	3.88E-08	5.72	7.6485872	1.14E-01	17783261	17783384	NC_000004.11
cg23742669	3.04E-07	3.88E-08	5.72	7.6481307	6.72E-02	13642414	13642537	NC_000018.9
cg01561869	3.04E-07	3.89E-08	5.72	7.6476305	1.11E-01	140725147	140725270	NC_000005.9
cg15868105	3.04E-07	3.89E-08	5.72	7.6471571	1.69E-01	30116953	30117076	NC_000022.10
cg17604223	3.04E-07	3.89E-08	5.72	7.6466321	1.33E-01	109093158	109093281	NC_000004.11
cg18087477	3.04E-07	3.89E-08	5.72	7.6463488	1.03E-01	115397597	115397720	NC_000001.10
cg24527591	3.04E-07	3.89E-08	5.72	7.6456104	7.99E-02	170547562	170547685	NC_000003.11
cg24296626	3.05E-07	3.90E-08	5.72	7.6452787	1.40E-01	25746012	25746135	NC_000013.10
cg03573068	3.05E-07	3.90E-08	5.72	7.6448236	1.68E-01	20620287	20620410	NC_000011.9
cg17883223	3.05E-07	3.90E-08	5.72	7.6447633	6.91E-02	56854974	56855097	NC_000007.13

cg05986505	3.05E-07	3.90E-08	5.72	7.6447147	1.15E-01	99955563	99955686	NC_000008.10
cg07313835	3.05E-07	3.90E-08	5.72	7.6441654	8.37E-02	167342724	167342847	NC_000001.10
cg18550846	3.05E-07	3.90E-08	5.72	7.6441395	1.03E-01	48767148	48767271	NC_000020.10
cg22154024	3.05E-07	3.90E-08	5.72	7.6437608	1.45E-01	103351180	103351303	NC_000012.11
cg11761728	3.05E-07	3.90E-08	5.72	7.6435053	9.28E-02	111536679	111536802	NC_000004.11
cg20148334	3.05E-07	3.91E-08	5.72	7.643065	1.02E-01	209815452	209815575	NC_000001.10
cg03357180	3.05E-07	3.91E-08	5.72	7.6428231	2.19E-01	57976573	57976696	NC_000004.11
cg24778383	3.05E-07	3.91E-08	5.72	7.6426428	1.71E-01	6590895	6591018	NC_000019.9
cg13799941	3.05E-07	3.91E-08	5.72	7.6426201	9.92E-02	96632294	96632417	NC_000007.13
cg15621260	3.05E-07	3.91E-08	5.72	7.6425982	1.52E-01	27015813	27015936	NC_000011.9
cg13899678	3.05E-07	3.91E-08	5.72	7.6423914	1.22E-01	105478933	105479056	NC_000002.11
cg27486281	3.05E-07	3.91E-08	5.72	7.6419904	7.15E-02	130013125	130013248	NC_000010.10
cg07810806	3.06E-07	3.91E-08	5.72	7.6415356	1.13E-01	219827866	219827989	NC_000002.11
cg13805052	3.06E-07	3.91E-08	5.72	7.640875	6.53E-02	2283063	2283186	NC_000001.10
cg18195986	3.06E-07	3.92E-08	5.72	7.6402035	7.66E-02	53848593	53848716	NC_000012.11
cg17787990	3.06E-07	3.92E-08	5.72	7.6399664	6.51E-02	65632761	65632884	NC_000017.10
cg17212127	3.06E-07	3.92E-08	5.72	7.6393199	9.93E-02	8383356	8383479	NC_000007.13
cg07646362	3.06E-07	3.92E-08	5.72	7.6386901	8.67E-02	34208469	34208592	NC_000016.9
cg05620865	3.07E-07	3.92E-08	5.72	7.6381909	6.39E-02	77588408	77588531	NC_000005.9
cg23329061	3.07E-07	3.93E-08	5.72	7.6379019	1.32E-01	32914427	32914550	NC_000003.11
cg17841572	3.07E-07	3.93E-08	5.72	7.6378133	9.46E-02	57426368	57426491	NC_000020.10
cg02550257	3.07E-07	3.93E-08	5.72	7.6377093	1.04E-01	222147678	222147801	NC_000002.11
cg08970112	3.07E-07	3.93E-08	5.72	7.6363134	6.86E-02	38907422	38907545	NC_000017.10
cg06906869	3.07E-07	3.93E-08	5.72	7.6358125	1.25E-01	52734154	52734277	NC_000013.10
cg10502571	3.07E-07	3.94E-08	5.72	7.6356241	5.30E-02	6572919	6573042	NC_000005.9

cg21815667	3.07E-07	3.94E-08	5.72	7.6356158	1.27E-01	176993841	176993964	NC_000002.11
cg11803990	3.07E-07	3.94E-08	5.72	7.6355297	4.80E-02	76503582	76503705	NC_000017.10
cg10567810	3.07E-07	3.94E-08	5.72	7.6355061	1.61E-01	11149068	11149191	NC_000018.9
cg21314480	3.08E-07	3.94E-08	5.72	7.6335671	1.55E-01	75427945	75428068	NC_000002.11
cg18430555	3.08E-07	3.95E-08	5.72	7.6327208	1.51E-01	170740937	170741060	NC_000005.9
cg13342558	3.09E-07	3.95E-08	5.72	7.6315612	8.74E-02	114043548	114043671	NC_000010.10
cg04624885	3.09E-07	3.96E-08	5.72	7.6306465	8.64E-02	1465207	1465330	NC_000019.9
cg18733974	3.09E-07	3.96E-08	5.72	7.6304301	1.75E-01	45404330	45404453	NC_000022.10
cg04691634	3.09E-07	3.96E-08	5.72	7.6302351	2.70E-02	69625284	69625407	NC_000011.9
cg01835368	3.09E-07	3.96E-08	5.72	7.629622	6.82E-02	39612363	39612486	NC_000007.13
cg19227710	3.09E-07	3.96E-08	5.72	7.6295569	1.01E-01	151285666	151285789	NC_000003.11
cg20370678	3.09E-07	3.96E-08	5.72	7.6291662	1.00E-01	58216297	58216420	NC_000017.10
cg22011436	3.09E-07	3.96E-08	5.72	7.6289807	1.59E-02	45310837	45310960	NC_000011.9
cg14542367	3.09E-07	3.96E-08	5.72	7.6288193	6.28E-02	12704964	12705087	NC_000009.11
cg13362605	3.10E-07	3.97E-08	5.72	7.6282209	5.79E-02	121250083	121250206	NC_000010.10
cg01984858	3.10E-07	3.97E-08	5.72	7.6281337	1.85E-01	28555079	28555202	NC_000006.11
cg26735846	3.10E-07	3.97E-08	5.72	7.6277408	1.44E-01	124894943	124895066	NC_000010.10
cg14203738	3.10E-07	3.97E-08	5.72	7.6272409	4.10E-02	29300658	29300781	NC_000018.9
cg12463325	3.10E-07	3.97E-08	5.72	7.6271849	1.08E-01	85371196	85371319	NC_000002.11
cg20761204	3.10E-07	3.97E-08	5.72	7.6270681	1.18E-01	106433397	106433520	NC_000007.13
cg15903032	3.11E-07	3.98E-08	5.72	7.6244423	8.79E-02	101297605	101297728	NC_000010.10
cg25286711	3.11E-07	3.98E-08	5.72	7.6242444	5.46E-02	48866340	48866463	NC_000012.11
cg01785706	3.11E-07	3.98E-08	5.72	7.6242341	1.05E-01	118570077	118570200	NC_000012.11
cg18440523	3.11E-07	3.98E-08	5.72	7.6239978	7.95E-02	42690652	42690775	NC_000021.8
cg11925620	3.11E-07	3.98E-08	5.72	7.6239215	8.31E-02	3211410	3211533	NC_000019.9

cg18702689	3.11E-07	3.98E-08	5.72	7.6236433	1.09E-01	110223138	110223261	NC_000004.11
cg19523213	3.11E-07	3.99E-08	5.72	7.6226227	1.72E-01	21927973	21928096	NC_000012.11
cg18758572	3.12E-07	3.99E-08	5.72	7.620922	2.19E-02	31325028	31325151	NC_000015.9
cg11842415	3.12E-07	4.00E-08	5.72	7.620361	1.43E-01	75599667	75599790	NC_000001.10
cg00760490	3.12E-07	4.00E-08	5.72	7.6190741	6.66E-02	60214776	60214899	NC_000017.10
cg02695467	3.13E-07	4.01E-08	5.72	7.6177573	1.81E-01	1446581	1446704	NC_000019.9
cg16667279	3.13E-07	4.01E-08	5.72	7.6173398	1.15E-01	11591998	11592121	NC_000019.9
cg17338430	3.13E-07	4.01E-08	5.72	7.6169032	1.50E-01	170739853	170739976	NC_000005.9
cg21845300	3.13E-07	4.01E-08	5.72	7.6165944	8.12E-02	169605650	169605773	NC_000004.11
cg03690956	3.13E-07	4.01E-08	5.72	7.616381	1.17E-01	118900324	118900447	NC_000010.10
cg07268240	3.13E-07	4.01E-08	5.72	7.6163667	9.38E-02	88371417	88371540	NC_000016.9
cg16064261	3.13E-07	4.02E-08	5.72	7.6154053	3.15E-02	1830749	1830872	NC_000008.10
cg16214582	3.13E-07	4.02E-08	5.72	7.6150987	8.58E-02	3685309	3685432	NC_000004.11
cg02120658	3.14E-07	4.02E-08	5.72	7.6148641	1.13E-01	223160297	223160420	NC_000002.11
cg02867763	3.14E-07	4.02E-08	5.72	7.6147897	1.26E-01	140734721	140734844	NC_000005.9
cg10420532	3.14E-07	4.02E-08	5.72	7.6140058	4.77E-02	33297688	33297811	NC_000016.9
cg27567430	3.14E-07	4.02E-08	5.72	7.6138497	1.22E-01	176047151	176047274	NC_000005.9
cg05140069	3.14E-07	4.02E-08	5.72	7.6137199	1.63E-01	13910667	13910790	NC_000001.10
cg24405911	3.14E-07	4.03E-08	5.72	7.6126497	6.76E-02	31146869	31146992	NC_000004.11
cg00336700	3.14E-07	4.03E-08	5.72	7.6117151	1.17E-01	176943704	176943827	NC_000002.11
cg25773262	3.15E-07	4.03E-08	5.72	7.611634	7.16E-02	156616855	156616978	NC_000001.10
cg10186456	3.15E-07	4.04E-08	5.72	7.6100634	8.17E-02	2892912	2893035	NC_000016.9
cg02742969	3.15E-07	4.04E-08	5.72	7.6096819	6.35E-02	172175604	172175727	NC_000005.9
cg05804948	3.15E-07	4.04E-08	5.72	7.6095196	1.45E-01	30717217	30717340	NC_000019.9
cg00405688	3.16E-07	4.05E-08	5.72	7.6082977	1.64E-01	129534182	129534305	NC_000010.10



cg12165223	3.16E-07	4.05E-08	5.71	7.6073543	1.26E-01	980196	980319	NC_000008.10
cg14598976	3.16E-07	4.05E-08	5.71	7.6071227	1.95E-01	13200685	13200808	NC_000020.10
cg26424888	3.16E-07	4.05E-08	5.71	7.6069264	1.07E-01	74037163	74037286	NC_000011.9
cg13360823	3.16E-07	4.05E-08	5.71	7.6064803	8.93E-02	54496353	54496476	NC_000019.9
cg03601372	3.16E-07	4.06E-08	5.71	7.606209	1.23E-01	37267026	37267149	NC_000019.9
cg08681855	3.16E-07	4.06E-08	5.71	7.6059895	1.01E-01	52957051	52957174	NC_000019.9
cg00447208	3.16E-07	4.06E-08	5.71	7.6059635	1.05E-01	76126301	76126424	NC_000017.10
cg26290926	3.16E-07	4.06E-08	5.71	7.6057589	1.17E-01	89147965	89148088	NC_000015.9
cg09072230	3.16E-07	4.06E-08	5.71	7.6056838	1.21E-01	16918440	16918563	NC_000011.9
cg11038843	3.16E-07	4.06E-08	5.71	7.6056222	1.17E-01	134281391	134281514	NC_000011.9
cg14472390	3.17E-07	4.06E-08	5.71	7.6042409	8.87E-02	140740387	140740510	NC_000005.9
cg25938042	3.17E-07	4.06E-08	5.71	7.6040813	1.50E-01	87637283	87637406	NC_000016.9
cg19324940	3.17E-07	4.07E-08	5.71	7.6023756	1.44E-01	134213992	134214115	NC_000006.11
cg22456251	3.17E-07	4.07E-08	5.71	7.6019851	8.31E-02	89155073	89155196	NC_000015.9
cg11826663	3.18E-07	4.08E-08	5.71	7.6015426	7.34E-02	25068754	25068877	NC_000015.9
cg23598419	3.18E-07	4.08E-08	5.71	7.6012181	1.44E-01	25391042	25391165	NC_000002.11
cg13493620	3.18E-07	4.08E-08	5.71	7.6006531	6.46E-02	129248912	129249035	NC_000009.11
cg26790091	3.18E-07	4.08E-08	5.71	7.6001627	8.97E-02	50702460	50702583	NC_000022.10
cg22333960	3.18E-07	4.08E-08	5.71	7.6000908	1.55E-01	18435619	18435742	NC_000001.10
cg26029736	3.18E-07	4.08E-08	5.71	7.5993728	1.53E-01	105760375	105760498	NC_000002.11
cg10124812	3.18E-07	4.08E-08	5.71	7.5993217	8.55E-02	54087517	54087640	NC_000002.11
cg03631561	3.19E-07	4.09E-08	5.71	7.5984142	1.55E-01	57414626	57414749	NC_000011.9
cg09768178	3.19E-07	4.09E-08	5.71	7.5978776	8.58E-02	22605188	22605311	NC_000019.9
cg14931230	3.19E-07	4.09E-08	5.71	7.5978318	1.56E-01	44324901	44325024	NC_000019.9
cg07665923	3.19E-07	4.10E-08	5.71	7.5967683	5.71E-02	1174784	1174907	NC_000007.13

cg07953201	3.19E-07	4.10E-08	5.71	7.5966626	1.24E-01	245851802	245851925	NC_000001.10
cg01422881	3.19E-07	4.10E-08	5.71	7.5966474	1.08E-01	44873692	44873815	NC_000001.10
cg05410198	3.19E-07	4.10E-08	5.71	7.596544	8.43E-02	186915302	186915425	NC_000003.11
cg18027654	3.19E-07	4.10E-08	5.71	7.5954865	9.28E-02	23894436	23894559	NC_000001.10
cg18383603	3.19E-07	4.10E-08	5.71	7.5953982	1.92E-02	43200626	43200749	NC_000001.10
cg16318036	3.19E-07	4.10E-08	5.71	7.5953791	8.82E-02	32038045	32038168	NC_000006.11
cg06255741	3.19E-07	4.10E-08	5.71	7.5952734	4.34E-02	2186923	2187046	NC_000016.9
cg09034601	3.20E-07	4.10E-08	5.71	7.5947516	1.90E-01	28175888	28176011	NC_000006.11
cg00780456	3.20E-07	4.11E-08	5.71	7.5943214	5.12E-02	92046216	92046339	NC_000008.10
cg26667946	3.20E-07	4.11E-08	5.71	7.5941221	1.93E-01	46425874	46425997	NC_000013.10
cg12238853	3.20E-07	4.11E-08	5.71	7.5932558	7.63E-02	62575098	62575221	NC_000007.13
cg13511576	3.21E-07	4.12E-08	5.71	7.5915756	7.03E-02	31634890	31635013	NC_000006.11
cg05610198	3.21E-07	4.12E-08	5.71	7.5905953	2.95E-02	55808934	55809057	NC_000007.13
cg27346707	3.21E-07	4.12E-08	5.71	7.5904459	1.26E-01	126626348	126626471	NC_000005.9
cg05501509	3.21E-07	4.12E-08	5.71	7.5902437	1.14E-01	75789529	75789652	NC_000017.10
cg21488876	3.21E-07	4.12E-08	5.71	7.5901903	1.02E-01	5250376	5250499	NC_000019.9
cg13185218	3.21E-07	4.13E-08	5.71	7.5893888	2.84E-02	77382822	77382945	NC_000014.8
cg10841124	3.21E-07	4.13E-08	5.71	7.5892856	8.90E-02	433274	433397	NC_000005.9
cg13686615	3.21E-07	4.13E-08	5.71	7.588561	3.17E-01	71503742	71503865	NC_000002.11
cg14739039	3.22E-07	4.13E-08	5.71	7.5883778	2.98E-02	10761757	10761880	NC_000005.9
cg17381377	3.22E-07	4.13E-08	5.71	7.5878044	1.39E-01	17498601	17498724	NC_000011.9
cg24150623	3.22E-07	4.13E-08	5.71	7.587663	1.58E-01	121971092	121971215	NC_000011.9
cg10073698	3.22E-07	4.13E-08	5.71	7.5875487	3.25E-02	71335214	71335337	NC_000015.9
cg00594560	3.22E-07	4.13E-08	5.71	7.5874925	1.28E-01	77593242	77593365	NC_000008.10
cg04154281	3.22E-07	4.14E-08	5.71	7.5871968	5.79E-02	42289838	42289961	NC_000017.10

cg17153775	3.23E-07	4.15E-08	5.71	7.5849643	4.54E-02	3512117	3512240	NC_000001.10
cg27363829	3.23E-07	4.15E-08	5.71	7.5847862	2.04E-01	164914614	164914737	NC_000003.11
cg25097497	3.23E-07	4.15E-08	5.71	7.5841851	1.26E-01	8689975	8690098	NC_000004.11
cg01989504	3.23E-07	4.15E-08	5.71	7.5839398	5.21E-02	1256651	1256774	NC_000011.9
cg26646558	3.23E-07	4.15E-08	5.71	7.5836098	1.13E-01	34441787	34441910	NC_000016.9
cg22664157	3.23E-07	4.15E-08	5.71	7.5834504	1.09E-02	134210811	134210934	NC_000010.10
cg00232827	3.23E-07	4.15E-08	5.71	7.5833744	5.38E-02	172096764	172096887	NC_000005.9
cg01477015	3.23E-07	4.15E-08	5.71	7.58305	2.90E-02	28948319	28948442	NC_000016.9
cg11413039	3.23E-07	4.15E-08	5.71	7.5830439	1.33E-01	125774447	125774570	NC_000011.9
cg14016366	3.23E-07	4.15E-08	5.71	7.5828879	6.75E-02	156277454	156277577	NC_000005.9
cg16533359	3.23E-07	4.16E-08	5.71	7.582368	7.39E-02	11710597	11710720	NC_000006.11
cg05021638	3.24E-07	4.16E-08	5.71	7.5818459	1.88E-01	21647026	21647149	NC_000008.10
cg00388673	3.24E-07	4.16E-08	5.71	7.5803738	1.01E-01	99729460	99729583	NC_000001.10
cg16648841	3.24E-07	4.17E-08	5.71	7.5795703	1.10E-01	57320685	57320808	NC_000001.10
cg09988118	3.24E-07	4.17E-08	5.71	7.5793046	1.42E-01	85472307	85472430	NC_000006.11
cg13200838	3.25E-07	4.18E-08	5.71	7.5773532	1.44E-01	91194708	91194831	NC_000001.10
cg04713789	3.25E-07	4.18E-08	5.71	7.5762987	4.59E-02	63684458	63684581	NC_000004.11
cg16761390	3.25E-07	4.19E-08	5.71	7.5756117	1.66E-01	27290724	27290847	NC_000007.13
cg04690917	3.25E-07	4.19E-08	5.71	7.5755988	4.64E-02	19743268	19743391	NC_000002.11
cg06635722	3.26E-07	4.19E-08	5.71	7.5754772	1.19E-01	13532622	13532745	NC_000004.11
cg13777287	3.26E-07	4.19E-08	5.71	7.574911	1.41E-01	154830168	154830291	NC_000006.11
cg03709938	3.26E-07	4.19E-08	5.71	7.5741039	1.59E-01	2560950	2561073	NC_000001.10
cg27623867	3.26E-07	4.19E-08	5.71	7.5738868	4.05E-02	88347592	88347715	NC_000004.11
cg11855615	3.26E-07	4.19E-08	5.71	7.5736469	1.16E-01	33817136	33817259	NC_000017.10
cg26218977	3.26E-07	4.20E-08	5.71	7.5730262	8.58E-02	18336352	18336475	NC_000019.9

cg11726648	3.27E-07	4.20E-08	5.71	7.571692	1.26E-01	19561035	19561158	NC_000002.11
cg20747000	3.27E-07	4.20E-08	5.71	7.5716697	2.03E-01	500323	500446	NC_000018.9
cg09546907	3.27E-07	4.20E-08	5.71	7.5712252	1.72E-01	136553289	136553412	NC_000007.13
cg01747792	3.27E-07	4.20E-08	5.71	7.5712111	1.31E-01	61806628	61806751	NC_000020.10
cg25304107	3.27E-07	4.21E-08	5.71	7.5707059	1.28E-01	177017331	177017454	NC_000002.11
cg03332109	3.27E-07	4.21E-08	5.71	7.5692616	9.34E-02	126360468	126360591	NC_000011.9
cg01080998	3.27E-07	4.21E-08	5.71	7.5692065	9.62E-02	87981177	87981300	NC_000005.9
cg00647246	3.27E-07	4.21E-08	5.71	7.5690917	1.01E-01	157071437	157071560	NC_000007.13
cg27468506	3.28E-07	4.22E-08	5.71	7.568619	4.48E-02	27048602	27048725	NC_000013.10
cg21354912	3.28E-07	4.22E-08	5.71	7.5684817	5.87E-02	61472145	61472268	NC_000018.9
cg17331566	3.28E-07	4.22E-08	5.71	7.5681659	6.71E-02	44444305	44444428	NC_000001.10
cg19662219	3.28E-07	4.22E-08	5.71	7.5681107	8.66E-02	34260719	34260842	NC_000015.9
cg13702996	3.28E-07	4.22E-08	5.71	7.5674021	1.20E-01	176189	176312	NC_000012.11
cg22862846	3.28E-07	4.22E-08	5.71	7.5671141	5.73E-02	28560543	28560666	NC_000001.10
cg05697976	3.28E-07	4.23E-08	5.71	7.5658571	1.17E-01	29376483	29376606	NC_000012.11
cg27338487	3.28E-07	4.23E-08	5.71	7.5658294	1.23E-01	56887404	56887527	NC_000018.9
cg20801110	3.29E-07	4.23E-08	5.71	7.5651235	9.56E-02	75136007	75136130	NC_000015.9
cg03206741	3.29E-07	4.23E-08	5.71	7.5643931	1.61E-01	105235385	105235508	NC_000008.10
cg07981495	3.29E-07	4.24E-08	5.71	7.563158	5.25E-02	87804765	87804888	NC_000006.11
cg03233940	3.29E-07	4.24E-08	5.71	7.5629494	7.32E-02	37894644	37894767	NC_000019.9
cg08387463	3.29E-07	4.24E-08	5.71	7.5628201	2.92E-02	143694547	143694670	NC_000008.10
cg15747733	3.30E-07	4.25E-08	5.71	7.5617302	9.52E-02	88850398	88850521	NC_000010.10
cg20364512	3.30E-07	4.25E-08	5.71	7.5606098	5.64E-02	28199338	28199461	NC_000022.10
cg12010413	3.30E-07	4.25E-08	5.71	7.5605596	3.08E-02	138851802	138851925	NC_000002.11
cg23634087	3.30E-07	4.25E-08	5.71	7.5603187	1.44E-01	50721797	50721920	NC_000020.10

cg26297344	3.30E-07	4.25E-08	5.71	7.5596368	9.17E-02	111151163	111151286	NC_000001.10
cg03747002	3.31E-07	4.26E-08	5.71	7.5594489	6.80E-02	7907439	7907562	NC_000017.10
cg25884812	3.31E-07	4.26E-08	5.7	7.5578272	4.98E-02	1233185	1233308	NC_000010.10
cg23091984	3.31E-07	4.26E-08	5.7	7.5576959	1.32E-01	31839664	31839787	NC_000019.9
cg10595547	3.31E-07	4.27E-08	5.7	7.556522	1.29E-01	119310911	119311034	NC_000010.10
cg02557652	3.32E-07	4.27E-08	5.7	7.5559302	1.43E-01	89741016	89741139	NC_000015.9
cg23013977	3.32E-07	4.27E-08	5.7	7.555681	6.99E-02	36523056	36523179	NC_000019.9
cg19212224	3.32E-07	4.27E-08	5.7	7.5556158	1.68E-01	97362705	97362828	NC_000007.13
cg03302088	3.32E-07	4.27E-08	5.7	7.555576	1.03E-01	3163717	3163840	NC_000019.9
cg16746576	3.32E-07	4.27E-08	5.7	7.5554775	1.55E-01	99962118	99962241	NC_000008.10
cg01043019	3.32E-07	4.27E-08	5.7	7.5551118	1.90E-01	127440510	127440633	NC_000006.11
cg13157757	3.32E-07	4.28E-08	5.7	7.5547056	1.23E-01	76250351	76250474	NC_000005.9
cg08542715	3.32E-07	4.28E-08	5.7	7.554671	8.35E-02	34217960	34218083	NC_000017.10
cg00338345	3.32E-07	4.28E-08	5.7	7.5544012	7.68E-02	149224717	149224840	NC_000001.10
cg06888626	3.32E-07	4.28E-08	5.7	7.5540092	2.23E-02	47137631	47137754	NC_000001.10
cg12093775	3.32E-07	4.28E-08	5.7	7.5535625	1.26E-01	112548065	112548188	NC_000013.10
cg18595228	3.33E-07	4.29E-08	5.7	7.5523843	2.95E-02	67193261	67193384	NC_000015.9
cg19117520	3.33E-07	4.29E-08	5.7	7.551773	7.23E-02	184323638	184323761	NC_000004.11
cg26667699	3.33E-07	4.29E-08	5.7	7.5505266	1.66E-01	178017667	178017790	NC_000005.9
cg24930536	3.34E-07	4.30E-08	5.7	7.5499014	6.88E-02	79615807	79615930	NC_000017.10
cg04359129	3.34E-07	4.30E-08	5.7	7.5483594	1.24E-01	104178936	104179059	NC_000010.10
cg10756252	3.34E-07	4.30E-08	5.7	7.5483001	2.06E-02	17855970	17856093	NC_000019.9
cg15398400	3.34E-07	4.31E-08	5.7	7.5478468	7.79E-02	118429481	118429604	NC_000010.10
cg03248970	3.35E-07	4.31E-08	5.7	7.546417	1.03E-01	29198393	29198516	NC_000016.9
cg26581714	3.35E-07	4.31E-08	5.7	7.5464163	1.34E-01	52943247	52943370	NC_000004.11

cg26796642	3.35E-07	4.32E-08	5.7	7.5455382	7.02E-02	6204224	6204347	NC_000001.10
cg12093371	3.35E-07	4.32E-08	5.7	7.5449377	1.71E-01	130339316	130339439	NC_000010.10
cg05125843	3.35E-07	4.32E-08	5.7	7.5448595	2.86E-02	133382227	133382350	NC_000012.11
cg15285112	3.35E-07	4.32E-08	5.7	7.5447416	4.52E-02	26215075	26215198	NC_000017.10
cg25102206	3.36E-07	4.33E-08	5.7	7.5426221	8.36E-02	75897342	75897465	NC_000014.8
cg07658357	3.36E-07	4.33E-08	5.7	7.5423037	1.15E-01	114839476	114839599	NC_000012.11
cg02939879	3.36E-07	4.33E-08	5.7	7.5422861	9.12E-02	68762243	68762366	NC_000011.9
cg17507573	3.36E-07	4.33E-08	5.7	7.5417128	1.45E-01	79382998	79383121	NC_000015.9
cg11315153	3.36E-07	4.33E-08	5.7	7.5415042	1.42E-01	62996299	62996422	NC_000006.11
cg03130816	3.37E-07	4.35E-08	5.7	7.5382554	9.89E-02	39456103	39456226	NC_000001.10
cg21852342	3.37E-07	4.35E-08	5.7	7.5377179	9.19E-02	9533948	9534071	NC_000004.11
cg16999584	3.38E-07	4.35E-08	5.7	7.5374766	4.52E-02	169559716	169559839	NC_000006.11
cg10845147	3.38E-07	4.35E-08	5.7	7.5373074	5.78E-02	172149624	172149747	NC_000005.9
cg01749491	3.38E-07	4.35E-08	5.7	7.5371266	1.58E-01	176948693	176948816	NC_000002.11
cg11815570	3.38E-07	4.36E-08	5.7	7.5366329	2.64E-02	178697	178820	NC_000017.10
cg03222323	3.38E-07	4.36E-08	5.7	7.5366295	1.42E-01	59534903	59535026	NC_000017.10
cg03382306	3.38E-07	4.36E-08	5.7	7.5360212	1.15E-01	66097959	66098082	NC_000015.9
cg07640648	3.38E-07	4.36E-08	5.7	7.5346939	1.56E-01	39993697	39993820	NC_000019.9
cg24449777	3.39E-07	4.37E-08	5.7	7.5338282	1.55E-01	99279483	99279606	NC_000006.11
cg20608786	3.39E-07	4.38E-08	5.7	7.531978	2.66E-02	121265838	121265961	NC_000010.10
cg17803868	3.39E-07	4.38E-08	5.7	7.5318689	1.60E-01	155250900	155251023	NC_000007.13
cg25988603	3.40E-07	4.39E-08	5.7	7.5300556	4.35E-02	149784337	149784460	NC_000005.9
cg02388718	3.40E-07	4.39E-08	5.7	7.5292842	1.10E-01	27282580	27282703	NC_000009.11
cg22022442	3.40E-07	4.39E-08	5.7	7.5292286	1.14E-01	31811083	31811206	NC_000012.11
cg20505457	3.40E-07	4.39E-08	5.7	7.528494	8.63E-02	69388953	69389076	NC_000014.8

cg12223336	3.41E-07	4.39E-08	5.7	7.5280882	1.18E-01	12717059	12717182	NC_000011.9
cg10878412	3.41E-07	4.40E-08	5.7	7.527442	1.99E-01	179780314	179780437	NC_000005.9
cg10635188	3.41E-07	4.40E-08	5.7	7.5267493	1.01E-01	97706801	97706924	NC_000012.11
cg23179456	3.41E-07	4.40E-08	5.7	7.5258326	2.41E-01	24803873	24803996	NC_000014.8
cg06291867	3.42E-07	4.41E-08	5.7	7.5252776	1.15E-01	92617162	92617285	NC_000010.10
cg09867953	3.42E-07	4.41E-08	5.7	7.5247681	8.71E-02	23706666	23706789	NC_000016.9
cg06711254	3.42E-07	4.41E-08	5.7	7.5245164	1.29E-01	186924071	186924194	NC_000002.11
cg03400785	3.42E-07	4.41E-08	5.7	7.5242674	1.02E-01	140794962	140795085	NC_000005.9
cg26955275	3.42E-07	4.41E-08	5.7	7.5236335	8.59E-02	129931908	129932031	NC_000007.13
cg07664312	3.43E-07	4.42E-08	5.7	7.5217174	5.03E-02	18433550	18433673	NC_000012.11
cg15400238	3.43E-07	4.42E-08	5.7	7.5215444	1.61E-01	154335640	154335763	NC_000002.11
cg08285489	3.43E-07	4.43E-08	5.7	7.5211339	4.50E-02	7115766	7115889	NC_000019.9
cg01295399	3.43E-07	4.43E-08	5.7	7.5208425	7.53E-02	50820278	50820401	NC_000010.10
cg00605063	3.44E-07	4.44E-08	5.7	7.5190611	1.24E-01	27289128	27289251	NC_000007.13
cg23388086	3.44E-07	4.44E-08	5.7	7.5190357	4.76E-02	9340033	9340156	NC_000011.9
cg10601476	3.45E-07	4.45E-08	5.7	7.5160688	2.38E-02	1437284	1437407	NC_000017.10
cg07854182	3.45E-07	4.45E-08	5.7	7.5160136	5.10E-02	47460364	47460487	NC_000021.8
cg00966930	3.45E-07	4.45E-08	5.7	7.5159738	5.36E-02	248300402	248300525	NC_000001.10
cg03389720	3.45E-07	4.45E-08	5.7	7.5157485	1.00E-01	8780048	8780171	NC_000016.9
cg18840273	3.45E-07	4.45E-08	5.7	7.515356	1.13E-01	5890631	5890754	NC_000004.11
cg06664357	3.45E-07	4.46E-08	5.7	7.5132707	1.02E-01	39993390	39993513	NC_000019.9
cg13033814	3.46E-07	4.46E-08	5.7	7.51264	1.65E-01	31830035	31830158	NC_000006.11
cg08252579	3.46E-07	4.47E-08	5.7	7.5123656	1.51E-01	62359773	62359896	NC_000003.11
cg20778688	3.46E-07	4.47E-08	5.7	7.5117241	5.43E-02	35657046	35657169	NC_000017.10
cg26330928	3.46E-07	4.47E-08	5.7	7.5113328	5.99E-02	98743612	98743735	NC_000001.10

cg21892685	3.46E-07	4.47E-08	5.7	7.5107546	3.04E-02	77168991	77169114	NC_000004.11
cg08874609	3.47E-07	4.48E-08	5.69	7.5084002	1.06E-01	126626360	126626483	NC_000005.9
cg08046044	3.47E-07	4.49E-08	5.69	7.5076297	1.33E-01	54419614	54419737	NC_000014.8
cg15440157	3.47E-07	4.49E-08	5.69	7.507433	4.48E-02	149753446	149753569	NC_000003.11
cg18472549	3.47E-07	4.49E-08	5.69	7.5072052	7.10E-02	107228006	107228129	NC_000008.10
cg10533331	3.48E-07	4.49E-08	5.69	7.5067552	1.13E-01	38857695	38857818	NC_000015.9
cg14421860	3.48E-07	4.49E-08	5.69	7.5064632	2.37E-01	101004934	101005057	NC_000001.10
cg08432971	3.48E-07	4.49E-08	5.69	7.5062056	8.93E-02	178423309	178423432	NC_000005.9
cg16148956	3.48E-07	4.50E-08	5.69	7.5060565	7.14E-02	54140771	54140894	NC_000008.10
cg21187352	3.48E-07	4.50E-08	5.69	7.5058615	1.31E-01	6903327	6903450	NC_000003.11
cg14542583	3.48E-07	4.50E-08	5.69	7.5056372	1.04E-01	38886667	38886790	NC_000019.9
cg17840203	3.48E-07	4.50E-08	5.69	7.5053627	6.26E-02	52623245	52623368	NC_000006.11
cg23654767	3.48E-07	4.50E-08	5.69	7.5042767	4.93E-02	101192981	101193104	NC_000002.11
cg08590257	3.48E-07	4.50E-08	5.69	7.5041174	7.65E-02	159796425	159796548	NC_000006.11
cg24383467	3.49E-07	4.50E-08	5.69	7.5039486	1.10E-01	11893602	11893725	NC_000011.9
cg08882707	3.49E-07	4.51E-08	5.69	7.5032459	2.70E-02	44283283	44283406	NC_000003.11
cg02022380	3.49E-07	4.51E-08	5.69	7.5018965	8.93E-02	101347044	101347167	NC_000014.8
cg03883295	3.49E-07	4.51E-08	5.69	7.5018448	1.22E-01	119603489	119603612	NC_000002.11
cg09105881	3.49E-07	4.52E-08	5.69	7.5014022	1.21E-01	87230060	87230183	NC_000007.13
cg15163862	3.49E-07	4.52E-08	5.69	7.5010055	9.14E-02	76721440	76721563	NC_000010.10
cg11564275	3.50E-07	4.52E-08	5.69	7.5005267	9.15E-02	29158364	29158487	NC_000013.10
cg08868447	3.50E-07	4.53E-08	5.69	7.4989596	3.26E-02	42000667	42000790	NC_000013.10
cg16749235	3.50E-07	4.53E-08	5.69	7.4989234	1.31E-01	25901422	25901545	NC_000008.10
cg17545232	3.50E-07	4.53E-08	5.69	7.4988509	4.01E-02	97584458	97584581	NC_000007.13
cg13297865	3.51E-07	4.53E-08	5.69	7.497621	1.70E-01	80657415	80657538	NC_000006.11



cg15406683	3.51E-07	4.54E-08	5.69	7.4970407	2.06E-01	23983990	23984113	NC_000010.10
cg23916284	3.51E-07	4.54E-08	5.69	7.4964815	8.82E-02	26358537	26358660	NC_000004.11
cg11721803	3.51E-07	4.54E-08	5.69	7.4961436	1.75E-01	48398380	48398503	NC_000012.11
cg18756179	3.51E-07	4.54E-08	5.69	7.495383	2.07E-01	50554510	50554633	NC_000019.9
cg18158691	3.52E-07	4.55E-08	5.69	7.4943488	1.95E-02	57195432	57195555	NC_000004.11
cg13094313	3.52E-07	4.55E-08	5.69	7.4931935	4.72E-02	62278847	62278970	NC_000014.8
cg05500015	3.52E-07	4.56E-08	5.69	7.4926291	1.65E-01	89867819	89867942	NC_000011.9
cg14355134	3.52E-07	4.56E-08	5.69	7.4920434	1.25E-01	61704021	61704144	NC_000020.10
cg12265623	3.53E-07	4.57E-08	5.69	7.4906047	1.17E-01	8481994	8482117	NC_000007.13
cg07139363	3.53E-07	4.57E-08	5.69	7.4901974	1.30E-01	157381401	157381524	NC_000006.11
cg00151191	3.53E-07	4.57E-08	5.69	7.4891325	5.24E-02	71268532	71268655	NC_000002.11
cg13687996	3.54E-07	4.58E-08	5.69	7.4888348	1.34E-01	5813483	5813606	NC_000002.11
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cg20768515	3.54E-07	4.58E-08	5.69	7.488498	6.81E-02	9471290	9471413	NC_000018.9
cg26649752	3.54E-07	4.58E-08	5.69	7.4881958	1.62E-01	119418110	119418233	NC_000012.11
cg25723217	3.54E-07	4.58E-08	5.69	7.4875292	7.74E-02	69949751	69949874	NC_000011.9
cg09241022	3.54E-07	4.58E-08	5.69	7.4872611	1.51E-01	29254530	29254653	NC_000014.8
cg15598650	3.54E-07	4.58E-08	5.69	7.486951	1.06E-01	123260333	123260456	NC_000010.10
cg17430268	3.54E-07	4.58E-08	5.69	7.4868532	6.60E-02	73501021	73501144	NC_000017.10
cg04820634	3.54E-07	4.59E-08	5.69	7.4867531	1.47E-01	124909415	124909538	NC_000010.10
cg12608723	3.54E-07	4.59E-08	5.69	7.4865439	4.96E-02	176208949	176209072	NC_000005.9
cg24670241	3.54E-07	4.59E-08	5.69	7.4863578	1.15E-01	27282776	27282899	NC_000009.11
cg05190315	3.54E-07	4.59E-08	5.69	7.486144	1.36E-01	170736132	170736255	NC_000005.9
cg08670530	3.54E-07	4.59E-08	5.69	7.486138	2.73E-02	7042894	7043017	NC_000004.11
cg09670535	3.55E-07	4.59E-08	5.69	7.4853408	1.11E-01	18959427	18959550	NC_000001.10

cg21080452	3.55E-07	4.59E-08	5.69	7.4852538	5.82E-02	29589960	29590083	NC_000006.11
cg19824396	3.55E-07	4.59E-08	5.69	7.4852217	7.95E-02	203018871	203018994	NC_000001.10
cg05717794	3.55E-07	4.60E-08	5.69	7.4843316	9.69E-02	33822621	33822744	NC_000017.10
cg00903242	3.55E-07	4.60E-08	5.69	7.4837112	1.81E-01	238161	238284	NC_000003.11
cg15641162	3.56E-07	4.61E-08	5.69	7.4824161	1.22E-01	185942800	185942923	NC_000004.11
cg19983403	3.56E-07	4.61E-08	5.69	7.4806737	7.10E-02	14683608	14683731	NC_000017.10
cg16117799	3.57E-07	4.62E-08	5.69	7.4791985	1.23E-01	81106857	81106980	NC_000004.11
cg06370357	3.57E-07	4.62E-08	5.69	7.4785641	1.13E-01	60292147	60292270	NC_000015.9
cg09686298	3.57E-07	4.63E-08	5.69	7.4774671	1.25E-01	75255590	75255713	NC_000016.9
cg08949655	3.57E-07	4.63E-08	5.69	7.477045	1.72E-01	176940301	176940424	NC_000002.11
cg14969361	3.58E-07	4.63E-08	5.69	7.4765302	2.76E-02	55464084	55464207	NC_000001.10
cg00862894	3.58E-07	4.63E-08	5.69	7.4764255	1.39E-01	982653	982776	NC_000020.10
cg08988179	3.58E-07	4.64E-08	5.69	7.4760865	1.11E-01	43044765	43044888	NC_000017.10
cg23674788	3.58E-07	4.64E-08	5.69	7.4760248	4.28E-02	39623313	39623436	NC_000017.10
cg23520478	3.58E-07	4.64E-08	5.69	7.4755981	5.18E-02	148721192	148721315	NC_000005.9
cg23661013	3.59E-07	4.65E-08	5.69	7.4739623	1.14E-01	121415506	121415629	NC_000012.11
cg00977377	3.59E-07	4.65E-08	5.69	7.4721922	3.30E-02	108146329	108146452	NC_000006.11
cg04505439	3.59E-07	4.65E-08	5.69	7.4721112	4.07E-02	27498232	27498355	NC_000002.11
cg01730258	3.59E-07	4.65E-08	5.69	7.4720564	1.01E-01	65617742	65617865	NC_000011.9
cg11984566	3.59E-07	4.66E-08	5.69	7.4718373	3.38E-02	74247286	74247409	NC_000002.11
cg00735962	3.59E-07	4.66E-08	5.69	7.4717771	1.90E-01	23847240	23847363	NC_000016.9
cg11913496	3.60E-07	4.66E-08	5.69	7.4701636	1.39E-01	43914226	43914349	NC_000018.9
cg15528028	3.60E-07	4.67E-08	5.69	7.4696227	1.33E-01	33828944	33829067	NC_000001.10
cg26699292	3.60E-07	4.67E-08	5.69	7.469557	1.42E-01	78079801	78079924	NC_000016.9
cg04254347	3.60E-07	4.67E-08	5.69	7.4691776	1.06E-02	2644878	2645001	NC_000020.10

cg22423750	3.60E-07	4.67E-08	5.69	7.469046	8.88E-02	2334419	2334542	NC_000005.9
cg03738718	3.60E-07	4.67E-08	5.69	7.4688177	4.12E-02	86404572	86404695	NC_000016.9
cg18713166	3.60E-07	4.67E-08	5.69	7.4687998	4.70E-02	17106839	17106962	NC_000017.10
cg08770761	3.61E-07	4.68E-08	5.69	7.4678469	1.05E-01	2563461	2563584	NC_000016.9
cg24663798	3.61E-07	4.68E-08	5.69	7.4678012	7.11E-02	76639743	76639866	NC_000018.9
cg01104277	3.61E-07	4.68E-08	5.69	7.4668208	4.82E-02	207977596	207977719	NC_000001.10
cg03925294	3.61E-07	4.68E-08	5.69	7.4668014	1.01E-01	6247629	6247752	NC_000004.11
cg25190654	3.61E-07	4.68E-08	5.69	7.4667151	3.89E-02	13130178	13130301	NC_000012.11
cg22864077	3.61E-07	4.68E-08	5.69	7.4666677	1.17E-01	131185333	131185456	NC_000002.11
cg10934546	3.61E-07	4.68E-08	5.69	7.4665039	3.17E-02	52885360	52885483	NC_000012.11
cg16377881	3.61E-07	4.69E-08	5.69	7.4656429	1.97E-01	100062488	100062611	NC_000006.11
cg09843874	3.61E-07	4.69E-08	5.69	7.4655824	1.40E-01	51162513	51162636	NC_000019.9
cg05647859	3.61E-07	4.69E-08	5.69	7.465404	1.62E-01	81331718	81331841	NC_000012.11
cg00434395	3.61E-07	4.69E-08	5.69	7.4653484	5.38E-02	59518964	59519087	NC_000011.9
cg23480730	3.62E-07	4.69E-08	5.69	7.4650188	1.41E-01	33402027	33402150	NC_000014.8
cg15288618	3.62E-07	4.69E-08	5.69	7.4649599	1.22E-01	139257775	139257898	NC_000003.11
cg06622953	3.62E-07	4.69E-08	5.69	7.4645241	9.28E-02	54357752	54357875	NC_000012.11
cg21811204	3.62E-07	4.70E-08	5.69	7.4635145	1.25E-01	132158625	132158748	NC_000005.9
cg03672274	3.62E-07	4.70E-08	5.69	7.4631183	1.28E-01	4860468	4860591	NC_000004.11
cg19858718	3.62E-07	4.70E-08	5.69	7.4629502	1.03E-02	123717421	123717544	NC_000012.11
cg23846400	3.62E-07	4.70E-08	5.69	7.462423	1.19E-01	33687040	33687163	NC_000021.8
cg12120741	3.63E-07	4.70E-08	5.69	7.4622825	8.06E-02	78492306	78492429	NC_000013.10
cg11354349	3.63E-07	4.70E-08	5.69	7.462061	1.46E-01	53108165	53108288	NC_000012.11
cg06964190	3.63E-07	4.70E-08	5.69	7.4620038	1.01E-01	61275247	61275370	NC_000011.9
cg14757331	3.63E-07	4.71E-08	5.69	7.4615716	1.75E-02	74211372	74211495	NC_000007.13

cg06700935	3.63E-07	4.71E-08	5.69	7.4613388	2.00E-01	1704584	1704707	NC_000007.13
cg05967487	3.63E-07	4.71E-08	5.69	7.460888	1.10E-01	65353416	65353539	NC_000011.9
cg00250422	3.63E-07	4.71E-08	5.68	7.4603981	1.72E-01	28352347	28352470	NC_000015.9
cg11168687	3.63E-07	4.71E-08	5.68	7.4599073	1.15E-01	185726782	185726905	NC_000004.11
cg13811423	3.63E-07	4.71E-08	5.68	7.4596761	7.05E-02	61697409	61697532	NC_000020.10
cg07483244	3.63E-07	4.71E-08	5.68	7.4596002	1.53E-01	95358924	95359047	NC_000013.10
cg06674527	3.64E-07	4.72E-08	5.68	7.4592894	7.14E-02	65369928	65370051	NC_000015.9
cg24148304	3.64E-07	4.72E-08	5.68	7.4589332	8.91E-02	7544377	7544500	NC_000006.11
cg23093333	3.64E-07	4.72E-08	5.68	7.4589109	8.48E-02	26474638	26474761	NC_000017.10
cg23696593	3.64E-07	4.72E-08	5.68	7.4588404	1.00E-01	28200623	28200746	NC_000010.10
cg16314851	3.64E-07	4.72E-08	5.68	7.4586541	1.34E-01	104567387	104567510	NC_000007.13
cg09372386	3.64E-07	4.72E-08	5.68	7.4584949	1.15E-01	124397892	124398015	NC_000012.11
cg06601633	3.64E-07	4.72E-08	5.68	7.4577809	1.28E-01	51560874	51560997	NC_000014.8
cg09867598	3.64E-07	4.72E-08	5.68	7.4576292	1.11E-01	122429517	122429640	NC_000005.9
cg11531579	3.64E-07	4.73E-08	5.68	7.4573874	1.53E-01	133484743	133484866	NC_000012.11
cg20747012	3.64E-07	4.73E-08	5.68	7.4571718	5.64E-02	114573744	114573867	NC_000007.13
cg04284321	3.64E-07	4.73E-08	5.68	7.4565683	8.53E-02	68141209	68141332	NC_000001.10
cg02081846	3.65E-07	4.73E-08	5.68	7.4558064	2.80E-02	35186440	35186563	NC_000011.9
cg00423702	3.65E-07	4.74E-08	5.68	7.4549157	3.89E-02	66747538	66747661	NC_000007.13
cg26733846	3.65E-07	4.74E-08	5.68	7.4544442	8.95E-02	112824384	112824507	NC_000006.11
cg20776829	3.65E-07	4.74E-08	5.68	7.4542932	2.39E-01	90758797	90758920	NC_000004.11
cg01349775	3.65E-07	4.74E-08	5.68	7.4538754	1.78E-01	166666838	166666961	NC_000006.11
cg14576347	3.65E-07	4.74E-08	5.68	7.4538217	8.07E-02	117222091	117222214	NC_000009.11
cg27029403	3.66E-07	4.74E-08	5.68	7.4534283	3.44E-02	104029012	104029135	NC_000014.8
cg19378133	3.66E-07	4.75E-08	5.68	7.4533056	1.54E-01	6068835	6068958	NC_000016.9

cg24226973	3.66E-07	4.75E-08	5.68	7.4519163	1.31E-01	14133336	14133459	NC_000012.11
cg27303211	3.66E-07	4.75E-08	5.68	7.4518639	8.42E-02	109997299	109997422	NC_000013.10
cg20390711	3.66E-07	4.75E-08	5.68	7.4517208	9.08E-02	127796683	127796806	NC_000006.11
cg23502203	3.66E-07	4.75E-08	5.68	7.4516497	3.18E-02	113549970	113550093	NC_000012.11
cg03833880	3.66E-07	4.76E-08	5.68	7.4508951	1.38E-01	113391294	113391417	NC_000005.9
cg24021956	3.66E-07	4.76E-08	5.68	7.4507543	2.07E-01	79083509	79083632	NC_000007.13
cg03032497	3.67E-07	4.76E-08	5.68	7.4503638	1.32E-01	61108227	61108350	NC_000014.8
cg07917609	3.67E-07	4.76E-08	5.68	7.4502589	9.91E-02	33938225	33938348	NC_000005.9
cg21751684	3.67E-07	4.76E-08	5.68	7.4502376	1.21E-01	89920887	89921010	NC_000015.9
cg16104276	3.67E-07	4.76E-08	5.68	7.4501507	4.86E-02	44880317	44880440	NC_000001.10
cg25927708	3.67E-07	4.77E-08	5.68	7.449279	1.38E-01	119603813	119603936	NC_000002.11
cg26110710	3.67E-07	4.77E-08	5.68	7.4487776	2.18E-01	88323607	88323730	NC_000013.10
cg24689699	3.67E-07	4.77E-08	5.68	7.4487078	8.69E-02	105071695	105071818	NC_000014.8
cg23375877	3.68E-07	4.78E-08	5.68	7.4463648	1.12E-01	75992311	75992434	NC_000017.10
cg23099740	3.68E-07	4.78E-08	5.68	7.4463425	5.95E-02	23653553	23653676	NC_000014.8
cg22245961	3.68E-07	4.78E-08	5.68	7.4463209	1.01E-01	242977855	242977978	NC_000002.11
cg01984798	3.68E-07	4.78E-08	5.68	7.4462931	8.98E-02	4463911	4464034	NC_000017.10
cg02135395	3.68E-07	4.78E-08	5.68	7.4461605	1.08E-01	172755183	172755306	NC_000005.9
cg21787965	3.68E-07	4.78E-08	5.68	7.4453722	1.56E-01	41739742	41739865	NC_000007.13
cg11117717	3.69E-07	4.79E-08	5.68	7.4439523	1.26E-01	31560529	31560652	NC_000014.8
cg06798106	3.69E-07	4.79E-08	5.68	7.4435875	1.65E-01	55380185	55380308	NC_000008.10
cg24092939	3.69E-07	4.80E-08	5.68	7.4426526	1.35E-01	49181056	49181179	NC_000012.11
cg21520111	3.69E-07	4.80E-08	5.68	7.4423291	7.65E-02	49713645	49713768	NC_000019.9
cg20989855	3.70E-07	4.80E-08	5.68	7.442152	1.26E-01	20985927	20986050	NC_000004.11
cg11432962	3.70E-07	4.80E-08	5.68	7.4415462	1.38E-01	95354741	95354864	NC_000013.10

cg25530735	3.70E-07	4.80E-08	5.68	7.4415412	5.15E-02	6572733	6572856	NC_000005.9
cg01767544	3.70E-07	4.80E-08	5.68	7.4414452	7.86E-02	106321115	106321238	NC_000014.8
cg16534163	3.70E-07	4.81E-08	5.68	7.4409555	4.34E-02	146213718	146213841	NC_000003.11
cg24055703	3.71E-07	4.81E-08	5.68	7.4392464	1.03E-01	46417680	46417803	NC_000020.10
cg21535606	3.71E-07	4.81E-08	5.68	7.4391934	1.34E-01	47911940	47912063	NC_000001.10
cg25784372	3.71E-07	4.82E-08	5.68	7.4390744	3.63E-02	171902156	171902279	NC_000003.11
cg06622528	3.71E-07	4.82E-08	5.68	7.4389575	1.11E-01	202996250	202996373	NC_000001.10
cg05344430	3.71E-07	4.82E-08	5.68	7.4388673	1.58E-01	28366600	28366723	NC_000013.10
cg11456145	3.71E-07	4.82E-08	5.68	7.4382324	2.90E-02	54976756	54976879	NC_000019.9
cg04709306	3.71E-07	4.82E-08	5.68	7.437292	1.20E-01	75703329	75703452	NC_000005.9
cg05033333	3.71E-07	4.82E-08	5.68	7.4371543	1.95E-01	3222180	3222303	NC_000016.9
cg06532613	3.71E-07	4.83E-08	5.68	7.4368682	9.26E-02	61713646	61713769	NC_000005.9
cg27528330	3.71E-07	4.83E-08	5.68	7.4366494	3.16E-02	7025947	7026070	NC_000012.11
cg06765217	3.71E-07	4.83E-08	5.68	7.4366389	1.35E-01	38091644	38091767	NC_000014.8
cg15175716	3.71E-07	4.83E-08	5.68	7.4366173	8.07E-02	64120685	64120808	NC_000011.9
cg22640233	3.72E-07	4.83E-08	5.68	7.4351887	1.54E-01	132864113	132864236	NC_000011.9
cg20187173	3.72E-07	4.83E-08	5.68	7.4351044	7.08E-02	177370839	177370962	NC_000003.11
cg24031597	3.72E-07	4.84E-08	5.68	7.434524	4.64E-02	46846381	46846504	NC_000021.8
cg06270776	3.72E-07	4.84E-08	5.68	7.4342184	1.20E-01	160932670	160932793	NC_000006.11
cg24482544	3.73E-07	4.85E-08	5.68	7.4329574	8.30E-02	160371455	160371578	NC_000001.10
cg09891129	3.73E-07	4.85E-08	5.68	7.4325081	1.50E-01	94134732	94134855	NC_000011.9
cg19827511	3.73E-07	4.85E-08	5.68	7.431913	1.09E-01	93580644	93580767	NC_000014.8
cg24345062	3.74E-07	4.86E-08	5.68	7.4307763	1.36E-01	200334439	200334562	NC_000002.11
cg02868790	3.74E-07	4.86E-08	5.68	7.4290805	1.45E-01	53377998	53378121	NC_000006.11
cg25302704	3.74E-07	4.87E-08	5.68	7.4287548	1.26E-01	27470629	27470752	NC_000008.10

cg21278164	3.74E-07	4.87E-08	5.68	7.4282403	9.18E-02	226127694	226127817	NC_000001.10
cg24690231	3.75E-07	4.87E-08	5.68	7.427878	1.64E-01	18437431	18437554	NC_000001.10
cg17106415	3.75E-07	4.87E-08	5.68	7.427204	4.35E-02	6105003	6105126	NC_000001.10
cg09739413	3.75E-07	4.88E-08	5.68	7.426408	1.11E-01	32729498	32729621	NC_000006.11
cg07721203	3.75E-07	4.88E-08	5.68	7.425995	1.25E-01	58357922	58358045	NC_000015.9
cg08462055	3.75E-07	4.88E-08	5.68	7.4258405	1.07E-01	64944023	64944146	NC_000015.9
cg04976254	3.75E-07	4.88E-08	5.68	7.4257026	3.05E-02	54833222	54833345	NC_000014.8
cg08105352	3.75E-07	4.88E-08	5.68	7.4256737	1.60E-01	114695261	114695384	NC_000001.10
cg13202845	3.75E-07	4.88E-08	5.68	7.4252679	1.67E-01	142410216	142410339	NC_000006.11
cg00757212	3.76E-07	4.89E-08	5.68	7.4236829	1.34E-01	22488176	22488299	NC_000012.11
cg23064481	3.77E-07	4.90E-08	5.68	7.4222637	7.83E-02	30134956	30135079	NC_000006.11
cg16378549	3.77E-07	4.90E-08	5.68	7.4221706	9.23E-02	117260815	117260938	NC_000012.11
cg20933109	3.77E-07	4.90E-08	5.68	7.4218428	1.60E-01	36991034	36991157	NC_000014.8
cg14631165	3.77E-07	4.90E-08	5.68	7.421733	9.11E-02	147560286	147560409	NC_000004.11
cg08195491	3.77E-07	4.90E-08	5.68	7.4217118	5.74E-02	50746063	50746186	NC_000016.9
cg07138305	3.77E-07	4.90E-08	5.68	7.4215584	8.84E-02	72341064	72341187	NC_000017.10
cg01894048	3.78E-07	4.91E-08	5.68	7.4193142	1.80E-01	113697895	113698018	NC_000005.9
cg25827846	3.78E-07	4.92E-08	5.68	7.4191196	3.20E-02	122455120	122455243	NC_000008.10
cg04326808	3.78E-07	4.92E-08	5.68	7.4187758	1.00E-01	39543043	39543166	NC_000015.9
cg13486805	3.78E-07	4.92E-08	5.68	7.4181035	1.16E-01	39738664	39738787	NC_000019.9
cg27076139	3.78E-07	4.92E-08	5.68	7.4180514	1.26E-01	31091718	31091841	NC_000007.13
cg06093525	3.78E-07	4.92E-08	5.68	7.4178958	8.51E-02	136874706	136874829	NC_000006.11
cg02006647	3.78E-07	4.93E-08	5.68	7.4170753	1.29E-01	45738115	45738238	NC_000019.9
cg13572592	3.78E-07	4.93E-08	5.68	7.4170642	1.30E-01	46776425	46776548	NC_000012.11
cg13217260	3.78E-07	4.93E-08	5.68	7.4169595	1.24E-01	176981469	176981592	NC_000002.11

cg16904330	3.79E-07	4.93E-08	5.68	7.41648	1.40E-01	119299162	119299285	NC_000003.11
cg02716646	3.79E-07	4.93E-08	5.68	7.4161906	8.06E-02	25384293	25384416	NC_000002.11
cg22834653	3.79E-07	4.93E-08	5.68	7.4161859	1.18E-01	192232077	192232200	NC_000003.11
cg04500377	3.79E-07	4.93E-08	5.68	7.4158926	1.03E-01	38090208	38090331	NC_000008.10
cg18369866	3.79E-07	4.93E-08	5.68	7.4155887	1.46E-01	145718392	145718515	NC_000005.9
cg09239524	3.79E-07	4.93E-08	5.68	7.4154562	1.40E-01	124902546	124902669	NC_000010.10
cg24707416	3.79E-07	4.94E-08	5.68	7.4150342	1.32E-01	1277703	1277826	NC_000007.13
cg20111643	3.79E-07	4.94E-08	5.68	7.4150147	1.81E-02	52977892	52978015	NC_000017.10
cg16953006	3.79E-07	4.94E-08	5.68	7.4150121	1.10E-01	201857	201980	NC_000002.11
cg07691152	3.79E-07	4.94E-08	5.68	7.4149901	1.25E-01	103355123	103355246	NC_000012.11
cg02576219	3.79E-07	4.94E-08	5.68	7.4146185	1.61E-01	34894885	34895008	NC_000020.10
cg13405226	3.79E-07	4.94E-08	5.68	7.4140689	3.97E-02	103747281	103747404	NC_000008.10
cg17375267	3.80E-07	4.95E-08	5.68	7.4126603	6.41E-02	46915776	46915899	NC_000019.9
cg09255061	3.80E-07	4.95E-08	5.67	7.4113161	3.61E-02	5554868	5554991	NC_000010.10
cg14053081	3.81E-07	4.96E-08	5.67	7.4111124	3.78E-02	288081	288204	NC_000019.9
cg21520715	3.81E-07	4.96E-08	5.67	7.4109677	3.62E-02	172189776	172189899	NC_000005.9
cg06103657	3.81E-07	4.96E-08	5.67	7.4107186	6.51E-02	33030976	33031099	NC_000012.11
cg05572800	3.81E-07	4.96E-08	5.67	7.4097859	6.61E-02	6449865	6449988	NC_000004.11
cg13702181	3.81E-07	4.96E-08	5.67	7.4096546	9.83E-02	77791657	77791780	NC_000014.8
cg18250028	3.82E-07	4.97E-08	5.67	7.407413	1.98E-01	71015523	71015646	NC_000005.9
cg20002177	3.82E-07	4.98E-08	5.67	7.4071328	1.56E-01	96649956	96650079	NC_000007.13
cg15821095	3.82E-07	4.98E-08	5.67	7.4059607	9.50E-02	51428079	51428202	NC_000003.11
cg08738570	3.83E-07	4.98E-08	5.67	7.4056729	1.09E-01	1475265	1475388	NC_000001.10
cg13790268	3.83E-07	4.98E-08	5.67	7.4056463	7.79E-02	100125548	100125671	NC_000014.8
cg13933729	3.83E-07	4.99E-08	5.67	7.4049551	2.61E-02	35076434	35076557	NC_000009.11



cg14941291	3.83E-07	4.99E-08	5.67	7.4049334	1.21E-01	176952930	176953053	NC_000002.11
cg23412639	3.83E-07	4.99E-08	5.67	7.4048701	5.61E-02	158929577	158929700	NC_000004.11
cg02806645	3.83E-07	4.99E-08	5.67	7.4043362	7.45E-02	138725153	138725276	NC_000003.11
cg25994725	3.83E-07	4.99E-08	5.67	7.4038025	1.08E-01	35703435	35703558	NC_000006.11
cg17710947	3.83E-07	4.99E-08	5.67	7.4035837	1.06E-01	45580221	45580344	NC_000019.9
cg04365973	3.84E-07	5.00E-08	5.67	7.4027498	5.37E-02	717556	717679	NC_000016.9
cg13981054	3.84E-07	5.00E-08	5.67	7.4016553	7.35E-02	18020115	18020238	NC_000006.11
cg18575221	3.84E-07	5.01E-08	5.67	7.400507	9.97E-02	70037728	70037851	NC_000014.8
cg01569440	3.84E-07	5.01E-08	5.67	7.4004153	9.18E-02	46717147	46717270	NC_000017.10
cg00533585	3.85E-07	5.02E-08	5.67	7.399173	5.63E-02	121214717	121214840	NC_000010.10
cg23620902	3.85E-07	5.02E-08	5.67	7.3989592	1.38E-01	119566332	119566455	NC_000002.11
cg14305278	3.85E-07	5.02E-08	5.67	7.3985245	1.41E-01	971046	971169	NC_000009.11
cg06842946	3.85E-07	5.02E-08	5.67	7.3978742	7.67E-02	49070005	49070128	NC_000011.9
cg17337668	3.85E-07	5.02E-08	5.67	7.3978153	1.07E-01	36863216	36863339	NC_000017.10
cg00514241	3.85E-07	5.02E-08	5.67	7.3977065	7.01E-02	28193910	28194033	NC_000022.10
cg00899090	3.86E-07	5.03E-08	5.67	7.3973088	8.21E-02	119212319	119212442	NC_000012.11
cg04058337	3.86E-07	5.03E-08	5.67	7.3972679	8.50E-02	1113669	1113792	NC_000016.9
cg11666040	3.86E-07	5.03E-08	5.67	7.3967688	1.41E-01	135012454	135012577	NC_000010.10
cg03970032	3.86E-07	5.03E-08	5.67	7.3959615	1.08E-01	16062915	16063038	NC_000001.10
cg00973677	3.86E-07	5.04E-08	5.67	7.3952667	1.38E-01	136553595	136553718	NC_000007.13
cg03476087	3.86E-07	5.04E-08	5.67	7.3950166	1.65E-01	26506353	26506476	NC_000010.10
cg06755555	3.87E-07	5.04E-08	5.67	7.394062	1.19E-01	46704640	46704763	NC_000017.10
cg09926389	3.87E-07	5.04E-08	5.67	7.3940091	1.41E-01	41837123	41837246	NC_000019.9
cg25734864	3.88E-07	5.06E-08	5.67	7.3914889	7.33E-02	113812986	113813109	NC_000013.10
cg24292703	3.88E-07	5.06E-08	5.67	7.3913283	1.34E-01	57264639	57264762	NC_000014.8

cg09183316	3.88E-07	5.06E-08	5.67	7.391206	1.38E-01	58238232	58238355	NC_000012.11
cg20501518	3.88E-07	5.06E-08	5.67	7.3911706	1.49E-01	157821919	157822042	NC_000003.11
cg13486528	3.88E-07	5.06E-08	5.67	7.391126	1.62E-01	241771368	241771491	NC_000002.11
cg03515098	3.88E-07	5.06E-08	5.67	7.3908722	7.84E-02	38117454	38117577	NC_000021.8
cg01382110	3.88E-07	5.06E-08	5.67	7.3906881	1.56E-01	4454189	4454312	NC_000018.9
cg02175739	3.88E-07	5.06E-08	5.67	7.3904557	6.91E-02	875980	876103	NC_000011.9
cg01156990	3.88E-07	5.06E-08	5.67	7.3902268	7.78E-02	35732801	35732924	NC_000017.10
cg03654735	3.88E-07	5.07E-08	5.67	7.3893296	1.47E-01	38100826	38100949	NC_000001.10
cg10658252	3.88E-07	5.07E-08	5.67	7.3892655	1.24E-01	153853283	153853406	NC_000005.9
cg27036111	3.89E-07	5.07E-08	5.67	7.3879694	1.17E-01	20620680	20620803	NC_000011.9
cg13193239	3.89E-07	5.08E-08	5.67	7.3873878	9.69E-02	111539479	111539602	NC_000004.11
cg22848982	3.89E-07	5.08E-08	5.67	7.3872357	2.45E-02	3697631	3697754	NC_000001.10
cg14443953	3.89E-07	5.08E-08	5.67	7.3870118	1.54E-01	31837124	31837247	NC_000011.9
cg14380586	3.89E-07	5.08E-08	5.67	7.3865375	1.38E-01	103889928	103890051	NC_000012.11
cg01344452	3.90E-07	5.08E-08	5.67	7.3863147	5.71E-02	54912143	54912266	NC_000017.10
cg01815090	3.90E-07	5.09E-08	5.67	7.3858371	5.60E-02	36013708	36013831	NC_000022.10
cg16664193	3.90E-07	5.09E-08	5.67	7.385066	9.96E-02	35227046	35227169	NC_000017.10
cg11280525	3.90E-07	5.09E-08	5.67	7.3845524	1.06E-01	87955695	87955818	NC_000005.9
cg16387401	3.90E-07	5.09E-08	5.67	7.3843667	5.78E-02	24106252	24106375	NC_000014.8
cg11648720	3.90E-07	5.09E-08	5.67	7.3843595	3.42E-02	693895	694018	NC_000004.11
cg19048532	3.90E-07	5.09E-08	5.67	7.3841268	7.56E-02	27148002	27148125	NC_000007.13
cg03807316	3.91E-07	5.10E-08	5.67	7.3827502	1.39E-01	39998290	39998413	NC_000019.9
cg23752563	3.91E-07	5.10E-08	5.67	7.3822898	1.60E-01	54466187	54466310	NC_000019.9
cg01183586	3.91E-07	5.11E-08	5.67	7.38219	5.09E-02	111980326	111980449	NC_000002.11
cg04720797	3.91E-07	5.11E-08	5.67	7.3818995	8.09E-02	140480223	140480346	NC_000005.9

cg04068005	3.91E-07	5.11E-08	5.67	7.3816391	1.17E-01	137162231	137162354	NC_000006.11
cg22848150	3.92E-07	5.11E-08	5.67	7.3806373	1.16E-01	57358165	57358288	NC_000008.10
cg01983682	3.92E-07	5.11E-08	5.67	7.3804057	9.86E-02	162283979	162284102	NC_000002.11
cg23031141	3.92E-07	5.12E-08	5.67	7.3796355	7.64E-02	203465077	203465200	NC_000001.10
cg01391071	3.92E-07	5.12E-08	5.67	7.3795937	4.65E-02	67379649	67379772	NC_000011.9
cg01870826	3.92E-07	5.12E-08	5.67	7.3789052	1.36E-01	5111875	5111998	NC_000007.13
cg25772185	3.92E-07	5.12E-08	5.67	7.3785019	5.52E-02	25371488	25371611	NC_000010.10
cg15710198	3.93E-07	5.13E-08	5.67	7.3770976	1.44E-01	55370334	55370457	NC_000008.10
cg01578632	3.93E-07	5.13E-08	5.67	7.3768829	7.16E-02	69958298	69958421	NC_000016.9
cg09842125	3.93E-07	5.13E-08	5.67	7.3766612	5.32E-02	157080710	157080833	NC_000005.9
cg04612608	3.93E-07	5.13E-08	5.67	7.3766303	7.09E-02	9248364	9248487	NC_000016.9
cg14666564	3.93E-07	5.14E-08	5.67	7.376083	1.15E-01	177030228	177030351	NC_000002.11
cg20596543	3.94E-07	5.14E-08	5.67	7.3754611	1.27E-01	103794922	103795045	NC_000008.10
cg21970554	3.94E-07	5.14E-08	5.67	7.3754131	1.35E-01	57050370	57050493	NC_000019.9
cg16505550	3.94E-07	5.14E-08	5.67	7.3749908	1.19E-01	57045708	57045831	NC_000001.10
cg00978427	3.94E-07	5.15E-08	5.67	7.3739065	6.68E-02	140736762	140736885	NC_000005.9
cg06298519	3.94E-07	5.15E-08	5.67	7.3733942	2.12E-01	118031864	118031987	NC_000010.10
cg20963227	3.95E-07	5.15E-08	5.67	7.3730703	1.18E-01	41868203	41868326	NC_000004.11
cg06061238	3.95E-07	5.15E-08	5.67	7.372953	8.76E-02	134915859	134915982	NC_000010.10
cg22155218	3.95E-07	5.16E-08	5.67	7.3715569	6.28E-02	92110813	92110936	NC_000001.10
cg14934413	3.95E-07	5.16E-08	5.67	7.3715141	1.19E-01	20184162	20184285	NC_000011.9
cg22856010	3.95E-07	5.16E-08	5.67	7.3714711	1.01E-01	1707413	1707536	NC_000008.10
cg07116997	3.95E-07	5.16E-08	5.67	7.3709427	1.33E-01	27225733	27225856	NC_000007.13
cg22978003	3.95E-07	5.17E-08	5.67	7.3705852	9.29E-02	36066313	36066436	NC_000005.9
cg03373742	3.95E-07	5.17E-08	5.67	7.3705754	2.08E-02	7701581	7701704	NC_000017.10

cg14884932	3.95E-07	5.17E-08	5.67	7.3705488	8.58E-02	51774451	51774574	NC_000019.9
cg22063692	3.96E-07	5.17E-08	5.67	7.3694286	1.01E-01	73966627	73966750	NC_000018.9
cg20252202	3.96E-07	5.18E-08	5.67	7.3682182	1.09E-01	108239470	108239593	NC_000012.11
cg12030842	3.97E-07	5.19E-08	5.67	7.3663579	3.38E-02	1095607	1095730	NC_000011.9
cg01654566	3.97E-07	5.19E-08	5.67	7.3655777	8.23E-02	28035193	28035316	NC_000022.10
cg08138685	3.98E-07	5.20E-08	5.67	7.3650895	1.51E-01	119610526	119610649	NC_000002.11
cg26365854	3.98E-07	5.20E-08	5.67	7.3649566	1.77E-01	44330903	44331026	NC_000011.9
cg23921249	3.98E-07	5.20E-08	5.67	7.3648079	6.04E-02	16404670	16404793	NC_000022.10
cg00956679	3.98E-07	5.20E-08	5.67	7.3645899	1.16E-01	77462606	77462729	NC_000014.8
cg23484234	3.98E-07	5.20E-08	5.67	7.3644327	1.39E-01	66188433	66188556	NC_000011.9
cg08774452	3.98E-07	5.20E-08	5.67	7.364323	1.79E-01	128850550	128850673	NC_000012.11
cg20684528	3.98E-07	5.20E-08	5.67	7.3642699	1.47E-01	14133667	14133790	NC_000012.11
cg25388715	3.98E-07	5.20E-08	5.67	7.3641598	2.93E-02	115468942	115469065	NC_000010.10
cg24125710	3.99E-07	5.22E-08	5.66	7.3613353	1.37E-01	176414852	176414975	NC_000003.11
cg01267532	3.99E-07	5.22E-08	5.66	7.3612427	1.06E-01	76266372	76266495	NC_000018.9
cg00799748	3.99E-07	5.22E-08	5.66	7.3604204	2.64E-02	1611052	1611175	NC_000016.9
cg27019731	4.00E-07	5.22E-08	5.66	7.3597642	8.27E-02	134800662	134800785	NC_000010.10
cg20403498	4.00E-07	5.22E-08	5.66	7.3596796	1.93E-01	124895693	124895816	NC_000010.10
cg26864834	4.00E-07	5.22E-08	5.66	7.3596761	7.78E-02	4382372	4382495	NC_000012.11
cg00283857	4.00E-07	5.23E-08	5.66	7.359533	7.37E-02	158018184	158018307	NC_000006.11
cg21380341	4.00E-07	5.23E-08	5.66	7.3593437	1.67E-01	94543978	94544101	NC_000012.11
cg06287318	4.00E-07	5.24E-08	5.66	7.3576667	1.33E-01	21496129	21496252	NC_000020.10
cg04933492	4.01E-07	5.24E-08	5.66	7.3573775	5.34E-02	1045310	1045433	NC_000016.9
cg03843951	4.01E-07	5.24E-08	5.66	7.3568174	4.95E-02	50629634	50629757	NC_000007.13
cg02255983	4.01E-07	5.24E-08	5.66	7.3564766	6.16E-02	2798801	2798924	NC_000019.9

cg16858253	4.01E-07	5.24E-08	5.66	7.3563072	5.07E-02	12202995	12203118	NC_000003.11
cg00934661	4.01E-07	5.24E-08	5.66	7.3560777	5.86E-02	10775706	10775829	NC_000016.9
cg13186884	4.01E-07	5.24E-08	5.66	7.3560482	1.28E-01	65285831	65285954	NC_000008.10
cg24399349	4.01E-07	5.25E-08	5.66	7.3555863	8.29E-02	55517045	55517168	NC_000007.13
cg13207534	4.01E-07	5.25E-08	5.66	7.3550394	5.21E-02	5087447	5087570	NC_000006.11
cg03490073	4.01E-07	5.25E-08	5.66	7.3548169	4.44E-02	176806812	176806935	NC_000003.11
cg22720392	4.02E-07	5.25E-08	5.66	7.3546463	9.37E-02	3133857	3133980	NC_000001.10
cg00466268	4.02E-07	5.26E-08	5.66	7.3539965	1.73E-01	164914621	164914744	NC_000003.11
cg16215422	4.03E-07	5.27E-08	5.66	7.3518975	1.46E-01	147141664	147141787	NC_000003.11
cg13433278	4.03E-07	5.27E-08	5.66	7.3512374	1.09E-01	172958358	172958481	NC_000002.11
cg26630791	4.03E-07	5.27E-08	5.66	7.351115	1.09E-01	83017000	83017123	NC_000005.9
cg04845236	4.03E-07	5.27E-08	5.66	7.3510708	9.69E-02	104294981	104295104	NC_000009.11
cg24932585	4.03E-07	5.27E-08	5.66	7.3505519	1.17E-01	12666317	12666440	NC_000019.9
cg14547509	4.03E-07	5.28E-08	5.66	7.3498859	1.25E-01	14318498	14318621	NC_000009.11
cg04693256	4.04E-07	5.28E-08	5.66	7.3492403	4.98E-02	95524174	95524297	NC_000002.11
cg03181117	4.04E-07	5.28E-08	5.66	7.3488562	7.53E-02	1543188	1543311	NC_000017.10
cg25919948	4.04E-07	5.28E-08	5.66	7.3486446	4.94E-02	63041305	63041428	NC_000007.13
cg09473585	4.04E-07	5.29E-08	5.66	7.3483452	7.28E-02	62305519	62305642	NC_000003.11
cg03364874	4.04E-07	5.29E-08	5.66	7.3472927	4.55E-02	123092870	123092993	NC_000008.10
cg27364741	4.04E-07	5.29E-08	5.66	7.3470937	1.49E-01	63281069	63281192	NC_000002.11
cg21125095	4.05E-07	5.30E-08	5.66	7.3454593	6.81E-02	8680412	8680535	NC_000012.11
cg27235228	4.06E-07	5.31E-08	5.66	7.3440431	9.23E-02	60408266	60408389	NC_000010.10
cg03760951	4.06E-07	5.31E-08	5.66	7.3439897	1.81E-01	2160875	2160998	NC_000011.9
cg01328621	4.06E-07	5.31E-08	5.66	7.3438152	5.80E-02	68567276	68567399	NC_000015.9
cg01366985	4.06E-07	5.31E-08	5.66	7.3434183	1.05E-01	25167695	25167818	NC_000006.11

cg02712224	4.06E-07	5.32E-08	5.66	7.3421203	1.43E-01	114834201	114834324	NC_000012.11
cg25741215	4.06E-07	5.32E-08	5.66	7.3418901	1.41E-01	63287082	63287205	NC_000002.11
cg10967866	4.07E-07	5.32E-08	5.66	7.3412891	7.28E-02	134362164	134362287	NC_000010.10
cg21423610	4.07E-07	5.32E-08	5.66	7.3412029	5.31E-02	16218007	16218130	NC_000022.10
cg07881817	4.07E-07	5.33E-08	5.66	7.3408637	1.06E-01	170904870	170904993	NC_000003.11
cg02235066	4.07E-07	5.33E-08	5.66	7.3397988	2.56E-02	57457986	57458109	NC_000014.8
cg04630273	4.08E-07	5.34E-08	5.66	7.3384139	7.01E-02	62406879	62407002	NC_000020.10
cg15389068	4.08E-07	5.34E-08	5.66	7.3378271	9.61E-02	140475049	140475172	NC_000005.9
cg08306275	4.08E-07	5.35E-08	5.66	7.3372694	2.32E-02	121502395	121502518	NC_000011.9
cg17197870	4.08E-07	5.35E-08	5.66	7.33703	9.85E-02	30027916	30028039	NC_000006.11
cg06893288	4.08E-07	5.35E-08	5.66	7.3366538	1.15E-01	132859722	132859845	NC_000012.11
cg04168137	4.09E-07	5.35E-08	5.66	7.3364039	1.41E-01	39017630	39017753	NC_000007.13
cg06086177	4.09E-07	5.35E-08	5.66	7.3362911	1.49E-01	73090646	73090769	NC_000016.9
cg18992875	4.09E-07	5.35E-08	5.66	7.3359342	8.00E-02	102745783	102745906	NC_000003.11
cg19469447	4.09E-07	5.36E-08	5.66	7.3344158	1.45E-01	135341870	135341993	NC_000010.10
cg15560061	4.09E-07	5.36E-08	5.66	7.334342	8.08E-02	8576679	8576802	NC_000019.9
cg17982031	4.10E-07	5.36E-08	5.66	7.3339453	1.26E-01	140768213	140768336	NC_000005.9
cg16865446	4.10E-07	5.37E-08	5.66	7.3337914	1.52E-01	31822302	31822425	NC_000011.9
cg25584814	4.10E-07	5.37E-08	5.66	7.3334312	6.08E-02	345306	345429	NC_000019.9
cg25491122	4.10E-07	5.37E-08	5.66	7.3333298	1.07E-01	67801551	67801674	NC_000013.10
cg09288218	4.10E-07	5.37E-08	5.66	7.3328236	1.01E-01	130554977	130555100	NC_000012.11
cg21535366	4.10E-07	5.37E-08	5.66	7.3321339	1.13E-01	107974612	107974735	NC_000012.11
cg15595212	4.11E-07	5.38E-08	5.66	7.3312054	5.53E-02	248100183	248100306	NC_000001.10
cg23928118	4.11E-07	5.38E-08	5.66	7.3311526	7.70E-02	140215201	140215324	NC_000005.9
cg26083180	4.11E-07	5.38E-08	5.66	7.3308585	1.45E-01	99272089	99272212	NC_000006.11

cg24552773	4.11E-07	5.38E-08	5.66	7.3306186	6.26E-02	9100506	9100629	NC_000001.10
cg05863683	4.11E-07	5.39E-08	5.66	7.3300093	6.81E-02	1912471	1912594	NC_000007.13
cg18125241	4.11E-07	5.39E-08	5.66	7.3298013	1.27E-01	36026419	36026542	NC_000001.10
cg15554338	4.12E-07	5.39E-08	5.66	7.3287186	1.15E-01	167190158	167190281	NC_000003.11
cg22678952	4.12E-07	5.39E-08	5.66	7.3286788	1.10E-01	4382123	4382246	NC_000012.11
cg23532985	4.12E-07	5.40E-08	5.66	7.3280082	6.42E-02	4626526	4626649	NC_000011.9
cg09938511	4.12E-07	5.40E-08	5.66	7.3273772	2.06E-01	77590322	77590445	NC_000008.10
cg12121446	4.12E-07	5.40E-08	5.66	7.3270892	7.03E-02	25115869	25115992	NC_000013.10
cg06128028	4.12E-07	5.40E-08	5.66	7.3266617	1.18E-01	35293892	35294015	NC_000007.13
cg20725716	4.13E-07	5.41E-08	5.66	7.3261223	4.48E-02	176519455	176519578	NC_000005.9
cg08915632	4.13E-07	5.41E-08	5.66	7.3258997	1.06E-01	72466247	72466370	NC_000008.10
cg04502985	4.13E-07	5.42E-08	5.66	7.3247592	1.63E-01	77268452	77268575	NC_000005.9
cg22617898	4.13E-07	5.42E-08	5.66	7.3242819	9.46E-02	18313388	18313511	NC_000019.9
cg17851126	4.14E-07	5.42E-08	5.66	7.3231316	3.60E-02	10503723	10503846	NC_000019.9
cg19296354	4.14E-07	5.43E-08	5.66	7.3229441	9.13E-02	57415697	57415820	NC_000020.10
cg23880736	4.14E-07	5.43E-08	5.66	7.3229247	9.50E-02	582172	582295	NC_000004.11
cg24053721	4.14E-07	5.43E-08	5.66	7.3225785	1.06E-01	142053970	142054093	NC_000004.11
cg01921432	4.15E-07	5.44E-08	5.66	7.3204405	1.23E-01	91182534	91182657	NC_000001.10
cg11859584	4.15E-07	5.44E-08	5.66	7.3202458	1.12E-01	3361374	3361497	NC_000019.9
cg06167730	4.15E-07	5.45E-08	5.66	7.3194407	8.63E-02	991533	991656	NC_000008.10
cg14246568	4.16E-07	5.46E-08	5.66	7.3171803	1.11E-01	105388153	105388276	NC_000006.11
cg27323343	4.16E-07	5.46E-08	5.66	7.3167717	7.50E-02	77916526	77916649	NC_000008.10
cg12389685	4.17E-07	5.46E-08	5.66	7.3163334	5.46E-02	1779542	1779665	NC_000005.9
cg05241406	4.17E-07	5.46E-08	5.66	7.3162326	1.48E-02	38662373	38662496	NC_000004.11
cg08987251	4.17E-07	5.47E-08	5.66	7.3151297	8.06E-02	58769104	58769227	NC_000016.9

cg11058366	4.17E-07	5.47E-08	5.66	7.3144304	1.61E-01	213401195	213401318	NC_000002.11
cg27172378	4.18E-07	5.48E-08	5.65	7.3131212	3.74E-02	12293395	12293518	NC_000001.10
cg11473240	4.18E-07	5.48E-08	5.65	7.313044	9.44E-02	39553960	39554083	NC_000017.10
cg21203902	4.18E-07	5.48E-08	5.65	7.3129231	3.90E-02	132480847	132480970	NC_000009.11
cg04737283	4.18E-07	5.48E-08	5.65	7.3125967	9.51E-02	36805426	36805549	NC_000003.11
cg23389465	4.18E-07	5.49E-08	5.65	7.3118815	1.61E-01	166406451	166406574	NC_000005.9
cg08935238	4.18E-07	5.49E-08	5.65	7.3118546	9.92E-02	140798161	140798284	NC_000005.9
cg02835822	4.19E-07	5.49E-08	5.65	7.3116083	1.53E-01	2161456	2161579	NC_000011.9
cg19693031	4.19E-07	5.49E-08	5.65	7.3113814	1.52E-01	145441552	145441675	NC_000001.10
cg14963884	4.19E-07	5.50E-08	5.65	7.3101683	5.33E-02	43331952	43332075	NC_000010.10
cg03247926	4.20E-07	5.51E-08	5.65	7.3087246	1.87E-01	29069623	29069746	NC_000013.10
cg16399625	4.20E-07	5.51E-08	5.65	7.3086671	5.23E-02	69322188	69322311	NC_000014.8
cg19016652	4.20E-07	5.51E-08	5.65	7.3084831	1.03E-01	16760040	16760163	NC_000012.11
cg20469764	4.20E-07	5.51E-08	5.65	7.3084819	7.07E-02	57952160	57952283	NC_000014.8
cg03742724	4.20E-07	5.51E-08	5.65	7.3078523	1.14E-01	161838997	161839120	NC_000006.11
cg22192089	4.20E-07	5.51E-08	5.65	7.3076544	3.11E-02	71608715	71608838	NC_000015.9
cg04057288	4.20E-07	5.51E-08	5.65	7.3075821	1.24E-01	130504189	130504312	NC_000009.11
cg00618183	4.20E-07	5.51E-08	5.65	7.3071055	1.46E-01	75143600	75143723	NC_000017.10
cg21088896	4.20E-07	5.52E-08	5.65	7.3066153	1.39E-01	94284917	94285040	NC_000007.13
cg22275864	4.21E-07	5.53E-08	5.65	7.3049847	1.25E-01	37822562	37822685	NC_000008.10
cg09267427	4.21E-07	5.53E-08	5.65	7.3047508	1.12E-01	124953924	124954047	NC_000012.11
cg25566568	4.21E-07	5.53E-08	5.65	7.3041613	2.05E-01	36995009	36995132	NC_000014.8
cg12665414	4.22E-07	5.53E-08	5.65	7.3039099	1.53E-01	173318755	173318878	NC_000005.9
cg25198599	4.22E-07	5.53E-08	5.65	7.3038554	1.07E-01	131142648	131142771	NC_000012.11
cg00985817	4.22E-07	5.53E-08	5.65	7.3036429	1.04E-01	23584720	23584843	NC_000004.11



cg13248406	4.22E-07	5.53E-08	5.65	7.3035313	6.15E-02	2198631	2198754	NC_000007.13
cg09783270	4.22E-07	5.54E-08	5.65	7.3033572	5.23E-02	46001312	46001435	NC_000007.13
cg13380624	4.22E-07	5.54E-08	5.65	7.3030632	1.48E-01	7735426	7735549	NC_000019.9
cg25745246	4.22E-07	5.54E-08	5.65	7.3026349	5.16E-02	134491331	134491454	NC_000010.10
cg04892919	4.22E-07	5.54E-08	5.65	7.3025912	2.52E-02	191272604	191272727	NC_000002.11
cg03890634	4.22E-07	5.54E-08	5.65	7.3024747	4.20E-02	47584779	47584902	NC_000007.13
cg04965141	4.22E-07	5.54E-08	5.65	7.302318	1.29E-01	154710750	154710873	NC_000004.11
cg24277733	4.22E-07	5.54E-08	5.65	7.3022526	9.53E-02	4763284	4763407	NC_000004.11
cg21910196	4.22E-07	5.54E-08	5.65	7.3021358	1.09E-01	72402619	72402742	NC_000014.8
cg24856171	4.22E-07	5.54E-08	5.65	7.3018942	2.53E-02	1640861	1640984	NC_000005.9
cg27431625	4.22E-07	5.55E-08	5.65	7.3017119	1.39E-01	107679531	107679654	NC_000002.11
cg05475205	4.22E-07	5.55E-08	5.65	7.3016851	7.41E-02	176305017	176305140	NC_000005.9
cg15887459	4.22E-07	5.55E-08	5.65	7.3016213	1.18E-01	18230903	18231026	NC_000011.9
cg16782807	4.23E-07	5.55E-08	5.65	7.3013089	1.90E-01	37354254	37354377	NC_000020.10
cg04676482	4.23E-07	5.55E-08	5.65	7.300734	8.91E-02	111536216	111536339	NC_000004.11
cg13504907	4.23E-07	5.55E-08	5.65	7.30046	3.60E-02	5185586	5185709	NC_000009.11
cg02302082	4.23E-07	5.55E-08	5.65	7.3002439	2.83E-02	125561009	125561132	NC_000012.11
cg27507700	4.23E-07	5.55E-08	5.65	7.3000699	1.45E-01	87230189	87230312	NC_000007.13
cg14552379	4.23E-07	5.56E-08	5.65	7.2994295	1.50E-01	60982036	60982159	NC_000014.8
cg14409919	4.23E-07	5.56E-08	5.65	7.2991657	4.05E-02	130312266	130312389	NC_000009.11
cg23284959	4.24E-07	5.56E-08	5.65	7.298831	5.39E-02	134833312	134833435	NC_000010.10
cg02998129	4.24E-07	5.57E-08	5.65	7.2981868	1.14E-01	42344234	42344357	NC_000017.10
cg14834721	4.24E-07	5.57E-08	5.65	7.2981215	2.67E-02	78492139	78492262	NC_000004.11
cg02855996	4.24E-07	5.57E-08	5.65	7.2979135	5.44E-02	150068757	150068880	NC_000007.13
cg02530172	4.24E-07	5.57E-08	5.65	7.2978988	1.94E-02	515789	515912	NC_000006.11

cg01553209	4.24E-07	5.57E-08	5.65	7.2978913	1.64E-01	22625874	22625997	NC_000010.10
cg17744293	4.24E-07	5.57E-08	5.65	7.2971662	1.19E-01	50890952	50891075	NC_000001.10
cg00983803	4.24E-07	5.57E-08	5.65	7.2969742	8.29E-02	48575902	48576025	NC_000001.10
cg04218209	4.25E-07	5.58E-08	5.65	7.2958359	3.69E-02	41247988	41248111	NC_000015.9
cg09536336	4.25E-07	5.58E-08	5.65	7.2954023	1.02E-01	168439657	168439780	NC_000005.9
cg03782771	4.25E-07	5.59E-08	5.65	7.2945683	8.65E-02	152801238	152801361	NC_000004.11
cg03177042	4.26E-07	5.59E-08	5.65	7.2933604	1.16E-01	166422671	166422794	NC_000006.11
cg11704490	4.26E-07	5.59E-08	5.65	7.2933532	6.83E-02	162284894	162285017	NC_000002.11
cg17449333	4.26E-07	5.60E-08	5.65	7.2928937	4.31E-02	46669290	46669413	NC_000003.11
cg17314000	4.26E-07	5.60E-08	5.65	7.2926355	1.55E-01	178594447	178594570	NC_000005.9
cg06670599	4.26E-07	5.60E-08	5.65	7.2920723	9.90E-02	31631801	31631924	NC_000006.11
cg24027742	4.26E-07	5.60E-08	5.65	7.2918261	3.99E-02	64895147	64895270	NC_000011.9
cg17683110	4.27E-07	5.61E-08	5.65	7.2910314	1.11E-01	49311934	49312057	NC_000016.9
cg06948763	4.27E-07	5.61E-08	5.65	7.2907081	1.44E-01	110763078	110763201	NC_000001.10
cg05870631	4.28E-07	5.62E-08	5.65	7.2878662	5.08E-02	20450466	20450589	NC_000017.10
cg14490735	4.28E-07	5.63E-08	5.65	7.2869022	8.26E-02	39286162	39286285	NC_000009.11
cg19684990	4.29E-07	5.64E-08	5.65	7.2852106	6.02E-02	106110146	106110269	NC_000014.8
cg19084589	4.30E-07	5.65E-08	5.65	7.2836962	1.66E-01	26737711	26737834	NC_000001.10
cg04369341	4.30E-07	5.66E-08	5.65	7.2823647	1.24E-01	42545022	42545145	NC_000020.10
cg06085038	4.31E-07	5.66E-08	5.65	7.2812	7.83E-02	45946982	45947105	NC_000017.10
cg19456622	4.31E-07	5.67E-08	5.65	7.2797255	1.16E-01	53423132	53423255	NC_000013.10
cg01863682	4.32E-07	5.68E-08	5.65	7.2787537	1.64E-01	182545771	182545894	NC_000002.11
cg04697454	4.32E-07	5.68E-08	5.65	7.2786225	1.22E-01	93633408	93633531	NC_000015.9
cg17948565	4.32E-07	5.68E-08	5.65	7.2785453	6.38E-02	3803114	3803237	NC_000019.9
cg02448922	4.32E-07	5.69E-08	5.65	7.2772877	1.22E-01	21754947	21755070	NC_000001.10

cg18867912	4.32E-07	5.69E-08	5.65	7.2771322	4.66E-02	33623072	33623195	NC_000019.9
cg06008926	4.33E-07	5.69E-08	5.65	7.276863	1.27E-01	170740673	170740796	NC_000005.9
cg07311566	4.33E-07	5.69E-08	5.65	7.276739	3.50E-02	58632000	58632123	NC_000003.11
cg14530764	4.33E-07	5.69E-08	5.65	7.2766488	6.92E-02	123124018	123124141	NC_000003.11
cg12917718	4.33E-07	5.69E-08	5.65	7.2761025	1.14E-01	70682019	70682142	NC_000013.10
cg10760299	4.33E-07	5.69E-08	5.65	7.2760093	1.35E-01	45669010	45669133	NC_000015.9
cg21177821	4.33E-07	5.70E-08	5.65	7.2756874	1.15E-01	61121712	61121835	NC_000014.8
cg15208375	4.33E-07	5.70E-08	5.65	7.2746883	2.16E-01	31841555	31841678	NC_000019.9
cg06854015	4.34E-07	5.71E-08	5.65	7.2732009	7.64E-02	14852042	14852165	NC_000003.11
cg06781853	4.34E-07	5.71E-08	5.65	7.2731721	9.79E-02	32857551	32857674	NC_000016.9
cg24165443	4.34E-07	5.71E-08	5.65	7.2725384	2.43E-02	97679964	97680087	NC_000002.11
cg03877267	4.35E-07	5.72E-08	5.65	7.2709582	1.37E-01	102430784	102430907	NC_000010.10
cg06350176	4.35E-07	5.73E-08	5.65	7.2704295	1.69E-02	67375936	67376059	NC_000011.9
cg22007237	4.35E-07	5.73E-08	5.65	7.2703667	7.96E-02	68452938	68453061	NC_000011.9
cg00165994	4.35E-07	5.73E-08	5.65	7.2701856	9.87E-02	62054902	62055025	NC_000001.10
cg18194850	4.36E-07	5.73E-08	5.65	7.2695971	1.12E-01	67699305	67699428	NC_000003.11
cg17180678	4.36E-07	5.74E-08	5.65	7.2687791	1.45E-01	89915003	89915126	NC_000015.9
cg12050750	4.36E-07	5.74E-08	5.65	7.2687113	1.17E-01	145938126	145938249	NC_000008.10
cg13969265	4.36E-07	5.74E-08	5.65	7.2684331	1.47E-01	140716673	140716796	NC_000008.10
cg23026675	4.36E-07	5.74E-08	5.65	7.2682586	1.77E-01	77590168	77590291	NC_000008.10
cg01775260	4.36E-07	5.74E-08	5.65	7.2679948	1.15E-01	27018770	27018893	NC_000015.9
cg17880199	4.36E-07	5.74E-08	5.65	7.2678761	1.30E-01	15950840	15950963	NC_000016.9
cg00424169	4.37E-07	5.75E-08	5.65	7.2671488	9.15E-02	31506837	31506960	NC_000013.10
cg01978105	4.37E-07	5.75E-08	5.65	7.2670682	1.04E-01	67678756	67678879	NC_000016.9
cg04753469	4.37E-07	5.75E-08	5.65	7.2669947	6.50E-02	105041708	105041831	NC_000014.8

cg15986413	4.37E-07	5.75E-08	5.65	7.2668602	8.66E-02	233352776	233352899	NC_000002.11
cg08865829	4.37E-07	5.75E-08	5.65	7.2664287	3.20E-02	51412448	51412571	NC_000015.9
cg07224914	4.37E-07	5.75E-08	5.64	7.2655812	1.17E-01	95691647	95691770	NC_000002.11
cg03546687	4.37E-07	5.75E-08	5.64	7.2655775	6.97E-02	2198080	2198203	NC_000016.9
cg00210016	4.37E-07	5.76E-08	5.64	7.2654055	2.85E-02	18919146	18919269	NC_000017.10
cg17371841	4.37E-07	5.76E-08	5.64	7.2653202	3.62E-02	101183957	101184080	NC_000013.10
cg06066248	4.38E-07	5.77E-08	5.64	7.2635131	9.20E-02	75616272	75616395	NC_000015.9
cg23547017	4.38E-07	5.77E-08	5.64	7.2630851	7.67E-02	177030171	177030294	NC_000002.11
cg06165761	4.39E-07	5.78E-08	5.64	7.2613943	3.13E-02	38118139	38118262	NC_000021.8
cg22533762	4.39E-07	5.78E-08	5.64	7.2606749	3.44E-02	213697049	213697172	NC_000002.11
cg03161037	4.39E-07	5.79E-08	5.64	7.2604303	9.21E-02	46808309	46808432	NC_000017.10
cg13465946	4.39E-07	5.79E-08	5.64	7.2603708	1.03E-01	13208349	13208472	NC_000019.9
cg19689427	4.39E-07	5.79E-08	5.64	7.2599979	1.06E-01	140719008	140719131	NC_000005.9
cg24686236	4.40E-07	5.80E-08	5.64	7.2584742	3.77E-02	14323412	14323535	NC_000005.9
cg24618378	4.41E-07	5.80E-08	5.64	7.2573069	6.17E-02	177614217	177614340	NC_000005.9
cg25703213	4.41E-07	5.81E-08	5.64	7.2568083	4.89E-02	130909656	130909779	NC_000012.11
cg04432319	4.41E-07	5.81E-08	5.64	7.2568009	1.84E-01	13200931	13201054	NC_000020.10
cg26244838	4.41E-07	5.81E-08	5.64	7.2561347	1.19E-01	1110226	1110349	NC_000005.9
cg13775295	4.41E-07	5.81E-08	5.64	7.2559673	7.84E-02	137673894	137674017	NC_000009.11
cg19442201	4.41E-07	5.81E-08	5.64	7.2555989	1.03E-01	40572550	40572673	NC_000015.9
cg07459121	4.41E-07	5.82E-08	5.64	7.2553961	5.55E-02	1092793	1092916	NC_000005.9
cg17332708	4.42E-07	5.82E-08	5.64	7.2547007	2.52E-02	1231840	1231963	NC_000004.11
cg12836313	4.42E-07	5.82E-08	5.64	7.2546436	8.80E-03	156733574	156733697	NC_000007.13
cg04297995	4.42E-07	5.82E-08	5.64	7.2544305	1.10E-01	52023213	52023336	NC_000019.9
cg22889887	4.42E-07	5.83E-08	5.64	7.2537226	7.68E-02	113433931	113434054	NC_000011.9

cg05455279	4.43E-07	5.83E-08	5.64	7.2525191	1.04E-01	97109009	97109132	NC_000003.11
cg10640845	4.43E-07	5.84E-08	5.64	7.2520239	9.08E-02	1775211	1775334	NC_000019.9
cg26749844	4.43E-07	5.84E-08	5.64	7.2517713	3.50E-02	55197872	55197995	NC_000017.10
cg09360501	4.43E-07	5.84E-08	5.64	7.2516088	2.09E-01	22018958	22019081	NC_000019.9
cg10858215	4.43E-07	5.84E-08	5.64	7.2511767	1.32E-01	177004604	177004727	NC_000002.11
cg07872947	4.43E-07	5.84E-08	5.64	7.2506801	1.14E-01	1732172	1732295	NC_000002.11
cg07531268	4.44E-07	5.85E-08	5.64	7.2490101	1.40E-01	19551750	19551873	NC_000002.11
cg20624886	4.44E-07	5.86E-08	5.64	7.2485013	1.25E-01	46275613	46275736	NC_000019.9
cg04396936	4.45E-07	5.86E-08	5.64	7.2479661	8.59E-02	35732577	35732700	NC_000007.13
cg18273840	4.45E-07	5.86E-08	5.64	7.2475776	1.84E-01	45695643	45695766	NC_000005.9
cg11133963	4.45E-07	5.87E-08	5.64	7.2460676	7.11E-02	47297512	47297635	NC_000017.10
cg04138502	4.45E-07	5.87E-08	5.64	7.2459045	1.51E-01	123167522	123167645	NC_000003.11
cg22798468	4.45E-07	5.87E-08	5.64	7.2458688	7.32E-02	225150341	225150464	NC_000001.10
cg23404248	4.46E-07	5.88E-08	5.64	7.2454255	1.21E-01	111533195	111533318	NC_000004.11
cg20902353	4.46E-07	5.88E-08	5.64	7.2453808	7.19E-02	94425114	94425237	NC_000014.8
cg14170668	4.46E-07	5.88E-08	5.64	7.2452291	5.32E-02	19174022	19174145	NC_000013.10
cg18789624	4.46E-07	5.88E-08	5.64	7.2451031	6.74E-02	30516742	30516865	NC_000007.13
cg06989330	4.46E-07	5.88E-08	5.64	7.2445928	1.39E-01	77822135	77822258	NC_000016.9
cg05687370	4.46E-07	5.88E-08	5.64	7.2442289	2.52E-02	113189960	113190083	NC_000004.11
cg05629669	4.46E-07	5.89E-08	5.64	7.2434944	3.60E-02	40340835	40340958	NC_000019.9
cg04419883	4.47E-07	5.89E-08	5.64	7.2429624	8.52E-02	85607562	85607685	NC_000016.9
cg18533386	4.47E-07	5.89E-08	5.64	7.2422383	2.04E-01	181452039	181452162	NC_000001.10
cg16221240	4.47E-07	5.90E-08	5.64	7.2410831	7.62E-02	130970934	130971057	NC_000002.11
cg23413051	4.48E-07	5.90E-08	5.64	7.2409498	7.58E-02	75557265	75557388	NC_000017.10
cg23302558	4.48E-07	5.90E-08	5.64	7.2409411	1.09E-01	182774636	182774759	NC_000002.11

cg23999932	4.48E-07	5.90E-08	5.64	7.2408246	1.16E-01	54976184	54976307	NC_000004.11
cg15856829	4.48E-07	5.90E-08	5.64	7.2405758	1.15E-01	161100672	161100795	NC_000006.11
cg15508809	4.48E-07	5.91E-08	5.64	7.2400948	1.37E-01	29231309	29231432	NC_000014.8
cg11308840	4.48E-07	5.91E-08	5.64	7.2396424	1.14E-01	32783516	32783639	NC_000009.11
cg26537209	4.48E-07	5.91E-08	5.64	7.2392216	1.15E-01	54324187	54324310	NC_000016.9
cg26524547	4.48E-07	5.91E-08	5.64	7.2391815	3.56E-02	201820022	201820145	NC_000001.10
cg04506553	4.48E-07	5.91E-08	5.64	7.2389633	6.00E-02	7724769	7724892	NC_000001.10
cg13016408	4.48E-07	5.91E-08	5.64	7.2389009	1.20E-01	133426298	133426421	NC_000002.11
cg06634914	4.49E-07	5.93E-08	5.64	7.2369958	1.57E-01	30354611	30354734	NC_000012.11
cg21907107	4.49E-07	5.93E-08	5.64	7.2369792	1.18E-01	76932062	76932185	NC_000005.9
cg03143395	4.49E-07	5.93E-08	5.64	7.2367464	1.56E-01	186742050	186742173	NC_000004.11
cg12093443	4.49E-07	5.93E-08	5.64	7.2366207	5.45E-02	113351420	113351543	NC_000008.10
cg11067552	4.50E-07	5.93E-08	5.64	7.2359698	7.90E-02	62343481	62343604	NC_000014.8
cg19499361	4.50E-07	5.93E-08	5.64	7.2355943	1.04E-01	21680220	21680343	NC_000012.11
cg00837308	4.50E-07	5.94E-08	5.64	7.23558	1.17E-01	88473488	88473611	NC_000016.9
cg04645039	4.50E-07	5.94E-08	5.64	7.234548	1.06E-01	36667233	36667356	NC_000017.10
cg03070262	4.50E-07	5.94E-08	5.64	7.2344821	8.94E-02	57484819	57484942	NC_000007.13
cg24395452	4.51E-07	5.95E-08	5.64	7.2335756	7.97E-02	52943197	52943320	NC_000004.11
cg06528267	4.51E-07	5.95E-08	5.64	7.2335509	8.63E-02	49815642	49815765	NC_000007.13
cg05406381	4.51E-07	5.95E-08	5.64	7.2333892	8.36E-02	1503917	1504040	NC_000004.11
cg19863955	4.51E-07	5.95E-08	5.64	7.2323266	3.31E-02	178581108	178581231	NC_000005.9
cg07004265	4.52E-07	5.96E-08	5.64	7.2313653	9.12E-02	87101428	87101551	NC_000003.11
cg25920483	4.52E-07	5.96E-08	5.64	7.231268	1.53E-01	140772457	140772580	NC_000007.13
cg23445859	4.52E-07	5.96E-08	5.64	7.2308919	1.73E-01	122688787	122688910	NC_000012.11
cg27195676	4.52E-07	5.97E-08	5.64	7.2295512	6.84E-02	101943788	101943911	NC_000007.13

cg26606947	4.53E-07	5.98E-08	5.64	7.2287128	8.12E-02	123781602	123781725	NC_000010.10
cg13170600	4.53E-07	5.98E-08	5.64	7.2285266	8.05E-02	21818863	21818986	NC_000001.10
cg20468462	4.53E-07	5.98E-08	5.64	7.2283631	3.88E-02	77645945	77646068	NC_000014.8
cg07527467	4.53E-07	5.98E-08	5.64	7.2282474	1.76E-02	1953811	1953934	NC_000019.9
cg15713729	4.53E-07	5.99E-08	5.64	7.2273828	3.23E-02	32757367	32757490	NC_000001.10
cg08677617	4.54E-07	5.99E-08	5.64	7.2269518	1.56E-01	102484048	102484171	NC_000010.10
cg24391460	4.54E-07	5.99E-08	5.64	7.2267839	1.01E-01	79084166	79084289	NC_000007.13
cg04756853	4.54E-07	5.99E-08	5.64	7.2264922	2.91E-02	38118787	38118910	NC_000017.10
cg18201351	4.54E-07	6.00E-08	5.64	7.2254969	1.50E-01	50575037	50575160	NC_000002.11
cg11973682	4.54E-07	6.00E-08	5.64	7.2252881	1.08E-01	5890633	5890756	NC_000004.11
cg13656404	4.54E-07	6.00E-08	5.64	7.2251484	1.26E-01	106959384	106959507	NC_000002.11
cg09802893	4.54E-07	6.00E-08	5.64	7.2251412	9.55E-02	64350876	64350999	NC_000007.13
cg23949901	4.55E-07	6.01E-08	5.64	7.2241037	4.96E-02	156587958	156588081	NC_000001.10
cg16791424	4.55E-07	6.01E-08	5.64	7.2239112	1.80E-01	27068093	27068216	NC_000014.8
cg16653620	4.55E-07	6.01E-08	5.64	7.223124	1.63E-01	162284135	162284258	NC_000002.11
cg24745738	4.55E-07	6.01E-08	5.64	7.2231161	1.39E-01	78493958	78494081	NC_000013.10
cg14236735	4.55E-07	6.01E-08	5.64	7.2229766	2.02E-01	133536345	133536468	NC_000009.11
cg20116804	4.55E-07	6.02E-08	5.64	7.2225519	1.37E-01	48036212	48036335	NC_000006.11
cg21580421	4.56E-07	6.02E-08	5.64	7.2222153	8.55E-02	112361234	112361357	NC_000003.11
cg16213028	4.56E-07	6.02E-08	5.64	7.2216928	1.31E-01	181861227	181861350	NC_000003.11
cg08578136	4.56E-07	6.02E-08	5.64	7.2213489	1.73E-01	207139443	207139566	NC_000002.11
cg13382516	4.56E-07	6.03E-08	5.64	7.2206259	7.27E-02	52336353	52336476	NC_000010.10
cg22171993	4.57E-07	6.03E-08	5.64	7.2199344	5.28E-02	81818816	81818939	NC_000005.9
cg13418710	4.57E-07	6.03E-08	5.64	7.2194295	7.64E-02	11059050	11059173	NC_000003.11
cg21309351	4.57E-07	6.04E-08	5.64	7.2183533	1.10E-01	138540608	138540731	NC_000006.11

cg22276251	4.58E-07	6.04E-08	5.64	7.2177835	4.33E-02	14543867	14543990	NC_000018.9
cg16316058	4.58E-07	6.05E-08	5.64	7.2174942	1.10E-01	4545334	4545457	NC_000005.9
cg09946870	4.58E-07	6.05E-08	5.64	7.2173774	1.56E-01	142189600	142189723	NC_000008.10
cg24862668	4.58E-07	6.06E-08	5.63	7.2159105	1.53E-01	25703160	25703283	NC_000016.9
cg01657574	4.58E-07	6.06E-08	5.63	7.2157079	1.59E-01	5995150	5995273	NC_000006.11
cg05719164	4.59E-07	6.06E-08	5.63	7.2149337	2.20E-01	180204221	180204344	NC_000001.10
cg13711394	4.59E-07	6.07E-08	5.63	7.2137771	1.48E-01	37004737	37004860	NC_000013.10
cg07138551	4.60E-07	6.07E-08	5.63	7.2133645	1.45E-01	5196738	5196861	NC_000018.9
cg09001143	4.60E-07	6.08E-08	5.63	7.2121234	8.55E-02	9857475	9857598	NC_000016.9
cg16600020	4.60E-07	6.08E-08	5.63	7.2121156	4.22E-02	30210405	30210528	NC_000008.10
cg10803923	4.60E-07	6.09E-08	5.63	7.2112634	3.75E-02	56637310	56637433	NC_000012.11
cg16083711	4.61E-07	6.09E-08	5.63	7.2102256	6.82E-02	14109211	14109334	NC_000012.11
cg04200224	4.61E-07	6.10E-08	5.63	7.2095264	1.23E-01	25652390	25652513	NC_000006.11
cg17052964	4.61E-07	6.10E-08	5.63	7.2093499	6.67E-02	108602510	108602633	NC_000002.11
cg08312083	4.62E-07	6.11E-08	5.63	7.2072605	2.33E-02	114514236	114514359	NC_000002.11
cg08084154	4.62E-07	6.11E-08	5.63	7.2071534	1.13E-01	2848577	2848700	NC_000016.9
cg02412810	4.62E-07	6.11E-08	5.63	7.2068663	1.10E-01	217788	217911	NC_000012.11
cg13074634	4.62E-07	6.11E-08	5.63	7.2068529	5.82E-02	132835199	132835322	NC_000012.11
cg15588215	4.63E-07	6.12E-08	5.63	7.2063337	1.16E-01	27766045	27766168	NC_000003.11
cg15434398	4.63E-07	6.12E-08	5.63	7.2062923	1.05E-01	52285271	52285394	NC_000012.11
cg19153828	4.63E-07	6.12E-08	5.63	7.2061019	9.49E-02	127782651	127782774	NC_000002.11
cg07151748	4.63E-07	6.12E-08	5.63	7.2058524	1.02E-01	95867431	95867554	NC_000015.9
cg01798595	4.63E-07	6.12E-08	5.63	7.2049361	1.74E-01	21664778	21664901	NC_000006.11
cg14876077	4.64E-07	6.13E-08	5.63	7.2042846	9.22E-02	45737873	45737996	NC_000019.9
cg00097357	4.64E-07	6.13E-08	5.63	7.2040031	1.03E-01	33591336	33591459	NC_000012.11



cg27577149	4.64E-07	6.13E-08	5.63	7.2039973	7.57E-02	140712441	140712564	NC_000005.9
cg16793370	4.64E-07	6.13E-08	5.63	7.2033483	4.74E-02	105371541	105371664	NC_000014.8
cg25429719	4.65E-07	6.15E-08	5.63	7.2017218	1.16E-01	208989324	208989447	NC_000002.11
cg07915343	4.65E-07	6.15E-08	5.63	7.2013517	7.02E-02	18477680	18477803	NC_000011.9
cg09602542	4.65E-07	6.15E-08	5.63	7.2011059	4.06E-02	4500249	4500372	NC_000017.10
cg11271526	4.65E-07	6.15E-08	5.63	7.20037	2.99E-02	78155327	78155450	NC_000017.10
cg05591716	4.65E-07	6.15E-08	5.63	7.2002449	1.45E-01	117950454	117950577	NC_000008.10
cg21990144	4.65E-07	6.15E-08	5.63	7.2002165	1.24E-01	201726666	201726789	NC_000002.11
cg07283833	4.65E-07	6.16E-08	5.63	7.1999257	1.55E-01	84563444	84563567	NC_000006.11
cg23553442	4.65E-07	6.16E-08	5.63	7.1998966	1.13E-01	74062096	74062219	NC_000009.11
cg16285566	4.66E-07	6.16E-08	5.63	7.1996447	1.98E-02	33682212	33682335	NC_000013.10
cg00605982	4.66E-07	6.16E-08	5.63	7.1988858	1.38E-01	10857688	10857811	NC_000003.11
cg01857151	4.66E-07	6.17E-08	5.63	7.1982485	1.12E-01	145304100	145304223	NC_000005.9
cg08213098	4.66E-07	6.17E-08	5.63	7.1980254	1.63E-01	35395837	35395960	NC_000001.10
cg06340899	4.66E-07	6.17E-08	5.63	7.1976788	8.07E-02	49018971	49019094	NC_000022.10
cg00752195	4.67E-07	6.18E-08	5.63	7.1969499	1.12E-01	1399516	1399639	NC_000004.11
cg18074184	4.67E-07	6.18E-08	5.63	7.1965707	9.50E-02	48485090	48485213	NC_000004.11
cg11891395	4.67E-07	6.18E-08	5.63	7.1960979	1.59E-01	96652153	96652276	NC_000007.13
cg23346801	4.68E-07	6.19E-08	5.63	7.1947337	6.63E-02	31915104	31915227	NC_000006.11
cg13662569	4.68E-07	6.19E-08	5.63	7.1944981	9.14E-02	186577902	186578025	NC_000004.11
cg14912034	4.68E-07	6.19E-08	5.63	7.1943314	1.01E-01	30918851	30918974	NC_000010.10
cg14207210	4.68E-07	6.19E-08	5.63	7.1940157	8.52E-02	56833195	56833318	NC_000017.10
cg13742956	4.68E-07	6.19E-08	5.63	7.1939967	7.64E-02	2612876	2612999	NC_000011.9
cg20692569	4.69E-07	6.20E-08	5.63	7.1925383	8.17E-02	72848481	72848604	NC_000007.13
cg16078060	4.69E-07	6.21E-08	5.63	7.1915268	4.34E-02	74079719	74079842	NC_000006.11

cg13464401	4.69E-07	6.21E-08	5.63	7.1913778	5.96E-02	44477740	44477863	NC_000021.8
cg10552903	4.69E-07	6.21E-08	5.63	7.1909542	7.35E-02	122458940	122459063	NC_000012.11
cg21663668	4.70E-07	6.22E-08	5.63	7.190626	2.51E-02	69393377	69393500	NC_000002.11
cg24999105	4.70E-07	6.22E-08	5.63	7.1905734	1.25E-01	137106435	137106558	NC_000006.11
cg03633268	4.70E-07	6.23E-08	5.63	7.1890889	1.20E-01	30284255	30284378	NC_000008.10
cg02390561	4.70E-07	6.23E-08	5.63	7.189028	6.68E-02	132846284	132846407	NC_000012.11
cg02461363	4.70E-07	6.23E-08	5.63	7.1884514	1.33E-01	63212496	63212619	NC_000010.10
cg14221936	4.71E-07	6.23E-08	5.63	7.1883955	5.41E-02	14410566	14410689	NC_000021.8
cg16970926	4.71E-07	6.23E-08	5.63	7.1883651	4.13E-02	29381810	29381933	NC_000012.11
cg20543092	4.71E-07	6.23E-08	5.63	7.1880557	2.86E-02	39184217	39184340	NC_000003.11
cg09926747	4.71E-07	6.23E-08	5.63	7.1880508	1.50E-01	110224247	110224370	NC_000004.11
cg14979301	4.71E-07	6.23E-08	5.63	7.1880377	1.80E-01	42994123	42994246	NC_000005.9
cg01568998	4.71E-07	6.23E-08	5.63	7.188001	1.46E-01	68864782	68864905	NC_000008.10
cg17295878	4.71E-07	6.24E-08	5.63	7.1872697	1.69E-01	77924665	77924788	NC_000017.10
cg07185468	4.71E-07	6.24E-08	5.63	7.1871143	6.44E-02	28447896	28448019	NC_000001.10
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cg03802201	4.71E-07	6.24E-08	5.63	7.1864813	4.91E-02	13069409	13069532	NC_000012.11
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cg23409074	4.71E-07	6.24E-08	5.63	7.186337	7.92E-02	67090798	67090921	NC_000008.10
cg03287940	4.71E-07	6.24E-08	5.63	7.1860892	4.77E-02	24537338	24537461	NC_000003.11
cg04926461	4.72E-07	6.25E-08	5.63	7.1858772	7.75E-02	125985088	125985211	NC_000003.11
cg09161519	4.72E-07	6.25E-08	5.63	7.1856252	3.19E-02	2008505	2008628	NC_000016.9
cg02583938	4.72E-07	6.25E-08	5.63	7.1854031	1.19E-01	19748777	19748900	NC_000022.10
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cg00661947	4.72E-07	6.25E-08	5.63	7.1852061	3.69E-02	65939993	65940116	NC_000012.11

cg07989490	4.72E-07	6.25E-08	5.63	7.1847842	3.25E-02	8117026	8117149	NC_000010.10
cg08044694	4.73E-07	6.26E-08	5.63	7.1835784	1.39E-01	15391927	15392050	NC_000019.9
cg17809945	4.73E-07	6.26E-08	5.63	7.1835402	1.08E-01	192712975	192713098	NC_000002.11
cg21483110	4.73E-07	6.27E-08	5.63	7.1828643	1.10E-01	34112288	34112411	NC_000019.9
cg24209874	4.73E-07	6.27E-08	5.63	7.1827488	7.77E-02	132282367	132282490	NC_000012.11
cg08484337	4.73E-07	6.27E-08	5.63	7.1821838	9.69E-02	31590563	31590686	NC_000006.11
cg18207741	4.74E-07	6.28E-08	5.63	7.1812909	1.52E-01	60294120	60294243	NC_000015.9
cg15890143	4.74E-07	6.28E-08	5.63	7.1799584	1.81E-01	77736904	77737027	NC_000014.8
cg04240971	4.74E-07	6.29E-08	5.63	7.1797829	5.45E-02	202031356	202031479	NC_000002.11
cg18405539	4.75E-07	6.29E-08	5.63	7.1790541	1.66E-01	30555908	30556031	NC_000020.10
cg06668300	4.75E-07	6.30E-08	5.63	7.177804	1.41E-01	95691755	95691878	NC_000002.11
cg26467725	4.76E-07	6.30E-08	5.63	7.1768405	2.09E-02	92647041	92647164	NC_000015.9
cg08120023	4.76E-07	6.30E-08	5.63	7.1768312	6.76E-02	116947203	116947326	NC_000001.10
cg17632372	4.76E-07	6.31E-08	5.63	7.1766632	1.30E-01	1280236	1280359	NC_000007.13
cg06473941	4.76E-07	6.31E-08	5.63	7.1766581	9.77E-02	81678907	81679030	NC_000016.9
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cg05170867	4.76E-07	6.31E-08	5.63	7.1757003	7.47E-02	84375634	84375757	NC_000016.9
cg14169163	4.76E-07	6.32E-08	5.63	7.1750755	7.92E-02	20500279	20500402	NC_000015.9
cg21692846	4.77E-07	6.32E-08	5.63	7.1750372	1.87E-01	134146075	134146198	NC_000011.9
cg26571127	4.77E-07	6.32E-08	5.63	7.1742154	1.45E-01	12952280	12952403	NC_000019.9
cg08327532	4.77E-07	6.33E-08	5.63	7.1736509	1.30E-01	50822606	50822729	NC_000010.10
cg04195133	4.77E-07	6.33E-08	5.63	7.1734524	1.01E-01	118384411	118384534	NC_000010.10
cg07452442	4.77E-07	6.33E-08	5.63	7.1732804	2.64E-02	17182186	17182309	NC_000019.9
cg08802652	4.77E-07	6.33E-08	5.63	7.1732694	9.23E-02	39076528	39076651	NC_000006.11
cg16494567	4.77E-07	6.33E-08	5.63	7.1731617	6.92E-02	142200140	142200263	NC_000008.10

cg05593669	4.77E-07	6.33E-08	5.63	7.1730226	8.10E-02	3900743	3900866	NC_000012.11
cg14422315	4.77E-07	6.33E-08	5.63	7.1729901	8.40E-02	99664004	99664127	NC_000010.10
cg19343518	4.77E-07	6.33E-08	5.63	7.1728681	1.46E-01	157508679	157508802	NC_000006.11
cg13750474	4.78E-07	6.34E-08	5.63	7.1714336	1.53E-01	28364188	28364311	NC_000013.10
cg03161803	4.78E-07	6.34E-08	5.63	7.1713992	1.66E-01	27649120	27649243	NC_000006.11
cg08024029	4.78E-07	6.34E-08	5.63	7.1713217	1.10E-01	20669724	20669847	NC_000001.10
cg13034825	4.78E-07	6.34E-08	5.63	7.1713077	4.46E-02	150497588	150497711	NC_000003.11
cg08727218	4.78E-07	6.34E-08	5.63	7.1708733	7.20E-02	87832318	87832441	NC_000006.11
cg01233392	4.78E-07	6.34E-08	5.63	7.1707506	9.61E-02	85665444	85665567	NC_000001.10
cg13621679	4.79E-07	6.35E-08	5.63	7.1698615	1.46E-01	37761692	37761815	NC_000017.10
cg20615117	4.79E-07	6.35E-08	5.63	7.1697967	6.96E-02	121370102	121370225	NC_000011.9
cg08121652	4.80E-07	6.36E-08	5.62	7.1682724	6.17E-02	48381824	48381947	NC_000001.10
cg24630201	4.80E-07	6.36E-08	5.62	7.1682101	1.08E-01	98836104	98836227	NC_000015.9
cg14772599	4.80E-07	6.36E-08	5.62	7.1680896	3.48E-02	14455876	14455999	NC_000003.11
cg02658214	4.80E-07	6.36E-08	5.62	7.1679517	3.36E-02	57327964	57328087	NC_000012.11
cg02960500	4.80E-07	6.37E-08	5.62	7.1669077	1.16E-01	131469924	131470047	NC_000011.9
cg07717429	4.80E-07	6.37E-08	5.62	7.1668047	1.69E-01	18813466	18813589	NC_000011.9
cg23225748	4.80E-07	6.37E-08	5.62	7.1666224	5.74E-02	80062665	80062788	NC_000010.10
cg03354777	4.80E-07	6.37E-08	5.62	7.1665003	8.06E-02	61471904	61472027	NC_000020.10
cg23103993	4.80E-07	6.37E-08	5.62	7.1663887	1.94E-01	10531434	10531557	NC_000019.9
cg26194447	4.80E-07	6.37E-08	5.62	7.1662489	6.06E-02	54900991	54901114	NC_000014.8
cg01798261	4.80E-07	6.37E-08	5.62	7.1662454	1.03E-01	21378495	21378618	NC_000020.10
cg10162971	4.81E-07	6.38E-08	5.62	7.1654616	9.38E-02	10093493	10093616	NC_000002.11
cg01779771	4.81E-07	6.38E-08	5.62	7.1654073	1.68E-01	105235715	105235838	NC_000008.10
cg01195276	4.81E-07	6.38E-08	5.62	7.1650591	1.12E-01	121567477	121567600	NC_000011.9

cg22277994	4.81E-07	6.38E-08	5.62	7.1649395	1.41E-01	71161157	71161280	NC_000017.10
cg13417485	4.81E-07	6.38E-08	5.62	7.1645673	5.01E-02	91494820	91494943	NC_000015.9
cg11949420	4.81E-07	6.38E-08	5.62	7.164521	5.13E-02	32168681	32168804	NC_000006.11
cg19503826	4.81E-07	6.39E-08	5.62	7.163973	1.23E-01	56187810	56187933	NC_000019.9
cg22016731	4.83E-07	6.41E-08	5.62	7.1610959	1.20E-01	40311142	40311265	NC_000001.10
cg08815403	4.83E-07	6.41E-08	5.62	7.1600686	9.52E-02	88244142	88244265	NC_000004.11
cg01618130	4.83E-07	6.42E-08	5.62	7.1597033	1.64E-01	1968576	1968699	NC_000016.9
cg18053030	4.84E-07	6.42E-08	5.62	7.1593805	2.46E-02	47097679	47097802	NC_000006.11
cg05071493	4.84E-07	6.43E-08	5.62	7.1583356	1.54E-02	2844659	2844782	NC_000020.10
cg04883911	4.84E-07	6.43E-08	5.62	7.1578857	1.16E-01	208977452	208977575	NC_000002.11
cg12664209	4.84E-07	6.43E-08	5.62	7.1576967	2.31E-01	13200954	13201077	NC_000020.10
cg14490686	4.85E-07	6.43E-08	5.62	7.1570415	7.52E-02	32975145	32975268	NC_000006.11
cg02899346	4.85E-07	6.44E-08	5.62	7.1563067	2.17E-01	45996372	45996495	NC_000019.9
cg03742003	4.85E-07	6.44E-08	5.62	7.1561624	1.25E-01	20255264	20255387	NC_000004.11
cg26523866	4.85E-07	6.44E-08	5.62	7.1558257	1.16E-01	189722103	189722226	NC_000001.10
cg07164631	4.86E-07	6.45E-08	5.62	7.1546184	7.85E-02	47436584	47436707	NC_000017.10
cg13845147	4.86E-07	6.45E-08	5.62	7.1539957	1.55E-01	8115362	8115485	NC_000019.9
cg04413320	4.87E-07	6.46E-08	5.62	7.1530326	1.48E-01	58208929	58209052	NC_000013.10
cg17457986	4.87E-07	6.46E-08	5.62	7.1525385	1.86E-01	46806056	46806179	NC_000017.10
cg08700032	4.87E-07	6.47E-08	5.62	7.1521457	1.59E-01	28616682	28616805	NC_000003.11
cg07660283	4.87E-07	6.47E-08	5.62	7.1521409	9.19E-02	51223343	51223466	NC_000022.10
cg04757093	4.87E-07	6.47E-08	5.62	7.1516494	8.09E-02	25229192	25229315	NC_000001.10
cg10179911	4.87E-07	6.47E-08	5.62	7.1511831	1.56E-01	154333568	154333691	NC_000002.11
cg13820434	4.87E-07	6.47E-08	5.62	7.1511388	4.97E-02	47828743	47828866	NC_000002.11
cg26354398	4.89E-07	6.49E-08	5.62	7.1485879	3.16E-02	116224036	116224159	NC_000009.11

cg03309232	4.89E-07	6.49E-08	5.62	7.1484749	1.44E-01	216626	216749	NC_000016.9
cg14004271	4.89E-07	6.50E-08	5.62	7.1472518	7.35E-02	115650248	115650371	NC_000009.11
cg17777683	4.90E-07	6.51E-08	5.62	7.1461804	1.12E-01	201986522	201986645	NC_000002.11
cg20169197	4.90E-07	6.51E-08	5.62	7.1454485	9.38E-02	376100	376223	NC_000011.9
cg09291026	4.90E-07	6.51E-08	5.62	7.1454471	4.37E-02	81184965	81185088	NC_000014.8
cg07239897	4.91E-07	6.52E-08	5.62	7.1445499	5.33E-02	134373592	134373715	NC_000011.9
cg05887270	4.91E-07	6.52E-08	5.62	7.1445153	1.07E-01	26129627	26129750	NC_000001.10
cg18244817	4.91E-07	6.52E-08	5.62	7.1439764	1.67E-01	42949610	42949733	NC_000005.9
cg10511618	4.91E-07	6.53E-08	5.62	7.143089	1.50E-01	113436232	113436355	NC_000004.11
cg15055149	4.91E-07	6.53E-08	5.62	7.1428727	6.56E-02	34208209	34208332	NC_000016.9
cg01222732	4.91E-07	6.53E-08	5.62	7.1425874	5.72E-02	582704	582827	NC_000002.11
cg11703759	4.91E-07	6.53E-08	5.62	7.1424964	8.07E-02	31403193	31403316	NC_000001.10
cg17208060	4.92E-07	6.54E-08	5.62	7.1405325	1.17E-01	11680086	11680209	NC_000002.11
cg14273545	4.93E-07	6.55E-08	5.62	7.1394462	7.95E-02	87449508	87449631	NC_000009.11
cg03326762	4.93E-07	6.55E-08	5.62	7.1392378	1.30E-01	75597304	75597427	NC_000001.10
cg09147938	4.93E-07	6.56E-08	5.62	7.1386782	6.06E-02	43418406	43418529	NC_000008.10
cg05530592	4.93E-07	6.56E-08	5.62	7.1382208	7.94E-02	195355260	195355383	NC_000003.11
cg01821923	4.95E-07	6.57E-08	5.62	7.136111	1.41E-01	134914371	134914494	NC_000005.9
cg27279991	4.95E-07	6.58E-08	5.62	7.1355599	1.88E-01	83349722	83349845	NC_000015.9
cg11753356	4.95E-07	6.59E-08	5.62	7.1342747	1.09E-01	230356642	230356765	NC_000001.10
cg08489674	4.96E-07	6.59E-08	5.62	7.1336498	1.35E-01	119609557	119609680	NC_000002.11
cg11222836	4.96E-07	6.59E-08	5.62	7.133194	4.38E-02	142203937	142204060	NC_000008.10
cg24148699	4.96E-07	6.60E-08	5.62	7.1321578	4.27E-02	853202	853325	NC_000005.9
cg14707948	4.96E-07	6.60E-08	5.62	7.132078	6.95E-02	141468900	141469023	NC_000008.10
cg07671949	4.97E-07	6.60E-08	5.62	7.1316798	1.42E-01	152128338	152128461	NC_000006.11

cg15933840	4.97E-07	6.61E-08	5.62	7.131249	4.13E-02	240123850	240123973	NC_000002.11
cg17471467	4.97E-07	6.61E-08	5.62	7.1302657	1.19E-01	44332838	44332961	NC_000011.9
cg11404502	4.98E-07	6.63E-08	5.62	7.1280923	9.17E-02	133376790	133376913	NC_000010.10
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cg11872086	4.99E-07	6.63E-08	5.62	7.1272015	4.59E-02	1709516	1709639	NC_000011.9
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cg27136755	4.99E-07	6.64E-08	5.62	7.1260401	7.73E-02	89603153	89603276	NC_000016.9
cg23575732	4.99E-07	6.64E-08	5.62	7.1258049	8.98E-02	43701083	43701206	NC_000011.9
cg04365452	4.99E-07	6.65E-08	5.62	7.125611	1.24E-01	26690079	26690202	NC_000006.11
cg11648404	5.00E-07	6.66E-08	5.62	7.124108	2.65E-02	68830440	68830563	NC_000011.9
cg13135609	5.00E-07	6.66E-08	5.62	7.1240231	8.45E-02	125123369	125123492	NC_000008.10
cg00281837	5.00E-07	6.66E-08	5.62	7.1235159	8.34E-02	231855218	231855341	NC_000002.11
cg16998906	5.01E-07	6.66E-08	5.62	7.1230893	4.34E-02	68853398	68853521	NC_000011.9
cg13902786	5.01E-07	6.66E-08	5.62	7.1228499	5.78E-02	138447960	138448083	NC_000009.11
cg00347882	5.01E-07	6.66E-08	5.62	7.1227232	3.22E-02	88483312	88483435	NC_000016.9
cg06707978	5.01E-07	6.67E-08	5.62	7.1226618	1.12E-01	58095155	58095278	NC_000019.9
cg02731824	5.01E-07	6.67E-08	5.62	7.1223244	3.91E-02	44695195	44695318	NC_000006.11
cg20909645	5.02E-07	6.68E-08	5.62	7.1211137	1.40E-01	99985049	99985172	NC_000008.10
cg08667600	5.02E-07	6.68E-08	5.62	7.1208956	9.84E-02	29623882	29624005	NC_000003.11
cg25660265	5.02E-07	6.68E-08	5.62	7.1208282	1.03E-01	4785832	4785955	NC_000004.11
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cg24746100	5.02E-07	6.69E-08	5.61	7.1192434	2.18E-01	88751786	88751909	NC_000002.11
cg07231911	5.03E-07	6.70E-08	5.61	7.1176351	9.41E-02	94141047	94141170	NC_000001.10
cg25536014	5.03E-07	6.70E-08	5.61	7.1172041	1.08E-01	5139458	5139581	NC_000005.9

cg22680073	5.04E-07	6.71E-08	5.61	7.1165809	8.44E-02	128162581	128162704	NC_000002.11
cg10899681	5.05E-07	6.72E-08	5.61	7.1149046	1.11E-01	158531647	158531770	NC_000005.9
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cg05700339	5.05E-07	6.73E-08	5.61	7.1133377	1.49E-01	12254566	12254689	NC_000018.9
cg01661350	5.06E-07	6.74E-08	5.61	7.1119195	1.49E-01	70682098	70682221	NC_000013.10
cg21070222	5.06E-07	6.74E-08	5.61	7.1118995	4.65E-02	118963056	118963179	NC_000003.11
cg03163783	5.07E-07	6.75E-08	5.61	7.1108778	1.40E-01	200326591	200326714	NC_000002.11
cg17304712	5.07E-07	6.75E-08	5.61	7.1105389	3.99E-02	1318519	1318642	NC_000005.9
cg21091227	5.07E-07	6.75E-08	5.61	7.1105218	1.43E-01	4454304	4454427	NC_000018.9
cg08215831	5.07E-07	6.75E-08	5.61	7.1103649	7.73E-02	67090776	67090899	NC_000008.10
cg01533965	5.07E-07	6.76E-08	5.61	7.1095149	1.49E-01	1281585	1281708	NC_000007.13
cg02484343	5.07E-07	6.76E-08	5.61	7.109408	8.63E-02	2284734	2284857	NC_000016.9
cg16387593	5.08E-07	6.77E-08	5.61	7.1080036	1.07E-01	54973579	54973702	NC_000016.9
cg06806214	5.08E-07	6.77E-08	5.61	7.1073569	3.36E-02	87392029	87392152	NC_000016.9
cg16025847	5.09E-07	6.78E-08	5.61	7.1058227	1.52E-01	129338484	129338607	NC_000012.11
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cg16321608	5.09E-07	6.79E-08	5.61	7.105092	6.28E-02	106186239	106186362	NC_000014.8
cg25649641	5.10E-07	6.79E-08	5.61	7.104056	9.99E-02	76635357	76635480	NC_000015.9
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cg07376805	5.10E-07	6.80E-08	5.61	7.1029879	1.36E-02	161833149	161833272	NC_000001.10
cg24928433	5.11E-07	6.81E-08	5.61	7.1014497	1.64E-02	1091849	1091972	NC_000005.9
cg14252602	5.11E-07	6.82E-08	5.61	7.1009234	2.00E-01	22018746	22018869	NC_000019.9
cg16799087	5.12E-07	6.82E-08	5.61	7.0997957	7.67E-02	90128361	90128484	NC_000016.9
cg20685897	5.12E-07	6.82E-08	5.61	7.0997753	1.48E-01	207818696	207818819	NC_000001.10



cg26075184	5.12E-07	6.82E-08	5.61	7.0997421	1.39E-01	101281703	101281826	NC_000010.10
cg16295133	5.12E-07	6.82E-08	5.61	7.099712	9.94E-02	124598650	124598773	NC_000010.10
cg11803251	5.12E-07	6.83E-08	5.61	7.0993317	8.17E-02	41659108	41659231	NC_000004.11
cg24750614	5.13E-07	6.84E-08	5.61	7.0977598	1.71E-01	131513608	131513731	NC_000002.11
cg13749070	5.13E-07	6.85E-08	5.61	7.0966742	1.86E-02	99451935	99452058	NC_000015.9
cg03966685	5.14E-07	6.85E-08	5.61	7.0962596	4.38E-02	1024022	1024145	NC_000007.13
cg13376720	5.15E-07	6.86E-08	5.61	7.0943181	3.31E-02	8433230	8433353	NC_000012.11
cg02034887	5.15E-07	6.86E-08	5.61	7.0939899	1.26E-01	121612991	121613114	NC_000003.11
cg05069426	5.15E-07	6.87E-08	5.61	7.0933119	1.76E-01	54393966	54394089	NC_000012.11
cg05927274	5.15E-07	6.87E-08	5.61	7.0931878	9.63E-02	153457181	153457304	NC_000001.10
cg01807026	5.15E-07	6.87E-08	5.61	7.09317	1.09E-01	123475367	123475490	NC_000009.11
cg07027251	5.15E-07	6.87E-08	5.61	7.092936	1.54E-01	111216426	111216549	NC_000010.10
cg23623625	5.15E-07	6.87E-08	5.61	7.0928576	1.26E-01	149968511	149968634	NC_000001.10
cg13778274	5.16E-07	6.88E-08	5.61	7.0917685	1.10E-01	132478358	132478481	NC_000009.11
cg27435498	5.16E-07	6.88E-08	5.61	7.0916084	9.57E-02	150655387	150655510	NC_000007.13
cg12286573	5.16E-07	6.88E-08	5.61	7.0911943	1.19E-01	42734503	42734626	NC_000017.10
cg05557262	5.16E-07	6.89E-08	5.61	7.0908793	6.26E-02	135434988	135435111	NC_000007.13
cg20523466	5.16E-07	6.89E-08	5.61	7.0906255	9.21E-02	98900895	98901018	NC_000008.10
cg16624692	5.17E-07	6.90E-08	5.61	7.0896299	1.64E-01	65601301	65601424	NC_000011.9
cg23188704	5.17E-07	6.90E-08	5.61	7.0895525	1.17E-01	170740905	170741028	NC_000005.9
cg07210123	5.17E-07	6.90E-08	5.61	7.0891044	7.41E-02	44596411	44596534	NC_000013.10
cg10024478	5.17E-07	6.90E-08	5.61	7.0885851	1.06E-01	16243918	16244041	NC_000016.9
cg05365901	5.18E-07	6.91E-08	5.61	7.08794	2.03E-02	114010340	114010463	NC_000002.11
cg23954416	5.18E-07	6.91E-08	5.61	7.0879177	7.37E-02	13909161	13909284	NC_000001.10
cg05353133	5.18E-07	6.92E-08	5.61	7.0868315	7.42E-02	229567914	229568037	NC_000001.10

cg06748978	5.18E-07	6.92E-08	5.61	7.0864236	6.48E-02	25562512	25562635	NC_000002.11
cg21515003	5.19E-07	6.92E-08	5.61	7.0862135	1.07E-01	1049335	1049458	NC_000008.10
cg23191950	5.19E-07	6.92E-08	5.61	7.0861371	1.16E-01	101419074	101419197	NC_000015.9
cg14664759	5.19E-07	6.92E-08	5.61	7.0856067	1.93E-01	196577723	196577846	NC_000001.10
cg09412975	5.19E-07	6.93E-08	5.61	7.0853722	6.73E-02	218892376	218892499	NC_000001.10
cg21037784	5.19E-07	6.93E-08	5.61	7.0844161	7.93E-02	101351511	101351634	NC_000014.8
cg11677744	5.20E-07	6.94E-08	5.61	7.0835392	1.12E-01	235863589	235863712	NC_000002.11
cg05828690	5.20E-07	6.94E-08	5.61	7.0831321	1.89E-01	145752587	145752710	NC_000008.10
cg23831897	5.21E-07	6.95E-08	5.61	7.0819863	3.32E-02	60827363	60827486	NC_000017.10
cg03689324	5.21E-07	6.96E-08	5.61	7.0811133	9.25E-02	74426925	74427048	NC_000015.9
cg02703908	5.21E-07	6.96E-08	5.61	7.08111	7.48E-02	9593701	9593824	NC_000003.11
cg19464917	5.21E-07	6.96E-08	5.61	7.0810933	1.38E-01	76627666	76627789	NC_000015.9
cg09400607	5.21E-07	6.96E-08	5.61	7.0810064	8.64E-02	76641712	76641835	NC_000017.10
cg27316393	5.21E-07	6.96E-08	5.61	7.0809819	1.35E-01	152128675	152128798	NC_000006.11
cg10840361	5.21E-07	6.96E-08	5.61	7.0809278	1.02E-01	106842512	106842635	NC_000007.13
cg19542849	5.21E-07	6.96E-08	5.61	7.0807789	1.03E-01	100217960	100218083	NC_000002.11
cg25641025	5.21E-07	6.96E-08	5.61	7.0799331	4.73E-02	1283106	1283229	NC_000005.9
cg05503307	5.21E-07	6.96E-08	5.61	7.079921	1.79E-02	38146289	38146412	NC_000008.10
cg09222115	5.22E-07	6.97E-08	5.61	7.079713	6.71E-02	241079766	241079889	NC_000002.11
cg09906995	5.22E-07	6.97E-08	5.61	7.0792479	4.21E-02	106215669	106215792	NC_000002.11
cg08825645	5.22E-07	6.97E-08	5.61	7.0791988	1.19E-01	54325319	54325442	NC_000016.9
cg11156672	5.22E-07	6.97E-08	5.61	7.0788809	1.92E-01	8533218	8533341	NC_000017.10
cg14205576	5.22E-07	6.97E-08	5.61	7.0788172	1.22E-02	178482026	178482149	NC_000001.10
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cg13724820	5.22E-07	6.97E-08	5.61	7.0785563	1.07E-01	44104732	44104855	NC_000002.11

cg11755548	5.22E-07	6.97E-08	5.61	7.0785501	1.10E-01	75144040	75144163	NC_000011.9
cg03293206	5.22E-07	6.98E-08	5.61	7.0781467	7.17E-02	46603015	46603138	NC_000016.9
cg04640972	5.22E-07	6.98E-08	5.61	7.0779882	8.15E-02	8373522	8373645	NC_000010.10
cg10972973	5.23E-07	6.98E-08	5.61	7.0772711	1.48E-01	28602745	28602868	NC_000006.11
cg03467555	5.23E-07	6.99E-08	5.61	7.0766326	9.05E-02	54404408	54404531	NC_000016.9
cg24287438	5.23E-07	6.99E-08	5.61	7.0763416	1.52E-01	904878	905001	NC_000018.9
cg24008238	5.23E-07	6.99E-08	5.61	7.0760053	6.36E-02	168366528	168366651	NC_000006.11
cg02338757	5.24E-07	7.00E-08	5.61	7.0752766	9.46E-02	132814117	132814240	NC_000011.9
cg06471296	5.24E-07	7.00E-08	5.61	7.0750183	7.86E-02	150259601	150259724	NC_000006.11
cg16988611	5.24E-07	7.00E-08	5.61	7.0748958	9.23E-02	82224946	82225069	NC_000010.10
cg23494140	5.24E-07	7.00E-08	5.61	7.0744526	1.55E-01	78493671	78493794	NC_000013.10
cg06048556	5.24E-07	7.01E-08	5.61	7.0740721	6.30E-02	29151034	29151157	NC_000016.9
cg10271763	5.24E-07	7.01E-08	5.61	7.0737263	7.08E-02	25068763	25068886	NC_000015.9
cg00982400	5.24E-07	7.01E-08	5.61	7.0736418	6.98E-02	149438095	149438218	NC_000005.9
cg00481951	5.24E-07	7.01E-08	5.61	7.0735654	1.20E-01	187387650	187387773	NC_000003.11
cg02242975	5.25E-07	7.02E-08	5.61	7.0724202	2.32E-02	68624768	68624891	NC_000015.9
cg25705558	5.25E-07	7.02E-08	5.61	7.072403	1.34E-01	74421918	74422041	NC_000015.9
cg16248400	5.25E-07	7.02E-08	5.61	7.0722777	9.04E-02	130904084	130904207	NC_000002.11
cg23770904	5.25E-07	7.02E-08	5.61	7.0722268	1.98E-01	61051561	61051684	NC_000020.10
cg01085224	5.25E-07	7.02E-08	5.61	7.0716918	1.24E-01	5139626	5139749	NC_000005.9
cg21230021	5.25E-07	7.03E-08	5.6	7.0714793	8.81E-02	101530770	101530893	NC_000014.8
cg16535717	5.25E-07	7.03E-08	5.6	7.071429	1.81E-01	97685158	97685281	NC_000014.8
cg11953513	5.26E-07	7.04E-08	5.6	7.0700161	1.90E-02	42618810	42618933	NC_000013.10
cg07238439	5.26E-07	7.04E-08	5.6	7.0697138	1.01E-01	113710369	113710492	NC_000012.11
cg07204163	5.27E-07	7.05E-08	5.6	7.0678847	2.12E-02	53904319	53904442	NC_000001.10

cg23472714	5.28E-07	7.06E-08	5.6	7.0669286	3.57E-02	99912131	99912254	NC_000007.13
cg06127541	5.28E-07	7.06E-08	5.6	7.0668235	1.06E-01	14331601	14331724	NC_000011.9
cg19790509	5.28E-07	7.06E-08	5.6	7.0664192	1.06E-01	130040893	130041016	NC_000012.11
cg22396057	5.28E-07	7.06E-08	5.6	7.0663731	8.88E-02	14925078	14925201	NC_000001.10
cg05069228	5.29E-07	7.07E-08	5.6	7.0648065	1.18E-01	61793623	61793746	NC_000003.11
cg14060111	5.29E-07	7.07E-08	5.6	7.0647005	2.30E-01	13200944	13201067	NC_000020.10
cg08307369	5.29E-07	7.08E-08	5.6	7.0636	1.91E-02	128379382	128379505	NC_000007.13
cg13029423	5.30E-07	7.09E-08	5.6	7.063105	1.19E-01	86549276	86549399	NC_000016.9
cg10143067	5.30E-07	7.09E-08	5.6	7.0630914	1.86E-01	118892423	118892546	NC_000010.10
cg12743398	5.30E-07	7.09E-08	5.6	7.0625467	8.19E-02	28609531	28609654	NC_000016.9
cg12074585	5.30E-07	7.09E-08	5.6	7.0625263	4.87E-02	7280958	7281081	NC_000012.11
cg02739437	5.30E-07	7.10E-08	5.6	7.0617601	7.74E-02	168156813	168156936	NC_000004.11
cg24955824	5.30E-07	7.10E-08	5.6	7.0617098	9.59E-02	3394109	3394232	NC_000005.9
cg27605701	5.31E-07	7.10E-08	5.6	7.0610541	1.14E-01	87030604	87030727	NC_000016.9
cg02494150	5.31E-07	7.10E-08	5.6	7.0609188	3.72E-02	1536455	1536578	NC_000016.9
cg17799601	5.31E-07	7.11E-08	5.6	7.0604033	7.21E-02	27285663	27285786	NC_000001.10
cg17989313	5.32E-07	7.11E-08	5.6	7.0592271	1.04E-01	11866971	11867094	NC_000010.10
cg13470341	5.32E-07	7.12E-08	5.6	7.0580939	1.24E-01	977490	977613	NC_000009.11
cg22476848	5.32E-07	7.12E-08	5.6	7.0579745	1.20E-01	42095441	42095564	NC_000022.10
cg11964314	5.33E-07	7.13E-08	5.6	7.0573688	1.23E-01	44858069	44858192	NC_000012.11
cg20578850	5.33E-07	7.13E-08	5.6	7.0572325	5.65E-02	71721323	71721446	NC_000014.8
cg18771195	5.33E-07	7.13E-08	5.6	7.0569657	7.68E-02	182656	182779	NC_000017.10
cg05358544	5.33E-07	7.13E-08	5.6	7.0569196	8.38E-02	91205136	91205259	NC_000006.11
cg13908833	5.33E-07	7.13E-08	5.6	7.0567098	8.75E-02	168271731	168271854	NC_000005.9
cg15756319	5.33E-07	7.14E-08	5.6	7.0556324	7.46E-02	113296447	113296570	NC_000013.10

cg26034769	5.34E-07	7.15E-08	5.6	7.0549443	9.28E-02	55714670	55714793	NC_000018.9
cg23043937	5.35E-07	7.16E-08	5.6	7.0534006	1.08E-01	59893019	59893142	NC_000013.10
cg06350544	5.36E-07	7.17E-08	5.6	7.0512584	9.62E-02	48833535	48833658	NC_000019.9
cg17656890	5.37E-07	7.19E-08	5.6	7.0493833	9.82E-02	155855572	155855695	NC_000007.13
cg01033654	5.37E-07	7.19E-08	5.6	7.0491411	9.80E-02	2132757	2132880	NC_000005.9
cg04390488	5.37E-07	7.19E-08	5.6	7.0489523	7.09E-02	820321	820444	NC_000010.10
cg27110007	5.37E-07	7.19E-08	5.6	7.0487501	4.04E-02	39668590	39668713	NC_000002.11
cg22737624	5.37E-07	7.19E-08	5.6	7.0486599	1.23E-01	140750111	140750234	NC_000005.9
cg04400145	5.37E-07	7.20E-08	5.6	7.0481999	6.48E-02	1873682	1873805	NC_000020.10
cg17204510	5.37E-07	7.20E-08	5.6	7.0478773	5.90E-02	138955475	138955598	NC_000005.9
cg02008154	5.38E-07	7.20E-08	5.6	7.0474234	1.26E-01	35293537	35293660	NC_000007.13
cg14468658	5.38E-07	7.20E-08	5.6	7.0470258	1.06E-01	140723509	140723632	NC_000005.9
cg01364862	5.38E-07	7.20E-08	5.6	7.0469614	7.92E-02	159364474	159364597	NC_000003.11
cg12665460	5.38E-07	7.21E-08	5.6	7.0463131	1.37E-01	52956657	52956780	NC_000019.9
cg13706315	5.38E-07	7.21E-08	5.6	7.0460405	8.35E-02	134724316	134724439	NC_000009.11
cg20098478	5.38E-07	7.21E-08	5.6	7.0459723	6.90E-02	65515862	65515985	NC_000012.11
cg21513316	5.39E-07	7.22E-08	5.6	7.0452444	7.83E-02	101532296	101532419	NC_000014.8
cg15725584	5.39E-07	7.22E-08	5.6	7.0450392	1.07E-01	43603572	43603695	NC_000011.9
cg11957848	5.40E-07	7.23E-08	5.6	7.0438981	1.01E-01	169575326	169575449	NC_000006.11
cg12962078	5.40E-07	7.23E-08	5.6	7.043831	1.56E-01	119610113	119610236	NC_000002.11
cg02410480	5.40E-07	7.23E-08	5.6	7.0433019	9.46E-02	132819930	132820053	NC_000012.11
cg17530965	5.40E-07	7.24E-08	5.6	7.0425641	1.02E-01	1034427	1034550	NC_000005.9
cg08679971	5.41E-07	7.24E-08	5.6	7.0417931	9.47E-02	38281047	38281170	NC_000019.9
cg03523104	5.41E-07	7.25E-08	5.6	7.0414751	9.37E-02	57399475	57399598	NC_000012.11
cg23709430	5.41E-07	7.25E-08	5.6	7.0408933	5.99E-02	3977501	3977624	NC_000017.10

cg06776823	5.42E-07	7.26E-08	5.6	7.0397261	4.50E-02	107170751	107170874	NC_000012.11
cg10997479	5.42E-07	7.27E-08	5.6	7.0384342	8.93E-02	62362924	62363047	NC_000003.11
cg26986573	5.43E-07	7.27E-08	5.6	7.0378201	4.30E-02	63254499	63254622	NC_000011.9
cg03290752	5.44E-07	7.29E-08	5.6	7.0360992	9.03E-02	176915082	176915205	NC_000003.11
cg20523861	5.44E-07	7.29E-08	5.6	7.0355688	1.31E-01	70682324	70682447	NC_000013.10
cg08182597	5.44E-07	7.29E-08	5.6	7.0349971	1.15E-01	85274772	85274895	NC_000016.9
cg06624036	5.45E-07	7.30E-08	5.6	7.033613	1.37E-01	117257137	117257260	NC_000002.11
cg19119609	5.46E-07	7.32E-08	5.6	7.0319083	1.24E-01	57331394	57331517	NC_000020.10
cg22719623	5.46E-07	7.32E-08	5.6	7.0311522	1.05E-01	154360732	154360855	NC_000006.11
cg19678564	5.47E-07	7.33E-08	5.6	7.0297161	5.38E-02	203115918	203116041	NC_000001.10
cg04194073	5.47E-07	7.34E-08	5.6	7.029476	1.33E-01	50064930	50065053	NC_000022.10
cg26150922	5.47E-07	7.34E-08	5.6	7.0294	1.36E-01	100937072	100937195	NC_000002.11
cg24128853	5.47E-07	7.34E-08	5.6	7.0290504	2.79E-02	142278132	142278255	NC_000008.10
cg13338798	5.47E-07	7.34E-08	5.6	7.0289541	1.34E-01	28557846	28557969	NC_000006.11
cg18181201	5.48E-07	7.35E-08	5.6	7.0281779	1.59E-01	242686709	242686832	NC_000001.10
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cg20377447	5.48E-07	7.35E-08	5.6	7.0277773	8.87E-02	41010217	41010340	NC_000006.11
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cg26839871	5.49E-07	7.36E-08	5.6	7.0259158	1.62E-01	171811299	171811422	NC_000001.10
cg15475576	5.49E-07	7.37E-08	5.6	7.0254833	1.00E-01	99289295	99289418	NC_000012.11
cg19582946	5.49E-07	7.37E-08	5.6	7.024902	3.84E-02	74518078	74518201	NC_000018.9
cg02554345	5.50E-07	7.37E-08	5.6	7.0248148	1.43E-01	50604569	50604692	NC_000010.10
cg23657809	5.50E-07	7.38E-08	5.6	7.0239344	6.62E-02	43847821	43847944	NC_000001.10
cg22616126	5.50E-07	7.38E-08	5.6	7.0239145	5.96E-02	33580416	33580539	NC_000008.10
cg26299084	5.50E-07	7.38E-08	5.6	7.0237538	1.25E-01	81118588	81118711	NC_000004.11

cg13337064	5.50E-07	7.38E-08	5.6	7.0234577	1.20E-01	140625389	140625512	NC_000005.9
cg04473302	5.51E-07	7.39E-08	5.59	7.0221395	1.28E-01	107301217	107301340	NC_000007.13
cg07262457	5.51E-07	7.40E-08	5.59	7.0212158	8.93E-02	128777371	128777494	NC_000003.11
cg10423771	5.52E-07	7.40E-08	5.59	7.0207496	1.24E-01	50604499	50604622	NC_000010.10
cg09417503	5.52E-07	7.40E-08	5.59	7.0203314	5.14E-02	36180082	36180205	NC_000001.10
cg15051226	5.52E-07	7.41E-08	5.59	7.0202916	1.69E-01	28555118	28555241	NC_000006.11
cg08391415	5.52E-07	7.41E-08	5.59	7.0197675	1.52E-01	31835577	31835700	NC_000011.9
cg11345143	5.52E-07	7.41E-08	5.59	7.0196768	4.90E-02	20989349	20989472	NC_000013.10
cg16227623	5.52E-07	7.41E-08	5.59	7.0192991	8.68E-02	3605783	3605906	NC_000005.9
cg07645844	5.53E-07	7.42E-08	5.59	7.018126	1.07E-01	26722635	26722758	NC_000008.10
cg01130056	5.53E-07	7.42E-08	5.59	7.017921	1.26E-01	65528415	65528538	NC_000016.9
cg02983424	5.54E-07	7.43E-08	5.59	7.0169792	1.50E-01	97491433	97491556	NC_000015.9
cg16626314	5.54E-07	7.43E-08	5.59	7.0166516	3.09E-02	30780252	30780375	NC_000016.9
cg20124450	5.54E-07	7.44E-08	5.59	7.0158235	1.93E-01	26108401	26108524	NC_000015.9
cg26950557	5.55E-07	7.45E-08	5.59	7.0141585	1.32E-01	38258441	38258564	NC_000005.9
cg17024542	5.56E-07	7.46E-08	5.59	7.0136241	8.65E-02	142837472	142837595	NC_000003.11
cg01953429	5.56E-07	7.46E-08	5.59	7.0128374	1.65E-02	1367848	1367971	NC_000004.11
cg20268279	5.56E-07	7.47E-08	5.59	7.0119278	2.25E-02	52219923	52220046	NC_000014.8
cg01188592	5.57E-07	7.47E-08	5.59	7.0116208	1.76E-01	982831	982954	NC_000020.10
cg18652721	5.57E-07	7.47E-08	5.59	7.0114108	1.61E-01	2754074	2754197	NC_000005.9
cg03300898	5.57E-07	7.48E-08	5.59	7.0109318	3.99E-02	18538782	18538905	NC_000017.10
cg19893751	5.57E-07	7.48E-08	5.59	7.0103327	1.37E-01	45029285	45029408	NC_000002.11
cg02930239	5.57E-07	7.48E-08	5.59	7.0099926	8.08E-02	138763670	138763793	NC_000003.11
cg02886033	5.58E-07	7.49E-08	5.59	7.0095887	1.16E-01	27208114	27208237	NC_000007.13
cg00860808	5.58E-07	7.49E-08	5.59	7.0087968	1.27E-01	171670500	171670623	NC_000002.11

cg07000290	5.58E-07	7.49E-08	5.59	7.008754	8.90E-02	29796429	29796552	NC_000006.11
cg20792735	5.58E-07	7.50E-08	5.59	7.0080606	1.75E-01	80531483	80531606	NC_000002.11
cg23522601	5.60E-07	7.51E-08	5.59	7.0060086	1.23E-01	132934377	132934500	NC_000011.9
cg20780546	5.60E-07	7.52E-08	5.59	7.0059199	7.56E-02	39507134	39507257	NC_000017.10
cg04748546	5.60E-07	7.52E-08	5.59	7.0058243	7.13E-02	49696260	49696383	NC_000019.9
cg02347859	5.60E-07	7.52E-08	5.59	7.0050052	5.02E-02	3762520	3762643	NC_000020.10
cg03656899	5.60E-07	7.52E-08	5.59	7.0049772	1.12E-01	62996132	62996255	NC_000006.11
cg24066601	5.60E-07	7.53E-08	5.59	7.0045318	7.99E-02	26271455	26271578	NC_000006.11
cg25500028	5.61E-07	7.54E-08	5.59	7.0032287	1.14E-01	187336889	187337012	NC_000003.11
cg25095697	5.61E-07	7.54E-08	5.59	7.0031753	5.61E-02	148930070	148930193	NC_000001.10
cg24886867	5.61E-07	7.54E-08	5.59	7.0031379	1.09E-01	3076190	3076313	NC_000006.11
cg03157795	5.62E-07	7.55E-08	5.59	7.0018563	8.68E-02	134871519	134871642	NC_000010.10
cg23754772	5.62E-07	7.55E-08	5.59	7.0010896	1.55E-01	12253859	12253982	NC_000018.9
cg21760402	5.62E-07	7.56E-08	5.59	7.0007488	1.26E-01	50690590	50690713	NC_000006.11
cg03077077	5.63E-07	7.56E-08	5.59	7.0001069	9.36E-02	122685352	122685475	NC_000004.11
cg00043788	5.63E-07	7.56E-08	5.59	6.9995089	1.41E-01	25062754	25062877	NC_000020.10
cg24764168	5.63E-07	7.57E-08	5.59	6.9992708	1.01E-01	1386142	1386265	NC_000006.11
cg23979631	5.64E-07	7.57E-08	5.59	6.9986732	1.63E-01	27142427	27142550	NC_000007.13
cg25830182	5.64E-07	7.57E-08	5.59	6.9985379	1.69E-01	85417077	85417200	NC_000004.11
cg27250634	5.64E-07	7.58E-08	5.59	6.9971603	1.21E-01	168597617	168597740	NC_000006.11
cg18470839	5.65E-07	7.59E-08	5.59	6.9965429	1.39E-01	114878173	114878296	NC_000012.11
cg17938383	5.65E-07	7.59E-08	5.59	6.9961124	1.02E-01	11146040	11146163	NC_000017.10
cg08341316	5.65E-07	7.59E-08	5.59	6.9960964	1.71E-01	107956955	107957078	NC_000004.11
cg10223531	5.65E-07	7.60E-08	5.59	6.995579	2.93E-02	35317655	35317778	NC_000001.10
cg14451926	5.65E-07	7.60E-08	5.59	6.9951452	1.16E-01	23562918	23563041	NC_000008.10



cg13545212	5.66E-07	7.60E-08	5.59	6.994625	1.62E-01	6617192	6617315	NC_000017.10
cg00652908	5.66E-07	7.60E-08	5.59	6.9944079	9.96E-02	46878164	46878287	NC_000016.9
cg01976303	5.66E-07	7.61E-08	5.59	6.993907	3.26E-02	89393185	89393308	NC_000016.9
cg16101739	5.66E-07	7.61E-08	5.59	6.9935025	1.16E-01	170634330	170634453	NC_000001.10
cg19870370	5.66E-07	7.61E-08	5.59	6.9933073	6.45E-02	21010223	21010346	NC_000013.10
cg03160217	5.67E-07	7.62E-08	5.59	6.9929671	6.00E-02	117814299	117814422	NC_000002.11
cg24980657	5.67E-07	7.62E-08	5.59	6.9922647	9.90E-02	150177277	150177400	NC_000002.11
cg26266786	5.67E-07	7.62E-08	5.59	6.9918595	2.84E-02	101842686	101842809	NC_000003.11
cg26662049	5.67E-07	7.63E-08	5.59	6.9917475	1.05E-01	89903672	89903795	NC_000015.9
cg19526659	5.67E-07	7.63E-08	5.59	6.9915579	1.18E-01	57154862	57154985	NC_000019.9
cg00677407	5.68E-07	7.63E-08	5.59	6.9907924	5.91E-02	33964200	33964323	NC_000016.9
cg09191327	5.68E-07	7.63E-08	5.59	6.9905676	1.77E-01	133540108	133540231	NC_000009.11
cg16391792	5.68E-07	7.64E-08	5.59	6.9900035	9.11E-02	58723657	58723780	NC_000015.9
cg06460013	5.70E-07	7.66E-08	5.59	6.9870713	8.74E-02	775648	775771	NC_000016.9
cg10664784	5.70E-07	7.67E-08	5.59	6.9859767	4.95E-02	4075258	4075381	NC_000017.10
cg05505745	5.71E-07	7.68E-08	5.59	6.9849874	1.27E-01	74422330	74422453	NC_000015.9
cg22488719	5.71E-07	7.68E-08	5.59	6.9845196	1.08E-01	107601033	107601156	NC_000003.11
cg14095959	5.71E-07	7.68E-08	5.59	6.9844362	1.21E-01	77723415	77723538	NC_000004.11
cg20011562	5.72E-07	7.69E-08	5.59	6.9837224	1.21E-01	12749352	12749475	NC_000006.11
cg24970558	5.72E-07	7.69E-08	5.59	6.9831035	1.04E-01	67925129	67925252	NC_000014.8
cg08642198	5.72E-07	7.69E-08	5.59	6.983097	8.93E-02	2419444	2419567	NC_000008.10
cg00820637	5.72E-07	7.70E-08	5.59	6.9825279	9.50E-02	51955005	51955128	NC_000014.8
cg03218797	5.72E-07	7.70E-08	5.59	6.9825108	1.62E-01	54399468	54399591	NC_000012.11
cg08567644	5.72E-07	7.70E-08	5.59	6.9823847	1.32E-01	49925720	49925843	NC_000019.9
cg18420599	5.73E-07	7.71E-08	5.59	6.9811867	1.40E-01	32173206	32173329	NC_000018.9

cg07816687	5.73E-07	7.71E-08	5.59	6.9808854	1.18E-01	67197186	67197309	NC_000016.9
cg04491871	5.73E-07	7.71E-08	5.59	6.9804574	2.95E-02	27843571	27843694	NC_000006.11
cg09135656	5.74E-07	7.72E-08	5.59	6.9797209	9.94E-02	140625848	140625971	NC_000005.9
cg23374892	5.74E-07	7.72E-08	5.59	6.9795727	8.09E-02	51165845	51165968	NC_000019.9
cg18469436	5.75E-07	7.73E-08	5.59	6.9784155	1.24E-01	87652828	87652951	NC_000014.8
cg13488395	5.75E-07	7.74E-08	5.59	6.9776617	1.74E-01	132312702	132312825	NC_000012.11
cg01850798	5.75E-07	7.74E-08	5.59	6.9776548	4.12E-02	77341251	77341374	NC_000004.11
cg02892388	5.75E-07	7.74E-08	5.59	6.9772617	1.16E-01	155260310	155260433	NC_000007.13
cg15928538	5.75E-07	7.74E-08	5.59	6.9772222	1.55E-01	140773578	140773701	NC_000007.13
cg26091965	5.75E-07	7.74E-08	5.59	6.9771258	3.49E-02	66022069	66022192	NC_000007.13
cg25683336	5.75E-07	7.74E-08	5.59	6.976772	4.68E-02	30950305	30950428	NC_000010.10
cg04141610	5.77E-07	7.76E-08	5.58	6.9748152	1.21E-02	558976	559099	NC_000007.13
cg18559568	5.77E-07	7.76E-08	5.58	6.9747279	7.39E-02	43441670	43441793	NC_000021.8
cg26533311	5.77E-07	7.76E-08	5.58	6.9742343	1.25E-01	27206911	27207034	NC_000006.11
cg10799668	5.77E-07	7.77E-08	5.58	6.9740481	1.30E-01	131631816	131631939	NC_000010.10
cg01855313	5.77E-07	7.77E-08	5.58	6.9734351	1.49E-01	120628291	120628414	NC_000003.11
cg02001956	5.77E-07	7.77E-08	5.58	6.9733673	5.04E-02	32017261	32017384	NC_000006.11
cg18846889	5.77E-07	7.77E-08	5.58	6.9733581	1.09E-01	100032685	100032808	NC_000014.8
cg17204562	5.77E-07	7.77E-08	5.58	6.9730982	5.90E-02	48568916	48569039	NC_000020.10
cg15271026	5.78E-07	7.78E-08	5.58	6.9726496	9.13E-02	37494173	37494296	NC_000022.10
cg16911872	5.78E-07	7.78E-08	5.58	6.9721976	8.72E-02	152591175	152591298	NC_000007.13
cg11005826	5.79E-07	7.79E-08	5.58	6.970508	1.16E-01	2165961	2166084	NC_000011.9
cg24045590	5.79E-07	7.79E-08	5.58	6.9704678	6.07E-02	2716877	2717000	NC_000001.10
cg12176249	5.79E-07	7.79E-08	5.58	6.970407	1.04E-01	102441217	102441340	NC_000010.10
cg22299741	5.79E-07	7.80E-08	5.58	6.9703254	1.49E-01	101000164	101000287	NC_000011.9

cg09861240	5.79E-07	7.80E-08	5.58	6.9700682	5.52E-02	38038956	38039079	NC_000022.10
cg25819103	5.80E-07	7.80E-08	5.58	6.9692979	2.37E-02	63906050	63906173	NC_000011.9
cg18462381	5.80E-07	7.80E-08	5.58	6.9691642	1.05E-01	129536718	129536841	NC_000010.10
cg00547425	5.80E-07	7.81E-08	5.58	6.9690377	1.10E-01	31829960	31830083	NC_000006.11
cg05007495	5.80E-07	7.81E-08	5.58	6.9680847	6.94E-02	227949789	227949912	NC_000001.10
cg21704448	5.80E-07	7.81E-08	5.58	6.9680536	4.58E-02	132410188	132410311	NC_000006.11
cg20090970	5.81E-07	7.82E-08	5.58	6.9666764	3.54E-02	119044523	119044646	NC_000003.11
cg05020257	5.81E-07	7.83E-08	5.58	6.9664814	4.29E-02	151124112	151124235	NC_000005.9
cg23151706	5.81E-07	7.83E-08	5.58	6.9659941	2.62E-02	69931353	69931476	NC_000011.9
cg23377607	5.82E-07	7.83E-08	5.58	6.965577	8.27E-02	39728362	39728485	NC_000017.10
cg07354556	5.82E-07	7.84E-08	5.58	6.9649055	3.93E-02	56502529	56502652	NC_000004.11
cg06466900	5.82E-07	7.84E-08	5.58	6.9648329	3.54E-02	114763268	114763391	NC_000013.10
cg14475913	5.82E-07	7.84E-08	5.58	6.9646211	3.71E-02	144946557	144946680	NC_000008.10
cg01247987	5.82E-07	7.84E-08	5.58	6.9641789	8.61E-02	130230059	130230182	NC_000010.10
cg05310764	5.82E-07	7.85E-08	5.58	6.9640902	1.73E-01	27513479	27513602	NC_000006.11
cg15011409	5.84E-07	7.87E-08	5.58	6.9614441	1.01E-01	10405226	10405349	NC_000019.9
cg15000379	5.85E-07	7.88E-08	5.58	6.9597083	1.46E-01	42733662	42733785	NC_000017.10
cg15011775	5.86E-07	7.89E-08	5.58	6.9582131	6.68E-02	25482937	25483060	NC_000003.11
cg09348732	5.86E-07	7.90E-08	5.58	6.957308	6.03E-02	12354838	12354961	NC_000016.9
cg25942990	5.87E-07	7.90E-08	5.58	6.9569012	1.47E-01	177014996	177015119	NC_000002.11
cg16006626	5.87E-07	7.91E-08	5.58	6.9566746	2.48E-02	68849960	68850083	NC_000011.9
cg13962664	5.87E-07	7.91E-08	5.58	6.9566485	9.49E-02	110225900	110226023	NC_000010.10
cg16021217	5.87E-07	7.92E-08	5.58	6.9552965	1.16E-01	25197710	25197833	NC_000003.11
cg24535439	5.88E-07	7.92E-08	5.58	6.95431	1.32E-01	1566351	1566474	NC_000001.10
cg03840647	5.88E-07	7.93E-08	5.58	6.9540417	1.34E-01	36974968	36975091	NC_000014.8

cg15450981	5.89E-07	7.94E-08	5.58	6.9523905	5.39E-02	57594308	57594431	NC_000004.11
cg19143209	5.90E-07	7.96E-08	5.58	6.9503451	1.14E-01	19789287	19789410	NC_000009.11
cg15065049	5.91E-07	7.96E-08	5.58	6.949703	1.05E-01	46629018	46629141	NC_000017.10
cg10483525	5.91E-07	7.96E-08	5.58	6.9495995	1.09E-01	73080909	73081032	NC_000016.9
cg17820229	5.91E-07	7.97E-08	5.58	6.9491221	1.15E-01	45220102	45220225	NC_000003.11
cg23227697	5.91E-07	7.97E-08	5.58	6.9482121	6.00E-02	27531633	27531756	NC_000001.10
cg26690648	5.92E-07	7.98E-08	5.58	6.9478791	1.21E-01	38549214	38549337	NC_000005.9
cg27287593	5.92E-07	7.98E-08	5.58	6.9477953	8.05E-02	139894898	139895021	NC_000004.11
cg09344986	5.92E-07	7.98E-08	5.58	6.9474884	1.65E-01	140774104	140774227	NC_000007.13
cg07208161	5.92E-07	7.99E-08	5.58	6.946778	9.79E-02	26698209	26698332	NC_000006.11
cg05705496	5.93E-07	8.00E-08	5.58	6.9455389	6.80E-02	45666671	45666794	NC_000021.8
cg14953590	5.93E-07	8.00E-08	5.58	6.9452676	1.24E-01	117586666	117586789	NC_000006.11
cg22353369	5.94E-07	8.00E-08	5.58	6.944537	2.42E-02	128972450	128972573	NC_000008.10
cg21336594	5.94E-07	8.01E-08	5.58	6.9444818	1.43E-01	79057742	79057865	NC_000004.11
cg22268510	5.94E-07	8.01E-08	5.58	6.9437519	1.25E-01	32118420	32118543	NC_000006.11
cg21771915	5.94E-07	8.01E-08	5.58	6.9436133	3.45E-02	28101336	28101459	NC_000007.13
cg20361427	5.95E-07	8.02E-08	5.58	6.9427188	9.51E-02	7610535	7610658	NC_000007.13
cg19638435	5.95E-07	8.02E-08	5.58	6.9423244	1.01E-01	28452093	28452216	NC_000007.13
cg20161965	5.95E-07	8.02E-08	5.58	6.9421825	1.52E-01	27171401	27171524	NC_000007.13
cg20317123	5.95E-07	8.03E-08	5.58	6.9419859	1.22E-01	134214026	134214149	NC_000006.11
cg22113930	5.95E-07	8.03E-08	5.58	6.9416057	2.12E-01	26108410	26108533	NC_000015.9
cg10599900	5.95E-07	8.03E-08	5.58	6.9413268	2.13E-01	30063036	30063159	NC_000020.10
cg12467933	5.96E-07	8.04E-08	5.58	6.9402816	9.96E-02	72353536	72353659	NC_000017.10
cg00992298	5.97E-07	8.05E-08	5.58	6.9389959	4.93E-02	49615438	49615561	NC_000019.9
cg19088984	5.97E-07	8.05E-08	5.58	6.9385321	1.40E-01	100239319	100239442	NC_000005.9

cg07143479	5.98E-07	8.06E-08	5.58	6.9373028	4.96E-02	12402127	12402250	NC_000011.9
cg24293898	5.98E-07	8.06E-08	5.58	6.9372658	4.35E-02	145520163	145520286	NC_000001.10
cg04457481	5.98E-07	8.07E-08	5.58	6.936464	8.71E-02	57426835	57426958	NC_000020.10
cg10880973	5.99E-07	8.08E-08	5.58	6.93545	8.53E-02	157982213	157982336	NC_000006.11
cg22758104	5.99E-07	8.08E-08	5.58	6.9349859	1.20E-01	50465	50588	NC_000017.10
cg15126050	6.00E-07	8.09E-08	5.58	6.933813	4.19E-02	71441596	71441719	NC_000005.9
cg00838898	6.00E-07	8.10E-08	5.58	6.9334319	1.19E-01	49309445	49309568	NC_000016.9
cg11936639	6.00E-07	8.10E-08	5.58	6.9333024	6.18E-02	32944495	32944618	NC_000006.11
cg03628820	6.00E-07	8.10E-08	5.58	6.9332397	4.52E-02	11607557	11607680	NC_000008.10
cg08221350	6.00E-07	8.10E-08	5.58	6.9332305	9.10E-02	134983838	134983961	NC_000010.10
cg25610294	6.00E-07	8.10E-08	5.58	6.9326669	6.48E-02	24777910	24778033	NC_000014.8
cg22584645	6.00E-07	8.10E-08	5.58	6.9324983	5.30E-02	109783620	109783743	NC_000013.10
cg05163496	6.01E-07	8.11E-08	5.58	6.9315844	1.79E-01	87018104	87018227	NC_000002.11
cg13878010	6.01E-07	8.11E-08	5.58	6.9313891	1.88E-01	123167276	123167399	NC_000003.11
cg03168108	6.01E-07	8.11E-08	5.58	6.9312719	1.88E-01	51259697	51259820	NC_000002.11
cg14776962	6.01E-07	8.12E-08	5.58	6.9306615	2.25E-01	26251899	26252022	NC_000006.11
cg16589135	6.01E-07	8.12E-08	5.58	6.9306303	1.18E-01	44063404	44063527	NC_000003.11
cg04321224	6.02E-07	8.12E-08	5.58	6.9304255	8.42E-02	46341380	46341503	NC_000021.8
cg16178491	6.02E-07	8.12E-08	5.58	6.9301832	1.03E-01	101603996	101604119	NC_000012.11
cg15358723	6.02E-07	8.13E-08	5.58	6.9295844	1.21E-01	245750662	245750785	NC_000001.10
cg00058879	6.02E-07	8.13E-08	5.58	6.9295503	1.20E-01	40082173	40082296	NC_000022.10
cg20676317	6.02E-07	8.13E-08	5.58	6.9294998	3.93E-02	135080434	135080557	NC_000010.10
cg04871538	6.02E-07	8.14E-08	5.58	6.9287408	8.42E-02	73348009	73348132	NC_000015.9
cg02562419	6.03E-07	8.14E-08	5.58	6.9280701	4.96E-02	159049626	159049749	NC_000006.11
cg21648941	6.03E-07	8.15E-08	5.58	6.9270941	8.76E-02	34261436	34261559	NC_000012.11

cg10557253	6.04E-07	8.15E-08	5.58	6.9268965	1.29E-01	94543947	94544070	NC_000012.11
cg04685570	6.04E-07	8.15E-08	5.58	6.9268508	1.07E-01	114841202	114841325	NC_000012.11
cg03600823	6.04E-07	8.15E-08	5.57	6.9265193	8.99E-02	33170177	33170300	NC_000006.11
cg05957169	6.04E-07	8.16E-08	5.57	6.9261465	1.36E-01	72388187	72388310	NC_000011.9
cg17475304	6.04E-07	8.16E-08	5.57	6.9260902	8.14E-02	176512896	176513019	NC_000005.9
cg21104351	6.04E-07	8.16E-08	5.57	6.9260507	6.28E-02	134152202	134152325	NC_000011.9
cg04548926	6.04E-07	8.16E-08	5.57	6.9259777	7.25E-02	2219053	2219176	NC_000011.9
cg27537321	6.04E-07	8.16E-08	5.57	6.9253034	6.25E-02	134066989	134067112	NC_000003.11
cg01132150	6.05E-07	8.17E-08	5.57	6.9248851	1.39E-01	131782489	131782612	NC_000005.9
cg06948885	6.06E-07	8.18E-08	5.57	6.9231344	5.49E-02	81980218	81980341	NC_000014.8
cg05846633	6.06E-07	8.20E-08	5.57	6.9216562	1.03E-01	69934109	69934232	NC_000011.9
cg02591199	6.07E-07	8.20E-08	5.57	6.921461	8.99E-03	113066609	113066732	NC_000004.11
cg19949853	6.07E-07	8.21E-08	5.57	6.9204124	8.26E-02	49150845	49150968	NC_000022.10
cg03313088	6.07E-07	8.21E-08	5.57	6.9202318	7.51E-02	57472367	57472490	NC_000007.13
cg27403406	6.07E-07	8.21E-08	5.57	6.9201747	1.26E-01	48325721	48325844	NC_000020.10
cg24452260	6.07E-07	8.21E-08	5.57	6.9199545	1.45E-01	158143538	158143661	NC_000004.11
cg15965006	6.08E-07	8.21E-08	5.57	6.9198263	1.09E-01	31938777	31938900	NC_000006.11
cg09909740	6.08E-07	8.22E-08	5.57	6.9192692	9.85E-02	56225464	56225587	NC_000014.8
cg18557185	6.08E-07	8.22E-08	5.57	6.919238	1.04E-01	27128169	27128292	NC_000007.13
cg20251943	6.09E-07	8.23E-08	5.57	6.9176792	7.80E-02	407721	407844	NC_000010.10
cg06801994	6.09E-07	8.23E-08	5.57	6.917454	2.34E-02	113834082	113834205	NC_000013.10
cg02150135	6.09E-07	8.23E-08	5.57	6.9169973	1.15E-01	27279917	27280040	NC_000006.11
cg14321245	6.10E-07	8.24E-08	5.57	6.9164548	8.08E-02	34314768	34314891	NC_000017.10
cg22500555	6.10E-07	8.24E-08	5.57	6.9164532	1.22E-01	159756996	159757119	NC_000003.11
cg25315235	6.10E-07	8.24E-08	5.57	6.9160103	2.24E-02	47070765	47070888	NC_000001.10

cg21621248	6.10E-07	8.25E-08	5.57	6.9155342	1.49E-01	80531842	80531965	NC_000002.11
cg07340580	6.11E-07	8.26E-08	5.57	6.9134959	1.30E-01	107301288	107301411	NC_000007.13
cg06590074	6.11E-07	8.27E-08	5.57	6.9133839	7.35E-02	691211	691334	NC_000020.10
cg08350126	6.11E-07	8.27E-08	5.57	6.9133373	5.00E-02	6463476	6463599	NC_000011.9
cg19512268	6.11E-07	8.27E-08	5.57	6.9133202	1.69E-01	146348901	146349024	NC_000006.11
cg12497914	6.12E-07	8.27E-08	5.57	6.9126933	1.43E-01	2674285	2674408	NC_000020.10
cg11359133	6.12E-07	8.27E-08	5.57	6.9124576	1.53E-01	176948699	176948822	NC_000002.11
cg27585287	6.12E-07	8.28E-08	5.57	6.9119592	5.56E-02	37963407	37963530	NC_000022.10
cg01834210	6.12E-07	8.28E-08	5.57	6.9116635	1.46E-01	153858967	153859090	NC_000005.9
cg27625748	6.13E-07	8.28E-08	5.57	6.9111396	5.06E-02	216783471	216783594	NC_000002.11
cg18753296	6.13E-07	8.29E-08	5.57	6.9103502	3.86E-02	31630923	31631046	NC_000006.11
cg15274983	6.13E-07	8.29E-08	5.57	6.9099298	2.19E-02	35492108	35492231	NC_000020.10
cg26111518	6.14E-07	8.30E-08	5.57	6.909322	4.75E-02	40345445	40345568	NC_000017.10
cg00444884	6.14E-07	8.30E-08	5.57	6.9092576	1.33E-01	48886784	48886907	NC_000022.10
cg19034028	6.14E-07	8.31E-08	5.57	6.9085553	3.37E-02	68677364	68677487	NC_000016.9
cg27453745	6.14E-07	8.31E-08	5.57	6.9083253	1.39E-01	86546938	86547061	NC_000016.9
cg21281009	6.14E-07	8.31E-08	5.57	6.9083048	1.56E-01	14748298	14748421	NC_000018.9
cg03226752	6.14E-07	8.31E-08	5.57	6.9083	7.16E-02	1835533	1835656	NC_000016.9
cg14826456	6.14E-07	8.31E-08	5.57	6.907937	1.02E-01	115804095	115804218	NC_000010.10
cg19934709	6.15E-07	8.31E-08	5.57	6.9076331	2.38E-02	24115027	24115150	NC_000022.10
cg02770887	6.15E-07	8.32E-08	5.57	6.9068486	4.63E-02	122924025	122924148	NC_000003.11
cg23068499	6.15E-07	8.32E-08	5.57	6.9064548	1.22E-01	176986026	176986149	NC_000002.11
cg19642421	6.16E-07	8.33E-08	5.57	6.9059505	1.12E-01	131438737	131438860	NC_000012.11
cg13549845	6.16E-07	8.33E-08	5.57	6.9059196	1.51E-01	93225960	93226083	NC_000004.11
cg08917174	6.16E-07	8.34E-08	5.57	6.9051091	1.28E-01	217236650	217236773	NC_000002.11

cg15439369	6.17E-07	8.35E-08	5.57	6.9032943	6.19E-02	130604743	130604866	NC_000012.11
cg10479672	6.17E-07	8.35E-08	5.57	6.9032893	7.59E-02	113810641	113810764	NC_000002.11
cg23463144	6.17E-07	8.35E-08	5.57	6.9031778	1.45E-01	44650153	44650276	NC_000020.10
cg09408098	6.18E-07	8.36E-08	5.57	6.9021527	1.28E-01	170631331	170631454	NC_000001.10
cg25608871	6.18E-07	8.37E-08	5.57	6.9013439	1.36E-02	79298384	79298507	NC_000015.9
cg11680908	6.18E-07	8.37E-08	5.57	6.9012098	1.23E-01	68042226	68042349	NC_000005.9
cg02531794	6.19E-07	8.38E-08	5.57	6.9005527	6.04E-02	76039208	76039331	NC_000007.13
cg13398346	6.19E-07	8.38E-08	5.57	6.9005314	4.96E-02	68973272	68973395	NC_000011.9
cg27128941	6.19E-07	8.38E-08	5.57	6.9005285	7.23E-02	177592922	177593045	NC_000005.9
cg12929487	6.19E-07	8.38E-08	5.57	6.8994255	1.53E-01	41869175	41869298	NC_000004.11
cg14687118	6.20E-07	8.39E-08	5.57	6.8991672	1.18E-01	126205766	126205889	NC_000010.10
cg11490805	6.20E-07	8.39E-08	5.57	6.8989703	1.20E-01	3226466	3226589	NC_000005.9
cg08808258	6.20E-07	8.39E-08	5.57	6.8989595	6.76E-02	24671137	24671260	NC_000022.10
cg04328219	6.20E-07	8.40E-08	5.57	6.8977611	2.73E-02	6263432	6263555	NC_000010.10
cg15592324	6.20E-07	8.40E-08	5.57	6.8975993	1.08E-01	23810740	23810863	NC_000018.9
cg07635747	6.21E-07	8.41E-08	5.57	6.8968081	1.62E-01	25755942	25756065	NC_000018.9
cg21140633	6.21E-07	8.41E-08	5.57	6.8963413	5.67E-02	15600659	15600782	NC_000017.10
cg16986315	6.21E-07	8.41E-08	5.57	6.8962733	7.95E-02	19181291	19181414	NC_000001.10
cg03411507	6.22E-07	8.42E-08	5.57	6.8956364	9.08E-02	101454317	101454440	NC_000011.9
cg24969187	6.22E-07	8.42E-08	5.57	6.8956135	7.47E-02	132870448	132870571	NC_000012.11
cg15983005	6.22E-07	8.42E-08	5.57	6.8952196	6.93E-02	39506938	39507061	NC_000017.10
cg07259974	6.22E-07	8.42E-08	5.57	6.895208	5.28E-02	88854249	88854372	NC_000006.11
cg09677268	6.22E-07	8.42E-08	5.57	6.894918	5.49E-02	58556044	58556167	NC_000019.9
cg01448711	6.23E-07	8.43E-08	5.57	6.8937877	3.61E-02	120741565	120741688	NC_000012.11
cg25590492	6.23E-07	8.44E-08	5.57	6.8933414	1.31E-01	147129952	147130075	NC_000003.11



cg03729566	6.23E-07	8.44E-08	5.57	6.8933008	2.32E-02	1059678	1059801	NC_000007.13
cg02285922	6.23E-07	8.44E-08	5.57	6.8930853	1.41E-01	119799862	119799985	NC_000005.9
cg07775371	6.23E-07	8.44E-08	5.57	6.8926996	7.66E-02	1922155	1922278	NC_000016.9
cg08729686	6.23E-07	8.45E-08	5.57	6.8924397	1.62E-01	99194624	99194747	NC_000015.9
cg09327378	6.24E-07	8.45E-08	5.57	6.8923722	6.64E-02	32437574	32437697	NC_000022.10
cg03489382	6.24E-07	8.45E-08	5.57	6.8922692	9.08E-02	128432457	128432580	NC_000007.13
cg23049291	6.24E-07	8.46E-08	5.57	6.8910948	1.23E-01	165204745	165204868	NC_000001.10
cg21194807	6.24E-07	8.46E-08	5.57	6.8909885	5.57E-02	116856710	116856833	NC_000009.11
cg24945657	6.25E-07	8.47E-08	5.57	6.8899785	1.11E-01	43044484	43044607	NC_000017.10
cg05351827	6.25E-07	8.47E-08	5.57	6.8894556	8.96E-02	220313600	220313723	NC_000002.11
cg06938356	6.25E-07	8.48E-08	5.57	6.8889724	4.92E-02	177987724	177987847	NC_000005.9
cg15584445	6.26E-07	8.48E-08	5.57	6.8886919	1.14E-01	130527046	130527169	NC_000012.11
cg19874421	6.26E-07	8.48E-08	5.57	6.888394	8.01E-02	72203901	72204024	NC_000004.11
cg08105378	6.26E-07	8.49E-08	5.57	6.887619	4.15E-02	19040175	19040298	NC_000019.9
cg17054386	6.27E-07	8.49E-08	5.57	6.8872089	8.44E-02	219855054	219855177	NC_000002.11
cg25662926	6.27E-07	8.50E-08	5.57	6.8866991	1.22E-01	77595359	77595482	NC_000008.10
cg17930194	6.28E-07	8.52E-08	5.57	6.8842891	1.13E-01	124982834	124982957	NC_000009.11
cg25515941	6.28E-07	8.52E-08	5.57	6.8840954	4.35E-02	46871708	46871831	NC_000017.10
cg13651483	6.29E-07	8.52E-08	5.57	6.8837051	9.64E-02	48566587	48566710	NC_000019.9
cg12718339	6.29E-07	8.53E-08	5.57	6.8829207	1.21E-01	29936407	29936530	NC_000012.11
cg00911351	6.29E-07	8.53E-08	5.57	6.8822411	1.06E-01	140767255	140767378	NC_000005.9
cg04617936	6.30E-07	8.54E-08	5.57	6.8819413	6.50E-02	214353	214476	NC_000002.11
cg25823085	6.30E-07	8.54E-08	5.57	6.8818705	7.55E-02	87105416	87105539	NC_000007.13
cg08018585	6.31E-07	8.55E-08	5.57	6.8804827	1.68E-01	46425866	46425989	NC_000013.10
cg20628734	6.31E-07	8.56E-08	5.57	6.8796653	9.11E-02	102289844	102289967	NC_000008.10

cg21338532	6.31E-07	8.56E-08	5.57	6.8792869	1.92E-01	154335348	154335471	NC_000002.11
cg20893919	6.32E-07	8.57E-08	5.56	6.8784125	7.85E-02	122854168	122854291	NC_000004.11
cg07435350	6.32E-07	8.57E-08	5.56	6.8782646	3.90E-02	14539217	14539340	NC_000011.9
cg10601171	6.33E-07	8.58E-08	5.56	6.8771896	5.09E-02	61290162	61290285	NC_000020.10
cg15346842	6.33E-07	8.58E-08	5.56	6.8766393	1.34E-01	59477066	59477189	NC_000002.11
cg04617755	6.33E-07	8.59E-08	5.56	6.8764573	1.62E-01	115919366	115919489	NC_000002.11
cg23166781	6.33E-07	8.59E-08	5.56	6.8761825	7.48E-02	6107280	6107403	NC_000004.11
cg12288076	6.33E-07	8.59E-08	5.56	6.8761627	8.81E-02	45170254	45170377	NC_000020.10
cg16891075	6.34E-07	8.59E-08	5.56	6.8754466	9.22E-02	15170709	15170832	NC_000006.11
cg23452259	6.34E-07	8.60E-08	5.56	6.8748996	8.51E-02	219823559	219823682	NC_000002.11
cg17071045	6.34E-07	8.60E-08	5.56	6.8744809	1.29E-01	54969609	54969732	NC_000004.11
cg01862688	6.35E-07	8.61E-08	5.56	6.8734466	8.32E-02	140480872	140480995	NC_000005.9
cg25316339	6.35E-07	8.61E-08	5.56	6.8731707	1.33E-01	79866379	79866502	NC_000005.9
cg26926138	6.35E-07	8.62E-08	5.56	6.8730897	1.17E-01	54960034	54960157	NC_000004.11
cg18538340	6.35E-07	8.62E-08	5.56	6.8726724	1.26E-01	132756780	132756903	NC_000003.11
cg12745203	6.36E-07	8.63E-08	5.56	6.8718583	9.20E-02	40722429	40722552	NC_000006.11
cg26570867	6.37E-07	8.64E-08	5.56	6.8697182	2.60E-02	12308181	12308304	NC_000016.9
cg17822947	6.38E-07	8.66E-08	5.56	6.8677606	1.42E-01	207842917	207843040	NC_000001.10
cg20028470	6.38E-07	8.66E-08	5.56	6.8676481	8.19E-02	27530829	27530952	NC_000002.11
cg16735875	6.39E-07	8.67E-08	5.56	6.8669836	5.86E-02	99367484	99367607	NC_000015.9
cg27393126	6.39E-07	8.67E-08	5.56	6.866754	1.78E-01	75139364	75139487	NC_000001.10
cg11179518	6.39E-07	8.68E-08	5.56	6.8663139	5.24E-02	58980157	58980280	NC_000011.9
cg16014987	6.39E-07	8.68E-08	5.56	6.8661132	7.08E-02	119345741	119345864	NC_000003.11
cg01748699	6.39E-07	8.68E-08	5.56	6.8659972	4.36E-02	71281866	71281989	NC_000017.10
cg20672187	6.39E-07	8.68E-08	5.56	6.8659295	9.13E-02	130686082	130686205	NC_000006.11

cg05928369	6.40E-07	8.68E-08	5.56	6.8652301	2.57E-02	2185971	2186094	NC_000007.13
cg21642103	6.40E-07	8.69E-08	5.56	6.8648439	1.14E-01	32064656	32064779	NC_000006.11
cg26377880	6.40E-07	8.69E-08	5.56	6.8642896	1.48E-01	7851487	7851610	NC_000005.9
cg20747630	6.40E-07	8.69E-08	5.56	6.8641949	7.55E-02	23892574	23892697	NC_000015.9
cg04049203	6.41E-07	8.70E-08	5.56	6.863695	5.98E-02	44291664	44291787	NC_000022.10
cg18028999	6.41E-07	8.70E-08	5.56	6.8632715	1.66E-01	81426610	81426733	NC_000015.9
cg09576415	6.41E-07	8.70E-08	5.56	6.8631586	5.76E-02	62059559	62059682	NC_000020.10
cg03631864	6.41E-07	8.71E-08	5.56	6.8628808	1.35E-01	155260630	155260753	NC_000007.13
cg03992191	6.42E-07	8.71E-08	5.56	6.8624714	3.05E-02	22312957	22313080	NC_000022.10
cg26207503	6.42E-07	8.71E-08	5.56	6.8621988	8.68E-02	81110749	81110872	NC_000012.11
cg04381043	6.42E-07	8.72E-08	5.56	6.8618155	3.13E-02	89341467	89341590	NC_000016.9
cg16225703	6.42E-07	8.72E-08	5.56	6.8612299	1.18E-01	62383028	62383151	NC_000004.11
cg08525989	6.42E-07	8.72E-08	5.56	6.8609452	1.78E-02	32262282	32262405	NC_000020.10
cg23677657	6.43E-07	8.73E-08	5.56	6.8602478	9.90E-02	96619076	96619199	NC_000007.13
cg23558227	6.43E-07	8.73E-08	5.56	6.859771	4.50E-02	97586426	97586549	NC_000007.13
cg06624154	6.43E-07	8.74E-08	5.56	6.8594918	1.26E-01	101544117	101544240	NC_000014.8
cg20341758	6.44E-07	8.74E-08	5.56	6.8588464	8.53E-02	90966221	90966344	NC_000010.10
cg20229534	6.44E-07	8.75E-08	5.56	6.8578418	1.15E-01	10882250	10882373	NC_000006.11
cg06973667	6.44E-07	8.75E-08	5.56	6.8576952	1.20E-01	71332139	71332262	NC_000010.10
cg08500908	6.45E-07	8.75E-08	5.56	6.8575276	6.24E-02	2036530	2036653	NC_000016.9
cg17919502	6.45E-07	8.76E-08	5.56	6.8565031	5.83E-02	47144363	47144486	NC_000008.10
cg05812269	6.46E-07	8.77E-08	5.56	6.8559379	5.64E-02	21033260	21033383	NC_000018.9
cg19083909	6.46E-07	8.77E-08	5.56	6.8555364	8.14E-02	120030707	120030830	NC_000012.11
cg25382032	6.46E-07	8.77E-08	5.56	6.8552813	6.82E-02	184035178	184035301	NC_000003.11
cg04907173	6.46E-07	8.77E-08	5.56	6.8552555	1.11E-01	65060386	65060509	NC_000011.9

cg14035231	6.46E-07	8.78E-08	5.56	6.8549327	1.18E-01	75602925	75603048	NC_000001.10
cg08216304	6.46E-07	8.78E-08	5.56	6.8546095	1.23E-01	26483122	26483245	NC_000008.10
cg11312674	6.46E-07	8.78E-08	5.56	6.8544857	5.37E-02	121169616	121169739	NC_000010.10
cg16361757	6.48E-07	8.80E-08	5.56	6.8523001	1.03E-01	87010217	87010340	NC_000016.9
cg03340228	6.48E-07	8.80E-08	5.56	6.8519586	8.41E-02	56327663	56327786	NC_000020.10
cg23465910	6.48E-07	8.81E-08	5.56	6.8516128	2.91E-02	43454929	43455052	NC_000002.11
cg07382943	6.48E-07	8.81E-08	5.56	6.8515907	1.71E-01	51830477	51830600	NC_000019.9
cg13270163	6.48E-07	8.81E-08	5.56	6.8513087	7.35E-02	3708502	3708625	NC_000010.10
cg23933289	6.49E-07	8.81E-08	5.56	6.8510997	1.45E-01	178998656	178998779	NC_000001.10
cg11146173	6.49E-07	8.82E-08	5.56	6.8506873	2.04E-02	105886254	105886377	NC_000014.8
cg03385864	6.49E-07	8.82E-08	5.56	6.8504608	1.58E-01	43045368	43045491	NC_000017.10
cg09018944	6.49E-07	8.82E-08	5.56	6.8502346	3.84E-02	9453650	9453773	NC_000004.11
cg03561416	6.49E-07	8.82E-08	5.56	6.8502107	1.30E-01	157254584	157254707	NC_000006.11
cg13326227	6.49E-07	8.82E-08	5.56	6.8501278	2.09E-01	20349168	20349291	NC_000020.10
cg05476956	6.50E-07	8.83E-08	5.56	6.8494006	6.87E-02	140595291	140595414	NC_000005.9
cg24627517	6.50E-07	8.83E-08	5.56	6.8491115	1.72E-02	102782033	102782156	NC_000010.10
cg01545587	6.50E-07	8.83E-08	5.56	6.8488877	1.93E-01	105993579	105993702	NC_000014.8
cg21476673	6.50E-07	8.84E-08	5.56	6.8480072	1.10E-01	46691543	46691666	NC_000017.10
cg18961944	6.50E-07	8.84E-08	5.56	6.8478632	1.60E-01	74961360	74961483	NC_000018.9
cg13022129	6.51E-07	8.85E-08	5.56	6.8473474	4.24E-02	131683862	131683985	NC_000009.11
cg24076502	6.52E-07	8.86E-08	5.56	6.8458678	1.03E-01	59823744	59823867	NC_000020.10
cg23114616	6.52E-07	8.87E-08	5.56	6.8450652	9.38E-02	6526398	6526521	NC_000001.10
cg14687949	6.53E-07	8.88E-08	5.56	6.843908	8.00E-02	121537346	121537469	NC_000002.11
cg06615464	6.53E-07	8.88E-08	5.56	6.8438484	2.02E-02	32080287	32080410	NC_000001.10
cg07538216	6.53E-07	8.88E-08	5.56	6.8438258	4.62E-02	132152473	132152596	NC_000012.11

cg25313772	6.53E-07	8.88E-08	5.56	6.8437647	6.12E-02	160331687	160331810	NC_000001.10
cg27476279	6.53E-07	8.88E-08	5.56	6.8432142	9.74E-02	106943488	106943611	NC_000006.11
cg16056044	6.54E-07	8.89E-08	5.56	6.8430138	1.05E-01	36705593	36705716	NC_000001.10
cg12338273	6.54E-07	8.89E-08	5.56	6.8427559	4.92E-02	143753686	143753809	NC_000002.11
cg27205159	6.54E-07	8.89E-08	5.56	6.8426077	4.86E-02	4134990	4135113	NC_000004.11
cg21977377	6.54E-07	8.90E-08	5.56	6.8418657	1.25E-01	21492823	21492946	NC_000020.10
cg12151542	6.54E-07	8.90E-08	5.56	6.841853	5.86E-02	31069906	31070029	NC_000010.10
cg10864979	6.54E-07	8.90E-08	5.56	6.8417135	9.12E-02	128879141	128879264	NC_000008.10
cg14742809	6.55E-07	8.91E-08	5.56	6.84078	1.12E-01	60631028	60631151	NC_000005.9
cg08206318	6.55E-07	8.91E-08	5.56	6.8407481	1.13E-01	134363637	134363760	NC_000005.9
cg10669834	6.56E-07	8.92E-08	5.56	6.8390696	2.58E-02	33390828	33390951	NC_000015.9
cg10979436	6.56E-07	8.93E-08	5.56	6.8382956	1.38E-01	27242005	27242128	NC_000007.13
cg14000361	6.57E-07	8.94E-08	5.56	6.8374417	1.71E-01	10882336	10882459	NC_000006.11
cg07102320	6.57E-07	8.94E-08	5.56	6.837074	9.23E-02	46171075	46171198	NC_000011.9
cg01957599	6.57E-07	8.94E-08	5.56	6.8368387	6.94E-02	89631033	89631156	NC_000004.11
cg09123155	6.57E-07	8.94E-08	5.56	6.8368136	9.70E-02	1127792	1127915	NC_000016.9
cg01972496	6.57E-07	8.94E-08	5.56	6.8367709	3.70E-02	190229302	190229425	NC_000003.11
cg03127034	6.58E-07	8.95E-08	5.56	6.8364396	3.04E-02	41561307	41561430	NC_000006.11
cg02324291	6.58E-07	8.95E-08	5.56	6.8363123	5.88E-02	112234911	112235034	NC_000010.10
cg09558547	6.58E-07	8.95E-08	5.56	6.8361229	1.81E-01	27526256	27526379	NC_000006.11
cg25259711	6.58E-07	8.95E-08	5.56	6.835628	1.23E-01	105235978	105236101	NC_000008.10
cg02976355	6.59E-07	8.96E-08	5.56	6.8348902	1.38E-01	14312435	14312558	NC_000009.11
cg08803500	6.59E-07	8.96E-08	5.56	6.8346571	9.55E-02	54338824	54338947	NC_000012.11
cg14425564	6.59E-07	8.97E-08	5.56	6.8343528	1.37E-01	126794772	126794895	NC_000009.11
cg01382181	6.59E-07	8.97E-08	5.56	6.8341347	2.28E-02	32917655	32917778	NC_000006.11

cg11025763	6.59E-07	8.97E-08	5.56	6.834108	1.64E-01	76819246	76819369	NC_000014.8
cg15544235	6.59E-07	8.97E-08	5.56	6.8335023	3.78E-02	3080113	3080236	NC_000004.11
cg00164500	6.59E-07	8.97E-08	5.56	6.8334588	2.99E-02	132416160	132416283	NC_000002.11
cg26805263	6.59E-07	8.97E-08	5.56	6.8333379	6.32E-02	24212312	24212435	NC_000013.10
cg09794131	6.60E-07	8.98E-08	5.56	6.8322115	1.97E-01	71264658	71264781	NC_000016.9
cg21825757	6.61E-07	8.99E-08	5.56	6.8316833	5.12E-02	128602077	128602200	NC_000003.11
cg22387174	6.61E-07	9.00E-08	5.56	6.8306126	1.13E-01	155302770	155302893	NC_000007.13
cg19236679	6.62E-07	9.01E-08	5.55	6.8298289	1.53E-01	118032330	118032453	NC_000010.10
cg14472888	6.62E-07	9.01E-08	5.55	6.829295	9.52E-02	151477988	151478111	NC_000002.11
cg20977024	6.62E-07	9.02E-08	5.55	6.8288919	5.05E-02	114336683	114336806	NC_000001.10
cg03098375	6.63E-07	9.02E-08	5.55	6.8286411	8.37E-02	32572348	32572471	NC_000022.10
cg08065122	6.63E-07	9.02E-08	5.55	6.8284073	9.21E-02	794433	794556	NC_000011.9
cg23367478	6.64E-07	9.04E-08	5.55	6.8265752	1.55E-01	20521299	20521422	NC_000012.11
cg07306259	6.64E-07	9.04E-08	5.55	6.8262779	8.28E-02	36007718	36007841	NC_000007.13
cg01141940	6.65E-07	9.05E-08	5.55	6.8254077	1.65E-01	60097247	60097370	NC_000014.8
cg03605226	6.65E-07	9.05E-08	5.55	6.8248993	1.29E-01	87637261	87637384	NC_000016.9
cg27312388	6.66E-07	9.06E-08	5.55	6.8239776	1.54E-01	132864165	132864288	NC_000011.9
cg00597602	6.66E-07	9.06E-08	5.55	6.8239759	7.41E-02	29229107	29229230	NC_000016.9
cg25587233	6.66E-07	9.07E-08	5.55	6.8225297	7.74E-02	131872005	131872128	NC_000009.11
cg27011060	6.67E-07	9.08E-08	5.55	6.8222534	1.61E-01	31825226	31825349	NC_000011.9
cg26088614	6.67E-07	9.08E-08	5.55	6.8215839	7.79E-02	26039146	26039269	NC_000002.11
cg05040893	6.67E-07	9.09E-08	5.55	6.8212302	1.04E-01	43034755	43034878	NC_000017.10
cg14170313	6.68E-07	9.09E-08	5.55	6.8206387	2.06E-01	77112896	77113019	NC_000009.11
cg13180844	6.68E-07	9.10E-08	5.55	6.8199308	1.18E-01	2711168	2711291	NC_000002.11
cg07338917	6.68E-07	9.10E-08	5.55	6.8198472	1.13E-01	112728964	112729087	NC_000013.10

cg11887973	6.68E-07	9.10E-08	5.55	6.81931	1.79E-02	104032735	104032858	NC_000014.8
cg11153872	6.68E-07	9.11E-08	5.55	6.8192256	1.10E-01	14995142	14995265	NC_000011.9
cg11018723	6.69E-07	9.11E-08	5.55	6.8191926	1.83E-01	25256939	25257062	NC_000001.10
cg06838302	6.69E-07	9.12E-08	5.55	6.8180587	5.20E-02	151066596	151066719	NC_000003.11
cg09172362	6.69E-07	9.12E-08	5.55	6.8179016	1.09E-01	299482	299605	NC_000011.9
cg13476635	6.69E-07	9.12E-08	5.55	6.8178271	7.85E-02	128654419	128654542	NC_000011.9
cg26496204	6.70E-07	9.12E-08	5.55	6.8176008	7.82E-02	57427210	57427333	NC_000020.10
cg26834169	6.70E-07	9.13E-08	5.55	6.8170599	1.64E-01	31540879	31541002	NC_000016.9
cg13946538	6.70E-07	9.13E-08	5.55	6.8165391	1.09E-01	96911696	96911819	NC_000015.9
cg06884495	6.70E-07	9.13E-08	5.55	6.8164488	7.12E-02	104394621	104394744	NC_000014.8
cg08988949	6.71E-07	9.14E-08	5.55	6.8158771	3.08E-02	67498961	67499084	NC_000016.9
cg01975502	6.71E-07	9.14E-08	5.55	6.8156993	3.41E-02	54291017	54291140	NC_000019.9
cg21597802	6.71E-07	9.14E-08	5.55	6.8152726	7.14E-02	32190281	32190404	NC_000006.11
cg16635196	6.71E-07	9.15E-08	5.55	6.8147835	1.28E-01	169758644	169758767	NC_000003.11
cg13292042	6.72E-07	9.15E-08	5.55	6.8140381	1.67E-01	111535334	111535457	NC_000004.11
cg08214142	6.72E-07	9.16E-08	5.55	6.8138873	9.07E-02	56623826	56623949	NC_000012.11
cg19856771	6.72E-07	9.16E-08	5.55	6.8138601	2.10E-02	42780042	42780165	NC_000013.10
cg17588350	6.72E-07	9.16E-08	5.55	6.8138399	6.70E-02	60414689	60414812	NC_000011.9
cg05105529	6.72E-07	9.16E-08	5.55	6.8133305	9.01E-02	51132316	51132439	NC_000014.8
cg05263666	6.72E-07	9.16E-08	5.55	6.8130244	4.00E-02	145555707	145555830	NC_000001.10
cg12517027	6.72E-07	9.16E-08	5.55	6.8129368	9.57E-02	55469021	55469144	NC_000018.9
cg18857767	6.73E-07	9.17E-08	5.55	6.8124795	3.38E-02	178043005	178043128	NC_000002.11
cg26514430	6.73E-07	9.18E-08	5.55	6.8118231	1.15E-01	140249080	140249203	NC_000005.9
cg07875335	6.73E-07	9.18E-08	5.55	6.8116665	6.58E-02	48844728	48844851	NC_000002.11
cg22816857	6.74E-07	9.18E-08	5.55	6.8111573	1.17E-01	11565391	11565514	NC_000019.9

cg00329039	6.74E-07	9.18E-08	5.55	6.8109718	1.25E-01	96470053	96470176	NC_000004.11
cg20160127	6.74E-07	9.19E-08	5.55	6.8101346	5.30E-02	64363624	64363747	NC_000007.13
cg02773086	6.74E-07	9.19E-08	5.55	6.8098049	1.42E-01	177027440	177027563	NC_000002.11
cg23312086	6.75E-07	9.20E-08	5.55	6.809743	9.07E-02	103780068	103780191	NC_000008.10
cg02713153	6.75E-07	9.20E-08	5.55	6.8094979	3.79E-02	145063215	145063338	NC_000008.10
cg21052660	6.75E-07	9.20E-08	5.55	6.8092072	1.18E-01	41342202	41342325	NC_000006.11
cg13333954	6.76E-07	9.21E-08	5.55	6.8076575	1.14E-01	1098663	1098786	NC_000012.11
cg02319187	6.76E-07	9.22E-08	5.55	6.8075309	2.23E-02	137229907	137230030	NC_000009.11
cg11996428	6.76E-07	9.22E-08	5.55	6.8075254	1.04E-01	135466211	135466334	NC_000009.11
cg01184539	6.76E-07	9.22E-08	5.55	6.807412	5.98E-02	116848950	116849073	NC_000006.11
cg22900415	6.76E-07	9.22E-08	5.55	6.8066871	1.45E-01	20736075	20736198	NC_000013.10
cg01147550	6.77E-07	9.23E-08	5.55	6.8062998	2.13E-01	47210027	47210150	NC_000017.10
cg17121178	6.77E-07	9.23E-08	5.55	6.8058305	1.38E-01	122850741	122850864	NC_000011.9
cg12618988	6.77E-07	9.23E-08	5.55	6.8057197	7.42E-02	54871856	54871979	NC_000001.10
cg19193135	6.77E-07	9.23E-08	5.55	6.8055324	7.61E-02	118219874	118219997	NC_000011.9
cg13168683	6.77E-07	9.24E-08	5.55	6.8054493	1.74E-01	6202379	6202502	NC_000004.11
cg04260867	6.78E-07	9.25E-08	5.55	6.8042788	9.77E-02	33004424	33004547	NC_000001.10
cg03970319	6.78E-07	9.25E-08	5.55	6.8039099	1.22E-01	1274752	1274875	NC_000007.13
cg23606718	6.78E-07	9.25E-08	5.55	6.8036811	1.32E-01	131513927	131514050	NC_000002.11
cg26852331	6.79E-07	9.26E-08	5.55	6.8030718	2.51E-02	3594801	3594924	NC_000010.10
cg14816825	6.79E-07	9.26E-08	5.55	6.8029524	5.70E-02	12128203	12128326	NC_000011.9
cg11596863	6.79E-07	9.26E-08	5.55	6.8025482	9.84E-02	113013215	113013338	NC_000012.11
cg24301288	6.80E-07	9.28E-08	5.55	6.8006517	4.94E-02	8263007	8263130	NC_000004.11
cg07404961	6.81E-07	9.29E-08	5.55	6.8000573	5.60E-02	31049270	31049393	NC_000016.9
cg18201679	6.81E-07	9.29E-08	5.55	6.7992773	1.11E-01	149672149	149672272	NC_000001.10



cg08698721	6.81E-07	9.30E-08	5.55	6.7989446	6.62E-02	101294147	101294270	NC_000014.8
cg23222160	6.82E-07	9.30E-08	5.55	6.7987869	6.04E-02	94605081	94605204	NC_000014.8
cg14655855	6.82E-07	9.30E-08	5.55	6.798699	1.60E-01	13278626	13278749	NC_000009.11
cg04275404	6.82E-07	9.30E-08	5.55	6.7985977	1.87E-01	23984534	23984657	NC_000010.10
cg17011981	6.82E-07	9.31E-08	5.55	6.797553	1.58E-01	60287397	60287520	NC_000015.9
cg12464561	6.82E-07	9.31E-08	5.55	6.7974711	1.15E-01	1401729	1401852	NC_000004.11
cg17332326	6.83E-07	9.32E-08	5.55	6.7961636	2.04E-01	37997471	37997594	NC_000019.9
cg08635685	6.84E-07	9.33E-08	5.55	6.7956618	1.55E-01	131400931	131401054	NC_000012.11
cg23671901	6.84E-07	9.33E-08	5.55	6.7953307	7.74E-02	41621118	41621241	NC_000006.11
cg25093954	6.84E-07	9.33E-08	5.55	6.7951928	3.14E-02	2932076	2932199	NC_000010.10
cg18658397	6.85E-07	9.34E-08	5.55	6.7943353	1.28E-01	102031426	102031549	NC_000014.8
cg18005337	6.85E-07	9.34E-08	5.55	6.7941474	8.92E-02	98340655	98340778	NC_000002.11
cg09908001	6.85E-07	9.34E-08	5.55	6.7940443	2.29E-02	42780440	42780563	NC_000021.8
cg09584358	6.85E-07	9.35E-08	5.55	6.7937806	1.07E-01	14201680	14201803	NC_000017.10
cg04080041	6.85E-07	9.35E-08	5.55	6.7934738	1.08E-01	140811253	140811376	NC_000005.9
cg15579587	6.85E-07	9.35E-08	5.55	6.7933346	1.19E-01	238600061	238600184	NC_000002.11
cg09592867	6.85E-07	9.35E-08	5.55	6.7933012	1.18E-01	48472588	48472711	NC_000017.10
cg20161179	6.85E-07	9.36E-08	5.55	6.7927989	1.18E-01	4863282	4863405	NC_000004.11
cg22539420	6.86E-07	9.37E-08	5.55	6.7913915	1.20E-01	200329680	200329803	NC_000002.11
cg24248713	6.87E-07	9.38E-08	5.55	6.7902523	1.44E-01	31803615	31803738	NC_000018.9
cg19437325	6.87E-07	9.38E-08	5.55	6.790099	2.43E-02	46802432	46802555	NC_000022.10
cg14108567	6.87E-07	9.38E-08	5.55	6.7898983	1.27E-01	8717487	8717610	NC_000012.11
cg08287265	6.88E-07	9.39E-08	5.55	6.7892588	1.86E-01	101292766	101292889	NC_000010.10
cg23941527	6.88E-07	9.39E-08	5.55	6.7891683	1.24E-01	92868380	92868503	NC_000005.9
cg05691934	6.88E-07	9.40E-08	5.55	6.7886158	4.98E-02	1755162	1755285	NC_000012.11

cg07862768	6.89E-07	9.40E-08	5.55	6.7880962	9.25E-02	105379411	105379534	NC_000008.10
cg00323695	6.89E-07	9.40E-08	5.55	6.7880784	1.30E-01	39989978	39990101	NC_000019.9
cg12429455	6.89E-07	9.41E-08	5.55	6.787367	3.64E-02	61715096	61715219	NC_000002.11
cg02723913	6.90E-07	9.42E-08	5.55	6.7860746	5.09E-02	22992214	22992337	NC_000015.9
cg17994569	6.90E-07	9.42E-08	5.55	6.7860728	1.63E-01	50821652	50821775	NC_000010.10
cg16197684	6.90E-07	9.42E-08	5.55	6.7859049	4.21E-02	31630819	31630942	NC_000006.11
cg08288811	6.90E-07	9.42E-08	5.55	6.7857422	8.18E-02	140180926	140181049	NC_000005.9
cg18572653	6.91E-07	9.43E-08	5.55	6.784914	1.21E-01	72200922	72201045	NC_000010.10
cg09157431	6.91E-07	9.44E-08	5.55	6.7842984	5.55E-02	2496973	2497096	NC_000017.10
cg05827546	6.91E-07	9.45E-08	5.55	6.7836354	6.78E-02	81028116	81028239	NC_000017.10
cg01614898	6.93E-07	9.47E-08	5.54	6.7813987	6.52E-02	3736816	3736939	NC_000005.9
cg16090347	6.93E-07	9.47E-08	5.54	6.7813648	8.46E-02	124906421	124906544	NC_000010.10
cg09592456	6.93E-07	9.47E-08	5.54	6.7809482	3.20E-02	19780308	19780431	NC_000022.10
cg19509715	6.94E-07	9.48E-08	5.54	6.7804882	1.94E-01	44037128	44037251	NC_000003.11
cg09607482	6.94E-07	9.48E-08	5.54	6.7804459	6.97E-02	131567073	131567196	NC_000010.10
cg14267263	6.94E-07	9.48E-08	5.54	6.7802172	1.44E-01	841436	841559	NC_000009.11
cg16420354	6.94E-07	9.49E-08	5.54	6.7795049	3.31E-02	150690881	150691004	NC_000007.13
cg12570975	6.95E-07	9.49E-08	5.54	6.7789775	6.59E-02	69206335	69206458	NC_000011.9
cg15218983	6.95E-07	9.49E-08	5.54	6.7785715	5.83E-02	44708669	44708792	NC_000022.10
cg10457056	6.95E-07	9.50E-08	5.54	6.777972	1.69E-01	44494997	44495120	NC_000021.8
cg15704304	6.96E-07	9.51E-08	5.54	6.7772843	4.57E-02	68881427	68881550	NC_000012.11
cg15001567	6.96E-07	9.51E-08	5.54	6.7771715	3.60E-02	27327653	27327776	NC_000002.11
cg22149588	6.96E-07	9.51E-08	5.54	6.7770513	4.40E-02	30736610	30736733	NC_000022.10
cg09828381	6.96E-07	9.51E-08	5.54	6.7770276	6.47E-02	63177404	63177527	NC_000012.11
cg09635541	6.96E-07	9.51E-08	5.54	6.7768707	6.67E-02	812499	812622	NC_000004.11

cg17271180	6.96E-07	9.52E-08	5.54	6.7763099	1.22E-01	76629110	76629233	NC_000015.9
cg26694831	6.96E-07	9.52E-08	5.54	6.7761772	1.15E-01	178763419	178763542	NC_000005.9
cg11945824	6.97E-07	9.53E-08	5.54	6.7748669	1.44E-01	32116963	32117086	NC_000006.11
cg16733419	6.98E-07	9.54E-08	5.54	6.7738791	7.65E-02	8983288	8983411	NC_000011.9
cg22600043	6.99E-07	9.56E-08	5.54	6.7718103	1.12E-01	109095991	109096114	NC_000008.10
cg06893389	7.00E-07	9.57E-08	5.54	6.7710443	1.73E-01	37117018	37117141	NC_000014.8
cg03386347	7.00E-07	9.57E-08	5.54	6.7705762	5.71E-02	88261775	88261898	NC_000016.9
cg00936626	7.01E-07	9.58E-08	5.54	6.769376	7.61E-02	196694856	196694979	NC_000003.11
cg12213811	7.02E-07	9.60E-08	5.54	6.7677841	1.30E-01	122251152	122251275	NC_000012.11
cg00384210	7.02E-07	9.60E-08	5.54	6.7674489	8.24E-02	126168486	126168609	NC_000012.11
cg08354104	7.03E-07	9.61E-08	5.54	6.7668591	9.98E-02	110409196	110409319	NC_000005.9
cg16277071	7.03E-07	9.61E-08	5.54	6.7666774	9.96E-02	75537317	75537440	NC_000017.10
cg26458288	7.04E-07	9.62E-08	5.54	6.765713	1.59E-01	119799822	119799945	NC_000005.9
cg08708943	7.04E-07	9.63E-08	5.54	6.7646974	3.30E-02	15818255	15818378	NC_000016.9
cg18347426	7.05E-07	9.65E-08	5.54	6.7629942	7.55E-02	126267104	126267227	NC_000005.9
cg07084941	7.05E-07	9.65E-08	5.54	6.7629855	8.26E-02	129061382	129061505	NC_000008.10
cg01048972	7.05E-07	9.65E-08	5.54	6.7628678	4.40E-02	4446152	4446275	NC_000010.10
cg16024950	7.06E-07	9.65E-08	5.54	6.7625919	1.84E-01	100254149	100254272	NC_000007.13
cg09423703	7.06E-07	9.66E-08	5.54	6.7622659	1.60E-01	71115230	71115353	NC_000002.11
cg18124852	7.06E-07	9.66E-08	5.54	6.7619995	8.78E-02	43506540	43506663	NC_000017.10
cg17301987	7.06E-07	9.66E-08	5.54	6.7617967	7.37E-02	5752667	5752790	NC_000006.11
cg13396821	7.06E-07	9.66E-08	5.54	6.7616301	3.72E-02	154812952	154813075	NC_000001.10
cg09839318	7.07E-07	9.67E-08	5.54	6.7610393	9.84E-02	921295	921418	NC_000004.11
cg09498572	7.07E-07	9.68E-08	5.54	6.7599803	1.24E-01	112707805	112707928	NC_000013.10
cg17861481	7.07E-07	9.68E-08	5.54	6.7599249	3.91E-02	110134776	110134899	NC_000001.10

cg00123090	7.08E-07	9.68E-08	5.54	6.7593024	8.68E-02	234667087	234667210	NC_000001.10
cg20332660	7.08E-07	9.69E-08	5.54	6.7591057	7.60E-02	47878427	47878550	NC_000001.10
cg06650260	7.08E-07	9.69E-08	5.54	6.7585805	1.42E-01	27240478	27240601	NC_000001.10
cg11111740	7.09E-07	9.71E-08	5.54	6.7569485	1.34E-01	28584288	28584411	NC_000006.11
cg12128017	7.10E-07	9.71E-08	5.54	6.7564083	1.59E-01	38230769	38230892	NC_000001.10
cg01416712	7.11E-07	9.73E-08	5.54	6.7545708	1.26E-01	41750864	41750987	NC_000004.11
cg10164592	7.11E-07	9.74E-08	5.54	6.7542295	1.71E-01	107715146	107715269	NC_000012.11
cg18594669	7.12E-07	9.74E-08	5.54	6.7536759	8.43E-02	124364423	124364546	NC_000012.11
cg22299454	7.12E-07	9.74E-08	5.54	6.7536519	1.08E-01	165304443	165304566	NC_000004.11
cg24070990	7.12E-07	9.75E-08	5.54	6.7526084	8.59E-02	228634724	228634847	NC_000001.10
cg25103160	7.13E-07	9.76E-08	5.54	6.7520432	6.22E-02	76206788	76206911	NC_000012.11
cg10111214	7.13E-07	9.76E-08	5.54	6.7516574	7.79E-02	14815676	14815799	NC_000006.11
cg02796390	7.13E-07	9.76E-08	5.54	6.7514638	1.20E-01	3726190	3726313	NC_000020.10
cg21689075	7.14E-07	9.77E-08	5.54	6.7503518	1.76E-02	109192664	109192787	NC_000001.10
cg19942830	7.14E-07	9.78E-08	5.54	6.7500764	4.71E-02	99054915	99055038	NC_000008.10
cg25584474	7.14E-07	9.78E-08	5.54	6.7499388	7.26E-02	52160138	52160261	NC_000014.8
cg18573327	7.15E-07	9.78E-08	5.54	6.7493242	1.22E-01	115123875	115123998	NC_000012.11
cg08631504	7.15E-07	9.79E-08	5.54	6.7490594	1.60E-01	89943431	89943554	NC_000015.9
cg11510523	7.15E-07	9.79E-08	5.54	6.7489956	1.69E-01	12306136	12306259	NC_000019.9
cg18457818	7.15E-07	9.79E-08	5.54	6.7488394	6.22E-02	131360788	131360911	NC_000012.11
cg02422011	7.15E-07	9.79E-08	5.54	6.7485151	5.37E-02	38745928	38746051	NC_000019.9
cg03975797	7.15E-07	9.80E-08	5.54	6.7481963	1.36E-01	100238977	100239100	NC_000005.9
cg07572815	7.16E-07	9.80E-08	5.54	6.7475001	2.17E-02	228582869	228582992	NC_000001.10
cg06613095	7.16E-07	9.81E-08	5.54	6.7472475	1.75E-01	137483617	137483740	NC_000003.11
cg00173504	7.17E-07	9.82E-08	5.54	6.7453985	1.47E-01	119530144	119530267	NC_000001.10

cg13130031	7.19E-07	9.84E-08	5.54	6.7435293	9.99E-02	99584939	99585062	NC_000014.8
cg00900933	7.19E-07	9.84E-08	5.54	6.7434861	8.28E-02	37322028	37322151	NC_000017.10
cg15806304	7.19E-07	9.85E-08	5.54	6.7426229	6.90E-02	119000083	119000206	NC_000010.10
cg26539522	7.21E-07	9.87E-08	5.54	6.7404766	2.68E-02	88807658	88807781	NC_000016.9
cg19277182	7.22E-07	9.90E-08	5.54	6.7383851	3.31E-02	80560098	80560221	NC_000017.10
cg14176797	7.22E-07	9.90E-08	5.54	6.7380147	8.44E-02	57426801	57426924	NC_000020.10
cg05729827	7.23E-07	9.90E-08	5.54	6.7376397	4.68E-02	75968409	75968532	NC_000015.9
cg12298745	7.23E-07	9.91E-08	5.54	6.7370069	1.34E-01	76737545	76737668	NC_000018.9
cg14345497	7.24E-07	9.91E-08	5.54	6.7365217	1.54E-01	46655603	46655726	NC_000017.10
cg15634398	7.24E-07	9.92E-08	5.54	6.736272	1.48E-01	44324903	44325026	NC_000019.9
cg25966893	7.24E-07	9.92E-08	5.54	6.7356973	1.13E-01	100050770	100050893	NC_000006.11
cg16805150	7.24E-07	9.93E-08	5.54	6.735149	1.20E-01	6570684	6570807	NC_000007.13
cg07363307	7.25E-07	9.93E-08	5.54	6.7350913	6.86E-02	233794334	233794457	NC_000002.11
cg01158680	7.25E-07	9.93E-08	5.54	6.7348268	1.39E-01	79083997	79084120	NC_000007.13
cg03538020	7.25E-07	9.93E-08	5.54	6.734601	7.36E-02	156363442	156363565	NC_000005.9
cg06315607	7.25E-07	9.93E-08	5.54	6.7345998	9.76E-02	19512084	19512207	NC_000022.10
cg16833551	7.25E-07	9.93E-08	5.54	6.7345993	8.21E-02	57427237	57427360	NC_000020.10
cg06456154	7.25E-07	9.94E-08	5.53	6.7337355	1.32E-01	119310356	119310479	NC_000010.10
cg26391902	7.26E-07	9.95E-08	5.53	6.7332627	8.50E-02	93191430	93191553	NC_000015.9
cg06748440	7.26E-07	9.95E-08	5.53	6.7328545	8.58E-02	6609746	6609869	NC_000017.10
cg01178854	7.26E-07	9.96E-08	5.53	6.7323579	6.29E-02	154913744	154913867	NC_000001.10
cg05425326	7.27E-07	9.96E-08	5.53	6.7318472	4.05E-02	58439361	58439484	NC_000016.9
cg26121591	7.27E-07	9.96E-08	5.53	6.7315807	1.93E-01	175298564	175298687	NC_000005.9
cg06911753	7.27E-07	9.97E-08	5.53	6.7307481	8.17E-02	47611236	47611359	NC_000011.9
cg17397493	7.28E-07	9.98E-08	5.53	6.7299366	4.91E-02	35231272	35231395	NC_000005.9

cg05825950	7.28E-07	9.98E-08	5.53	6.7296142	1.12E-01	207669576	207669699	NC_000001.10
cg12698813	7.28E-07	9.99E-08	5.53	6.7293957	1.17E-01	115136060	115136183	NC_000012.11
cg16406385	7.29E-07	1.00E-07	5.53	6.7282794	7.87E-02	62694514	62694637	NC_000004.11
cg08453096	7.29E-07	1.00E-07	5.53	6.728098	5.72E-02	44065893	44066016	NC_000002.11
cg19237923	7.30E-07	1.00E-07	5.53	6.7276796	1.10E-01	156831236	156831359	NC_000001.10
cg01901089	7.30E-07	1.00E-07	5.53	6.7268337	4.23E-02	75862195	75862318	NC_000004.11
cg26601317	7.30E-07	1.00E-07	5.53	6.7266454	1.12E-01	2890575	2890698	NC_000011.9
cg08997224	7.31E-07	1.00E-07	5.53	6.7259912	3.10E-02	69951486	69951609	NC_000011.9
cg06511917	7.31E-07	1.00E-07	5.53	6.7257643	9.52E-02	23482255	23482378	NC_000010.10
cg25206073	7.31E-07	1.00E-07	5.53	6.7256006	1.05E-01	19812858	19812981	NC_000011.9
cg05637351	7.31E-07	1.00E-07	5.53	6.7253251	1.17E-01	63417669	63417792	NC_000018.9
cg13553400	7.32E-07	1.00E-07	5.53	6.7244968	5.12E-02	14248369	14248492	NC_000017.10
cg03102494	7.32E-07	1.00E-07	5.53	6.7237566	1.07E-01	147801721	147801844	NC_000001.10
cg23361828	7.32E-07	1.00E-07	5.53	6.7236908	6.96E-02	239463246	239463369	NC_000002.11
cg15184687	7.32E-07	1.00E-07	5.53	6.7236049	1.47E-01	112728885	112729008	NC_000013.10
cg21938521	7.32E-07	1.00E-07	5.53	6.7234786	5.04E-02	52006267	52006390	NC_000013.10
cg11694262	7.33E-07	1.01E-07	5.53	6.7221338	1.34E-01	100644657	100644780	NC_000013.10
cg09760644	7.34E-07	1.01E-07	5.53	6.7211961	6.04E-02	166822241	166822364	NC_000006.11
cg07143898	7.34E-07	1.01E-07	5.53	6.720699	1.80E-01	98945300	98945423	NC_000010.10
cg04694035	7.35E-07	1.01E-07	5.53	6.7205352	1.17E-01	96647440	96647563	NC_000007.13
cg19487717	7.35E-07	1.01E-07	5.53	6.7204515	4.48E-02	70263216	70263339	NC_000011.9
cg04011135	7.35E-07	1.01E-07	5.53	6.7200752	9.87E-02	236582960	236583083	NC_000002.11
cg19979590	7.36E-07	1.01E-07	5.53	6.7191324	3.98E-02	63011250	63011373	NC_000015.9
cg23213951	7.36E-07	1.01E-07	5.53	6.7190493	4.70E-02	17551678	17551801	NC_000001.10
cg24813613	7.36E-07	1.01E-07	5.53	6.7184649	7.02E-02	1882135	1882258	NC_000007.13

cg01175020	7.36E-07	1.01E-07	5.53	6.7183222	1.40E-01	102896475	102896598	NC_000010.10
cg16590189	7.37E-07	1.01E-07	5.53	6.7172303	1.32E-01	175299798	175299921	NC_000005.9
cg21293934	7.38E-07	1.01E-07	5.53	6.7162498	1.21E-01	14748230	14748353	NC_000018.9
cg20159871	7.38E-07	1.01E-07	5.53	6.7154171	5.18E-02	77864271	77864394	NC_000001.10
cg18120376	7.38E-07	1.01E-07	5.53	6.7151543	1.92E-01	142054254	142054377	NC_000004.11
cg06622151	7.38E-07	1.01E-07	5.53	6.7150554	1.36E-01	45168246	45168369	NC_000002.11
cg12437277	7.39E-07	1.01E-07	5.53	6.7148363	8.45E-02	228743235	228743358	NC_000001.10
cg07210454	7.39E-07	1.01E-07	5.53	6.7147459	9.43E-02	2482303	2482426	NC_000011.9
cg21518947	7.39E-07	1.01E-07	5.53	6.7142519	6.05E-02	67222648	67222771	NC_000011.9
cg10949430	7.39E-07	1.01E-07	5.53	6.714224	4.86E-02	6496243	6496366	NC_000001.10
cg23411440	7.40E-07	1.02E-07	5.53	6.7133776	1.14E-01	23821570	23821693	NC_000014.8
cg10456990	7.40E-07	1.02E-07	5.53	6.7132986	1.28E-01	38077597	38077720	NC_000021.8
cg00155526	7.40E-07	1.02E-07	5.53	6.7132116	1.42E-01	32713290	32713413	NC_000005.9
cg27307693	7.40E-07	1.02E-07	5.53	6.7128547	9.50E-02	50714304	50714427	NC_000015.9
cg26105725	7.40E-07	1.02E-07	5.53	6.7126517	9.82E-02	27511112	27511235	NC_000006.11
cg10709785	7.41E-07	1.02E-07	5.53	6.7118628	6.64E-02	32359756	32359879	NC_000016.9
cg16943083	7.41E-07	1.02E-07	5.53	6.7115247	1.65E-01	500817	500940	NC_000018.9
cg03312958	7.43E-07	1.02E-07	5.53	6.7091698	7.04E-02	2749302	2749425	NC_000005.9
cg08848140	7.43E-07	1.02E-07	5.53	6.7091089	1.27E-01	124982018	124982141	NC_000009.11
cg05890062	7.43E-07	1.02E-07	5.53	6.7090176	1.35E-01	51288552	51288675	NC_000008.10
cg04410989	7.43E-07	1.02E-07	5.53	6.7089062	9.45E-02	35578437	35578560	NC_000020.10
cg15996947	7.43E-07	1.02E-07	5.53	6.7086582	1.28E-01	50780115	50780238	NC_000014.8
cg06138239	7.43E-07	1.02E-07	5.53	6.7082885	8.13E-02	19567590	19567713	NC_000016.9
cg03399963	7.43E-07	1.02E-07	5.53	6.7077909	8.75E-02	150359383	150359506	NC_000006.11
cg16652741	7.45E-07	1.02E-07	5.53	6.7060885	1.92E-01	219825300	219825423	NC_000002.11

cg02161900	7.45E-07	1.02E-07	5.53	6.7056986	1.30E-01	28035631	28035754	NC_000010.10
cg13200125	7.45E-07	1.02E-07	5.53	6.7055524	2.58E-02	47360181	47360304	NC_000011.9
cg27658416	7.45E-07	1.02E-07	5.53	6.7050753	1.71E-01	28603033	28603156	NC_000006.11
cg17069437	7.46E-07	1.02E-07	5.53	6.704983	7.06E-02	100064485	100064608	NC_000007.13
cg07816809	7.46E-07	1.02E-07	5.53	6.7045516	5.34E-02	131810674	131810797	NC_000010.10
cg02986266	7.46E-07	1.02E-07	5.53	6.7042028	1.23E-01	20833552	20833675	NC_000007.13
cg02242289	7.46E-07	1.03E-07	5.53	6.703925	1.91E-01	224804149	224804272	NC_000001.10
cg02445958	7.46E-07	1.03E-07	5.53	6.7038304	9.15E-02	66911914	66912037	NC_000016.9
cg24939819	7.47E-07	1.03E-07	5.53	6.7027956	7.05E-02	27217358	27217481	NC_000001.10
cg01222324	7.47E-07	1.03E-07	5.53	6.7024089	1.38E-01	135050630	135050753	NC_000010.10
cg25535044	7.47E-07	1.03E-07	5.53	6.7021682	4.79E-02	54200863	54200986	NC_000019.9
cg05124756	7.48E-07	1.03E-07	5.53	6.7009268	1.61E-02	2263820	2263943	NC_000004.11
cg09290600	7.49E-07	1.03E-07	5.53	6.7004503	1.51E-01	41753032	41753155	NC_000004.11
cg03754361	7.49E-07	1.03E-07	5.53	6.7003935	3.26E-02	12414821	12414944	NC_000016.9
cg22233547	7.49E-07	1.03E-07	5.53	6.699852	5.58E-02	68488938	68489061	NC_000013.10
cg22778178	7.50E-07	1.03E-07	5.53	6.6985638	1.08E-01	48041956	48042079	NC_000017.10
cg22897615	7.51E-07	1.03E-07	5.53	6.6976222	1.76E-01	32117079	32117202	NC_000006.11
cg09826050	7.52E-07	1.03E-07	5.53	6.6962937	1.13E-01	217310174	217310297	NC_000001.10
cg21023520	7.52E-07	1.03E-07	5.53	6.6959815	5.23E-02	43817384	43817507	NC_000022.10
cg13436155	7.52E-07	1.03E-07	5.53	6.6959767	9.71E-02	100644217	100644340	NC_000013.10
cg19260430	7.53E-07	1.04E-07	5.53	6.6944317	6.79E-02	195735283	195735406	NC_000003.11
cg13782090	7.54E-07	1.04E-07	5.53	6.6939004	1.46E-01	220417853	220417976	NC_000002.11
cg26685590	7.54E-07	1.04E-07	5.53	6.6936999	1.22E-01	133795623	133795746	NC_000010.10
cg25528298	7.54E-07	1.04E-07	5.53	6.6936209	1.29E-01	161352297	161352420	NC_000006.11
cg07536847	7.54E-07	1.04E-07	5.53	6.69348	1.35E-01	18957232	18957355	NC_000001.10



cg10213633	7.55E-07	1.04E-07	5.53	6.6921397	5.19E-02	30683782	30683905	NC_000016.9
cg04690927	7.55E-07	1.04E-07	5.53	6.6920871	1.35E-01	45961524	45961647	NC_000007.13
cg07202461	7.55E-07	1.04E-07	5.53	6.6912047	6.28E-02	19406765	19406888	NC_000018.9
cg06544061	7.56E-07	1.04E-07	5.53	6.6911037	6.56E-02	2476423	2476546	NC_000007.13
cg06724078	7.56E-07	1.04E-07	5.53	6.6910742	1.06E-01	48429551	48429674	NC_000001.10
cg24686074	7.56E-07	1.04E-07	5.53	6.690705	1.57E-01	102497666	102497789	NC_000010.10
cg18447790	7.56E-07	1.04E-07	5.53	6.6906711	1.45E-01	44789949	44790072	NC_000018.9
cg11697123	7.57E-07	1.04E-07	5.53	6.6895941	7.57E-02	83332828	83332951	NC_000005.9
cg10010898	7.57E-07	1.04E-07	5.53	6.6895594	4.64E-02	339598	339721	NC_000016.9
cg18956481	7.57E-07	1.04E-07	5.53	6.6889927	1.94E-01	52790139	52790262	NC_000020.10
cg00303335	7.58E-07	1.04E-07	5.53	6.6874849	5.93E-02	101385620	101385743	NC_000007.13
cg18205636	7.58E-07	1.04E-07	5.53	6.6872718	2.91E-02	143530782	143530905	NC_000007.13
cg25149122	7.58E-07	1.04E-07	5.53	6.6871553	7.72E-02	74201231	74201354	NC_000018.9
cg05985988	7.59E-07	1.04E-07	5.53	6.6868679	1.07E-01	15304885	15305008	NC_000006.11
cg05020203	7.59E-07	1.04E-07	5.52	6.6864248	4.22E-02	242968829	242968952	NC_000002.11
cg18747039	7.59E-07	1.04E-07	5.52	6.6863357	9.55E-02	100650031	100650154	NC_000013.10
cg06352406	7.59E-07	1.04E-07	5.52	6.6862441	1.23E-01	7454063	7454186	NC_000010.10
cg06009620	7.59E-07	1.04E-07	5.52	6.686087	4.13E-02	30904694	30904817	NC_000006.11
cg01704609	7.60E-07	1.04E-07	5.52	6.6854171	8.90E-02	24202847	24202970	NC_000013.10
cg08932343	7.60E-07	1.05E-07	5.52	6.6850717	2.38E-02	67815010	67815133	NC_000011.9
cg00333800	7.60E-07	1.05E-07	5.52	6.6848485	6.98E-02	76687878	76688001	NC_000018.9
cg26022015	7.60E-07	1.05E-07	5.52	6.6847852	1.51E-01	78493583	78493706	NC_000013.10
cg19021428	7.60E-07	1.05E-07	5.52	6.6844354	8.66E-02	84983301	84983424	NC_000010.10
cg14317639	7.60E-07	1.05E-07	5.52	6.6843361	1.23E-01	92721505	92721628	NC_000014.8
cg18178432	7.60E-07	1.05E-07	5.52	6.684309	2.14E-02	44517288	44517411	NC_000020.10

cg04129308	7.61E-07	1.05E-07	5.52	6.6837092	1.32E-01	134214995	134215118	NC_000006.11
cg11670211	7.61E-07	1.05E-07	5.52	6.6836749	1.26E-01	89224288	89224411	NC_000011.9
cg16675758	7.61E-07	1.05E-07	5.52	6.6833382	1.09E-01	115531171	115531294	NC_000011.9
cg00081087	7.61E-07	1.05E-07	5.52	6.6832749	8.13E-02	34873912	34874035	NC_000007.13
cg15711268	7.61E-07	1.05E-07	5.52	6.6826306	2.32E-01	31841952	31842075	NC_000019.9
cg26572392	7.62E-07	1.05E-07	5.52	6.6817086	1.07E-01	24496943	24497066	NC_000010.10
cg18703515	7.62E-07	1.05E-07	5.52	6.6814077	1.05E-01	44830587	44830710	NC_000010.10
cg13774342	7.63E-07	1.05E-07	5.52	6.6809292	6.59E-02	50702795	50702918	NC_000013.10
cg09258877	7.64E-07	1.05E-07	5.52	6.6793376	5.20E-02	230664097	230664220	NC_000002.11
cg20403644	7.64E-07	1.05E-07	5.52	6.6791155	1.13E-01	707141	707264	NC_000017.10
cg21690892	7.64E-07	1.05E-07	5.52	6.6791046	1.44E-02	42162428	42162551	NC_000006.11
cg19246018	7.65E-07	1.05E-07	5.52	6.6780039	1.56E-01	240031588	240031711	NC_000002.11
cg07573727	7.65E-07	1.05E-07	5.52	6.6778237	1.68E-01	74706196	74706319	NC_000014.8
cg25848557	7.65E-07	1.05E-07	5.52	6.6778234	1.81E-01	108507766	108507889	NC_000001.10
cg23676439	7.66E-07	1.06E-07	5.52	6.6759893	1.50E-01	155663836	155663959	NC_000004.11
cg20956407	7.67E-07	1.06E-07	5.52	6.6750557	1.10E-01	149889677	149889800	NC_000005.9
cg18669373	7.67E-07	1.06E-07	5.52	6.6748052	4.18E-02	51033148	51033271	NC_000013.10
cg13095560	7.68E-07	1.06E-07	5.52	6.6736155	4.39E-02	27436915	27437038	NC_000017.10
cg02184772	7.68E-07	1.06E-07	5.52	6.6731948	1.73E-01	47063028	47063151	NC_000021.8
cg14138611	7.70E-07	1.06E-07	5.52	6.6716322	6.89E-02	71007843	71007966	NC_000012.11
cg01194371	7.70E-07	1.06E-07	5.52	6.6714572	1.42E-01	79331477	79331600	NC_000005.9
cg01903503	7.70E-07	1.06E-07	5.52	6.6706946	4.32E-02	40269447	40269570	NC_000017.10
cg13412754	7.70E-07	1.06E-07	5.52	6.6704423	1.43E-01	128307578	128307701	NC_000009.11
cg22981628	7.70E-07	1.06E-07	5.52	6.6703721	7.49E-02	27332559	27332682	NC_000017.10
cg23943829	7.71E-07	1.06E-07	5.52	6.6699408	6.03E-02	132009111	132009234	NC_000005.9

cg07746514	7.71E-07	1.06E-07	5.52	6.669482	1.75E-02	121139042	121139165	NC_000012.11
cg27142924	7.71E-07	1.06E-07	5.52	6.6694126	1.29E-01	37005452	37005575	NC_000013.10
cg26875384	7.71E-07	1.06E-07	5.52	6.6693436	7.49E-02	14817904	14818027	NC_000010.10
cg00671534	7.72E-07	1.06E-07	5.52	6.6682872	5.47E-02	27316496	27316619	NC_000013.10
cg12268562	7.72E-07	1.06E-07	5.52	6.6677431	8.91E-02	3625409	3625532	NC_000001.10
cg07484450	7.72E-07	1.06E-07	5.52	6.6675459	7.01E-02	60383361	60383484	NC_000011.9
cg15471661	7.73E-07	1.06E-07	5.52	6.6672538	4.43E-02	105372846	105372969	NC_000014.8
cg16124188	7.73E-07	1.06E-07	5.52	6.6671652	1.16E-01	74647315	74647438	NC_000006.11
cg15625693	7.73E-07	1.07E-07	5.52	6.666577	1.09E-01	187187177	187187300	NC_000004.11
cg08403345	7.74E-07	1.07E-07	5.52	6.6656415	1.75E-01	496425	496548	NC_000019.9
cg04710402	7.76E-07	1.07E-07	5.52	6.6632116	2.17E-01	87257074	87257197	NC_000007.13
cg03447557	7.76E-07	1.07E-07	5.52	6.6623414	6.27E-02	2273735	2273858	NC_000001.10
cg13493005	7.77E-07	1.07E-07	5.52	6.662167	1.35E-01	78371046	78371169	NC_000011.9
cg23241637	7.77E-07	1.07E-07	5.52	6.6619562	1.69E-01	185463803	185463926	NC_000002.11
cg17161520	7.77E-07	1.07E-07	5.52	6.6614286	1.01E-01	67174843	67174966	NC_000011.9
cg14679463	7.78E-07	1.07E-07	5.52	6.6605465	5.15E-02	27580157	27580280	NC_000013.10
cg06629130	7.78E-07	1.07E-07	5.52	6.6601725	1.44E-01	44787585	44787708	NC_000018.9
cg13560794	7.78E-07	1.07E-07	5.52	6.6601117	3.14E-02	39155777	39155900	NC_000017.10
cg25310241	7.78E-07	1.07E-07	5.52	6.6598146	7.05E-02	41513768	41513891	NC_000021.8
cg14391016	7.78E-07	1.07E-07	5.52	6.659585	6.14E-02	167523797	167523920	NC_000006.11
cg20589633	7.78E-07	1.07E-07	5.52	6.659583	3.03E-02	31778007	31778130	NC_000006.11
cg16612423	7.80E-07	1.07E-07	5.52	6.6579937	5.06E-02	6491884	6492007	NC_000005.9
cg14127659	7.80E-07	1.08E-07	5.52	6.6578477	8.02E-02	38350784	38350907	NC_000022.10
cg21268984	7.80E-07	1.08E-07	5.52	6.6573529	1.12E-01	8720599	8720722	NC_000001.10
cg11780096	7.80E-07	1.08E-07	5.52	6.6570921	4.97E-02	178976254	178976377	NC_000002.11

cg04453648	7.80E-07	1.08E-07	5.52	6.6568561	4.01E-02	78176139	78176262	NC_000017.10
cg14764357	7.81E-07	1.08E-07	5.52	6.6566699	3.93E-02	1093718	1093841	NC_000007.13
cg00922522	7.81E-07	1.08E-07	5.52	6.6565891	8.29E-02	130918862	130918985	NC_000012.11
cg05694245	7.81E-07	1.08E-07	5.52	6.6559123	1.80E-01	28034816	28034939	NC_000010.10
cg05457273	7.81E-07	1.08E-07	5.52	6.6557003	1.56E-01	113697649	113697772	NC_000005.9
cg02173749	7.82E-07	1.08E-07	5.52	6.6552917	1.92E-01	121104029	121104152	NC_000002.11
cg22098660	7.82E-07	1.08E-07	5.52	6.654453	7.09E-02	6107339	6107462	NC_000004.11
cg15877129	7.82E-07	1.08E-07	5.52	6.6542456	1.43E-01	103218238	103218361	NC_000012.11
cg10308611	7.83E-07	1.08E-07	5.52	6.6538521	5.39E-02	169567348	169567471	NC_000006.11
cg17497176	7.83E-07	1.08E-07	5.52	6.6533367	4.74E-02	150763829	150763952	NC_000007.13
cg04637372	7.85E-07	1.08E-07	5.52	6.6506219	1.07E-01	20617456	20617579	NC_000001.10
cg10318647	7.86E-07	1.08E-07	5.52	6.649346	4.20E-02	64671221	64671344	NC_000010.10
cg13443843	7.87E-07	1.08E-07	5.52	6.6488586	2.47E-02	42797239	42797362	NC_000001.10
cg09824563	7.88E-07	1.09E-07	5.52	6.6476509	5.18E-02	45586779	45586902	NC_000003.11
cg03666796	7.88E-07	1.09E-07	5.52	6.6473371	6.96E-02	134746860	134746983	NC_000010.10
cg21854621	7.88E-07	1.09E-07	5.52	6.6468597	1.22E-01	19136844	19136967	NC_000022.10
cg02573472	7.89E-07	1.09E-07	5.52	6.646123	8.66E-02	76940356	76940479	NC_000005.9
cg24676071	7.89E-07	1.09E-07	5.52	6.6459444	1.30E-01	45613410	45613533	NC_000007.13
cg15381251	7.89E-07	1.09E-07	5.52	6.6454434	1.00E-01	32555275	32555398	NC_000022.10
cg24886391	7.93E-07	1.09E-07	5.52	6.6403724	6.48E-02	132666527	132666650	NC_000012.11
cg22653976	7.93E-07	1.09E-07	5.52	6.6402068	1.48E-01	17741070	17741193	NC_000011.9
cg11573566	7.93E-07	1.09E-07	5.52	6.6400016	1.36E-01	1386087	1386210	NC_000006.11
cg11796455	7.94E-07	1.10E-07	5.52	6.6390746	1.11E-01	10883895	10884018	NC_000006.11
cg19795151	7.95E-07	1.10E-07	5.51	6.6374293	8.23E-02	134804172	134804295	NC_000010.10
cg09526693	7.96E-07	1.10E-07	5.51	6.6368713	5.78E-02	123378308	123378431	NC_000004.11

cg04142323	7.96E-07	1.10E-07	5.51	6.6362357	1.22E-01	87981449	87981572	NC_000005.9
cg09978023	7.97E-07	1.10E-07	5.51	6.6359546	7.78E-02	192608588	192608711	NC_000001.10
cg16705287	7.97E-07	1.10E-07	5.51	6.6358792	3.16E-02	1091566	1091689	NC_000019.9
cg08157194	7.97E-07	1.10E-07	5.51	6.6351076	2.43E-02	41185264	41185387	NC_000022.10
cg26953727	7.97E-07	1.10E-07	5.51	6.6348514	1.24E-01	134176231	134176354	NC_000006.11
cg12832649	7.97E-07	1.10E-07	5.51	6.6346875	1.12E-01	136834863	136834986	NC_000005.9
cg15190834	7.98E-07	1.10E-07	5.51	6.6345017	6.53E-02	34066196	34066319	NC_000007.13
cg11696388	7.98E-07	1.10E-07	5.51	6.6339164	1.04E-01	41557540	41557663	NC_000008.10
cg01134637	7.99E-07	1.10E-07	5.51	6.6327911	3.46E-02	55962522	55962645	NC_000017.10
cg09422701	7.99E-07	1.10E-07	5.51	6.6325719	1.78E-02	71961266	71961389	NC_000004.11
cg20576322	7.99E-07	1.10E-07	5.51	6.6320279	1.25E-01	85886384	85886507	NC_000004.11
cg10806820	8.01E-07	1.11E-07	5.51	6.6296559	1.06E-01	48699090	48699213	NC_000003.11
cg15767908	8.02E-07	1.11E-07	5.51	6.6293971	3.60E-02	28611503	28611626	NC_000002.11
cg12099459	8.02E-07	1.11E-07	5.51	6.6293499	7.60E-02	147826902	147827025	NC_000001.10
cg24507762	8.02E-07	1.11E-07	5.51	6.6290584	1.27E-01	48099890	48100013	NC_000020.10
cg24054180	8.03E-07	1.11E-07	5.51	6.628018	6.78E-02	112157241	112157364	NC_000011.9
cg16730824	8.03E-07	1.11E-07	5.51	6.6279394	8.15E-02	20809793	20809916	NC_000001.10
cg01609275	8.03E-07	1.11E-07	5.51	6.6275501	1.46E-01	37049091	37049214	NC_000014.8
cg00312921	8.03E-07	1.11E-07	5.51	6.6271879	1.49E-01	113441703	113441826	NC_000004.11
cg01725130	8.04E-07	1.11E-07	5.51	6.6261714	6.12E-02	92994158	92994281	NC_000014.8
cg24500799	8.04E-07	1.11E-07	5.51	6.6260384	8.12E-02	228676532	228676655	NC_000001.10
cg04995311	8.04E-07	1.11E-07	5.51	6.6255589	7.34E-02	57630446	57630569	NC_000019.9
cg01274907	8.05E-07	1.11E-07	5.51	6.6250931	1.07E-01	140568075	140568198	NC_000005.9
cg01337391	8.05E-07	1.11E-07	5.51	6.6248624	9.22E-02	54324358	54324481	NC_000016.9
cg09579094	8.05E-07	1.11E-07	5.51	6.624675	4.90E-02	174949048	174949171	NC_000002.11

cg06224178	8.05E-07	1.11E-07	5.51	6.6242145	5.86E-02	131360571	131360694	NC_000008.10
cg20755170	8.06E-07	1.11E-07	5.51	6.6240744	1.35E-01	145720024	145720147	NC_000005.9
cg06898306	8.06E-07	1.11E-07	5.51	6.623316	6.78E-02	33996673	33996796	NC_000006.11
cg25691959	8.07E-07	1.11E-07	5.51	6.6224835	4.66E-02	36802391	36802514	NC_000019.9
cg04851268	8.07E-07	1.11E-07	5.51	6.6223541	1.38E-01	172167445	172167568	NC_000003.11
cg11155432	8.07E-07	1.12E-07	5.51	6.6223231	1.59E-01	27038802	27038925	NC_000005.9
cg21566689	8.08E-07	1.12E-07	5.51	6.6211365	1.08E-01	27534346	27534469	NC_000006.11
cg09786978	8.09E-07	1.12E-07	5.51	6.6200814	5.16E-02	734704	734827	NC_000011.9
cg07222861	8.09E-07	1.12E-07	5.51	6.6200433	1.24E-01	32355084	32355207	NC_000001.10
cg26560110	8.09E-07	1.12E-07	5.51	6.61983	1.24E-01	28603161	28603284	NC_000006.11
cg01620208	8.10E-07	1.12E-07	5.51	6.6180948	5.06E-02	142311010	142311133	NC_000008.10
cg02655630	8.10E-07	1.12E-07	5.51	6.6178722	9.97E-02	44658941	44659064	NC_000020.10
cg06936631	8.11E-07	1.12E-07	5.51	6.6174378	1.11E-01	51171997	51172120	NC_000019.9
cg27351358	8.11E-07	1.12E-07	5.51	6.6167628	1.37E-01	27743258	27743381	NC_000011.9
cg16839815	8.12E-07	1.12E-07	5.51	6.6160091	7.17E-02	39230320	39230443	NC_000003.11
cg00468400	8.12E-07	1.12E-07	5.51	6.6157833	5.06E-02	57357785	57357908	NC_000008.10
cg05163177	8.12E-07	1.12E-07	5.51	6.6156872	1.75E-02	1783521	1783644	NC_000016.9
cg10463207	8.12E-07	1.12E-07	5.51	6.6156017	9.64E-02	3182108	3182231	NC_000005.9
cg19734830	8.13E-07	1.12E-07	5.51	6.6151474	9.22E-02	49139600	49139723	NC_000022.10
cg09741713	8.13E-07	1.12E-07	5.51	6.614799	8.39E-02	62471915	62472038	NC_000012.11
cg22633722	8.13E-07	1.12E-07	5.51	6.6140315	1.39E-01	44496743	44496866	NC_000021.8
cg04209885	8.14E-07	1.12E-07	5.51	6.6138973	6.31E-02	134109755	134109878	NC_000010.10
cg00285620	8.14E-07	1.13E-07	5.51	6.6135505	7.07E-02	102147694	102147817	NC_000011.9
cg22798201	8.14E-07	1.13E-07	5.51	6.6134341	1.22E-01	46995637	46995760	NC_000004.11
cg06287783	8.14E-07	1.13E-07	5.51	6.6132679	5.98E-02	33137622	33137745	NC_000006.11

cg09516959	8.14E-07	1.13E-07	5.51	6.6132506	8.57E-02	30721478	30721601	NC_000007.13
cg01047904	8.14E-07	1.13E-07	5.51	6.6130611	1.57E-01	20521183	20521306	NC_000012.11
cg12241333	8.15E-07	1.13E-07	5.51	6.6119802	7.98E-02	31355430	31355553	NC_000015.9
cg15751948	8.16E-07	1.13E-07	5.51	6.6108416	1.23E-01	74870268	74870391	NC_000011.9
cg24947324	8.16E-07	1.13E-07	5.51	6.6106419	5.66E-02	4566677	4566800	NC_000019.9
cg01637404	8.17E-07	1.13E-07	5.51	6.6100527	1.32E-01	86322358	86322481	NC_000016.9
cg25147376	8.17E-07	1.13E-07	5.51	6.6100071	1.18E-01	166890293	166890416	NC_000001.10
cg03881544	8.17E-07	1.13E-07	5.51	6.6097285	1.45E-01	5712581	5712704	NC_000004.11
cg10805220	8.17E-07	1.13E-07	5.51	6.6095096	6.91E-02	140812464	140812587	NC_000005.9
cg23129478	8.17E-07	1.13E-07	5.51	6.6090813	1.56E-01	44337922	44338045	NC_000018.9
cg11909064	8.17E-07	1.13E-07	5.51	6.608818	2.76E-02	155578034	155578157	NC_000006.11
cg21088108	8.18E-07	1.13E-07	5.51	6.6084751	5.66E-02	77075025	77075148	NC_000017.10
cg10649903	8.18E-07	1.13E-07	5.51	6.6082353	1.09E-01	140181058	140181181	NC_000005.9
cg18496440	8.18E-07	1.13E-07	5.51	6.6082265	9.51E-02	158532302	158532425	NC_000005.9
cg22614239	8.18E-07	1.13E-07	5.51	6.6077964	1.32E-01	147106208	147106331	NC_000003.11
cg21543987	8.18E-07	1.13E-07	5.51	6.6075015	1.12E-01	1272486	1272609	NC_000007.13
cg00978901	8.19E-07	1.13E-07	5.51	6.607252	9.33E-02	22956280	22956403	NC_000001.10
cg17156743	8.19E-07	1.13E-07	5.51	6.6069176	1.34E-01	28603171	28603294	NC_000006.11
cg15576900	8.19E-07	1.13E-07	5.51	6.6068152	1.77E-01	44883697	44883820	NC_000001.10
cg03155271	8.19E-07	1.13E-07	5.51	6.606537	4.00E-02	49646909	49647032	NC_000019.9
cg14688451	8.19E-07	1.13E-07	5.51	6.6065249	1.21E-01	124303035	124303158	NC_000003.11
cg11807539	8.20E-07	1.13E-07	5.51	6.6057907	6.14E-02	132822403	132822526	NC_000012.11
cg02213260	8.20E-07	1.13E-07	5.51	6.6053982	9.83E-02	23834995	23835118	NC_000014.8
cg13600755	8.20E-07	1.14E-07	5.51	6.6049955	2.41E-02	59499084	59499207	NC_000015.9
cg13721429	8.21E-07	1.14E-07	5.51	6.6045566	1.87E-01	106975246	106975369	NC_000012.11

cg27529668	8.21E-07	1.14E-07	5.51	6.6035915	6.55E-02	79224770	79224893	NC_000017.10
cg00290033	8.22E-07	1.14E-07	5.51	6.6031299	3.15E-02	14640562	14640685	NC_000006.11
cg26244109	8.22E-07	1.14E-07	5.51	6.6027285	3.15E-02	57640690	57640813	NC_000012.11
cg02637414	8.22E-07	1.14E-07	5.51	6.6027141	9.52E-02	13613091	13613214	NC_000019.9
cg15073914	8.22E-07	1.14E-07	5.51	6.6024187	2.82E-02	3733090	3733213	NC_000001.10
cg11653858	8.23E-07	1.14E-07	5.51	6.6021692	6.19E-02	26799289	26799412	NC_000017.10
cg03869608	8.23E-07	1.14E-07	5.51	6.6011846	1.42E-01	73674656	73674779	NC_000003.11
cg10323433	8.24E-07	1.14E-07	5.51	6.6005785	1.20E-01	47471562	47471685	NC_000013.10
cg17500587	8.25E-07	1.14E-07	5.51	6.5994449	1.62E-01	118922194	118922317	NC_000010.10
cg12789472	8.25E-07	1.14E-07	5.51	6.5992494	4.39E-02	161063939	161064062	NC_000003.11
cg03340649	8.25E-07	1.14E-07	5.51	6.5989076	1.55E-01	44626453	44626576	NC_000003.11
cg14256008	8.25E-07	1.14E-07	5.51	6.5985608	1.62E-01	131200631	131200754	NC_000012.11
cg23689579	8.26E-07	1.14E-07	5.51	6.5980778	1.22E-01	221795858	221795981	NC_000002.11
cg00158789	8.27E-07	1.15E-07	5.51	6.5961825	1.26E-01	59534683	59534806	NC_000017.10
cg25607948	8.28E-07	1.15E-07	5.51	6.594689	7.82E-02	92007887	92008010	NC_000001.10
cg12871937	8.29E-07	1.15E-07	5.51	6.5943875	4.33E-02	14394404	14394527	NC_000003.11
cg14716734	8.29E-07	1.15E-07	5.51	6.5934604	5.43E-02	18549397	18549520	NC_000010.10
cg12045511	8.31E-07	1.15E-07	5.51	6.5919755	3.19E-02	42193157	42193280	NC_000015.9
cg27419075	8.31E-07	1.15E-07	5.51	6.591318	8.11E-02	72295168	72295291	NC_000011.9
cg17212685	8.31E-07	1.15E-07	5.5	6.5908865	3.25E-02	55412004	55412127	NC_000007.13
cg11313411	8.32E-07	1.15E-07	5.5	6.5907324	2.06E-02	33391277	33391400	NC_000006.11
cg20421446	8.32E-07	1.15E-07	5.5	6.5903785	1.03E-01	5994588	5994711	NC_000006.11
cg20850275	8.33E-07	1.15E-07	5.5	6.589517	1.94E-02	32917641	32917764	NC_000006.11
cg15168906	8.33E-07	1.15E-07	5.5	6.5887947	8.05E-02	2162783	2162906	NC_000011.9
cg16619378	8.33E-07	1.15E-07	5.5	6.5884294	1.18E-01	14207530	14207653	NC_000017.10



cg14220181	8.34E-07	1.15E-07	5.5	6.5882078	6.67E-02	234891861	234891984	NC_000002.11
cg13212362	8.34E-07	1.16E-07	5.5	6.5879402	1.09E-01	21648026	21648149	NC_000001.10
cg00665492	8.34E-07	1.16E-07	5.5	6.5878439	1.92E-01	164914575	164914698	NC_000003.11
cg13756879	8.34E-07	1.16E-07	5.5	6.5874831	1.76E-01	2161473	2161596	NC_000011.9
cg23967742	8.34E-07	1.16E-07	5.5	6.5873714	1.66E-01	90966701	90966824	NC_000010.10
cg03333330	8.34E-07	1.16E-07	5.5	6.5873509	1.60E-01	93520346	93520469	NC_000007.13
cg08628428	8.35E-07	1.16E-07	5.5	6.5864803	7.87E-02	14352476	14352599	NC_000017.10
cg04745673	8.35E-07	1.16E-07	5.5	6.5861193	1.47E-01	103359368	103359491	NC_000012.11
cg22596049	8.35E-07	1.16E-07	5.5	6.5860915	8.18E-02	9929867	9929990	NC_000017.10
cg09538995	8.35E-07	1.16E-07	5.5	6.586018	1.34E-01	128301156	128301279	NC_000005.9
cg18443437	8.35E-07	1.16E-07	5.5	6.5860109	1.05E-01	3326731	3326854	NC_000005.9
cg12837173	8.36E-07	1.16E-07	5.5	6.5852611	5.18E-02	101595316	101595439	NC_000014.8
cg14012564	8.37E-07	1.16E-07	5.5	6.5843799	4.17E-02	47133876	47133999	NC_000010.10
cg20891501	8.37E-07	1.16E-07	5.5	6.5835698	1.63E-01	36979758	36979881	NC_000014.8
cg08411886	8.40E-07	1.16E-07	5.5	6.5803482	6.05E-02	70513830	70513953	NC_000016.9
cg10748160	8.40E-07	1.16E-07	5.5	6.5802224	1.88E-01	6202384	6202507	NC_000004.11
cg04380229	8.40E-07	1.16E-07	5.5	6.5801862	3.28E-02	1084931	1085054	NC_000005.9
cg25974442	8.40E-07	1.16E-07	5.5	6.5799345	2.92E-02	18225728	18225851	NC_000019.9
cg16993582	8.40E-07	1.17E-07	5.5	6.5796052	9.16E-02	92795230	92795353	NC_000014.8
cg04081201	8.41E-07	1.17E-07	5.5	6.5791794	1.18E-01	86601024	86601147	NC_000016.9
cg25775322	8.41E-07	1.17E-07	5.5	6.5791498	1.61E-01	154710373	154710496	NC_000004.11
cg08983097	8.41E-07	1.17E-07	5.5	6.5788927	1.14E-01	117586538	117586661	NC_000006.11
cg10977734	8.41E-07	1.17E-07	5.5	6.5788894	4.89E-02	30582416	30582539	NC_000006.11
cg13945224	8.41E-07	1.17E-07	5.5	6.5788889	1.42E-01	98111970	98112093	NC_000009.11
cg08367573	8.41E-07	1.17E-07	5.5	6.5787383	9.70E-02	194538878	194539001	NC_000003.11

cg13266435	8.41E-07	1.17E-07	5.5	6.5784743	1.14E-01	14748220	14748343	NC_000018.9
cg06533798	8.43E-07	1.17E-07	5.5	6.5766945	8.80E-02	59323070	59323193	NC_000011.9
cg13279713	8.43E-07	1.17E-07	5.5	6.576162	3.79E-02	117011938	117012061	NC_000011.9
cg25744277	8.44E-07	1.17E-07	5.5	6.5752498	5.04E-02	28148431	28148554	NC_000015.9
cg21090429	8.44E-07	1.17E-07	5.5	6.5748432	2.99E-02	141825462	141825585	NC_000005.9
cg25288034	8.45E-07	1.17E-07	5.5	6.5744908	9.11E-02	125117367	125117490	NC_000010.10
cg18160614	8.45E-07	1.17E-07	5.5	6.5743979	7.05E-02	25567240	25567363	NC_000001.10
cg23437843	8.45E-07	1.17E-07	5.5	6.5742457	1.03E-01	44596360	44596483	NC_000003.11
cg01148731	8.45E-07	1.17E-07	5.5	6.5740436	7.59E-02	174156296	174156419	NC_000005.9
cg23225469	8.45E-07	1.17E-07	5.5	6.5737063	4.95E-02	72038427	72038550	NC_000011.9
cg01884014	8.46E-07	1.17E-07	5.5	6.5732006	5.23E-02	132202520	132202643	NC_000002.11
cg12412154	8.46E-07	1.17E-07	5.5	6.5728681	6.47E-02	61222064	61222187	NC_000018.9
cg17199325	8.47E-07	1.17E-07	5.5	6.5720236	1.20E-01	23821229	23821352	NC_000014.8
cg14716780	8.48E-07	1.18E-07	5.5	6.5706367	2.49E-02	42075871	42075994	NC_000006.11
cg00539925	8.48E-07	1.18E-07	5.5	6.5706156	7.77E-02	160366521	160366644	NC_000001.10
cg07008544	8.48E-07	1.18E-07	5.5	6.5705039	7.60E-02	1203382	1203505	NC_000016.9
cg27138951	8.48E-07	1.18E-07	5.5	6.5703264	6.44E-02	26188943	26189066	NC_000020.10
cg09286626	8.48E-07	1.18E-07	5.5	6.5696632	4.22E-02	113660999	113661122	NC_000011.9
cg11684826	8.49E-07	1.18E-07	5.5	6.5691473	8.62E-02	6055582	6055705	NC_000007.13
cg25580076	8.49E-07	1.18E-07	5.5	6.5689997	1.25E-01	102748541	102748664	NC_000010.10
cg23040064	8.49E-07	1.18E-07	5.5	6.5689504	1.30E-01	87635784	87635907	NC_000016.9
cg03985874	8.49E-07	1.18E-07	5.5	6.5684955	5.28E-02	242438731	242438854	NC_000002.11
cg10516080	8.50E-07	1.18E-07	5.5	6.567745	8.68E-02	88784937	88785060	NC_000012.11
cg08064068	8.50E-07	1.18E-07	5.5	6.5674793	1.21E-01	60671024	60671147	NC_000014.8
cg26668276	8.51E-07	1.18E-07	5.5	6.5662892	1.33E-01	96633311	96633434	NC_000007.13

cg07040834	8.51E-07	1.18E-07	5.5	6.5660815	1.87E-01	44063541	44063664	NC_000003.11
cg24834751	8.51E-07	1.18E-07	5.5	6.5660219	1.43E-01	131194447	131194570	NC_000010.10
cg00123762	8.51E-07	1.18E-07	5.5	6.5657345	1.53E-01	41343697	41343820	NC_000006.11
cg21212139	8.52E-07	1.18E-07	5.5	6.5649311	1.61E-01	86886588	86886711	NC_000009.11
cg06698575	8.52E-07	1.18E-07	5.5	6.5648997	8.15E-02	117470875	117470998	NC_000012.11
cg07850967	8.52E-07	1.18E-07	5.5	6.5648911	3.87E-02	54785550	54785673	NC_000002.11
cg21647460	8.52E-07	1.18E-07	5.5	6.5645872	3.58E-02	1265243	1265366	NC_000001.10
cg23618440	8.53E-07	1.18E-07	5.5	6.5641449	1.42E-01	48036605	48036728	NC_000006.11
cg14326671	8.53E-07	1.18E-07	5.5	6.5641333	1.40E-01	77585318	77585441	NC_000008.10
cg15503722	8.53E-07	1.18E-07	5.5	6.5638525	1.35E-01	122850522	122850645	NC_000011.9
cg24798853	8.53E-07	1.18E-07	5.5	6.5636079	6.81E-02	58866721	58866844	NC_000011.9
cg19371526	8.53E-07	1.18E-07	5.5	6.5631964	1.14E-01	2161341	2161464	NC_000011.9
cg17645823	8.54E-07	1.19E-07	5.5	6.5626044	1.12E-01	114846321	114846444	NC_000012.11
cg19735097	8.54E-07	1.19E-07	5.5	6.5625871	5.16E-02	36646372	36646495	NC_000017.10
cg11077561	8.54E-07	1.19E-07	5.5	6.5623237	2.56E-02	197026019	197026142	NC_000003.11
cg23585686	8.54E-07	1.19E-07	5.5	6.5620936	4.41E-02	242787243	242787366	NC_000002.11
cg26980034	8.55E-07	1.19E-07	5.5	6.5618669	8.60E-02	53530624	53530747	NC_000006.11
cg24617171	8.55E-07	1.19E-07	5.5	6.5609137	1.21E-01	121567396	121567519	NC_000011.9
cg12950492	8.55E-07	1.19E-07	5.5	6.5608891	6.76E-02	187000846	187000969	NC_000004.11
cg05052324	8.56E-07	1.19E-07	5.5	6.5603604	1.57E-01	18957020	18957143	NC_000001.10
cg00462168	8.56E-07	1.19E-07	5.5	6.5597812	1.53E-01	79724794	79724917	NC_000015.9
cg15164958	8.57E-07	1.19E-07	5.5	6.5587878	1.64E-01	54609587	54609710	NC_000007.13
cg01037703	8.60E-07	1.19E-07	5.5	6.5557737	9.31E-02	45014547	45014670	NC_000022.10
cg02565132	8.60E-07	1.19E-07	5.5	6.5556857	7.91E-02	109559473	109559596	NC_000002.11
cg20103919	8.60E-07	1.19E-07	5.5	6.5556362	2.69E-02	22211317	22211440	NC_000001.10

cg20606555	8.60E-07	1.19E-07	5.5	6.5554927	6.74E-02	52452094	52452217	NC_000019.9
cg15715507	8.60E-07	1.19E-07	5.5	6.5554154	8.79E-02	140053663	140053786	NC_000005.9
cg23034373	8.60E-07	1.20E-07	5.5	6.5548662	9.42E-02	37915354	37915477	NC_000021.8
cg07035515	8.61E-07	1.20E-07	5.5	6.5544015	1.01E-01	78493704	78493827	NC_000013.10
cg18797282	8.61E-07	1.20E-07	5.5	6.5535425	2.04E-02	50387146	50387269	NC_000003.11
cg15267250	8.62E-07	1.20E-07	5.5	6.5533201	5.75E-02	128146064	128146187	NC_000003.11
cg02422694	8.62E-07	1.20E-07	5.5	6.5531632	1.62E-01	46655790	46655913	NC_000017.10
cg13703049	8.62E-07	1.20E-07	5.5	6.552918	2.10E-01	27213610	27213733	NC_000007.13
cg25306480	8.62E-07	1.20E-07	5.5	6.5527725	9.83E-02	134226517	134226640	NC_000010.10
cg17289378	8.62E-07	1.20E-07	5.5	6.5527629	1.37E-01	168773658	168773781	NC_000006.11
cg24621972	8.62E-07	1.20E-07	5.5	6.5522728	1.31E-01	223160175	223160298	NC_000002.11
cg04066190	8.63E-07	1.20E-07	5.5	6.5516352	1.24E-01	10407470	10407593	NC_000006.11
cg11895835	8.63E-07	1.20E-07	5.5	6.5515177	1.34E-01	111078476	111078599	NC_000005.9
cg12767109	8.64E-07	1.20E-07	5.5	6.5507717	6.74E-02	73017736	73017859	NC_000007.13
cg07175288	8.64E-07	1.20E-07	5.5	6.5505086	9.18E-02	76266437	76266560	NC_000018.9
cg08852245	8.64E-07	1.20E-07	5.5	6.5501628	1.22E-01	175138785	175138908	NC_000004.11
cg22324022	8.64E-07	1.20E-07	5.5	6.5498585	1.62E-01	51259703	51259826	NC_000002.11
cg10814202	8.65E-07	1.20E-07	5.5	6.5490211	3.05E-02	75461141	75461264	NC_000014.8
cg21343223	8.65E-07	1.20E-07	5.5	6.5485233	5.65E-02	28700127	28700250	NC_000015.9
cg13022459	8.67E-07	1.21E-07	5.5	6.5468543	4.62E-02	112374876	112374999	NC_000006.11
cg08279075	8.67E-07	1.21E-07	5.5	6.5466584	1.85E-01	54318772	54318895	NC_000016.9
cg09918510	8.67E-07	1.21E-07	5.5	6.546335	2.07E-01	71264579	71264702	NC_000016.9
cg06485521	8.68E-07	1.21E-07	5.5	6.5449347	7.58E-02	53530600	53530723	NC_000006.11
cg10126931	8.69E-07	1.21E-07	5.5	6.5447089	9.68E-02	197300499	197300622	NC_000003.11
cg04406454	8.69E-07	1.21E-07	5.5	6.5435909	1.18E-01	10398494	10398617	NC_000006.11

cg19026547	8.70E-07	1.21E-07	5.49	6.5432919	7.00E-02	42688838	42688961	NC_000022.10
cg13405783	8.71E-07	1.21E-07	5.49	6.5420867	1.76E-01	54164296	54164419	NC_000008.10
cg17547742	8.71E-07	1.21E-07	5.49	6.5414704	1.65E-01	985589	985712	NC_000011.9
cg24028202	8.72E-07	1.21E-07	5.49	6.5400704	1.21E-01	74424640	74424763	NC_000015.9
cg08234354	8.73E-07	1.21E-07	5.49	6.5399358	1.26E-01	72269398	72269521	NC_000008.10
cg15237820	8.73E-07	1.21E-07	5.49	6.5396752	2.96E-02	78984332	78984455	NC_000004.11
cg23209926	8.73E-07	1.21E-07	5.49	6.5389781	3.87E-02	107865419	107865542	NC_000013.10
cg06201512	8.74E-07	1.22E-07	5.49	6.5386479	2.44E-02	143121549	143121672	NC_000007.13
cg12797828	8.74E-07	1.22E-07	5.49	6.5379915	1.15E-01	106520928	106521051	NC_000008.10
cg14207728	8.74E-07	1.22E-07	5.49	6.5378842	1.45E-01	67217886	67218009	NC_000001.10
cg17700915	8.74E-07	1.22E-07	5.49	6.5378333	1.80E-01	52840042	52840165	NC_000019.9
cg00902374	8.75E-07	1.22E-07	5.49	6.5374073	1.10E-01	25461111	25461234	NC_000003.11
cg19935040	8.75E-07	1.22E-07	5.49	6.5367756	8.20E-02	42432165	42432288	NC_000017.10
cg06921573	8.76E-07	1.22E-07	5.49	6.5363886	1.19E-01	50889128	50889251	NC_000001.10
cg11058916	8.76E-07	1.22E-07	5.49	6.5360653	7.82E-02	34257749	34257872	NC_000016.9
cg21699342	8.76E-07	1.22E-07	5.49	6.5357074	7.91E-02	239360505	239360628	NC_000002.11
cg23249369	8.78E-07	1.22E-07	5.49	6.5339854	7.59E-02	57426759	57426882	NC_000020.10
cg00775172	8.78E-07	1.22E-07	5.49	6.5336276	5.39E-02	37601268	37601391	NC_000022.10
cg05386493	8.78E-07	1.22E-07	5.49	6.5334557	1.78E-01	138665654	138665777	NC_000003.11
cg26992949	8.78E-07	1.22E-07	5.49	6.5332788	6.29E-02	13919339	13919462	NC_000005.9
cg15992284	8.79E-07	1.22E-07	5.49	6.5324419	1.19E-01	91191254	91191377	NC_000001.10
cg01651570	8.79E-07	1.22E-07	5.49	6.5319419	1.00E-01	104194141	104194264	NC_000014.8
cg16201899	8.80E-07	1.22E-07	5.49	6.531216	5.48E-02	52766123	52766246	NC_000013.10
cg06108782	8.80E-07	1.23E-07	5.49	6.530588	1.04E-01	50817213	50817336	NC_000010.10
cg14888445	8.81E-07	1.23E-07	5.49	6.5301052	2.08E-02	101184494	101184617	NC_000013.10

cg23158731	8.81E-07	1.23E-07	5.49	6.5293902	9.91E-02	121137734	121137857	NC_000008.10
cg21715903	8.82E-07	1.23E-07	5.49	6.5289343	5.00E-02	51275527	51275650	NC_000006.11
cg12184012	8.82E-07	1.23E-07	5.49	6.5284027	9.47E-02	801195	801318	NC_000005.9
cg04534008	8.82E-07	1.23E-07	5.49	6.5283194	5.06E-02	39594441	39594564	NC_000017.10
cg09470963	8.83E-07	1.23E-07	5.49	6.5278929	2.97E-02	169556657	169556780	NC_000001.10
cg22850451	8.83E-07	1.23E-07	5.49	6.527285	7.87E-02	17829496	17829619	NC_000019.9
cg21872336	8.83E-07	1.23E-07	5.49	6.5272725	1.77E-01	1710378	1710501	NC_000007.13
cg10514113	8.83E-07	1.23E-07	5.49	6.5270418	2.45E-02	80765517	80765640	NC_000017.10
cg10200169	8.84E-07	1.23E-07	5.49	6.5266399	4.37E-02	54291194	54291317	NC_000019.9
cg11743448	8.84E-07	1.23E-07	5.49	6.5257454	1.53E-01	103889960	103890083	NC_000012.11
cg01440841	8.85E-07	1.23E-07	5.49	6.5254271	1.74E-01	154681066	154681189	NC_000004.11
cg01033463	8.85E-07	1.23E-07	5.49	6.525316	1.37E-01	45404843	45404966	NC_000022.10
cg20852250	8.85E-07	1.23E-07	5.49	6.5246572	9.56E-02	72149422	72149545	NC_000003.11
cg04165000	8.86E-07	1.23E-07	5.49	6.524202	1.11E-01	53375279	53375402	NC_000006.11
cg15161394	8.86E-07	1.23E-07	5.49	6.5238836	1.30E-01	145722909	145723032	NC_000005.9
cg09120725	8.87E-07	1.24E-07	5.49	6.5227145	7.01E-02	168971785	168971908	NC_000006.11
cg06941037	8.87E-07	1.24E-07	5.49	6.5224092	9.11E-02	88534973	88535096	NC_000010.10
cg00034433	8.87E-07	1.24E-07	5.49	6.5222831	1.57E-01	224803837	224803960	NC_000001.10
cg14136086	8.87E-07	1.24E-07	5.49	6.522053	9.31E-02	46863924	46864047	NC_000021.8
cg09411999	8.88E-07	1.24E-07	5.49	6.5218732	1.08E-01	27214383	27214506	NC_000007.13
cg06562865	8.89E-07	1.24E-07	5.49	6.5203226	1.33E-01	74961451	74961574	NC_000018.9
cg04487857	8.89E-07	1.24E-07	5.49	6.5200065	1.39E-01	139096540	139096663	NC_000004.11
cg19671026	8.90E-07	1.24E-07	5.49	6.5191948	9.31E-02	40005652	40005775	NC_000019.9
cg07726288	8.90E-07	1.24E-07	5.49	6.5191621	8.12E-02	248855278	248855401	NC_000001.10
cg07546255	8.90E-07	1.24E-07	5.49	6.5189656	1.66E-01	131200134	131200257	NC_000012.11

cg18254356	8.91E-07	1.24E-07	5.49	6.5180239	8.95E-02	43044573	43044696	NC_000005.9
cg19020758	8.91E-07	1.24E-07	5.49	6.5176862	4.77E-02	77316152	77316275	NC_000018.9
cg05239311	8.91E-07	1.24E-07	5.49	6.5176652	2.12E-01	78913147	78913270	NC_000015.9
cg17102963	8.91E-07	1.24E-07	5.49	6.517635	1.31E-01	231298758	231298881	NC_000001.10
cg03742250	8.91E-07	1.24E-07	5.49	6.5173294	9.10E-02	74550235	74550358	NC_000017.10
cg01199495	8.92E-07	1.24E-07	5.49	6.5168134	9.54E-02	31019946	31020069	NC_000018.9
cg02340853	8.92E-07	1.24E-07	5.49	6.5167452	3.58E-02	39502887	39503010	NC_000017.10
cg24413662	8.92E-07	1.24E-07	5.49	6.5164714	1.67E-01	122311293	122311416	NC_000011.9
cg16282552	8.92E-07	1.24E-07	5.49	6.5163782	5.27E-02	56607144	56607267	NC_000005.9
cg00693419	8.93E-07	1.24E-07	5.49	6.5155283	9.58E-02	79325320	79325443	NC_000010.10
cg11060379	8.93E-07	1.25E-07	5.49	6.515004	5.09E-02	32847675	32847798	NC_000006.11
cg03748158	8.94E-07	1.25E-07	5.49	6.5139891	6.82E-02	85670174	85670297	NC_000016.9
cg14910175	8.95E-07	1.25E-07	5.49	6.513483	8.79E-02	131840954	131841077	NC_000010.10
cg00683984	8.95E-07	1.25E-07	5.49	6.5132465	9.32E-02	45615337	45615460	NC_000007.13
cg08659539	8.95E-07	1.25E-07	5.49	6.5131421	2.99E-02	41098188	41098311	NC_000015.9
cg06873374	8.96E-07	1.25E-07	5.49	6.5124812	4.16E-02	11504794	11504917	NC_000010.10
cg26322711	8.96E-07	1.25E-07	5.49	6.5123015	2.96E-02	105846908	105847031	NC_000010.10
cg09481347	8.96E-07	1.25E-07	5.49	6.5118484	3.17E-02	51968758	51968881	NC_000007.13
cg09553651	8.96E-07	1.25E-07	5.49	6.5116423	9.15E-02	60411555	60411678	NC_000015.9
cg13493426	8.96E-07	1.25E-07	5.49	6.5115265	1.15E-01	34111564	34111687	NC_000014.8
cg15327559	8.96E-07	1.25E-07	5.49	6.5114921	2.49E-02	180925922	180926045	NC_000001.10
cg13564742	8.97E-07	1.25E-07	5.49	6.5110249	1.36E-01	100614879	100615002	NC_000009.11
cg00979369	8.97E-07	1.25E-07	5.49	6.5107085	5.69E-02	69403340	69403463	NC_000014.8
cg01511828	8.98E-07	1.25E-07	5.49	6.5099073	1.62E-01	57365520	57365643	NC_000018.9
cg09939303	8.98E-07	1.25E-07	5.49	6.509863	4.11E-02	304080	304203	NC_000011.9

cg07002403	8.98E-07	1.25E-07	5.49	6.5098323	1.59E-01	68687951	68688074	NC_000010.10
cg03617826	8.99E-07	1.25E-07	5.49	6.5077224	1.34E-01	140718405	140718528	NC_000005.9
cg25663892	9.00E-07	1.25E-07	5.49	6.507687	7.24E-02	10553728	10553851	NC_000008.10
cg08607625	9.00E-07	1.26E-07	5.49	6.5072909	3.95E-02	150690699	150690822	NC_000007.13
cg12154261	9.00E-07	1.26E-07	5.49	6.5071656	7.58E-02	104394530	104394653	NC_000014.8
cg11441617	9.00E-07	1.26E-07	5.49	6.5065645	3.47E-02	54646104	54646227	NC_000019.9
cg19675142	9.00E-07	1.26E-07	5.49	6.5065188	9.33E-02	116107015	116107138	NC_000001.10
cg16482324	9.01E-07	1.26E-07	5.49	6.5062776	1.36E-01	69065031	69065154	NC_000007.13
cg10963061	9.01E-07	1.26E-07	5.49	6.5061068	1.64E-01	158147729	158147852	NC_000001.10
cg05185040	9.01E-07	1.26E-07	5.49	6.506008	8.21E-02	41425077	41425200	NC_000008.10
cg19109570	9.02E-07	1.26E-07	5.49	6.5052649	5.47E-02	77376639	77376762	NC_000018.9
cg23285599	9.03E-07	1.26E-07	5.49	6.5039363	3.10E-02	32020572	32020695	NC_000006.11
cg06717565	9.03E-07	1.26E-07	5.49	6.5034545	1.07E-01	114836487	114836610	NC_000012.11
cg19568544	9.04E-07	1.26E-07	5.49	6.5029897	1.28E-01	140514811	140514934	NC_000005.9
cg13453520	9.04E-07	1.26E-07	5.49	6.5024691	1.34E-01	48485306	48485429	NC_000004.11
cg09974298	9.05E-07	1.26E-07	5.49	6.5010465	4.48E-02	202503750	202503873	NC_000002.11
cg09086201	9.05E-07	1.26E-07	5.49	6.5009302	1.50E-01	50692495	50692618	NC_000006.11
cg13238680	9.05E-07	1.26E-07	5.49	6.5008937	5.90E-02	65733273	65733396	NC_000010.10
cg09435668	9.07E-07	1.27E-07	5.49	6.4987868	8.17E-02	22194163	22194286	NC_000017.10
cg04060571	9.08E-07	1.27E-07	5.49	6.4982366	9.04E-02	75267857	75267980	NC_000016.9
cg05132306	9.08E-07	1.27E-07	5.49	6.4981552	7.32E-02	1846340	1846463	NC_000001.10
cg17255005	9.08E-07	1.27E-07	5.49	6.4978394	8.36E-02	129418540	129418663	NC_000006.11
cg03610826	9.09E-07	1.27E-07	5.49	6.4967473	4.80E-02	19098212	19098335	NC_000008.10
cg08216584	9.09E-07	1.27E-07	5.49	6.4967407	4.72E-02	72056209	72056332	NC_000004.11
cg02706653	9.10E-07	1.27E-07	5.49	6.4961163	1.31E-01	17208584	17208707	NC_000020.10



cg07687043	9.10E-07	1.27E-07	5.49	6.4958746	2.19E-02	140484977	140485100	NC_000009.11
cg06223466	9.10E-07	1.27E-07	5.49	6.4958592	1.88E-01	4922708	4922831	NC_000007.13
cg25279586	9.11E-07	1.27E-07	5.48	6.4950714	1.09E-01	7566258	7566381	NC_000018.9
cg16248311	9.11E-07	1.27E-07	5.48	6.4947617	2.30E-02	79844423	79844546	NC_000012.11
cg05401965	9.11E-07	1.27E-07	5.48	6.494741	1.32E-01	134070039	134070162	NC_000004.11
cg26920627	9.11E-07	1.27E-07	5.48	6.4942575	4.56E-02	7319248	7319371	NC_000001.10
cg08722774	9.12E-07	1.27E-07	5.48	6.4935766	1.55E-01	71338423	71338546	NC_000010.10
cg08275306	9.12E-07	1.27E-07	5.48	6.4934625	1.54E-01	43572359	43572482	NC_000010.10
cg21531654	9.13E-07	1.27E-07	5.48	6.4926835	4.26E-02	155834151	155834274	NC_000007.13
cg23511613	9.13E-07	1.27E-07	5.48	6.4925898	2.02E-01	88752322	88752445	NC_000002.11
cg01767631	9.13E-07	1.27E-07	5.48	6.4923941	1.03E-01	20716728	20716851	NC_000013.10
cg23292160	9.13E-07	1.28E-07	5.48	6.4920116	1.18E-01	154710425	154710548	NC_000004.11
cg00245613	9.13E-07	1.28E-07	5.48	6.4919672	5.15E-02	143326069	143326192	NC_000008.10
cg21032661	9.14E-07	1.28E-07	5.48	6.4914433	5.85E-02	74372798	74372921	NC_000002.11
cg16505528	9.14E-07	1.28E-07	5.48	6.4909382	7.06E-02	76318945	76319068	NC_000018.9
cg03722802	9.14E-07	1.28E-07	5.48	6.490523	8.78E-02	26495178	26495301	NC_000001.10
cg07628771	9.15E-07	1.28E-07	5.48	6.4900235	9.32E-02	4383660	4383783	NC_000007.13
cg07234439	9.15E-07	1.28E-07	5.48	6.4898929	3.96E-02	110479374	110479497	NC_000009.11
cg09200738	9.15E-07	1.28E-07	5.48	6.4897204	1.32E-01	30865200	30865323	NC_000015.9
cg10456591	9.15E-07	1.28E-07	5.48	6.4896851	6.62E-02	71279864	71279987	NC_000008.10
cg13475877	9.15E-07	1.28E-07	5.48	6.4894357	8.88E-02	56882373	56882496	NC_000008.10
cg07196462	9.15E-07	1.28E-07	5.48	6.4894078	6.31E-02	391060	391183	NC_000002.11
cg06488775	9.16E-07	1.28E-07	5.48	6.4886835	1.76E-01	8115360	8115483	NC_000019.9
cg11380908	9.16E-07	1.28E-07	5.48	6.488592	3.41E-02	48991619	48991742	NC_000011.9
cg11036831	9.17E-07	1.28E-07	5.48	6.487768	1.38E-01	82116382	82116505	NC_000010.10

cg25423004	9.17E-07	1.28E-07	5.48	6.4870829	1.25E-01	176993211	176993334	NC_000002.11
cg06664205	9.18E-07	1.28E-07	5.48	6.4860938	7.71E-02	50453093	50453216	NC_000005.9
cg24871584	9.20E-07	1.28E-07	5.48	6.4847034	1.20E-02	115178131	115178254	NC_000005.9
cg08944893	9.20E-07	1.28E-07	5.48	6.4845993	1.07E-01	105461870	105461993	NC_000002.11
cg23074932	9.20E-07	1.29E-07	5.48	6.4840552	1.07E-01	140718731	140718854	NC_000005.9
cg08009697	9.20E-07	1.29E-07	5.48	6.4839371	8.27E-02	104883450	104883573	NC_000007.13
cg19369438	9.21E-07	1.29E-07	5.48	6.4828225	2.50E-02	33623230	33623353	NC_000019.9
cg11070069	9.22E-07	1.29E-07	5.48	6.4824455	1.04E-01	105389370	105389493	NC_000006.11
cg08491487	9.22E-07	1.29E-07	5.48	6.482057	9.20E-02	30039130	30039253	NC_000006.11
cg04523268	9.22E-07	1.29E-07	5.48	6.4819281	1.31E-01	139606583	139606706	NC_000009.11
cg23906459	9.23E-07	1.29E-07	5.48	6.4813257	1.22E-01	143530680	143530803	NC_000008.10
cg25680629	9.23E-07	1.29E-07	5.48	6.4809069	1.10E-01	33188872	33188995	NC_000003.11
cg18322546	9.23E-07	1.29E-07	5.48	6.4804074	1.04E-01	77422738	77422861	NC_000014.8
cg18495118	9.23E-07	1.29E-07	5.48	6.4803206	4.35E-02	176836535	176836658	NC_000005.9
cg16400017	9.24E-07	1.29E-07	5.48	6.4795813	1.11E-01	37125155	37125278	NC_000014.8
cg17609158	9.24E-07	1.29E-07	5.48	6.4794312	1.36E-01	41342382	41342505	NC_000006.11
cg06072021	9.25E-07	1.29E-07	5.48	6.4790053	1.95E-01	128564106	128564229	NC_000011.9
cg22083053	9.25E-07	1.29E-07	5.48	6.4789782	1.09E-01	13541444	13541567	NC_000004.11
cg14133541	9.25E-07	1.29E-07	5.48	6.478587	4.55E-02	75881901	75882024	NC_000012.11
cg26734696	9.25E-07	1.29E-07	5.48	6.4780941	1.83E-01	25703830	25703953	NC_000016.9
cg06489008	9.25E-07	1.29E-07	5.48	6.4780819	7.95E-02	23433349	23433472	NC_000020.10
cg24725576	9.25E-07	1.29E-07	5.48	6.4780466	1.22E-01	29234671	29234794	NC_000014.8
cg13580336	9.25E-07	1.29E-07	5.48	6.4779416	7.08E-02	177065929	177066052	NC_000002.11
cg18749015	9.25E-07	1.29E-07	5.48	6.4779064	1.72E-01	45631363	45631486	NC_000006.11
cg01612449	9.26E-07	1.29E-07	5.48	6.4772228	1.03E-01	66410467	66410590	NC_000011.9

cg27237420	9.26E-07	1.30E-07	5.48	6.4766307	3.09E-02	105817534	105817657	NC_000014.8
cg12435629	9.27E-07	1.30E-07	5.48	6.4755128	8.66E-02	75598039	75598162	NC_000001.10
cg13003786	9.28E-07	1.30E-07	5.48	6.4752801	1.11E-01	80232334	80232457	NC_000017.10
cg13886334	9.28E-07	1.30E-07	5.48	6.4750132	1.68E-01	175193377	175193500	NC_000002.11
cg16348385	9.29E-07	1.30E-07	5.48	6.4743192	8.23E-02	30106822	30106945	NC_000016.9
cg01296927	9.29E-07	1.30E-07	5.48	6.4739394	8.12E-02	82120996	82121119	NC_000002.11
cg08195758	9.29E-07	1.30E-07	5.48	6.4738438	6.16E-02	88680780	88680903	NC_000016.9
cg19037007	9.29E-07	1.30E-07	5.48	6.4733923	1.01E-01	741798	741921	NC_000020.10
cg14153919	9.29E-07	1.30E-07	5.48	6.4733224	1.05E-01	78631963	78632086	NC_000015.9
ch.17.458890R	9.30E-07	1.30E-07	5.48	6.4731734	3.76E-02	13550191	13550314	NC_000017.10
cg20894686	9.30E-07	1.30E-07	5.48	6.4727314	1.30E-01	50803903	50804026	NC_000006.11
cg03198269	9.30E-07	1.30E-07	5.48	6.4726287	1.05E-01	108028454	108028577	NC_000012.11
cg23897749	9.30E-07	1.30E-07	5.48	6.4725151	1.35E-01	65491200	65491323	NC_000008.10
cg13590414	9.31E-07	1.30E-07	5.48	6.4719345	7.61E-02	128173245	128173368	NC_000009.11
cg06335143	9.31E-07	1.30E-07	5.48	6.4714011	1.03E-01	53308654	53308777	NC_000001.10
cg15104158	9.33E-07	1.30E-07	5.48	6.4696268	1.28E-01	192445388	192445511	NC_000003.11
cg11687036	9.34E-07	1.31E-07	5.48	6.4680833	1.07E-01	147139563	147139686	NC_000003.11
cg26107642	9.34E-07	1.31E-07	5.48	6.4676501	1.08E-01	35890578	35890701	NC_000005.9
cg27264249	9.35E-07	1.31E-07	5.48	6.4674387	1.38E-01	2141686	2141809	NC_000003.11
cg03660500	9.35E-07	1.31E-07	5.48	6.4673968	1.57E-01	197887649	197887772	NC_000001.10
cg02401556	9.35E-07	1.31E-07	5.48	6.467288	1.24E-01	137479590	137479713	NC_000003.11
cg25599521	9.35E-07	1.31E-07	5.48	6.4671181	8.09E-02	94981685	94981808	NC_000014.8
cg15831998	9.36E-07	1.31E-07	5.48	6.4663571	1.11E-01	119470324	119470447	NC_000006.11
cg01108118	9.36E-07	1.31E-07	5.48	6.4658924	1.67E-01	391189	391312	NC_000006.11
cg09977288	9.36E-07	1.31E-07	5.48	6.4656717	7.66E-02	14113460	14113583	NC_000012.11

cg19560014	9.36E-07	1.31E-07	5.48	6.4656438	7.73E-02	31799118	31799241	NC_000012.11
cg00774375	9.37E-07	1.31E-07	5.48	6.4651674	7.05E-02	7989720	7989843	NC_000019.9
cg22694067	9.37E-07	1.31E-07	5.48	6.4644482	7.90E-02	23932397	23932520	NC_000015.9
cg22294523	9.37E-07	1.31E-07	5.48	6.4642725	4.88E-02	1121113	1121236	NC_000011.9
cg04850059	9.38E-07	1.31E-07	5.48	6.463881	3.16E-02	225883161	225883284	NC_000001.10
cg12678686	9.38E-07	1.31E-07	5.48	6.4638514	7.67E-02	127327369	127327492	NC_000003.11
cg16478719	9.39E-07	1.31E-07	5.48	6.4630003	1.41E-01	36983171	36983294	NC_000014.8
cg27046460	9.39E-07	1.31E-07	5.48	6.4627365	6.91E-02	230837380	230837503	NC_000001.10
cg24460544	9.39E-07	1.31E-07	5.48	6.4623425	7.94E-02	3085446	3085569	NC_000001.10
cg08653692	9.39E-07	1.31E-07	5.48	6.4622423	1.76E-01	54466297	54466420	NC_000019.9
cg01991875	9.39E-07	1.31E-07	5.48	6.4621547	9.17E-02	106045899	106046022	NC_000003.11
cg01430218	9.40E-07	1.32E-07	5.48	6.4612975	1.43E-01	1269181	1269304	NC_000007.13
cg13347071	9.40E-07	1.32E-07	5.48	6.4612826	1.01E-01	210636748	210636871	NC_000002.11
cg13408752	9.40E-07	1.32E-07	5.48	6.4611621	1.20E-01	1575750	1575873	NC_000008.10
cg11152167	9.40E-07	1.32E-07	5.48	6.4607421	5.64E-02	64567482	64567605	NC_000001.10
cg27324823	9.41E-07	1.32E-07	5.48	6.4601581	9.92E-02	132116103	132116226	NC_000011.9
cg12422704	9.41E-07	1.32E-07	5.48	6.4599915	7.85E-02	1080694	1080817	NC_000017.10
cg15733245	9.42E-07	1.32E-07	5.48	6.4591377	4.61E-02	132910685	132910808	NC_000012.11
cg12306414	9.42E-07	1.32E-07	5.48	6.4587003	1.19E-01	13549355	13549478	NC_000004.11
cg20387387	9.43E-07	1.32E-07	5.48	6.4577859	1.23E-01	144511212	144511335	NC_000008.10
cg01824969	9.43E-07	1.32E-07	5.48	6.4577708	1.73E-01	67875261	67875384	NC_000008.10
cg21935519	9.46E-07	1.33E-07	5.48	6.454548	1.23E-01	66472955	66473078	NC_000008.10
cg07984133	9.47E-07	1.33E-07	5.48	6.4538525	1.13E-01	28544592	28544715	NC_000013.10
cg05837235	9.47E-07	1.33E-07	5.48	6.4532839	2.16E-02	77043815	77043938	NC_000017.10
cg22697574	9.47E-07	1.33E-07	5.48	6.4532534	9.89E-02	34642605	34642728	NC_000001.10

cg18899220	9.48E-07	1.33E-07	5.48	6.4529189	7.12E-02	20392529	20392652	NC_000013.10
cg05086443	9.48E-07	1.33E-07	5.48	6.4526737	3.36E-02	66437349	66437472	NC_000016.9
cg11740138	9.48E-07	1.33E-07	5.48	6.4526015	7.79E-02	181669177	181669300	NC_000003.11
cg16632715	9.49E-07	1.33E-07	5.48	6.4518965	8.60E-02	176972113	176972236	NC_000002.11
cg05235248	9.49E-07	1.33E-07	5.48	6.4516882	3.41E-02	35503876	35503999	NC_000010.10
cg09327821	9.50E-07	1.33E-07	5.48	6.4508423	5.45E-02	6380399	6380522	NC_000004.11
cg20312228	9.50E-07	1.33E-07	5.48	6.4498965	1.05E-01	126113707	126113830	NC_000003.11
cg08929188	9.51E-07	1.33E-07	5.48	6.4495944	1.30E-01	14995322	14995445	NC_000011.9
cg17571919	9.51E-07	1.33E-07	5.48	6.449041	4.31E-02	28829328	28829451	NC_000006.11
cg02967059	9.52E-07	1.33E-07	5.47	6.447936	3.68E-02	126306851	126306974	NC_000011.9
cg21782376	9.52E-07	1.33E-07	5.47	6.4479168	1.39E-01	127534799	127534922	NC_000002.11
cg21918313	9.52E-07	1.33E-07	5.47	6.4476876	1.00E-01	73496203	73496326	NC_000002.11
cg07006889	9.54E-07	1.34E-07	5.47	6.4464475	1.21E-01	106980192	106980315	NC_000012.11
cg11210881	9.54E-07	1.34E-07	5.47	6.4460772	1.59E-01	113930500	113930623	NC_000011.9
cg12652502	9.54E-07	1.34E-07	5.47	6.4459086	9.14E-02	490417	490540	NC_000002.11
cg06684850	9.54E-07	1.34E-07	5.47	6.4458849	1.77E-01	27742369	27742492	NC_000011.9
cg23383149	9.54E-07	1.34E-07	5.47	6.4458289	8.41E-02	24909125	24909248	NC_000014.8
cg19206146	9.54E-07	1.34E-07	5.47	6.445376	1.44E-01	28661759	28661882	NC_000006.11
cg24448171	9.55E-07	1.34E-07	5.47	6.4444581	5.63E-02	31597352	31597475	NC_000015.9
cg02409815	9.56E-07	1.34E-07	5.47	6.4442329	1.42E-01	69589122	69589245	NC_000011.9
cg22213042	9.56E-07	1.34E-07	5.47	6.4432417	1.35E-01	129906627	129906750	NC_000007.13
cg02347773	9.57E-07	1.34E-07	5.47	6.4427296	1.16E-01	176994142	176994265	NC_000002.11
cg27216969	9.57E-07	1.34E-07	5.47	6.4424444	2.02E-02	135193704	135193827	NC_000010.10
cg21621538	9.57E-07	1.34E-07	5.47	6.4423544	1.17E-01	24614206	24614329	NC_000007.13
cg08902205	9.58E-07	1.34E-07	5.47	6.4410303	7.61E-02	85658997	85659120	NC_000016.9

cg17477162	9.59E-07	1.34E-07	5.47	6.4401793	1.29E-01	91176464	91176587	NC_000001.10
cg20491446	9.60E-07	1.35E-07	5.47	6.4398461	2.28E-02	80656612	80656735	NC_000017.10
cg06014401	9.61E-07	1.35E-07	5.47	6.4387832	1.64E-01	27765232	27765355	NC_000003.11
cg20684549	9.61E-07	1.35E-07	5.47	6.4381163	8.42E-02	822842	822965	NC_000019.9
cg03959661	9.62E-07	1.35E-07	5.47	6.4375844	1.32E-01	207139348	207139471	NC_000002.11
cg00130223	9.62E-07	1.35E-07	5.47	6.4372261	9.00E-02	33070551	33070674	NC_000016.9
cg02191312	9.62E-07	1.35E-07	5.47	6.4369679	1.21E-01	52734397	52734520	NC_000014.8
cg08355538	9.63E-07	1.35E-07	5.47	6.436473	6.33E-02	113013707	113013830	NC_000012.11
cg18319029	9.65E-07	1.35E-07	5.47	6.434438	1.81E-01	904920	905043	NC_000018.9
cg25954914	9.65E-07	1.35E-07	5.47	6.4342086	6.31E-02	54785183	54785306	NC_000002.11
cg00181834	9.66E-07	1.35E-07	5.47	6.4333282	1.13E-01	23463015	23463138	NC_000010.10
cg12608433	9.66E-07	1.36E-07	5.47	6.4327693	8.63E-02	172945144	172945267	NC_000002.11
cg05658956	9.67E-07	1.36E-07	5.47	6.4318199	4.60E-02	42584517	42584640	NC_000019.9
cg05142942	9.68E-07	1.36E-07	5.47	6.4308298	7.46E-02	77320211	77320334	NC_000015.9
cg13690003	9.68E-07	1.36E-07	5.47	6.4306801	6.11E-02	45767909	45768032	NC_000013.10
cg18554639	9.68E-07	1.36E-07	5.47	6.4306021	7.50E-02	45905524	45905647	NC_000006.11
cg22913933	9.69E-07	1.36E-07	5.47	6.430154	1.01E-01	46692168	46692291	NC_000017.10
cg20248093	9.69E-07	1.36E-07	5.47	6.4299296	9.86E-02	77722496	77722619	NC_000017.10
cg27557790	9.69E-07	1.36E-07	5.47	6.4294144	2.60E-02	220028196	220028319	NC_000002.11
cg21523601	9.69E-07	1.36E-07	5.47	6.4293924	7.64E-02	3269793	3269916	NC_000005.9
cg20797858	9.70E-07	1.36E-07	5.47	6.4284965	1.38E-01	99283304	99283427	NC_000006.11
cg16449489	9.70E-07	1.36E-07	5.47	6.4283256	6.42E-02	125807047	125807170	NC_000010.10
cg09052548	9.71E-07	1.36E-07	5.47	6.4273931	8.82E-02	11047368	11047491	NC_000010.10
cg15756248	9.72E-07	1.36E-07	5.47	6.4268151	2.89E-02	59665648	59665771	NC_000011.9
cg19065106	9.72E-07	1.36E-07	5.47	6.426715	9.25E-02	53722177	53722300	NC_000012.11

cg04617251	9.73E-07	1.36E-07	5.47	6.4259017	1.52E-01	98891756	98891879	NC_000011.9
cg06730723	9.74E-07	1.37E-07	5.47	6.4248448	1.19E-01	1779819	1779942	NC_000010.10
cg10596451	9.74E-07	1.37E-07	5.47	6.4245716	1.25E-01	182549368	182549491	NC_000002.11
cg15175143	9.74E-07	1.37E-07	5.47	6.4245176	1.64E-01	139538356	139538479	NC_000002.11
cg03966099	9.74E-07	1.37E-07	5.47	6.4243677	4.76E-02	16157595	16157718	NC_000022.10
cg17293426	9.75E-07	1.37E-07	5.47	6.4238306	3.29E-02	24284359	24284482	NC_000022.10
cg15997770	9.75E-07	1.37E-07	5.47	6.4236873	6.09E-02	8716182	8716305	NC_000001.10
cg27023524	9.76E-07	1.37E-07	5.47	6.4223161	5.07E-02	54010481	54010604	NC_000005.9
cg23292259	9.76E-07	1.37E-07	5.47	6.4220118	9.95E-02	39702965	39703088	NC_000014.8
cg03148184	9.76E-07	1.37E-07	5.47	6.421875	1.28E-01	111562513	111562636	NC_000004.11
cg09240267	9.77E-07	1.37E-07	5.47	6.4215439	5.26E-02	31437287	31437410	NC_000020.10
cg24949661	9.77E-07	1.37E-07	5.47	6.4208505	1.64E-02	60899592	60899715	NC_000011.9
cg07329180	9.78E-07	1.37E-07	5.47	6.4203229	3.46E-02	3374141	3374264	NC_000010.10
cg09287190	9.78E-07	1.37E-07	5.47	6.4201198	9.34E-02	100640914	100641037	NC_000013.10
cg03254146	9.78E-07	1.37E-07	5.47	6.4200137	6.82E-02	30240119	30240242	NC_000001.10
cg17677988	9.79E-07	1.37E-07	5.47	6.4188879	6.39E-02	10687769	10687892	NC_000004.11
cg08831744	9.79E-07	1.37E-07	5.47	6.4188078	1.43E-01	45961346	45961469	NC_000007.13
cg14463461	9.80E-07	1.38E-07	5.47	6.4181287	7.41E-02	92161607	92161730	NC_000007.13
cg12559925	9.80E-07	1.38E-07	5.47	6.4178835	1.29E-01	235863365	235863488	NC_000002.11
cg14886059	9.80E-07	1.38E-07	5.47	6.4176529	1.52E-01	58545001	58545124	NC_000019.9
cg26548542	9.81E-07	1.38E-07	5.47	6.4170029	2.43E-02	89177266	89177389	NC_000016.9
cg07425171	9.81E-07	1.38E-07	5.47	6.4166058	8.85E-02	34442090	34442213	NC_000016.9
cg23949936	9.82E-07	1.38E-07	5.47	6.4161375	1.12E-01	100212502	100212625	NC_000004.11
cg15035528	9.82E-07	1.38E-07	5.47	6.4157062	8.38E-02	44068491	44068614	NC_000011.9
cg01443020	9.82E-07	1.38E-07	5.47	6.4153875	9.95E-02	15653096	15653219	NC_000017.10

cg04494750	9.83E-07	1.38E-07	5.47	6.4152666	8.60E-02	100304693	100304816	NC_000007.13
cg06201604	9.83E-07	1.38E-07	5.47	6.4149903	3.91E-02	81278776	81278899	NC_000016.9
cg04570265	9.84E-07	1.38E-07	5.47	6.414295	6.64E-02	228679629	228679752	NC_000001.10
cg13511000	9.84E-07	1.38E-07	5.47	6.4142233	1.47E-01	94750997	94751120	NC_000004.11
cg09117673	9.84E-07	1.38E-07	5.47	6.4137373	4.81E-02	73275311	73275434	NC_000007.13
cg10397440	9.84E-07	1.38E-07	5.47	6.4133806	1.20E-01	57359258	57359381	NC_000008.10
cg15867711	9.84E-07	1.38E-07	5.47	6.4132615	3.42E-02	218014162	218014285	NC_000002.11
cg01460202	9.85E-07	1.38E-07	5.47	6.4129941	1.08E-01	23706506	23706629	NC_000016.9
cg12440105	9.85E-07	1.38E-07	5.47	6.4125621	1.16E-01	239756128	239756251	NC_000002.11
cg04871807	9.85E-07	1.38E-07	5.47	6.4124522	9.06E-02	95186505	95186628	NC_000005.9
cg21251785	9.86E-07	1.38E-07	5.47	6.4118507	1.19E-01	73484407	73484530	NC_000009.11
cg05495351	9.86E-07	1.39E-07	5.47	6.411626	1.92E-01	51259693	51259816	NC_000002.11
cg15890274	9.86E-07	1.39E-07	5.47	6.4112628	1.68E-01	65601265	65601388	NC_000011.9
cg04380118	9.86E-07	1.39E-07	5.47	6.411066	1.04E-01	45670624	45670747	NC_000001.10
cg17151560	9.87E-07	1.39E-07	5.47	6.4109693	5.10E-02	6544511	6544634	NC_000001.10
cg27198843	9.87E-07	1.39E-07	5.47	6.4108085	1.84E-02	78165188	78165311	NC_000017.10
cg15160709	9.87E-07	1.39E-07	5.47	6.4104145	1.18E-01	72357937	72358060	NC_000002.11
cg01032359	9.87E-07	1.39E-07	5.47	6.4100526	1.19E-01	111473208	111473331	NC_000012.11
cg06802488	9.88E-07	1.39E-07	5.47	6.4098076	9.92E-02	54515341	54515464	NC_000019.9
cg05819296	9.88E-07	1.39E-07	5.47	6.4097717	9.38E-02	871980	872103	NC_000001.10
cg06451228	9.88E-07	1.39E-07	5.47	6.4096819	8.13E-02	64397333	64397456	NC_000011.9
cg15709766	9.88E-07	1.39E-07	5.47	6.4094744	7.60E-02	1466497	1466620	NC_000019.9
cg15209808	9.88E-07	1.39E-07	5.47	6.4092699	7.83E-02	30476254	30476377	NC_000022.10
cg19878711	9.89E-07	1.39E-07	5.47	6.4086789	3.92E-02	7099843	7099966	NC_000007.13
cg27175788	9.89E-07	1.39E-07	5.47	6.4082902	2.17E-02	24810213	24810336	NC_000014.8



cg11390905	9.90E-07	1.39E-07	5.47	6.40716	1.39E-01	139085102	139085225	NC_000009.11
cg10283844	9.90E-07	1.39E-07	5.47	6.4068995	1.07E-01	10487314	10487437	NC_000002.11
cg16353800	9.91E-07	1.39E-07	5.47	6.4065283	6.93E-02	72917943	72918066	NC_000018.9
cg20885910	9.91E-07	1.39E-07	5.47	6.4059179	6.65E-02	48922741	48922864	NC_000011.9
cg23658477	9.91E-07	1.39E-07	5.47	6.405915	1.76E-01	22094371	22094494	NC_000012.11
cg23337361	9.91E-07	1.39E-07	5.47	6.4058768	1.48E-01	13013668	13013791	NC_000006.11
cg27552493	9.92E-07	1.39E-07	5.47	6.4056688	1.39E-01	62652662	62652785	NC_000012.11
cg08235161	9.92E-07	1.39E-07	5.47	6.4053536	1.15E-01	57262049	57262172	NC_000014.8
cg05170445	9.93E-07	1.40E-07	5.47	6.4045583	7.05E-02	1641924	1642047	NC_000012.11
cg24374861	9.93E-07	1.40E-07	5.47	6.4038469	1.07E-01	74422933	74423056	NC_000015.9
cg05229723	9.94E-07	1.40E-07	5.47	6.4033935	3.05E-02	104526470	104526593	NC_000012.11
cg06760830	9.94E-07	1.40E-07	5.47	6.4033198	1.19E-01	47079672	47079795	NC_000001.10
cg13133000	9.94E-07	1.40E-07	5.47	6.4030242	4.74E-02	78463620	78463743	NC_000001.10
cg18824990	9.94E-07	1.40E-07	5.47	6.4029872	1.26E-01	54360262	54360385	NC_000012.11
cg17266805	9.94E-07	1.40E-07	5.47	6.4029091	9.41E-02	174776890	174777013	NC_000005.9
cg03338510	9.96E-07	1.40E-07	5.47	6.4013382	7.28E-02	180541684	180541807	NC_000005.9
cg07726085	9.96E-07	1.40E-07	5.47	6.4011349	5.09E-02	59022705	59022828	NC_000019.9
cg17385749	9.96E-07	1.40E-07	5.47	6.4009941	7.20E-02	96675342	96675465	NC_000002.11
cg03083562	9.97E-07	1.40E-07	5.46	6.4002958	5.81E-02	126007153	126007276	NC_000008.10
cg00765312	9.97E-07	1.40E-07	5.46	6.3998314	1.63E-01	85674694	85674817	NC_000012.11
cg16357224	9.98E-07	1.40E-07	5.46	6.3985064	8.44E-02	86530053	86530176	NC_000016.9
cg25472353	9.98E-07	1.40E-07	5.46	6.398386	1.46E-01	37489005	37489128	NC_000007.13
cg03158581	9.99E-07	1.40E-07	5.46	6.3981198	1.04E-01	153858816	153858939	NC_000005.9
cg20595784	9.99E-07	1.40E-07	5.46	6.3979844	5.06E-02	169560122	169560245	NC_000006.11
cg18235465	1.00E-06	1.41E-07	5.46	6.3967344	2.75E-02	73471634	73471757	NC_000010.10

cg06636372	1.00E-06	1.41E-07	5.46	6.3966534	2.06E-02	89349979	89350102	NC_000016.9
cg03701425	1.00E-06	1.41E-07	5.46	6.396116	3.95E-02	1719380	1719503	NC_000008.10
cg11635197	1.00E-06	1.41E-07	5.46	6.3957837	7.53E-02	66193993	66194116	NC_000011.9
cg13845094	1.00E-06	1.41E-07	5.46	6.3940663	1.75E-01	81108034	81108157	NC_000012.11
cg16635480	1.00E-06	1.41E-07	5.46	6.3939207	7.09E-02	150285815	150285938	NC_000006.11
cg16601494	1.00E-06	1.41E-07	5.46	6.3930041	1.77E-01	1475737	1475860	NC_000001.10
cg23409168	1.00E-06	1.41E-07	5.46	6.3926455	1.21E-01	117101690	117101813	NC_000008.10
cg14291663	1.00E-06	1.41E-07	5.46	6.391692	1.20E-01	135454951	135455074	NC_000009.11
cg12967001	1.01E-06	1.41E-07	5.46	6.3913043	1.36E-01	5544089	5544212	NC_000018.9
cg10418237	1.01E-06	1.42E-07	5.46	6.3898319	7.49E-02	140237879	140238002	NC_000005.9
cg18313790	1.01E-06	1.42E-07	5.46	6.3892753	6.26E-02	140595722	140595845	NC_000005.9
cg13183298	1.01E-06	1.42E-07	5.46	6.3888267	8.46E-02	2376119	2376242	NC_000001.10
cg04275566	1.01E-06	1.42E-07	5.46	6.3887946	1.50E-02	113512395	113512518	NC_000013.10
cg01832036	1.01E-06	1.42E-07	5.46	6.3887319	1.40E-01	48050274	48050397	NC_000017.10
cg17833303	1.01E-06	1.42E-07	5.46	6.3886789	1.78E-02	245026373	245026496	NC_000001.10
cg27007197	1.01E-06	1.42E-07	5.46	6.3881336	3.69E-02	44120547	44120670	NC_000006.11
cg25276848	1.01E-06	1.42E-07	5.46	6.3878874	9.62E-02	92063013	92063136	NC_000010.10
cg00858855	1.01E-06	1.42E-07	5.46	6.3875042	1.42E-01	28554964	28555087	NC_000006.11
cg22027766	1.01E-06	1.42E-07	5.46	6.387312	8.52E-02	23713928	23714051	NC_000018.9
cg04307587	1.01E-06	1.42E-07	5.46	6.3872398	9.93E-02	44104283	44104406	NC_000019.9
cg20312971	1.01E-06	1.42E-07	5.46	6.3869837	1.41E-01	79746780	79746903	NC_000014.8
cg17591574	1.01E-06	1.42E-07	5.46	6.3859593	3.20E-02	179059407	179059530	NC_000001.10
cg09516965	1.01E-06	1.42E-07	5.46	6.3857593	1.82E-01	52734529	52734652	NC_000014.8
cg02783179	1.01E-06	1.42E-07	5.46	6.3856831	5.01E-02	32035444	32035567	NC_000006.11
cg18881684	1.01E-06	1.42E-07	5.46	6.3855851	1.42E-01	70033592	70033715	NC_000001.10

cg03477240	1.01E-06	1.42E-07	5.46	6.3851305	1.04E-01	20583779	20583902	NC_000006.11
cg07295964	1.01E-06	1.42E-07	5.46	6.3845696	2.37E-01	175223982	175224105	NC_000005.9
cg23178714	1.01E-06	1.42E-07	5.46	6.3840976	1.05E-01	153855031	153855154	NC_000005.9
cg20243351	1.01E-06	1.43E-07	5.46	6.3839171	1.25E-01	47271156	47271279	NC_000017.10
cg14409414	1.01E-06	1.43E-07	5.46	6.3832752	1.34E-01	77777649	77777772	NC_000017.10
cg12210736	1.01E-06	1.43E-07	5.46	6.3831713	1.22E-01	110224288	110224411	NC_000004.11
cg18439339	1.01E-06	1.43E-07	5.46	6.3829774	7.01E-02	151441268	151441391	NC_000007.13
cg07563101	1.01E-06	1.43E-07	5.46	6.3826501	1.18E-01	23158658	23158781	NC_000015.9
cg21650975	1.01E-06	1.43E-07	5.46	6.3813982	3.44E-02	151788471	151788594	NC_000002.11
cg01587682	1.01E-06	1.43E-07	5.46	6.38123	1.47E-01	31820572	31820695	NC_000011.9
cg13903421	1.02E-06	1.43E-07	5.46	6.3804038	1.12E-01	219738714	219738837	NC_000002.11
cg06812019	1.02E-06	1.43E-07	5.46	6.3802548	3.04E-02	1143331	1143454	NC_000005.9
cg26701408	1.02E-06	1.43E-07	5.46	6.3799356	1.30E-01	102906057	102906180	NC_000010.10
cg14091920	1.02E-06	1.43E-07	5.46	6.3791344	4.88E-02	133903136	133903259	NC_000009.11
cg08745461	1.02E-06	1.43E-07	5.46	6.3787412	7.83E-02	232319740	232319863	NC_000002.11
cg27328673	1.02E-06	1.43E-07	5.46	6.3784669	8.05E-02	140625750	140625873	NC_000005.9
cg17960823	1.02E-06	1.43E-07	5.46	6.377941	5.58E-02	50306886	50307009	NC_000012.11
cg03909983	1.02E-06	1.43E-07	5.46	6.3778996	8.13E-02	72758461	72758584	NC_000008.10
cg14511698	1.02E-06	1.43E-07	5.46	6.3776272	1.28E-01	60976898	60977021	NC_000014.8
cg06786064	1.02E-06	1.44E-07	5.46	6.3765232	1.11E-01	6894869	6894992	NC_000007.13
cg19920134	1.02E-06	1.44E-07	5.46	6.3763374	6.93E-02	38227870	38227993	NC_000007.13
cg10253847	1.02E-06	1.44E-07	5.46	6.3762827	1.27E-01	28227085	28227208	NC_000006.11
cg04984039	1.02E-06	1.44E-07	5.46	6.3759778	4.22E-02	54901239	54901362	NC_000007.13
cg26064794	1.02E-06	1.44E-07	5.46	6.3758988	7.57E-02	204435434	204435557	NC_000001.10
cg24083324	1.02E-06	1.44E-07	5.46	6.3752919	1.26E-01	214162604	214162727	NC_000001.10

cg09549304	1.02E-06	1.44E-07	5.46	6.3748837	4.15E-02	101921849	101921972	NC_000011.9
cg00260937	1.02E-06	1.44E-07	5.46	6.3748525	1.31E-01	128520193	128520316	NC_000007.13
cg26670249	1.02E-06	1.44E-07	5.46	6.3745388	1.01E-01	14223997	14224120	NC_000019.9
cg18873957	1.02E-06	1.44E-07	5.46	6.3738075	1.30E-01	158119673	158119796	NC_000001.10
cg26245256	1.02E-06	1.44E-07	5.46	6.3734705	8.07E-02	79139112	79139235	NC_000017.10
cg05508296	1.02E-06	1.44E-07	5.46	6.3730305	9.45E-02	1016460	1016583	NC_000005.9
cg07326016	1.02E-06	1.44E-07	5.46	6.3730239	5.78E-02	88846234	88846357	NC_000016.9
cg02192967	1.02E-06	1.44E-07	5.46	6.3729803	1.98E-01	90758406	90758529	NC_000004.11
cg11630996	1.02E-06	1.44E-07	5.46	6.3728503	9.95E-02	47113599	47113722	NC_000006.11
cg01293723	1.02E-06	1.44E-07	5.46	6.3726869	7.96E-02	39183037	39183160	NC_000017.10
cg04989185	1.02E-06	1.44E-07	5.46	6.3726123	1.08E-01	9790928	9791051	NC_000008.10
cg14659193	1.02E-06	1.44E-07	5.46	6.3723311	1.37E-01	87990122	87990245	NC_000005.9
cg01497921	1.02E-06	1.44E-07	5.46	6.3722123	5.27E-02	89718583	89718706	NC_000016.9
cg14278808	1.02E-06	1.44E-07	5.46	6.3720298	1.51E-01	9761141	9761264	NC_000008.10
cg27019126	1.02E-06	1.44E-07	5.46	6.3708736	1.46E-01	56940693	56940816	NC_000018.9
cg06384763	1.02E-06	1.45E-07	5.46	6.3704369	1.79E-01	12203198	12203321	NC_000019.9
cg11734112	1.03E-06	1.45E-07	5.46	6.3702232	9.10E-02	145809092	145809215	NC_000003.11
cg09035529	1.03E-06	1.45E-07	5.46	6.3690748	3.26E-02	64335804	64335927	NC_000011.9
cg08008286	1.03E-06	1.45E-07	5.46	6.3677827	6.59E-02	28622037	28622160	NC_000016.9
cg26338453	1.03E-06	1.45E-07	5.46	6.3670138	1.86E-01	82340023	82340146	NC_000015.9
cg13322954	1.03E-06	1.45E-07	5.46	6.3661933	7.37E-02	69198953	69199076	NC_000012.11
cg23714408	1.03E-06	1.45E-07	5.46	6.3661267	1.25E-01	154710873	154710996	NC_000004.11
cg04748321	1.03E-06	1.45E-07	5.46	6.3658193	1.27E-02	14140734	14140857	NC_000017.10
cg17380238	1.03E-06	1.45E-07	5.46	6.3650404	1.22E-01	45889464	45889587	NC_000019.9
cg00733728	1.03E-06	1.45E-07	5.46	6.3644754	1.30E-01	79171230	79171353	NC_000013.10

cg25094972	1.03E-06	1.45E-07	5.46	6.3644442	9.01E-02	61920606	61920729	NC_000020.10
cg20030817	1.03E-06	1.45E-07	5.46	6.3640819	1.49E-02	30699481	30699604	NC_000006.11
cg12608132	1.03E-06	1.45E-07	5.46	6.3640055	7.39E-02	46564242	46564365	NC_000002.11
cg19300924	1.03E-06	1.46E-07	5.46	6.3631995	1.16E-01	119536064	119536187	NC_000001.10
cg12840933	1.03E-06	1.46E-07	5.46	6.3629132	9.58E-02	79862991	79863114	NC_000005.9
cg05938001	1.03E-06	1.46E-07	5.46	6.362605	1.27E-01	172952948	172953071	NC_000002.11
cg24954977	1.03E-06	1.46E-07	5.46	6.3623038	1.33E-01	85544382	85544505	NC_000015.9
cg06157645	1.03E-06	1.46E-07	5.46	6.3618418	1.13E-01	85230590	85230713	NC_000016.9
cg21652122	1.03E-06	1.46E-07	5.46	6.3611889	8.46E-02	28837586	28837709	NC_000022.10
cg23123267	1.03E-06	1.46E-07	5.46	6.3610278	5.46E-02	21254223	21254346	NC_000017.10
cg00901320	1.03E-06	1.46E-07	5.46	6.3607337	1.39E-01	129338534	129338657	NC_000012.11
cg11538848	1.03E-06	1.46E-07	5.46	6.3604175	8.91E-02	180604978	180605101	NC_000001.10
cg07108206	1.03E-06	1.46E-07	5.46	6.3602678	1.57E-01	232791814	232791937	NC_000002.11
cg14214914	1.04E-06	1.46E-07	5.46	6.3598576	2.94E-02	131870304	131870427	NC_000009.11
cg11791481	1.04E-06	1.47E-07	5.46	6.357001	3.48E-02	75211689	75211812	NC_000017.10
cg18299157	1.04E-06	1.47E-07	5.46	6.3569496	4.95E-02	131904410	131904533	NC_000010.10
cg19112895	1.04E-06	1.47E-07	5.46	6.3563681	1.53E-01	147075099	147075222	NC_000003.11
cg13504318	1.04E-06	1.47E-07	5.46	6.356217	8.93E-02	17932100	17932223	NC_000019.9
cg07148025	1.04E-06	1.47E-07	5.46	6.3559278	6.75E-02	116108611	116108734	NC_000005.9
cg20698924	1.04E-06	1.47E-07	5.46	6.3558446	1.15E-01	28344730	28344853	NC_000015.9
cg03239552	1.04E-06	1.47E-07	5.46	6.3551014	1.45E-01	54339653	54339776	NC_000012.11
cg09338251	1.04E-06	1.47E-07	5.46	6.3545434	1.14E-01	86546979	86547102	NC_000016.9
cg24924358	1.04E-06	1.47E-07	5.46	6.3542782	2.97E-02	32745496	32745619	NC_000001.10
cg09855384	1.04E-06	1.47E-07	5.46	6.3541427	3.78E-02	35684812	35684935	NC_000017.10
cg03003467	1.04E-06	1.47E-07	5.46	6.3538753	5.42E-02	106938289	106938412	NC_000014.8

cg03630800	1.04E-06	1.47E-07	5.46	6.3532	3.00E-02	678562	678685	NC_000016.9
cg14976969	1.04E-06	1.47E-07	5.45	6.3526793	4.59E-02	68857935	68858058	NC_000001.10
cg14565120	1.04E-06	1.47E-07	5.45	6.3526687	4.18E-02	77710848	77710971	NC_000017.10
cg16253834	1.04E-06	1.47E-07	5.45	6.3526666	4.90E-02	75522097	75522220	NC_000011.9
cg06730132	1.04E-06	1.47E-07	5.45	6.3522303	4.95E-02	20975125	20975248	NC_000016.9
cg23937382	1.04E-06	1.47E-07	5.45	6.3519124	7.46E-02	58549531	58549654	NC_000019.9
cg01497613	1.04E-06	1.47E-07	5.45	6.3514308	1.28E-01	48041301	48041424	NC_000017.10
cg24131595	1.04E-06	1.47E-07	5.45	6.3511037	1.37E-01	56887310	56887433	NC_000018.9
cg02991338	1.05E-06	1.48E-07	5.45	6.3496114	1.24E-01	29236017	29236140	NC_000014.8
cg03108347	1.05E-06	1.48E-07	5.45	6.348896	8.19E-02	70961784	70961907	NC_000011.9
cg04664126	1.05E-06	1.48E-07	5.45	6.3482243	1.22E-01	28554262	28554385	NC_000006.11
cg20430077	1.05E-06	1.48E-07	5.45	6.3453391	1.05E-01	102983513	102983636	NC_000010.10
cg17389077	1.05E-06	1.48E-07	5.45	6.3453239	9.21E-02	128810904	128811027	NC_000010.10
cg11119655	1.05E-06	1.48E-07	5.45	6.3452553	3.02E-02	46032202	46032325	NC_000010.10
cg02329029	1.05E-06	1.48E-07	5.45	6.3443021	8.68E-02	18559261	18559384	NC_000022.10
cg16800708	1.05E-06	1.48E-07	5.45	6.3441897	9.22E-02	101192973	101193096	NC_000014.8
cg15984718	1.05E-06	1.49E-07	5.45	6.3438909	1.38E-01	96470349	96470472	NC_000004.11
cg06886867	1.05E-06	1.49E-07	5.45	6.3426452	1.07E-02	23671218	23671341	NC_000001.10
cg07684169	1.05E-06	1.49E-07	5.45	6.3425935	1.13E-01	21686376	21686499	NC_000020.10
cg25905812	1.05E-06	1.49E-07	5.45	6.3415164	1.52E-01	841632	841755	NC_000009.11
cg11339341	1.06E-06	1.49E-07	5.45	6.3395036	1.04E-01	87969330	87969453	NC_000005.9
cg07081770	1.06E-06	1.50E-07	5.45	6.33733	1.43E-01	155241685	155241808	NC_000007.13
cg24359323	1.06E-06	1.50E-07	5.45	6.3370927	1.78E-01	69634372	69634495	NC_000011.9
cg02816429	1.06E-06	1.50E-07	5.45	6.3368167	8.05E-02	44229209	44229332	NC_000007.13
cg02102114	1.06E-06	1.50E-07	5.45	6.3365089	4.61E-02	74813369	74813492	NC_000002.11

cg02788266	1.06E-06	1.50E-07	5.45	6.3360641	1.14E-01	50694104	50694227	NC_000005.9
cg06358636	1.06E-06	1.50E-07	5.45	6.3357096	1.14E-01	133480830	133480953	NC_000006.11
cg17563229	1.06E-06	1.50E-07	5.45	6.3353997	6.81E-02	552323	552446	NC_000007.13
cg06447341	1.06E-06	1.50E-07	5.45	6.3348114	7.52E-02	32452930	32453053	NC_000001.10
cg23861803	1.06E-06	1.50E-07	5.45	6.3341792	1.62E-01	31830030	31830153	NC_000006.11
cg14961391	1.06E-06	1.50E-07	5.45	6.3333562	7.56E-02	148758708	148758831	NC_000002.11
cg15608397	1.06E-06	1.50E-07	5.45	6.3327516	9.08E-02	223163573	223163696	NC_000002.11
cg16455748	1.06E-06	1.50E-07	5.45	6.3315438	1.06E-01	107211518	107211641	NC_000005.9
cg20315995	1.06E-06	1.50E-07	5.45	6.3313646	4.24E-02	7280971	7281094	NC_000012.11
cg14773523	1.06E-06	1.50E-07	5.45	6.3313306	8.57E-02	97692429	97692552	NC_000003.11
cg04971362	1.06E-06	1.51E-07	5.45	6.3308469	1.73E-01	170738987	170739110	NC_000005.9
cg14609668	1.07E-06	1.51E-07	5.45	6.329534	6.86E-02	34651062	34651185	NC_000009.11
cg25188032	1.07E-06	1.51E-07	5.45	6.3291644	1.07E-01	84455028	84455151	NC_000013.10
cg09576649	1.07E-06	1.51E-07	5.45	6.3279486	4.34E-02	31044055	31044178	NC_000020.10
cg23297972	1.07E-06	1.51E-07	5.45	6.3275255	7.40E-02	32624145	32624268	NC_000021.8
cg10639585	1.07E-06	1.51E-07	5.45	6.3274984	1.20E-01	130387131	130387254	NC_000012.11
cg00140112	1.07E-06	1.51E-07	5.45	6.3274816	4.35E-02	3879595	3879718	NC_000018.9
cg16274476	1.07E-06	1.51E-07	5.45	6.3269307	1.60E-01	55588962	55589085	NC_000020.10
cg13510651	1.07E-06	1.51E-07	5.45	6.3267255	9.03E-02	137227772	137227895	NC_000009.11
cg02031187	1.07E-06	1.51E-07	5.45	6.326554	5.80E-02	15383222	15383345	NC_000021.8
cg20529655	1.07E-06	1.51E-07	5.45	6.3263919	6.47E-02	133289633	133289756	NC_000006.11
cg25212131	1.07E-06	1.51E-07	5.45	6.3263525	7.12E-02	140683670	140683793	NC_000005.9
cg13330559	1.07E-06	1.51E-07	5.45	6.3256415	2.05E-01	11144043	11144166	NC_000017.10
cg01722932	1.07E-06	1.51E-07	5.45	6.3255755	6.29E-02	92702653	92702776	NC_000011.9
cg23739994	1.07E-06	1.51E-07	5.45	6.3250577	1.53E-01	94134756	94134879	NC_000011.9

cg01138448	1.07E-06	1.51E-07	5.45	6.3250363	1.03E-01	45028595	45028718	NC_000015.9
cg24431229	1.07E-06	1.51E-07	5.45	6.3245803	6.93E-02	17463136	17463259	NC_000019.9
cg08987560	1.07E-06	1.52E-07	5.45	6.3243841	5.44E-02	47015665	47015788	NC_000008.10
cg01370541	1.07E-06	1.52E-07	5.45	6.3241825	1.26E-01	41882812	41882935	NC_000004.11
cg15654121	1.07E-06	1.52E-07	5.45	6.3232337	1.90E-01	34630944	34631067	NC_000001.10
cg03333101	1.07E-06	1.52E-07	5.45	6.3229688	7.00E-02	12954349	12954472	NC_000019.9
cg02784874	1.07E-06	1.52E-07	5.45	6.3224717	7.95E-02	39728962	39729085	NC_000017.10
cg27213509	1.07E-06	1.52E-07	5.45	6.3221608	9.55E-02	176947228	176947351	NC_000002.11
cg24373253	1.07E-06	1.52E-07	5.45	6.3219889	1.01E-01	99469634	99469757	NC_000001.10
cg25837340	1.07E-06	1.52E-07	5.45	6.3218546	1.48E-01	128712932	128713055	NC_000011.9
cg12412390	1.07E-06	1.52E-07	5.45	6.3217745	1.53E-01	96469286	96469409	NC_000004.11
cg14212891	1.07E-06	1.52E-07	5.45	6.3211691	4.55E-02	212733199	212733322	NC_000001.10
cg16739441	1.07E-06	1.52E-07	5.45	6.3210086	1.43E-01	21926524	21926647	NC_000012.11
cg17705066	1.07E-06	1.52E-07	5.45	6.3209468	1.20E-01	3587038	3587161	NC_000019.9
cg18391058	1.07E-06	1.52E-07	5.45	6.3208127	5.36E-02	6207067	6207190	NC_000001.10
cg14641472	1.08E-06	1.52E-07	5.45	6.3192019	1.20E-01	132387471	132387594	NC_000009.11
cg25200151	1.08E-06	1.53E-07	5.45	6.3177657	8.15E-02	112125000	112125123	NC_000012.11
cg16084190	1.08E-06	1.53E-07	5.45	6.3161673	1.15E-01	61716821	61716944	NC_000011.9
cg17826043	1.08E-06	1.53E-07	5.45	6.3160971	6.83E-02	42299635	42299758	NC_000019.9
cg17468459	1.08E-06	1.53E-07	5.45	6.3144591	1.40E-01	92208474	92208597	NC_000001.10
cg20000562	1.08E-06	1.53E-07	5.45	6.3142845	1.52E-01	36978633	36978756	NC_000014.8
cg22829375	1.08E-06	1.53E-07	5.45	6.3140978	4.55E-02	233764831	233764954	NC_000002.11
cg01098955	1.08E-06	1.53E-07	5.45	6.3139958	1.15E-01	106322163	106322286	NC_000014.8
cg00552490	1.08E-06	1.53E-07	5.45	6.3129976	5.28E-02	106746466	106746589	NC_000002.11
cg21901488	1.08E-06	1.53E-07	5.45	6.3127716	4.68E-02	128412420	128412543	NC_000002.11



cg25601040	1.08E-06	1.53E-07	5.45	6.3126734	6.52E-02	13540236	13540359	NC_000004.11
cg24058145	1.08E-06	1.53E-07	5.45	6.3119224	8.45E-02	29523592	29523715	NC_000006.11
cg16570917	1.08E-06	1.53E-07	5.45	6.3118811	6.97E-02	43996062	43996185	NC_000001.10
cg02836529	1.08E-06	1.53E-07	5.45	6.3117961	1.44E-01	182544413	182544536	NC_000002.11
cg04999479	1.08E-06	1.54E-07	5.45	6.3117477	1.50E-01	19839039	19839162	NC_000006.11
cg26106948	1.08E-06	1.54E-07	5.45	6.3115536	1.29E-01	27766284	27766407	NC_000003.11
cg10488267	1.08E-06	1.54E-07	5.45	6.3110833	8.22E-02	58147625	58147748	NC_000006.11
cg00095976	1.09E-06	1.54E-07	5.45	6.3104233	1.77E-01	118228060	118228183	NC_000006.11
cg07167168	1.09E-06	1.54E-07	5.45	6.3098928	1.65E-01	41818788	41818911	NC_000020.10
cg08173261	1.09E-06	1.54E-07	5.45	6.3098908	4.32E-02	3845637	3845760	NC_000006.11
cg06775869	1.09E-06	1.54E-07	5.45	6.3095043	1.35E-01	76843657	76843780	NC_000014.8
cg02271926	1.09E-06	1.54E-07	5.45	6.3091941	2.72E-02	55643121	55643244	NC_000007.13
cg18584067	1.09E-06	1.54E-07	5.45	6.3087067	1.08E-01	64975916	64976039	NC_000002.11
cg06384413	1.09E-06	1.54E-07	5.45	6.3084789	7.19E-02	46671215	46671338	NC_000017.10
cg25934198	1.09E-06	1.54E-07	5.45	6.307961	4.42E-02	139920781	139920904	NC_000009.11
cg02390209	1.09E-06	1.54E-07	5.45	6.3059437	1.47E-01	25703018	25703141	NC_000016.9
cg00149492	1.09E-06	1.55E-07	5.44	6.3046655	6.35E-02	36038468	36038591	NC_000001.10
cg03651292	1.09E-06	1.55E-07	5.44	6.3034975	8.99E-02	14999803	14999926	NC_000018.9
cg03476864	1.09E-06	1.55E-07	5.44	6.3032128	6.91E-02	157612081	157612204	NC_000007.13
cg17811857	1.09E-06	1.55E-07	5.44	6.3031439	4.15E-02	158529155	158529278	NC_000005.9
cg22764421	1.09E-06	1.55E-07	5.44	6.3027721	5.88E-02	74913316	74913439	NC_000017.10
cg09622447	1.09E-06	1.55E-07	5.44	6.3025809	1.29E-01	44496378	44496501	NC_000021.8
cg06667574	1.09E-06	1.55E-07	5.44	6.3022217	1.53E-01	51830634	51830757	NC_000019.9
cg15377585	1.09E-06	1.55E-07	5.44	6.3020127	1.25E-01	19813079	19813202	NC_000007.13
cg04299200	1.09E-06	1.55E-07	5.44	6.301941	1.14E-01	534332	534455	NC_000005.9

cg21754388	1.10E-06	1.55E-07	5.44	6.3006888	1.38E-01	37004747	37004870	NC_000013.10
cg10709593	1.10E-06	1.55E-07	5.44	6.3005804	1.17E-01	172952883	172953006	NC_000002.11
cg04561637	1.10E-06	1.55E-07	5.44	6.2999024	5.73E-02	172480106	172480229	NC_000005.9
cg26014266	1.10E-06	1.56E-07	5.44	6.2986047	1.54E-01	109294069	109294192	NC_000011.9
cg07825414	1.10E-06	1.56E-07	5.44	6.2983025	4.54E-02	19712640	19712763	NC_000022.10
cg02420027	1.10E-06	1.56E-07	5.44	6.2965903	1.33E-01	41632640	41632763	NC_000013.10
cg18602314	1.10E-06	1.56E-07	5.44	6.2959911	1.25E-01	179780802	179780925	NC_000005.9
cg26972969	1.10E-06	1.56E-07	5.44	6.2958442	9.04E-02	87973899	87974022	NC_000005.9
cg27177058	1.10E-06	1.56E-07	5.44	6.2955645	7.04E-02	63251072	63251195	NC_000007.13
cg12462771	1.10E-06	1.56E-07	5.44	6.2954648	4.37E-02	122443998	122444121	NC_000002.11
cg26478582	1.10E-06	1.56E-07	5.44	6.2952046	8.78E-02	42573533	42573656	NC_000020.10
cg09875385	1.10E-06	1.56E-07	5.44	6.2951223	4.40E-02	85937861	85937984	NC_000013.10
cg27387573	1.10E-06	1.56E-07	5.44	6.2950675	7.73E-02	29160196	29160319	NC_000016.9
cg05151621	1.10E-06	1.56E-07	5.44	6.2948977	1.77E-01	89008406	89008529	NC_000016.9
cg26607031	1.10E-06	1.56E-07	5.44	6.2936005	1.19E-01	9602701	9602824	NC_000001.10
cg00660701	1.10E-06	1.56E-07	5.44	6.2935211	5.10E-02	17249201	17249324	NC_000001.10
cg22280820	1.10E-06	1.56E-07	5.44	6.2935068	8.10E-02	70958936	70959059	NC_000011.9
cg01089319	1.10E-06	1.56E-07	5.44	6.293463	1.03E-01	171676809	171676932	NC_000002.11
cg19544372	1.10E-06	1.56E-07	5.44	6.2931087	1.24E-01	9609405	9609528	NC_000019.9
cg05516617	1.10E-06	1.57E-07	5.44	6.2928506	9.34E-02	27221689	27221812	NC_000007.13
cg27259633	1.10E-06	1.57E-07	5.44	6.2927786	1.00E-01	19534852	19534975	NC_000016.9
cg07062043	1.10E-06	1.57E-07	5.44	6.2924607	1.67E-01	60935910	60936033	NC_000010.10
cg04282082	1.10E-06	1.57E-07	5.44	6.2920384	1.08E-01	124988720	124988843	NC_000009.11
cg19763428	1.11E-06	1.57E-07	5.44	6.2912729	1.44E-01	32109831	32109954	NC_000007.13
cg04304434	1.11E-06	1.57E-07	5.44	6.2909674	1.88E-02	16305455	16305578	NC_000019.9

cg09820378	1.11E-06	1.57E-07	5.44	6.2905639	1.18E-01	140207488	140207611	NC_000005.9
cg01310397	1.11E-06	1.57E-07	5.44	6.2904218	1.04E-01	195490033	195490156	NC_000003.11
cg05999189	1.11E-06	1.57E-07	5.44	6.2902844	8.55E-02	18545071	18545194	NC_000020.10
cg06929724	1.11E-06	1.57E-07	5.44	6.2894833	5.05E-02	97991122	97991245	NC_000013.10
cg10367023	1.11E-06	1.57E-07	5.44	6.2894453	1.07E-01	223177287	223177410	NC_000002.11
cg12231340	1.11E-06	1.57E-07	5.44	6.2888463	5.89E-02	52685221	52685344	NC_000012.11
cg19500979	1.11E-06	1.57E-07	5.44	6.2881348	7.79E-02	67287273	67287396	NC_000011.9
cg06824199	1.11E-06	1.57E-07	5.44	6.2877236	6.28E-02	47157809	47157932	NC_000001.10
cg26573704	1.11E-06	1.57E-07	5.44	6.2877181	1.59E-01	33892223	33892346	NC_000005.9
cg11897314	1.11E-06	1.57E-07	5.44	6.2872817	1.78E-01	119799832	119799955	NC_000005.9
cg23344706	1.11E-06	1.58E-07	5.44	6.2867236	5.80E-02	172593877	172594000	NC_000003.11
cg08448812	1.11E-06	1.58E-07	5.44	6.2861672	8.31E-02	140207760	140207883	NC_000005.9
cg14169008	1.11E-06	1.58E-07	5.44	6.2857485	2.75E-02	139444604	139444727	NC_000009.11
cg12258824	1.11E-06	1.58E-07	5.44	6.285526	6.34E-02	47354548	47354671	NC_000019.9
cg02235562	1.11E-06	1.58E-07	5.44	6.2854344	9.02E-02	36729137	36729260	NC_000013.10
cg02585729	1.11E-06	1.58E-07	5.44	6.2852195	3.36E-02	71619555	71619678	NC_000011.9
cg24395801	1.11E-06	1.58E-07	5.44	6.2843038	1.42E-01	86622624	86622747	NC_000001.10
cg21167612	1.11E-06	1.58E-07	5.44	6.2839547	1.15E-01	2196584	2196707	NC_000008.10
cg16864999	1.11E-06	1.58E-07	5.44	6.2837407	1.40E-01	117190160	117190283	NC_000011.9
cg27316754	1.11E-06	1.58E-07	5.44	6.2836901	8.94E-02	69441348	69441471	NC_000003.11
cg22290782	1.11E-06	1.58E-07	5.44	6.2834682	1.04E-01	48608794	48608917	NC_000017.10
cg05728282	1.11E-06	1.58E-07	5.44	6.2834136	5.98E-02	54473448	54473571	NC_000012.11
cg07252200	1.11E-06	1.58E-07	5.44	6.2826538	9.45E-02	125751941	125752064	NC_000010.10
cg08448341	1.11E-06	1.58E-07	5.44	6.2825417	5.97E-02	134324873	134324996	NC_000006.11
cg23966123	1.12E-06	1.58E-07	5.44	6.2819	3.07E-02	105886028	105886151	NC_000014.8

cg06414095	1.12E-06	1.58E-07	5.44	6.2818117	1.18E-01	1379969	1380092	NC_000019.9
cg01250563	1.12E-06	1.58E-07	5.44	6.2816951	7.67E-02	24142935	24143058	NC_000015.9
cg01962496	1.12E-06	1.59E-07	5.44	6.2805548	3.12E-02	78809740	78809863	NC_000005.9
cg14024788	1.12E-06	1.59E-07	5.44	6.2803662	1.32E-01	1875611	1875734	NC_000005.9
cg11228165	1.12E-06	1.59E-07	5.44	6.2798553	3.52E-02	132474636	132474759	NC_000012.11
cg26542796	1.12E-06	1.59E-07	5.44	6.2794627	3.15E-02	72148356	72148479	NC_000005.9
cg11096905	1.12E-06	1.59E-07	5.44	6.2792794	6.61E-02	63535567	63535690	NC_000017.10
cg10408178	1.12E-06	1.59E-07	5.44	6.2789971	1.17E-01	72219272	72219395	NC_000014.8
cg12400610	1.12E-06	1.59E-07	5.44	6.2786855	8.25E-02	126066699	126066822	NC_000006.11
cg18739932	1.12E-06	1.59E-07	5.44	6.2776329	7.76E-02	1112153	1112276	NC_000008.10
cg25990647	1.12E-06	1.59E-07	5.44	6.2773027	1.49E-01	54164081	54164204	NC_000008.10
cg13494826	1.12E-06	1.59E-07	5.44	6.2772648	7.36E-02	132472473	132472596	NC_000009.11
cg13969146	1.12E-06	1.59E-07	5.44	6.2772375	5.99E-02	30892490	30892613	NC_000008.10
cg09793584	1.12E-06	1.59E-07	5.44	6.2756892	1.89E-01	156391310	156391433	NC_000001.10
cg16234335	1.12E-06	1.59E-07	5.44	6.2756355	5.31E-02	140188119	140188242	NC_000005.9
cg13263323	1.12E-06	1.59E-07	5.44	6.2749529	6.79E-02	86062960	86063083	NC_000015.9
cg05520811	1.12E-06	1.59E-07	5.44	6.2747492	7.84E-02	68773448	68773571	NC_000011.9
cg19236995	1.12E-06	1.60E-07	5.44	6.2736569	1.50E-01	98515177	98515300	NC_000001.10
cg21363811	1.13E-06	1.60E-07	5.44	6.2726989	7.46E-02	179713950	179714073	NC_000001.10
cg02637537	1.13E-06	1.60E-07	5.44	6.2724653	9.23E-02	22447181	22447304	NC_000008.10
cg27523417	1.13E-06	1.60E-07	5.44	6.2723481	6.94E-02	3018024	3018147	NC_000001.10
cg25560775	1.13E-06	1.60E-07	5.44	6.271772	1.11E-01	65707468	65707591	NC_000015.9
cg10979880	1.13E-06	1.60E-07	5.44	6.27159	1.85E-01	105584689	105584812	NC_000006.11
cg27391627	1.13E-06	1.60E-07	5.44	6.2711393	5.75E-02	86704130	86704253	NC_000016.9
cg12926529	1.13E-06	1.60E-07	5.44	6.2711265	6.88E-02	118897188	118897311	NC_000011.9

cg10894483	1.13E-06	1.60E-07	5.44	6.2703022	1.52E-01	44257997	44258120	NC_000022.10
cg19713851	1.13E-06	1.60E-07	5.44	6.2701022	1.30E-01	233246594	233246717	NC_000002.11
cg18847904	1.13E-06	1.60E-07	5.44	6.2698351	1.19E-01	1779178	1779301	NC_000005.9
cg15585318	1.13E-06	1.60E-07	5.44	6.269498	9.50E-02	55515168	55515291	NC_000003.11
cg19898128	1.13E-06	1.60E-07	5.44	6.2690526	1.69E-01	166794971	166795094	NC_000004.11
cg07991675	1.13E-06	1.60E-07	5.44	6.2685954	4.02E-02	36697055	36697178	NC_000022.10
cg10864951	1.13E-06	1.61E-07	5.44	6.268127	5.28E-02	1159070	1159193	NC_000007.13
cg04981611	1.13E-06	1.61E-07	5.44	6.2670856	1.46E-01	47798477	47798600	NC_000002.11
cg23312425	1.13E-06	1.61E-07	5.44	6.2667295	6.73E-02	64120623	64120746	NC_000011.9
cg18406285	1.13E-06	1.61E-07	5.44	6.2665107	1.13E-01	11164228	11164351	NC_000002.11
cg07590529	1.13E-06	1.61E-07	5.44	6.2662805	1.20E-01	85471973	85472096	NC_000006.11
cg04221624	1.13E-06	1.61E-07	5.44	6.2660754	5.01E-02	72274527	72274650	NC_000010.10
cg18346784	1.13E-06	1.61E-07	5.44	6.2657456	1.24E-02	10754162	10754285	NC_000001.10
cg19247350	1.13E-06	1.61E-07	5.44	6.2656641	1.94E-01	26250919	26251042	NC_000006.11
cg20561300	1.13E-06	1.61E-07	5.44	6.2653714	4.90E-02	93189780	93189903	NC_000015.9
cg11292836	1.13E-06	1.61E-07	5.44	6.2647982	1.08E-01	78361907	78362030	NC_000012.11
cg13864473	1.13E-06	1.61E-07	5.44	6.2642594	1.14E-01	228194036	228194159	NC_000001.10
cg17918544	1.13E-06	1.61E-07	5.44	6.2637235	1.02E-01	24123363	24123486	NC_000015.9
cg04355159	1.14E-06	1.61E-07	5.44	6.2628654	1.06E-01	111533951	111534074	NC_000004.11
cg26022073	1.14E-06	1.62E-07	5.44	6.2622811	1.43E-01	42836025	42836148	NC_000017.10
cg23514135	1.14E-06	1.62E-07	5.44	6.2617767	1.33E-01	1110315	1110438	NC_000005.9
cg00575005	1.14E-06	1.62E-07	5.44	6.2617207	1.56E-01	84562888	84563011	NC_000006.11
cg11231249	1.14E-06	1.62E-07	5.44	6.2612179	1.45E-01	80531599	80531722	NC_000002.11
cg19793640	1.14E-06	1.62E-07	5.44	6.2606106	7.75E-02	40822862	40822985	NC_000021.8
cg03295083	1.14E-06	1.62E-07	5.44	6.259885	1.47E-01	50574912	50575035	NC_000002.11

cg16591048	1.14E-06	1.62E-07	5.44	6.2594855	5.40E-02	2836816	2836939	NC_000016.9
cg23734234	1.14E-06	1.62E-07	5.44	6.2589084	4.31E-02	138602549	138602672	NC_000007.13
cg21129181	1.14E-06	1.62E-07	5.43	6.2577247	6.72E-02	1553224	1553347	NC_000005.9
cg24953321	1.14E-06	1.62E-07	5.43	6.2573968	9.11E-02	32860553	32860676	NC_000003.11
cg14304817	1.14E-06	1.62E-07	5.43	6.2572227	1.56E-01	89867911	89868034	NC_000011.9
cg21964800	1.14E-06	1.62E-07	5.43	6.2567652	8.75E-02	63272764	63272887	NC_000011.9
cg07716696	1.14E-06	1.63E-07	5.43	6.2558396	1.36E-01	24123232	24123355	NC_000015.9
cg06398482	1.14E-06	1.63E-07	5.43	6.2555929	1.09E-01	77411461	77411584	NC_000013.10
cg14497491	1.14E-06	1.63E-07	5.43	6.2547677	3.49E-02	77982477	77982600	NC_000017.10
cg13948987	1.14E-06	1.63E-07	5.43	6.2545518	1.04E-01	55039259	55039382	NC_000006.11
cg09051513	1.14E-06	1.63E-07	5.43	6.2544693	1.22E-01	824257	824380	NC_000011.9
cg07746241	1.15E-06	1.63E-07	5.43	6.2541473	8.07E-02	43920635	43920758	NC_000003.11
cg10236414	1.15E-06	1.63E-07	5.43	6.253874	9.13E-02	84455742	84455865	NC_000013.10
cg25760229	1.15E-06	1.63E-07	5.43	6.2538131	9.93E-02	1203595	1203718	NC_000016.9
cg16396441	1.15E-06	1.63E-07	5.43	6.25242	5.05E-02	84590014	84590137	NC_000016.9
cg10993442	1.15E-06	1.63E-07	5.43	6.2522935	8.69E-02	25257587	25257710	NC_000001.10
cg24421865	1.15E-06	1.63E-07	5.43	6.2520466	4.00E-02	45919623	45919746	NC_000021.8
cg15057061	1.15E-06	1.63E-07	5.43	6.2520025	1.79E-01	181437299	181437422	NC_000003.11
cg05280478	1.15E-06	1.63E-07	5.43	6.2519255	8.50E-02	73662588	73662711	NC_000017.10
cg25584626	1.15E-06	1.63E-07	5.43	6.2518798	1.40E-01	119800234	119800357	NC_000005.9
cg08757742	1.15E-06	1.63E-07	5.43	6.2517559	1.07E-01	80256371	80256494	NC_000005.9
cg23243038	1.15E-06	1.63E-07	5.43	6.2515222	1.19E-01	32859558	32859681	NC_000003.11
cg24094550	1.15E-06	1.63E-07	5.43	6.2514567	1.49E-01	54333565	54333688	NC_000012.11
cg00731958	1.15E-06	1.63E-07	5.43	6.2512554	2.88E-02	48081031	48081154	NC_000007.13
cg14430974	1.15E-06	1.63E-07	5.43	6.2505704	2.51E-02	21995735	21995858	NC_000009.11

cg09130077	1.15E-06	1.63E-07	5.43	6.2504898	1.65E-01	46810702	46810825	NC_000017.10
cg16146806	1.15E-06	1.64E-07	5.43	6.2493697	5.46E-02	6530205	6530328	NC_000001.10
cg21043746	1.15E-06	1.64E-07	5.43	6.2488063	6.85E-02	178565721	178565844	NC_000005.9
cg24558425	1.15E-06	1.64E-07	5.43	6.2479903	1.48E-01	34631613	34631736	NC_000001.10
cg14974938	1.15E-06	1.64E-07	5.43	6.2478384	1.04E-01	62606570	62606693	NC_000004.11
cg25764935	1.15E-06	1.64E-07	5.43	6.2475479	1.16E-01	168551427	168551550	NC_000006.11
cg11058942	1.15E-06	1.64E-07	5.43	6.2463289	1.33E-01	1287561	1287684	NC_000007.13
cg03540622	1.15E-06	1.64E-07	5.43	6.246006	6.53E-02	42706066	42706189	NC_000003.11
cg09103073	1.16E-06	1.64E-07	5.43	6.2448377	2.37E-02	39019724	39019847	NC_000017.10
cg14780132	1.16E-06	1.65E-07	5.43	6.2444565	1.45E-01	155254602	155254725	NC_000004.11
cg09628601	1.16E-06	1.65E-07	5.43	6.2443838	1.25E-01	47523630	47523753	NC_000019.9
cg26677406	1.16E-06	1.65E-07	5.43	6.2442959	5.96E-02	92580100	92580223	NC_000015.9
cg14118850	1.16E-06	1.65E-07	5.43	6.2431519	1.31E-01	10447890	10448013	NC_000002.11
cg03950614	1.16E-06	1.65E-07	5.43	6.2413862	1.12E-01	108486517	108486640	NC_000006.11
cg13840445	1.16E-06	1.65E-07	5.43	6.240486	9.13E-02	53530628	53530751	NC_000006.11
cg22616881	1.16E-06	1.65E-07	5.43	6.23979	1.16E-01	96642096	96642219	NC_000007.13
cg14601444	1.16E-06	1.65E-07	5.43	6.2391606	9.95E-02	74607536	74607659	NC_000002.11
cg12215340	1.16E-06	1.66E-07	5.43	6.238204	1.20E-01	4229610	4229733	NC_000020.10
cg23357913	1.16E-06	1.66E-07	5.43	6.2377001	5.13E-02	3806061	3806184	NC_000019.9
cg03839949	1.16E-06	1.66E-07	5.43	6.2376579	1.00E-01	128210541	128210664	NC_000003.11
cg24322623	1.16E-06	1.66E-07	5.43	6.2376401	1.11E-01	17740430	17740553	NC_000011.9
cg13641082	1.16E-06	1.66E-07	5.43	6.2371452	7.51E-02	2319604	2319727	NC_000007.13
cg18246262	1.16E-06	1.66E-07	5.43	6.2368723	1.30E-01	9762100	9762223	NC_000008.10
cg20954179	1.16E-06	1.66E-07	5.43	6.2368394	1.13E-01	175138488	175138611	NC_000004.11
cg02030034	1.16E-06	1.66E-07	5.43	6.2362771	1.08E-01	101292403	101292526	NC_000010.10

cg07773597	1.16E-06	1.66E-07	5.43	6.235972	1.23E-01	131793369	131793492	NC_000011.9
cg12511310	1.17E-06	1.66E-07	5.43	6.2357128	3.95E-02	11629778	11629901	NC_000011.9
cg11038322	1.17E-06	1.66E-07	5.43	6.2345814	1.58E-01	50682340	50682463	NC_000006.11
cg02193611	1.17E-06	1.66E-07	5.43	6.2337558	1.27E-01	23982779	23982902	NC_000010.10
cg11085304	1.17E-06	1.66E-07	5.43	6.2336196	1.20E-01	11047586	11047709	NC_000010.10
cg24805681	1.17E-06	1.66E-07	5.43	6.2332872	2.68E-02	82335638	82335761	NC_000015.9
cg08198486	1.17E-06	1.67E-07	5.43	6.2324247	4.58E-02	13612434	13612557	NC_000003.11
cg18762505	1.17E-06	1.67E-07	5.43	6.2323944	4.34E-02	59646049	59646172	NC_000001.10
cg10358745	1.17E-06	1.67E-07	5.43	6.2323439	5.39E-02	111473128	111473251	NC_000013.10
cg27349540	1.17E-06	1.67E-07	5.43	6.232316	4.34E-02	46580381	46580504	NC_000017.10
cg05729015	1.17E-06	1.67E-07	5.43	6.2319856	1.28E-01	10135225	10135348	NC_000010.10
cg25365260	1.17E-06	1.67E-07	5.43	6.231273	1.33E-01	46669781	46669904	NC_000017.10
cg02404974	1.17E-06	1.67E-07	5.43	6.2312653	8.16E-02	41376295	41376418	NC_000006.11
cg03686593	1.17E-06	1.67E-07	5.43	6.231116	2.40E-01	11149470	11149593	NC_000018.9
cg05677724	1.17E-06	1.67E-07	5.43	6.230594	7.11E-02	131125565	131125688	NC_000012.11
cg22402261	1.17E-06	1.67E-07	5.43	6.2290223	1.24E-01	36026611	36026734	NC_000001.10
cg03126616	1.17E-06	1.67E-07	5.43	6.2285843	9.25E-02	179003843	179003966	NC_000005.9
cg14661959	1.17E-06	1.67E-07	5.43	6.2284441	1.23E-01	152080471	152080594	NC_000001.10
cg16146177	1.17E-06	1.67E-07	5.43	6.2278176	1.09E-01	41883608	41883731	NC_000004.11
cg05264101	1.17E-06	1.67E-07	5.43	6.2274254	9.95E-02	75880308	75880431	NC_000017.10
cg13804058	1.17E-06	1.67E-07	5.43	6.2273145	1.32E-01	115880935	115881058	NC_000001.10
cg08561856	1.17E-06	1.68E-07	5.43	6.2269809	1.49E-01	44324945	44325068	NC_000019.9
cg22352800	1.18E-06	1.68E-07	5.43	6.2262716	1.01E-01	177014467	177014590	NC_000002.11
cg02719154	1.18E-06	1.68E-07	5.43	6.2262633	1.18E-01	111533823	111533946	NC_000004.11
cg21885864	1.18E-06	1.68E-07	5.43	6.2252189	1.47E-01	100644507	100644630	NC_000013.10



cg18351939	1.18E-06	1.68E-07	5.43	6.2243733	1.44E-01	41883164	41883287	NC_000004.11
cg10614025	1.18E-06	1.68E-07	5.43	6.2241134	9.95E-02	83348985	83349108	NC_000015.9
cg01254948	1.18E-06	1.68E-07	5.43	6.2238269	1.53E-01	89854539	89854662	NC_000005.9
cg00384701	1.18E-06	1.68E-07	5.43	6.2237601	1.06E-01	13974800	13974923	NC_000003.11
cg21762820	1.18E-06	1.68E-07	5.43	6.2235927	1.15E-01	166135233	166135356	NC_000001.10
cg02839029	1.18E-06	1.68E-07	5.43	6.2217793	3.92E-02	79026206	79026329	NC_000017.10
cg01350680	1.18E-06	1.68E-07	5.43	6.2213828	1.12E-01	124903314	124903437	NC_000010.10
cg01191048	1.18E-06	1.69E-07	5.43	6.2211257	3.08E-02	59295079	59295202	NC_000014.8
cg00732656	1.18E-06	1.69E-07	5.43	6.2210063	1.02E-01	150459814	150459937	NC_000003.11
cg03234839	1.18E-06	1.69E-07	5.43	6.2207178	7.22E-02	46408037	46408160	NC_000021.8
cg11685898	1.18E-06	1.69E-07	5.43	6.2204351	6.07E-02	64160521	64160644	NC_000010.10
cg11339837	1.18E-06	1.69E-07	5.43	6.2188582	1.29E-01	90967211	90967334	NC_000001.10
cg23474312	1.18E-06	1.69E-07	5.43	6.2186695	4.82E-02	158142707	158142830	NC_000006.11
cg02227331	1.18E-06	1.69E-07	5.43	6.2181693	4.16E-02	234663937	234664060	NC_000002.11
cg27343992	1.19E-06	1.69E-07	5.43	6.2179792	3.49E-02	35118177	35118300	NC_000006.11
cg15454552	1.19E-06	1.69E-07	5.43	6.2178515	5.33E-02	10026503	10026626	NC_000019.9
cg10435282	1.19E-06	1.69E-07	5.43	6.2174058	1.58E-02	13303971	13304094	NC_000011.9
cg04752299	1.19E-06	1.69E-07	5.43	6.2165365	9.48E-02	8085558	8085681	NC_000010.10
cg25152136	1.19E-06	1.70E-07	5.43	6.2154581	1.62E-01	139655077	139655200	NC_000003.11
cg20187572	1.19E-06	1.70E-07	5.43	6.2153863	4.84E-02	7802192	7802315	NC_000004.11
cg17964955	1.19E-06	1.70E-07	5.43	6.2149066	6.75E-02	48390936	48391059	NC_000010.10
cg14440640	1.19E-06	1.70E-07	5.43	6.2146982	9.10E-02	61578115	61578238	NC_000014.8
cg20630151	1.19E-06	1.70E-07	5.43	6.2144737	3.06E-02	138823086	138823209	NC_000003.11
cg06424550	1.19E-06	1.70E-07	5.43	6.2138716	5.68E-02	12808422	12808545	NC_000010.10
cg05719140	1.19E-06	1.70E-07	5.43	6.2136883	8.93E-02	63782426	63782549	NC_000001.10

cg00328284	1.19E-06	1.70E-07	5.43	6.213116	4.14E-02	41519119	41519242	NC_000008.10
cg06222162	1.19E-06	1.70E-07	5.43	6.2127875	8.85E-02	48131444	48131567	NC_000012.11
cg03122669	1.19E-06	1.70E-07	5.43	6.2126462	9.96E-02	54393442	54393565	NC_000012.11
cg25262044	1.19E-06	1.70E-07	5.43	6.2125325	9.79E-02	107958491	107958614	NC_000004.11
cg13553897	1.19E-06	1.70E-07	5.43	6.2125119	3.54E-02	4244667	4244790	NC_000019.9
cg27576271	1.19E-06	1.70E-07	5.43	6.2118711	1.11E-01	93096811	93096934	NC_000012.11
cg00107187	1.19E-06	1.70E-07	5.43	6.2115885	1.12E-01	105070998	105071121	NC_000014.8
cg27576259	1.19E-06	1.70E-07	5.43	6.2113276	1.08E-01	2567316	2567439	NC_000016.9
cg22268718	1.19E-06	1.70E-07	5.42	6.2105907	7.74E-02	131441413	131441536	NC_000008.10
cg18575770	1.19E-06	1.70E-07	5.42	6.2098622	1.33E-01	115121307	115121430	NC_000012.11
cg26672794	1.19E-06	1.71E-07	5.42	6.2095352	1.54E-01	25257131	25257254	NC_000001.10
cg22130145	1.19E-06	1.71E-07	5.42	6.2093065	1.22E-01	113391280	113391403	NC_000005.9
cg17128947	1.20E-06	1.71E-07	5.42	6.2087604	1.30E-01	779480	779603	NC_000004.11
cg02893231	1.20E-06	1.71E-07	5.42	6.2082298	1.19E-01	190444761	190444884	NC_000001.10
cg06937549	1.20E-06	1.71E-07	5.42	6.2075321	1.32E-01	179046350	179046473	NC_000005.9
cg06391377	1.20E-06	1.71E-07	5.42	6.2073641	2.57E-02	10273494	10273617	NC_000003.11
cg00230715	1.20E-06	1.71E-07	5.42	6.2071432	4.61E-02	106854267	106854390	NC_000005.9
cg13917560	1.20E-06	1.71E-07	5.42	6.2070182	5.69E-02	157372255	157372378	NC_000007.13
cg03481509	1.20E-06	1.71E-07	5.42	6.2064795	9.98E-02	172066964	172067087	NC_000005.9
cg27560452	1.20E-06	1.71E-07	5.42	6.2063172	8.41E-02	49499385	49499508	NC_000016.9
cg13574883	1.20E-06	1.71E-07	5.42	6.2055158	1.78E-01	1705861	1705984	NC_000007.13
cg21845273	1.20E-06	1.71E-07	5.42	6.2054955	1.34E-01	44037001	44037124	NC_000003.11
cg21609640	1.20E-06	1.71E-07	5.42	6.2041433	1.19E-01	166890380	166890503	NC_000001.10
cg11291773	1.20E-06	1.72E-07	5.42	6.2039862	5.34E-02	170487718	170487841	NC_000003.11
cg25240254	1.20E-06	1.72E-07	5.42	6.2038278	8.37E-02	56000944	56001067	NC_000019.9

cg09230996	1.20E-06	1.72E-07	5.42	6.2025864	1.09E-01	102498419	102498542	NC_000010.10
cg21904654	1.20E-06	1.72E-07	5.42	6.2013004	5.53E-02	31831890	31832013	NC_000006.11
cg24505778	1.20E-06	1.72E-07	5.42	6.2007144	3.81E-02	28852887	28853010	NC_000006.11
cg20072359	1.21E-06	1.72E-07	5.42	6.2000951	8.38E-02	77147272	77147395	NC_000017.10
cg24636327	1.21E-06	1.72E-07	5.42	6.1999358	7.46E-02	129614085	129614208	NC_000006.11
cg09077752	1.21E-06	1.72E-07	5.42	6.1998535	1.06E-01	115631389	115631512	NC_000011.9
cg21010475	1.21E-06	1.72E-07	5.42	6.1995764	8.71E-02	42401610	42401733	NC_000004.11
cg14479798	1.21E-06	1.72E-07	5.42	6.1985173	1.17E-01	129533998	129534121	NC_000010.10
cg09139491	1.21E-06	1.72E-07	5.42	6.1984791	3.09E-02	20392431	20392554	NC_000013.10
cg10303978	1.21E-06	1.73E-07	5.42	6.1980888	1.30E-01	50982437	50982560	NC_000016.9
cg15945262	1.21E-06	1.73E-07	5.42	6.1977671	5.48E-02	1881887	1882010	NC_000007.13
cg22415472	1.21E-06	1.73E-07	5.42	6.1973666	1.08E-01	108602361	108602484	NC_000002.11
cg06825415	1.21E-06	1.73E-07	5.42	6.196552	8.88E-02	13960359	13960482	NC_000005.9
cg13863153	1.21E-06	1.73E-07	5.42	6.1964077	1.02E-01	39628679	39628802	NC_000021.8
cg13649056	1.21E-06	1.73E-07	5.42	6.1959369	7.80E-02	136474626	136474749	NC_000009.11
cg08169778	1.21E-06	1.73E-07	5.42	6.1951487	1.20E-01	115846336	115846459	NC_000011.9
cg26283963	1.21E-06	1.73E-07	5.42	6.1937965	4.37E-02	29330752	29330875	NC_000007.13
cg22371227	1.21E-06	1.73E-07	5.42	6.1935393	8.09E-02	177139876	177139999	NC_000001.10
cg24239882	1.21E-06	1.73E-07	5.42	6.1933667	1.95E-01	22488229	22488352	NC_000012.11
cg19274270	1.21E-06	1.73E-07	5.42	6.1932744	5.75E-02	78178856	78178979	NC_000017.10
cg17297238	1.21E-06	1.73E-07	5.42	6.1932569	1.00E-01	140871590	140871713	NC_000005.9
cg21892111	1.21E-06	1.73E-07	5.42	6.1931979	8.44E-02	90171423	90171546	NC_000004.11
cg05718652	1.21E-06	1.74E-07	5.42	6.1926786	2.68E-02	19350153	19350276	NC_000017.10
cg24068299	1.21E-06	1.74E-07	5.42	6.1924211	1.89E-01	27071255	27071378	NC_000002.11
cg05082965	1.21E-06	1.74E-07	5.42	6.192319	1.16E-01	33404180	33404303	NC_000014.8

cg03185622	1.21E-06	1.74E-07	5.42	6.1922148	8.86E-02	1501226	1501349	NC_000008.10
cg21882300	1.22E-06	1.74E-07	5.42	6.1917097	1.26E-01	64831087	64831210	NC_000017.10
cg14472384	1.22E-06	1.74E-07	5.42	6.1915063	1.51E-01	27256375	27256498	NC_000006.11
cg17374727	1.22E-06	1.74E-07	5.42	6.1910959	4.09E-02	135615376	135615499	NC_000007.13
cg01576677	1.22E-06	1.74E-07	5.42	6.1907483	1.50E-01	45029908	45030031	NC_000002.11
cg03586412	1.22E-06	1.74E-07	5.42	6.1905689	7.88E-02	45811830	45811953	NC_000020.10
cg03560957	1.22E-06	1.74E-07	5.42	6.1900071	8.58E-02	55375066	55375189	NC_000008.10
cg26281453	1.22E-06	1.74E-07	5.42	6.1894214	2.05E-01	45810610	45810733	NC_000017.10
cg10553088	1.22E-06	1.74E-07	5.42	6.189252	1.48E-01	115372912	115373035	NC_000011.9
cg04284463	1.22E-06	1.74E-07	5.42	6.1885535	1.41E-01	154335766	154335889	NC_000002.11
cg01089249	1.22E-06	1.74E-07	5.42	6.1877741	1.20E-01	171676553	171676676	NC_000002.11
cg13726345	1.22E-06	1.74E-07	5.42	6.1875055	1.67E-01	129948126	129948249	NC_000010.10
cg15380603	1.22E-06	1.74E-07	5.42	6.187344	8.49E-02	91007563	91007686	NC_000006.11
cg00588262	1.22E-06	1.75E-07	5.42	6.1867986	5.44E-02	42348588	42348711	NC_000019.9
cg25254986	1.22E-06	1.75E-07	5.42	6.1860321	5.40E-02	46438747	46438870	NC_000019.9
cg02322252	1.22E-06	1.75E-07	5.42	6.1856567	1.46E-01	161274488	161274611	NC_000005.9
cg00300627	1.22E-06	1.75E-07	5.42	6.1849444	1.04E-01	132646360	132646483	NC_000009.11
cg13053372	1.22E-06	1.75E-07	5.42	6.1843561	3.69E-02	63032888	63033011	NC_000007.13
cg12008350	1.22E-06	1.75E-07	5.42	6.1842418	7.29E-02	79793208	79793331	NC_000017.10
cg17972013	1.22E-06	1.75E-07	5.42	6.1832469	1.13E-01	9547468	9547591	NC_000005.9
cg10372770	1.23E-06	1.75E-07	5.42	6.1829065	7.64E-02	12377156	12377279	NC_000019.9
cg18065811	1.23E-06	1.75E-07	5.42	6.1822426	1.28E-01	185940638	185940761	NC_000004.11
cg11830061	1.23E-06	1.75E-07	5.42	6.181929	6.57E-02	5185415	5185538	NC_000009.11
cg16857801	1.23E-06	1.76E-07	5.42	6.1815887	1.03E-01	49580017	49580140	NC_000011.9
cg03087607	1.23E-06	1.76E-07	5.42	6.1811774	1.24E-01	134210667	134210790	NC_000006.11

cg14324358	1.23E-06	1.76E-07	5.42	6.1810845	6.45E-02	140759213	140759336	NC_000006.11
cg06977257	1.23E-06	1.76E-07	5.42	6.1806397	3.41E-02	88789619	88789742	NC_000016.9
cg01880913	1.23E-06	1.76E-07	5.42	6.1805295	5.25E-02	23693527	23693650	NC_000007.13
cg13787987	1.23E-06	1.76E-07	5.42	6.1803739	1.12E-01	50970591	50970714	NC_000010.10
cg02340556	1.23E-06	1.76E-07	5.42	6.1802602	1.17E-01	46797764	46797887	NC_000017.10
cg20389750	1.23E-06	1.76E-07	5.42	6.1795648	3.71E-02	99929438	99929561	NC_000007.13
cg00750428	1.23E-06	1.76E-07	5.42	6.1789861	1.24E-01	106975489	106975612	NC_000012.11
cg06205172	1.23E-06	1.76E-07	5.42	6.1786401	1.04E-01	29032975	29033098	NC_000017.10
cg16278512	1.23E-06	1.76E-07	5.42	6.1783002	1.77E-01	12443529	12443652	NC_000007.13
cg19688222	1.23E-06	1.76E-07	5.42	6.177911	5.08E-02	4199452	4199575	NC_000004.11
cg11527220	1.23E-06	1.76E-07	5.42	6.1767206	3.22E-02	49041451	49041574	NC_000017.10
cg17876332	1.23E-06	1.76E-07	5.42	6.1763092	4.30E-02	945994	946117	NC_000017.10
cg03669358	1.23E-06	1.77E-07	5.42	6.1761107	7.38E-02	134981930	134982053	NC_000010.10
cg01327602	1.23E-06	1.77E-07	5.42	6.1760815	9.69E-02	55952038	55952161	NC_000019.9
cg16099707	1.23E-06	1.77E-07	5.42	6.1755086	1.62E-01	47518068	47518191	NC_000021.8
cg07135042	1.23E-06	1.77E-07	5.42	6.1746261	1.82E-01	56905152	56905275	NC_000019.9
cg24430642	1.23E-06	1.77E-07	5.42	6.1745865	2.38E-02	50528746	50528869	NC_000022.10
cg09035284	1.24E-06	1.77E-07	5.42	6.1722742	1.66E-01	219850123	219850246	NC_000002.11
cg11083967	1.24E-06	1.77E-07	5.42	6.1721275	6.81E-02	97500345	97500468	NC_000014.8
cg16837206	1.24E-06	1.77E-07	5.42	6.1716464	7.64E-02	104972474	104972597	NC_000011.9
cg24201033	1.24E-06	1.77E-07	5.42	6.1707374	8.91E-02	50204707	50204830	NC_000019.9
cg08957069	1.24E-06	1.78E-07	5.42	6.1699585	1.75E-01	28743700	28743823	NC_000006.11
cg26757097	1.24E-06	1.78E-07	5.42	6.1699399	6.10E-02	33260263	33260386	NC_000006.11
cg13466917	1.24E-06	1.78E-07	5.42	6.1694611	9.94E-02	57116416	57116539	NC_000017.10
cg27343801	1.24E-06	1.78E-07	5.42	6.1691641	4.89E-02	46444017	46444140	NC_000019.9

cg08719486	1.24E-06	1.78E-07	5.42	6.1690058	1.12E-01	90112101	90112224	NC_000009.11
cg08762484	1.24E-06	1.78E-07	5.42	6.1687617	6.12E-02	125058884	125059007	NC_000012.11
cg14432018	1.24E-06	1.78E-07	5.42	6.1684597	7.83E-02	23892770	23892893	NC_000015.9
cg15692992	1.24E-06	1.78E-07	5.42	6.1675493	1.24E-01	112710428	112710551	NC_000013.10
cg03330377	1.24E-06	1.78E-07	5.42	6.1673324	3.49E-02	92242243	92242366	NC_000007.13
cg17472796	1.24E-06	1.78E-07	5.42	6.1672917	3.05E-02	72406685	72406808	NC_000011.9
cg27233338	1.24E-06	1.78E-07	5.42	6.1671513	5.32E-02	25101646	25101769	NC_000015.9
cg03696393	1.24E-06	1.78E-07	5.42	6.1668799	1.20E-02	107027491	107027614	NC_000013.10
cg27466999	1.24E-06	1.78E-07	5.42	6.1664749	5.18E-02	948246	948369	NC_000016.9
cg21770060	1.25E-06	1.78E-07	5.42	6.1658864	6.65E-02	159583545	159583668	NC_000003.11
cg02835467	1.25E-06	1.78E-07	5.42	6.1656595	1.72E-01	63417385	63417508	NC_000018.9
cg00461506	1.25E-06	1.79E-07	5.41	6.163944	4.35E-02	7106214	7106337	NC_000007.13
cg12852499	1.25E-06	1.79E-07	5.41	6.163799	9.70E-02	79170959	79171082	NC_000013.10
cg10245915	1.25E-06	1.79E-07	5.41	6.1632557	1.63E-01	119001478	119001601	NC_000010.10
cg08257133	1.25E-06	1.79E-07	5.41	6.1630562	6.10E-02	52711352	52711475	NC_000012.11
cg21249563	1.25E-06	1.79E-07	5.41	6.1630134	8.28E-02	29297717	29297840	NC_000002.11
cg09088190	1.25E-06	1.79E-07	5.41	6.1629348	4.42E-02	46656967	46657090	NC_000006.11
cg14239588	1.25E-06	1.79E-07	5.41	6.1618349	9.78E-02	23258573	23258696	NC_000019.9
cg13849066	1.25E-06	1.79E-07	5.41	6.1616798	6.87E-02	37331768	37331891	NC_000017.10
cg01840244	1.25E-06	1.79E-07	5.41	6.1610185	1.26E-02	45915264	45915387	NC_000013.10
cg11600186	1.25E-06	1.80E-07	5.41	6.1597067	9.79E-02	32945273	32945396	NC_000006.11
cg09494378	1.25E-06	1.80E-07	5.41	6.1591898	8.59E-02	18127503	18127626	NC_000007.13
cg03145999	1.25E-06	1.80E-07	5.41	6.1587627	1.69E-01	58629828	58629951	NC_000019.9
cg15480475	1.25E-06	1.80E-07	5.41	6.1580792	8.10E-02	8060060	8060183	NC_000011.9
cg00503302	1.26E-06	1.80E-07	5.41	6.1572588	1.17E-01	62355319	62355442	NC_000003.11

cg14239515	1.26E-06	1.80E-07	5.41	6.1557556	1.54E-01	38885242	38885365	NC_000019.9
cg06987468	1.26E-06	1.80E-07	5.41	6.1555722	1.37E-01	116963502	116963625	NC_000007.13
cg05569742	1.26E-06	1.80E-07	5.41	6.1555443	1.23E-01	122429414	122429537	NC_000005.9
cg05618683	1.26E-06	1.80E-07	5.41	6.1552102	5.97E-02	95040444	95040567	NC_000010.10
cg00779924	1.26E-06	1.80E-07	5.41	6.1547456	1.45E-01	8094641	8094764	NC_000010.10
cg00885918	1.26E-06	1.80E-07	5.41	6.154576	9.87E-02	30406997	30407120	NC_000020.10
cg05511872	1.26E-06	1.81E-07	5.41	6.1539428	1.12E-01	70824260	70824383	NC_000011.9
cg12044654	1.26E-06	1.81E-07	5.41	6.1537945	2.21E-02	139890342	139890465	NC_000008.10
cg13592022	1.26E-06	1.81E-07	5.41	6.1536855	5.95E-02	137111068	137111191	NC_000009.11
cg22503489	1.26E-06	1.81E-07	5.41	6.1533055	3.43E-02	122296027	122296150	NC_000003.11
cg23643100	1.26E-06	1.81E-07	5.41	6.1531473	5.73E-02	5012842	5012965	NC_000007.13
cg00188704	1.26E-06	1.81E-07	5.41	6.1528667	9.73E-02	27140797	27140920	NC_000007.13
cg04910970	1.26E-06	1.81E-07	5.41	6.1523183	9.89E-02	100053930	100054053	NC_000006.11
cg04927502	1.26E-06	1.81E-07	5.41	6.152089	1.40E-01	149889361	149889484	NC_000001.10
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cg03676298	1.26E-06	1.81E-07	5.41	6.1516818	4.93E-02	48078103	48078226	NC_000003.11
cg06830450	1.26E-06	1.81E-07	5.41	6.15132	1.15E-01	58121004	58121127	NC_000012.11
cg00016439	1.26E-06	1.81E-07	5.41	6.1510576	3.88E-02	55018650	55018773	NC_000018.9
cg02577108	1.26E-06	1.81E-07	5.41	6.1510279	1.49E-01	59478194	59478317	NC_000017.10
cg05819745	1.27E-06	1.81E-07	5.41	6.1491843	9.96E-02	71350743	71350866	NC_000011.9
cg07770129	1.27E-06	1.82E-07	5.41	6.1484914	7.33E-02	1345418	1345541	NC_000008.10
cg06606773	1.27E-06	1.82E-07	5.41	6.1483775	8.26E-02	63387053	63387176	NC_000007.13
cg16461251	1.27E-06	1.82E-07	5.41	6.1479355	1.21E-01	104640833	104640956	NC_000004.11
cg20648899	1.27E-06	1.82E-07	5.41	6.1479083	1.28E-01	94126141	94126264	NC_000006.11
cg21089584	1.27E-06	1.82E-07	5.41	6.1472471	6.36E-02	15385378	15385501	NC_000006.11

cg25936177	1.27E-06	1.82E-07	5.41	6.1464261	7.03E-02	89313056	89313179	NC_000015.9
cg23812680	1.27E-06	1.82E-07	5.41	6.1458944	1.17E-01	27561058	27561181	NC_000006.11
cg14716095	1.27E-06	1.82E-07	5.41	6.1443047	8.19E-02	20968690	20968813	NC_000013.10
cg04889069	1.27E-06	1.82E-07	5.41	6.1439993	9.13E-02	57030408	57030531	NC_000008.10
cg17023770	1.27E-06	1.83E-07	5.41	6.1429182	1.30E-01	140624874	140624997	NC_000005.9
cg05583171	1.28E-06	1.83E-07	5.41	6.1412042	8.81E-02	159382190	159382313	NC_000005.9
cg07018857	1.28E-06	1.83E-07	5.41	6.1409662	4.81E-02	239834442	239834565	NC_000002.11
cg18193764	1.28E-06	1.83E-07	5.41	6.1405272	1.38E-01	134879961	134880084	NC_000005.9
cg23348297	1.28E-06	1.83E-07	5.41	6.1398908	3.28E-02	134018798	134018921	NC_000010.10
cg18666249	1.28E-06	1.83E-07	5.41	6.1398833	5.61E-02	89670502	89670625	NC_000014.8
cg18382926	1.28E-06	1.83E-07	5.41	6.1390987	4.75E-02	1113624	1113747	NC_000001.10
cg09743615	1.28E-06	1.83E-07	5.41	6.138552	5.70E-02	69054431	69054554	NC_000011.9
cg14554491	1.28E-06	1.83E-07	5.41	6.138442	1.52E-01	4769093	4769216	NC_000019.9
cg21548220	1.28E-06	1.84E-07	5.41	6.1376392	7.70E-02	46284048	46284171	NC_000019.9
cg10860308	1.28E-06	1.84E-07	5.41	6.1356596	9.19E-02	124714384	124714507	NC_000010.10
cg27577928	1.28E-06	1.84E-07	5.41	6.1347708	9.80E-02	54975388	54975511	NC_000004.11
cg02604503	1.28E-06	1.84E-07	5.41	6.1345203	1.18E-01	134872315	134872438	NC_000005.9
cg17107893	1.28E-06	1.84E-07	5.41	6.1341674	1.09E-01	36912880	36913003	NC_000019.9
cg20971488	1.28E-06	1.84E-07	5.41	6.1335459	5.78E-02	228786295	228786418	NC_000001.10
cg27309276	1.28E-06	1.84E-07	5.41	6.1334613	1.64E-01	145718098	145718221	NC_000005.9
cg03075709	1.29E-06	1.84E-07	5.41	6.133205	1.61E-01	2755820	2755943	NC_000005.9
cg20037507	1.29E-06	1.85E-07	5.41	6.1331286	8.75E-02	62363248	62363371	NC_000003.11
cg14251267	1.29E-06	1.85E-07	5.41	6.1328515	7.79E-02	62406428	62406551	NC_000020.10
cg08817483	1.29E-06	1.85E-07	5.41	6.1328059	1.54E-01	20744547	20744670	NC_000017.10
cg07765161	1.29E-06	1.85E-07	5.41	6.1324714	1.00E-01	1272325	1272448	NC_000007.13



cg11613427	1.29E-06	1.85E-07	5.41	6.1312173	1.10E-01	52932208	52932331	NC_000003.11
cg26305817	1.29E-06	1.85E-07	5.41	6.1310288	1.31E-01	172656055	172656178	NC_000005.9
cg14415885	1.29E-06	1.85E-07	5.41	6.1309458	1.07E-01	119531122	119531245	NC_000001.10
cg21907579	1.29E-06	1.85E-07	5.41	6.1302568	1.43E-01	114845868	114845991	NC_000012.11
cg11391201	1.29E-06	1.85E-07	5.41	6.1291264	1.09E-01	44333070	44333193	NC_000011.9
cg23603852	1.29E-06	1.85E-07	5.41	6.1287248	5.47E-02	105233423	105233546	NC_000010.10
cg18599750	1.29E-06	1.85E-07	5.41	6.1281177	4.48E-02	99664910	99665033	NC_000014.8
cg08652369	1.29E-06	1.85E-07	5.41	6.1279999	3.02E-02	66429805	66429928	NC_000003.11
cg22931604	1.29E-06	1.86E-07	5.41	6.1277938	9.64E-02	129694392	129694515	NC_000003.11
cg11804692	1.29E-06	1.86E-07	5.41	6.1269498	5.86E-02	2777158	2777281	NC_000001.10
cg25015271	1.29E-06	1.86E-07	5.41	6.1266623	4.96E-02	76818797	76818920	NC_000010.10
cg16435782	1.29E-06	1.86E-07	5.41	6.126218	5.67E-02	39087399	39087522	NC_000021.8
cg05051550	1.29E-06	1.86E-07	5.41	6.1261345	6.81E-02	106766775	106766898	NC_000004.11
cg04597985	1.29E-06	1.86E-07	5.41	6.1260198	9.36E-02	138114706	138114829	NC_000004.11
cg03883331	1.29E-06	1.86E-07	5.41	6.1259308	4.81E-02	244217328	244217451	NC_000001.10
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cg23041896	1.29E-06	1.86E-07	5.41	6.1256387	3.70E-02	144462235	144462358	NC_000008.10
cg23102129	1.30E-06	1.86E-07	5.41	6.1250576	3.56E-02	42926481	42926604	NC_000005.9
cg27295963	1.30E-06	1.86E-07	5.41	6.1248479	1.12E-01	56622951	56623074	NC_000016.9
cg08410039	1.30E-06	1.86E-07	5.41	6.124012	6.26E-02	41043711	41043834	NC_000015.9
cg17412464	1.30E-06	1.86E-07	5.41	6.123771	4.29E-02	141993376	141993499	NC_000005.9
cg13535593	1.30E-06	1.86E-07	5.41	6.1236841	1.53E-01	3786125	3786248	NC_000019.9
cg23984446	1.30E-06	1.86E-07	5.41	6.1232946	8.22E-02	56756800	56756923	NC_000011.9
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cg15723709	1.30E-06	1.86E-07	5.41	6.1227589	1.35E-01	44337982	44338105	NC_000011.9

cg27091617	1.30E-06	1.87E-07	5.41	6.1225675	6.40E-02	6114699	6114822	NC_000004.11
cg23982315	1.30E-06	1.87E-07	5.41	6.1225598	8.88E-03	15005487	15005610	NC_000004.11
cg05301866	1.30E-06	1.87E-07	5.41	6.1224246	9.03E-02	162279964	162280087	NC_000002.11
cg22797735	1.30E-06	1.87E-07	5.41	6.122397	1.73E-01	115122157	115122280	NC_000012.11
cg06482783	1.30E-06	1.87E-07	5.41	6.1220198	4.21E-02	115289176	115289299	NC_000005.9
cg02450725	1.30E-06	1.87E-07	5.41	6.1213293	3.31E-02	75502873	75502996	NC_000017.10
cg03302386	1.30E-06	1.87E-07	5.41	6.121027	4.84E-02	38069204	38069327	NC_000003.11
cg21291771	1.30E-06	1.87E-07	5.41	6.1208733	6.30E-02	38954603	38954726	NC_000017.10
cg27573888	1.30E-06	1.87E-07	5.41	6.1208539	1.59E-02	28206343	28206466	NC_000001.10
cg15760840	1.30E-06	1.87E-07	5.41	6.1204456	1.31E-01	27225222	27225345	NC_000007.13
cg14698025	1.30E-06	1.87E-07	5.41	6.1198177	5.27E-02	1245418	1245541	NC_000010.10
cg21662506	1.30E-06	1.87E-07	5.41	6.1195678	9.93E-02	167956425	167956548	NC_000005.9
cg19787532	1.30E-06	1.87E-07	5.41	6.1193024	1.27E-01	114841880	114842003	NC_000012.11
cg05404698	1.30E-06	1.87E-07	5.41	6.1188518	2.03E-01	28956247	28956370	NC_000006.11
cg11864201	1.30E-06	1.87E-07	5.41	6.1187897	6.95E-02	77997198	77997321	NC_000017.10
cg21579274	1.30E-06	1.87E-07	5.41	6.118362	1.22E-01	115138445	115138568	NC_000012.11
cg21978924	1.30E-06	1.87E-07	5.41	6.1177667	1.07E-01	44332756	44332879	NC_000011.9
cg20227806	1.30E-06	1.87E-07	5.41	6.1176291	1.29E-01	40678760	40678883	NC_000002.11
cg09176539	1.30E-06	1.88E-07	5.41	6.1173503	7.43E-02	49580074	49580197	NC_000011.9
cg20755748	1.30E-06	1.88E-07	5.41	6.1169313	7.85E-02	31799116	31799239	NC_000012.11
cg11198128	1.31E-06	1.88E-07	5.4	6.1166595	1.90E-01	65601332	65601455	NC_000011.9
cg09416313	1.31E-06	1.88E-07	5.4	6.1163383	1.66E-01	3801727	3801850	NC_000019.9
cg13345375	1.31E-06	1.88E-07	5.4	6.1160672	6.17E-02	10382269	10382392	NC_000003.11
cg04943225	1.31E-06	1.88E-07	5.4	6.11582	1.05E-01	47799165	47799288	NC_000002.11
cg27400216	1.31E-06	1.88E-07	5.4	6.1147474	7.61E-02	56702913	56703036	NC_000018.9

cg27195326	1.31E-06	1.88E-07	5.4	6.1144572	1.01E-01	41087459	41087582	NC_000012.11
cg09482777	1.31E-06	1.88E-07	5.4	6.1143363	1.40E-01	80531645	80531768	NC_000002.11
cg27464144	1.31E-06	1.88E-07	5.4	6.1139525	1.01E-01	66951572	66951695	NC_000017.10
cg26527487	1.31E-06	1.88E-07	5.4	6.113949	1.54E-01	99469819	99469942	NC_000001.10
cg07005513	1.31E-06	1.88E-07	5.4	6.1139003	1.15E-01	61595956	61596079	NC_000011.9
cg12012886	1.31E-06	1.88E-07	5.4	6.1132067	4.33E-02	92168191	92168314	NC_000007.13
cg20806345	1.31E-06	1.89E-07	5.4	6.1122495	1.14E-01	182543706	182543829	NC_000002.11
cg19592720	1.31E-06	1.89E-07	5.4	6.111447	1.14E-01	95971840	95971963	NC_000002.11
cg02092785	1.31E-06	1.89E-07	5.4	6.1114436	1.44E-01	13012998	13013121	NC_000006.11
cg12529457	1.31E-06	1.89E-07	5.4	6.1110192	6.13E-02	240428927	240429050	NC_000002.11
cg03454017	1.31E-06	1.89E-07	5.4	6.1108098	1.10E-01	71479333	71479456	NC_000015.9
cg21544805	1.31E-06	1.89E-07	5.4	6.110191	8.98E-02	8334656	8334779	NC_000001.10
cg12878216	1.31E-06	1.89E-07	5.4	6.1101347	4.93E-02	74909201	74909324	NC_000006.11
cg11208165	1.31E-06	1.89E-07	5.4	6.1094168	1.10E-01	16308357	16308480	NC_000003.11
cg23623681	1.31E-06	1.89E-07	5.4	6.1093418	5.78E-02	32042797	32042920	NC_000006.11
cg20433989	1.31E-06	1.89E-07	5.4	6.1092287	1.03E-01	49683801	49683924	NC_000013.10
cg13486532	1.31E-06	1.89E-07	5.4	6.1089	1.55E-01	10421460	10421583	NC_000006.11
cg15245556	1.31E-06	1.89E-07	5.4	6.1087893	9.31E-02	49843259	49843382	NC_000022.10
cg03371043	1.32E-06	1.90E-07	5.4	6.1070986	3.46E-02	31930833	31930956	NC_000006.11
cg04546917	1.32E-06	1.90E-07	5.4	6.1069566	4.98E-02	73667384	73667507	NC_000017.10
cg19734465	1.32E-06	1.90E-07	5.4	6.1068825	1.20E-01	140767412	140767535	NC_000005.9
cg01605516	1.32E-06	1.90E-07	5.4	6.1065347	2.89E-02	152369723	152369846	NC_000007.13
cg24802014	1.32E-06	1.90E-07	5.4	6.1061996	1.31E-01	30717755	30717878	NC_000019.9
cg01832737	1.32E-06	1.90E-07	5.4	6.1059817	1.31E-01	166075022	166075145	NC_000006.11
cg19921286	1.32E-06	1.90E-07	5.4	6.1055803	7.96E-02	201118305	201118428	NC_000002.11

cg05123263	1.32E-06	1.90E-07	5.4	6.1049899	1.00E-01	131223404	131223527	NC_000010.10
cg00469856	1.32E-06	1.90E-07	5.4	6.1037668	7.92E-02	71017557	71017680	NC_000002.11
cg26150071	1.32E-06	1.90E-07	5.4	6.1037124	1.79E-01	34629559	34629682	NC_000001.10
cg07650681	1.32E-06	1.90E-07	5.4	6.1030291	1.36E-01	43885007	43885130	NC_000006.11
cg04518195	1.32E-06	1.90E-07	5.4	6.1028866	8.46E-02	51020534	51020657	NC_000019.9
cg10608596	1.32E-06	1.90E-07	5.4	6.1026258	1.35E-01	11785125	11785248	NC_000019.9
cg02817030	1.32E-06	1.91E-07	5.4	6.1019709	1.50E-01	20833508	20833631	NC_000007.13
cg00165078	1.32E-06	1.91E-07	5.4	6.101207	6.75E-02	94799132	94799255	NC_000001.10
cg00002769	1.33E-06	1.91E-07	5.4	6.1007432	3.87E-02	90002618	90002741	NC_000016.9
cg15030397	1.33E-06	1.91E-07	5.4	6.1006487	8.87E-02	140764679	140764802	NC_000005.9
cg03127886	1.33E-06	1.91E-07	5.4	6.1002756	7.70E-02	85966237	85966360	NC_000016.9
cg23874561	1.33E-06	1.91E-07	5.4	6.0996735	1.52E-01	81124484	81124607	NC_000004.11
cg02936931	1.33E-06	1.91E-07	5.4	6.0995438	7.42E-02	134856977	134857100	NC_000006.11
cg15035382	1.33E-06	1.91E-07	5.4	6.099004	4.94E-02	40728255	40728378	NC_000019.9
cg25008263	1.33E-06	1.91E-07	5.4	6.0983571	9.65E-02	89884608	89884731	NC_000014.8
cg02330121	1.33E-06	1.91E-07	5.4	6.0972058	1.25E-01	118228514	118228637	NC_000006.11
cg22354782	1.33E-06	1.92E-07	5.4	6.096318	1.14E-01	115881132	115881255	NC_000001.10
cg24069286	1.33E-06	1.92E-07	5.4	6.0963121	1.05E-01	186300477	186300600	NC_000004.11
cg26103526	1.33E-06	1.92E-07	5.4	6.0961397	2.29E-02	55212952	55213075	NC_000005.9
cg02620015	1.33E-06	1.92E-07	5.4	6.0958121	2.88E-02	127341229	127341352	NC_000003.11
cg18822036	1.33E-06	1.92E-07	5.4	6.0955105	7.07E-02	131371659	131371782	NC_000008.10
cg09833158	1.33E-06	1.92E-07	5.4	6.0953494	9.81E-02	51823006	51823129	NC_000014.8
cg27565473	1.33E-06	1.92E-07	5.4	6.095194	6.56E-02	47398007	47398130	NC_000003.11
cg04603391	1.33E-06	1.92E-07	5.4	6.0943493	8.74E-02	31844056	31844179	NC_000019.9
cg23038824	1.33E-06	1.92E-07	5.4	6.0938954	5.02E-02	66676634	66676757	NC_000011.9

cg13906082	1.33E-06	1.92E-07	5.4	6.0937916	2.19E-02	110482541	110482664	NC_000009.11
cg18050139	1.33E-06	1.92E-07	5.4	6.0935089	5.77E-02	117099208	117099331	NC_000012.11
cg22251117	1.34E-06	1.92E-07	5.4	6.0927873	5.72E-02	182954	183077	NC_000017.10
cg19949550	1.34E-06	1.92E-07	5.4	6.0927744	6.26E-02	94423704	94423827	NC_000014.8
cg21410276	1.34E-06	1.92E-07	5.4	6.092603	6.11E-02	71507686	71507809	NC_000015.9
cg11777870	1.34E-06	1.93E-07	5.4	6.0918913	5.03E-02	52191937	52192060	NC_000014.8
cg19886978	1.34E-06	1.93E-07	5.4	6.0918202	2.37E-02	63967183	63967306	NC_000015.9
cg14106584	1.34E-06	1.93E-07	5.4	6.0917164	6.30E-02	45737537	45737660	NC_000009.11
cg06095270	1.34E-06	1.93E-07	5.4	6.0902684	1.01E-01	100060980	100061103	NC_000006.11
cg01076272	1.34E-06	1.93E-07	5.4	6.0899325	1.07E-01	86320281	86320404	NC_000016.9
cg01429662	1.34E-06	1.93E-07	5.4	6.0891137	2.04E-01	47210162	47210285	NC_000017.10
cg16573782	1.34E-06	1.93E-07	5.4	6.0890562	1.49E-01	49315536	49315659	NC_000016.9
cg02758236	1.34E-06	1.93E-07	5.4	6.0889365	1.44E-01	128562003	128562126	NC_000011.9
cg25486432	1.34E-06	1.93E-07	5.4	6.0886035	4.67E-02	24737336	24737459	NC_000012.11
cg26491484	1.34E-06	1.93E-07	5.4	6.0873901	5.00E-02	133885058	133885181	NC_000009.11
cg07724304	1.34E-06	1.94E-07	5.4	6.0868488	3.28E-02	73509955	73510078	NC_000017.10
cg17852564	1.34E-06	1.94E-07	5.4	6.0868276	8.46E-02	51806490	51806613	NC_000001.10
cg10086659	1.34E-06	1.94E-07	5.4	6.0861917	1.00E-01	177040226	177040349	NC_000002.11
cg10683929	1.34E-06	1.94E-07	5.4	6.085675	1.01E-01	147077354	147077477	NC_000003.11
cg01841306	1.35E-06	1.94E-07	5.4	6.0842043	1.12E-01	908923	909046	NC_000017.10
cg00997310	1.35E-06	1.94E-07	5.4	6.0837332	5.04E-02	3789280	3789403	NC_000001.10
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cg12565679	1.35E-06	1.94E-07	5.4	6.0825158	6.21E-02	135283016	135283139	NC_000005.9
cg27634151	1.35E-06	1.95E-07	5.4	6.0805572	1.12E-01	94134646	94134769	NC_000011.9
cg15531369	1.35E-06	1.95E-07	5.4	6.0792217	7.24E-02	49993157	49993280	NC_000019.9

cg24548682	1.35E-06	1.95E-07	5.4	6.0788745	1.58E-01	57687768	57687891	NC_000004.11
cg04384033	1.35E-06	1.95E-07	5.4	6.0787272	6.87E-02	173111646	173111769	NC_000003.11
cg10473266	1.35E-06	1.95E-07	5.4	6.0785736	6.91E-02	112548728	112548851	NC_000005.9
cg08129129	1.35E-06	1.95E-07	5.4	6.0782892	4.37E-02	99714031	99714154	NC_000014.8
cg16562959	1.36E-06	1.95E-07	5.4	6.077294	1.43E-01	166419479	166419602	NC_000006.11
cg20253855	1.36E-06	1.95E-07	5.4	6.0770283	8.95E-02	101762511	101762634	NC_000007.13
cg12865552	1.36E-06	1.96E-07	5.4	6.0765026	1.59E-01	77721631	77721754	NC_000017.10
cg27309702	1.36E-06	1.96E-07	5.4	6.0762985	3.97E-02	57792310	57792433	NC_000016.9
cg05053688	1.36E-06	1.96E-07	5.4	6.0758257	1.10E-01	101702744	101702867	NC_000001.10
cg05753046	1.36E-06	1.96E-07	5.4	6.074812	7.77E-02	67801224	67801347	NC_000011.9
cg14458068	1.36E-06	1.96E-07	5.4	6.0743328	1.18E-01	140772256	140772379	NC_000005.9
cg09682330	1.36E-06	1.96E-07	5.4	6.0727996	1.65E-01	28411287	28411410	NC_000006.11
cg00913283	1.36E-06	1.96E-07	5.4	6.0723246	6.40E-02	4832340	4832463	NC_000007.13
cg26780333	1.36E-06	1.97E-07	5.4	6.0718763	8.20E-02	74058972	74059095	NC_000014.8
cg25344367	1.36E-06	1.97E-07	5.4	6.0718745	2.88E-02	44220337	44220460	NC_000019.9
cg20414186	1.36E-06	1.97E-07	5.4	6.0711487	1.00E-01	32064491	32064614	NC_000006.11
cg03388193	1.37E-06	1.97E-07	5.4	6.0699002	1.43E-01	100996070	100996193	NC_000010.10
cg00251610	1.37E-06	1.97E-07	5.39	6.0691825	1.55E-01	158527817	158527940	NC_000005.9
cg18611828	1.37E-06	1.97E-07	5.39	6.0689301	4.82E-02	3284127	3284250	NC_000010.10
cg13570487	1.37E-06	1.97E-07	5.39	6.0686005	6.71E-02	142574509	142574632	NC_000007.13
cg25038311	1.37E-06	1.97E-07	5.39	6.0685467	1.31E-01	104964751	104964874	NC_000010.10
cg05467716	1.37E-06	1.97E-07	5.39	6.0671748	9.48E-02	62774079	62774202	NC_000017.10
cg04637809	1.37E-06	1.97E-07	5.39	6.0671239	4.48E-02	32822480	32822603	NC_000016.9
cg06667761	1.37E-06	1.97E-07	5.39	6.067086	1.09E-01	134073627	134073750	NC_000004.11
cg15320272	1.37E-06	1.98E-07	5.39	6.0658822	3.42E-02	48677773	48677896	NC_000003.11

cg15736336	1.37E-06	1.98E-07	5.39	6.065511	3.09E-02	18891214	18891337	NC_000012.11
cg09512236	1.37E-06	1.98E-07	5.39	6.0645656	1.40E-01	79398415	79398538	NC_000010.10
cg06050065	1.37E-06	1.98E-07	5.39	6.0644841	3.60E-02	41113316	41113439	NC_000017.10
cg04274199	1.37E-06	1.98E-07	5.39	6.0643397	6.67E-02	47334057	47334180	NC_000021.8
cg11073773	1.37E-06	1.98E-07	5.39	6.0639995	1.05E-01	25897512	25897635	NC_000007.13
cg21392341	1.37E-06	1.98E-07	5.39	6.0638809	1.68E-01	119530677	119530800	NC_000001.10
cg05379541	1.38E-06	1.99E-07	5.39	6.0617089	1.47E-01	27252541	27252664	NC_000007.13
cg14269813	1.38E-06	1.99E-07	5.39	6.0608174	1.30E-01	3899055	3899178	NC_000009.11
cg06666008	1.38E-06	1.99E-07	5.39	6.0595122	1.03E-01	31819464	31819587	NC_000011.9
cg10257905	1.38E-06	1.99E-07	5.39	6.0582673	9.76E-02	12568092	12568215	NC_000017.10
cg00476430	1.38E-06	1.99E-07	5.39	6.0576843	5.36E-02	81947741	81947864	NC_000008.10
cg20090283	1.38E-06	1.99E-07	5.39	6.0572762	8.27E-02	36718549	36718672	NC_000017.10
cg09920172	1.38E-06	2.00E-07	5.39	6.0570817	9.85E-02	3870806	3870929	NC_000019.9
cg27404023	1.38E-06	2.00E-07	5.39	6.0553869	1.30E-01	162283994	162284117	NC_000002.11
cg18156592	1.38E-06	2.00E-07	5.39	6.0553229	1.57E-01	69143889	69144012	NC_000003.11
cg27363327	1.38E-06	2.00E-07	5.39	6.0552852	1.95E-01	43211208	43211331	NC_000006.11
cg27022678	1.38E-06	2.00E-07	5.39	6.0549526	5.55E-02	140563942	140564065	NC_000005.9
cg22639011	1.39E-06	2.00E-07	5.39	6.0538722	1.20E-01	30037875	30037998	NC_000011.9
cg27043531	1.39E-06	2.00E-07	5.39	6.0535497	4.81E-02	21965934	21966057	NC_000006.11
cg22603562	1.39E-06	2.00E-07	5.39	6.0531386	8.05E-02	50939919	50940042	NC_000019.9
cg18892624	1.39E-06	2.00E-07	5.39	6.0526014	7.35E-02	149973088	149973211	NC_000007.13
cg08577231	1.39E-06	2.01E-07	5.39	6.0521049	1.70E-02	403800	403923	NC_000016.9
cg02772711	1.39E-06	2.01E-07	5.39	6.0518801	3.24E-02	68770156	68770279	NC_000012.11
cg04373435	1.39E-06	2.01E-07	5.39	6.0514833	1.59E-01	79738582	79738705	NC_000002.11
cg22325703	1.39E-06	2.01E-07	5.39	6.0512416	1.28E-01	94134235	94134358	NC_000011.9

cg23235334	1.39E-06	2.01E-07	5.39	6.0509229	1.38E-01	4382099	4382222	NC_000012.11
cg09814128	1.39E-06	2.01E-07	5.39	6.0502806	1.23E-01	178243783	178243906	NC_000004.11
cg08908306	1.39E-06	2.01E-07	5.39	6.0502533	6.58E-02	130268585	130268708	NC_000010.10
cg19725474	1.39E-06	2.01E-07	5.39	6.0499849	3.53E-02	51172257	51172380	NC_000014.8
cg00445475	1.39E-06	2.01E-07	5.39	6.0498481	1.20E-01	138628673	138628796	NC_000009.11
cg06722216	1.39E-06	2.01E-07	5.39	6.049549	1.45E-01	31803067	31803190	NC_000018.9
cg11073381	1.39E-06	2.01E-07	5.39	6.0490161	1.04E-01	54305205	54305328	NC_000017.10
cg13997788	1.39E-06	2.01E-07	5.39	6.0486133	5.22E-02	46593223	46593346	NC_000002.11
cg07717903	1.39E-06	2.01E-07	5.39	6.0486087	8.56E-02	140753536	140753659	NC_000005.9
cg05344295	1.39E-06	2.01E-07	5.39	6.047624	1.55E-01	54411509	54411632	NC_000019.9
cg11613902	1.39E-06	2.02E-07	5.39	6.0475219	1.10E-01	98156120	98156243	NC_000010.10
cg13629563	1.39E-06	2.02E-07	5.39	6.0474958	1.49E-01	25256949	25257072	NC_000001.10
cg02925601	1.39E-06	2.02E-07	5.39	6.0471778	1.40E-01	27648605	27648728	NC_000006.11
cg07525267	1.40E-06	2.02E-07	5.39	6.0468469	5.81E-02	1016356	1016479	NC_000005.9
cg05053818	1.40E-06	2.02E-07	5.39	6.0453642	9.77E-02	31618987	31619110	NC_000006.11
cg16615388	1.40E-06	2.02E-07	5.39	6.0449458	4.73E-02	19401411	19401534	NC_000008.10
cg04996195	1.40E-06	2.02E-07	5.39	6.0447085	1.04E-01	87105398	87105521	NC_000007.13
cg01798806	1.40E-06	2.02E-07	5.39	6.0446998	6.50E-02	143318983	143319106	NC_000008.10
cg23651872	1.40E-06	2.02E-07	5.39	6.0444808	1.67E-01	77924733	77924856	NC_000017.10
cg10087771	1.40E-06	2.02E-07	5.39	6.0440016	4.89E-02	103399429	103399552	NC_000014.8
cg18482593	1.40E-06	2.02E-07	5.39	6.0438247	4.89E-02	126147781	126147904	NC_000011.9
cg01776298	1.40E-06	2.02E-07	5.39	6.0437997	7.63E-02	23767194	23767317	NC_000016.9
cg24944017	1.40E-06	2.03E-07	5.39	6.0422632	2.71E-02	45128886	45129009	NC_000003.11
cg10140794	1.40E-06	2.03E-07	5.39	6.0417766	1.23E-01	36066972	36067095	NC_000005.9
cg23863000	1.40E-06	2.03E-07	5.39	6.0415846	1.03E-01	1577945	1578068	NC_000004.11



cg24027679	1.40E-06	2.03E-07	5.39	6.0414583	9.13E-02	9086621	9086744	NC_000001.10
cg13042543	1.40E-06	2.03E-07	5.39	6.04061	1.87E-01	30640256	30640379	NC_000020.10
cg03775632	1.40E-06	2.03E-07	5.39	6.0397463	3.38E-02	134632344	134632467	NC_000007.13
cg17755508	1.41E-06	2.03E-07	5.39	6.0394741	4.35E-02	58290733	58290856	NC_000003.11
cg22718169	1.41E-06	2.04E-07	5.39	6.0377457	7.98E-02	2264352	2264475	NC_000001.10
cg09820373	1.41E-06	2.04E-07	5.39	6.0364645	6.85E-02	46126202	46126325	NC_000012.11
cg06068373	1.41E-06	2.04E-07	5.39	6.0356007	8.29E-02	42594510	42594633	NC_000003.11
cg01530962	1.41E-06	2.04E-07	5.39	6.0354594	4.07E-02	9027157	9027280	NC_000003.11
cg08342966	1.41E-06	2.04E-07	5.39	6.0348586	1.75E-02	14237692	14237815	NC_000005.9
cg12017911	1.41E-06	2.04E-07	5.39	6.0348359	1.16E-01	74421887	74422010	NC_000015.9
cg24438644	1.41E-06	2.04E-07	5.39	6.0344947	1.33E-01	37823996	37824119	NC_000008.10
cg17458053	1.41E-06	2.04E-07	5.39	6.0337888	6.04E-02	1789267	1789390	NC_000008.10
cg10730174	1.41E-06	2.05E-07	5.39	6.0329786	1.49E-01	170633559	170633682	NC_000001.10
cg11837749	1.41E-06	2.05E-07	5.39	6.0327949	9.50E-02	55047332	55047455	NC_000001.10
cg20186995	1.42E-06	2.05E-07	5.39	6.032255	3.34E-02	146129264	146129387	NC_000003.11
cg01075852	1.42E-06	2.05E-07	5.39	6.031579	1.09E-01	1702381	1702504	NC_000005.9
cg06968241	1.42E-06	2.05E-07	5.39	6.0314103	9.90E-02	32411144	32411267	NC_000006.11
cg17204569	1.42E-06	2.05E-07	5.39	6.0309587	3.94E-02	16466518	16466641	NC_000022.10
cg18912768	1.42E-06	2.05E-07	5.39	6.0308423	8.57E-02	169887819	169887942	NC_000002.11
cg03408271	1.42E-06	2.05E-07	5.39	6.0305274	1.12E-01	13537647	13537770	NC_000004.11
cg26678217	1.42E-06	2.05E-07	5.39	6.0304285	1.20E-01	438913	439036	NC_000008.10
cg01035160	1.42E-06	2.05E-07	5.39	6.0303829	1.91E-01	90758529	90758652	NC_000004.11
cg12630479	1.42E-06	2.05E-07	5.39	6.0302965	9.89E-02	1130376	1130499	NC_000017.10
cg09503045	1.42E-06	2.05E-07	5.39	6.0302122	1.24E-01	55592453	55592576	NC_000019.9
cg03738365	1.42E-06	2.05E-07	5.39	6.0300413	5.16E-02	20233534	20233657	NC_000006.11

cg06964030	1.42E-06	2.05E-07	5.39	6.0299434	5.70E-02	20073636	20073759	NC_000022.10
cg26423145	1.42E-06	2.06E-07	5.39	6.0284153	6.61E-02	117067804	117067927	NC_000007.13
cg00654637	1.42E-06	2.06E-07	5.39	6.0283107	3.90E-02	131156065	131156188	NC_000009.11
cg05478631	1.42E-06	2.06E-07	5.39	6.0274961	1.74E-01	166581538	166581661	NC_000006.11
cg10548355	1.42E-06	2.06E-07	5.39	6.0273346	3.68E-02	70129868	70129991	NC_000011.9
cg09694921	1.42E-06	2.06E-07	5.39	6.0271486	9.53E-02	126215608	126215731	NC_000011.9
cg24483554	1.42E-06	2.06E-07	5.39	6.0269458	6.34E-02	179544584	179544707	NC_000001.10
cg00822495	1.42E-06	2.06E-07	5.39	6.0268592	1.38E-01	57276490	57276613	NC_000014.8
cg24530246	1.42E-06	2.06E-07	5.39	6.0261278	9.20E-02	53118167	53118290	NC_000003.11
cg12882804	1.42E-06	2.06E-07	5.39	6.0254681	2.04E-02	105747050	105747173	NC_000014.8
cg06410694	1.42E-06	2.06E-07	5.39	6.0253624	2.19E-02	25175138	25175261	NC_000020.10
cg25501191	1.42E-06	2.06E-07	5.39	6.0250599	6.26E-02	133090347	133090470	NC_000002.11
cg05527785	1.42E-06	2.06E-07	5.39	6.0249018	1.91E-01	46656543	46656666	NC_000017.10
cg24475782	1.43E-06	2.06E-07	5.39	6.0239347	1.60E-01	119530932	119531055	NC_000001.10
cg26728517	1.43E-06	2.06E-07	5.39	6.0239012	1.36E-01	39319540	39319663	NC_000020.10
cg25596754	1.43E-06	2.07E-07	5.39	6.0234398	9.38E-02	32026610	32026733	NC_000006.11
cg14496048	1.43E-06	2.07E-07	5.39	6.0231689	8.28E-02	135946169	135946292	NC_000009.11
cg21221690	1.43E-06	2.07E-07	5.38	6.0225606	1.27E-01	68684332	68684455	NC_000001.10
cg17103634	1.43E-06	2.07E-07	5.38	6.0221224	7.75E-02	614752	614875	NC_000004.11
cg23801748	1.43E-06	2.07E-07	5.38	6.0217043	5.30E-02	2482735	2482858	NC_000011.9
cg02728721	1.43E-06	2.07E-07	5.38	6.0209089	1.00E-01	9487112	9487235	NC_000020.10
cg00870269	1.43E-06	2.07E-07	5.38	6.0209029	7.63E-02	58782688	58782811	NC_000015.9
cg21229570	1.43E-06	2.07E-07	5.38	6.0202149	1.70E-01	115124768	115124891	NC_000012.11
cg00146805	1.43E-06	2.07E-07	5.38	6.020163	6.76E-02	52339555	52339678	NC_000007.13
cg09905199	1.43E-06	2.07E-07	5.38	6.0193819	1.17E-01	159158497	159158620	NC_000001.10

cg10776919	1.43E-06	2.08E-07	5.38	6.0188628	1.22E-01	50889442	50889565	NC_000001.10
cg01649597	1.43E-06	2.08E-07	5.38	6.0180178	1.53E-01	232395061	232395184	NC_000002.11
cg08262269	1.43E-06	2.08E-07	5.38	6.0179821	4.93E-02	168877862	168877985	NC_000002.11
cg00277936	1.43E-06	2.08E-07	5.38	6.0177553	4.88E-02	66323234	66323357	NC_000005.9
cg25298039	1.44E-06	2.08E-07	5.38	6.0175655	9.13E-02	5402539	5402662	NC_000017.10
cg22007227	1.44E-06	2.08E-07	5.38	6.0170888	1.89E-01	32930544	32930667	NC_000001.10
cg19972696	1.44E-06	2.08E-07	5.38	6.015471	1.80E-01	45898553	45898676	NC_000022.10
cg07355346	1.44E-06	2.08E-07	5.38	6.0149273	4.02E-02	56438419	56438542	NC_000012.11
cg16180796	1.44E-06	2.08E-07	5.38	6.0145238	8.54E-02	23245900	23246023	NC_000007.13
cg17584490	1.44E-06	2.09E-07	5.38	6.0136931	7.48E-02	41144822	41144945	NC_000017.10
cg10429608	1.44E-06	2.09E-07	5.38	6.0128078	1.39E-01	238864632	238864755	NC_000002.11
cg19300568	1.44E-06	2.09E-07	5.38	6.0123793	1.18E-01	2060112	2060235	NC_000004.11
cg13726887	1.44E-06	2.09E-07	5.38	6.0115809	1.34E-01	133541653	133541776	NC_000009.11
cg09486407	1.45E-06	2.09E-07	5.38	6.0100066	3.75E-02	89478268	89478391	NC_000016.9
cg00521703	1.45E-06	2.10E-07	5.38	6.0096135	8.57E-02	34112157	34112280	NC_000019.9
cg14703829	1.45E-06	2.10E-07	5.38	6.0093865	1.03E-01	20780298	20780421	NC_000022.10
cg18054674	1.45E-06	2.10E-07	5.38	6.0091909	8.46E-02	140753542	140753665	NC_000005.9
cg26585452	1.45E-06	2.10E-07	5.38	6.0082574	9.02E-02	50702914	50703037	NC_000013.10
cg24029551	1.45E-06	2.10E-07	5.38	6.0081626	2.15E-02	35817614	35817737	NC_000015.9
cg08478074	1.45E-06	2.10E-07	5.38	6.0077063	1.03E-01	110613397	110613520	NC_000001.10
cg13549719	1.45E-06	2.10E-07	5.38	6.0076254	1.22E-01	38444052	38444175	NC_000013.10
cg24765360	1.45E-06	2.10E-07	5.38	6.0071684	1.13E-01	119611101	119611224	NC_000002.11
cg18961501	1.45E-06	2.10E-07	5.38	6.0071461	7.81E-02	147612852	147612975	NC_000002.11
cg11144775	1.45E-06	2.10E-07	5.38	6.0069653	5.26E-02	70684371	70684494	NC_000001.10
cg20058389	1.45E-06	2.10E-07	5.38	6.0056559	1.96E-02	196412552	196412675	NC_000002.11

cg21114049	1.45E-06	2.10E-07	5.38	6.0051847	6.72E-02	37007351	37007474	NC_000008.10
cg22883304	1.45E-06	2.11E-07	5.38	6.0035528	3.82E-02	238707250	238707373	NC_000002.11
cg19522050	1.45E-06	2.11E-07	5.38	6.0034106	1.00E-01	101281275	101281398	NC_000010.10
cg13576904	1.45E-06	2.11E-07	5.38	6.0033601	5.59E-02	109768994	109769117	NC_000009.11
cg26092675	1.46E-06	2.11E-07	5.38	6.0025019	1.25E-01	26225258	26225381	NC_000006.11
cg05350224	1.46E-06	2.11E-07	5.38	6.0020815	6.06E-02	3053510	3053633	NC_000019.9
cg02736288	1.46E-06	2.11E-07	5.38	6.0014591	4.46E-02	86012573	86012696	NC_000016.9
cg08085639	1.46E-06	2.11E-07	5.38	6.0012456	6.42E-02	1506135	1506258	NC_000019.9
cg21269843	1.46E-06	2.11E-07	5.38	6.0008535	1.10E-01	76934696	76934819	NC_000005.9
cg00236005	1.46E-06	2.11E-07	5.38	6.0007276	9.51E-02	64279749	64279872	NC_000010.10
cg13935928	1.46E-06	2.11E-07	5.38	6.0006621	5.00E-02	19995469	19995592	NC_000018.9
cg13336665	1.46E-06	2.11E-07	5.38	6.0005804	9.19E-02	134872610	134872733	NC_000005.9
cg23854488	1.46E-06	2.12E-07	5.38	5.9992766	1.35E-01	69588848	69588971	NC_000011.9
cg10523860	1.46E-06	2.12E-07	5.38	5.9984353	8.87E-02	103875565	103875688	NC_000014.8
cg21829921	1.46E-06	2.12E-07	5.38	5.9982401	2.24E-02	93159025	93159148	NC_000014.8
cg14602438	1.46E-06	2.12E-07	5.38	5.9976878	1.91E-01	37464066	37464189	NC_000019.9
cg04474988	1.46E-06	2.12E-07	5.38	5.9962877	8.92E-02	131770171	131770294	NC_000010.10
cg23225572	1.47E-06	2.13E-07	5.38	5.9958398	2.25E-02	162335982	162336105	NC_000001.10
cg20995030	1.47E-06	2.13E-07	5.38	5.995388	4.74E-02	143214333	143214456	NC_000008.10
cg15796980	1.47E-06	2.13E-07	5.38	5.9953413	7.57E-02	13860443	13860566	NC_000006.11
cg25443851	1.47E-06	2.13E-07	5.38	5.9947302	1.01E-01	87991388	87991511	NC_000005.9
cg14795750	1.47E-06	2.13E-07	5.38	5.9927902	1.65E-01	134070819	134070942	NC_000004.11
cg23170091	1.47E-06	2.13E-07	5.38	5.9927081	7.60E-02	195490094	195490217	NC_000003.11
cg10368284	1.47E-06	2.13E-07	5.38	5.9918385	7.68E-02	2762214	2762337	NC_000012.11
cg14284050	1.47E-06	2.13E-07	5.38	5.9917182	6.28E-02	23885254	23885377	NC_000014.8

cg03174523	1.47E-06	2.14E-07	5.38	5.9895459	1.05E-01	109147160	109147283	NC_000013.10
cg24421839	1.47E-06	2.14E-07	5.38	5.9894284	7.72E-02	85111313	85111436	NC_000015.9
cg02503117	1.48E-06	2.14E-07	5.38	5.9890716	8.97E-02	86538424	86538547	NC_000016.9
cg20446948	1.48E-06	2.14E-07	5.38	5.9887626	8.24E-02	15963167	15963290	NC_000011.9
cg20352178	1.48E-06	2.14E-07	5.38	5.9877355	5.01E-02	69099262	69099385	NC_000015.9
cg02598872	1.48E-06	2.14E-07	5.38	5.9873325	1.22E-01	96952150	96952273	NC_000015.9
cg15847996	1.48E-06	2.15E-07	5.38	5.9867428	7.67E-02	134528050	134528173	NC_000010.10
cg12459059	1.48E-06	2.15E-07	5.38	5.9859358	3.94E-02	10884748	10884871	NC_000021.8
cg07293320	1.48E-06	2.15E-07	5.38	5.9857252	1.07E-01	1277291	1277414	NC_000007.13
cg07683388	1.48E-06	2.15E-07	5.38	5.9854165	8.22E-02	198029332	198029455	NC_000002.11
cg13492159	1.48E-06	2.15E-07	5.38	5.9852038	1.70E-01	107714826	107714949	NC_000012.11
cg06652315	1.48E-06	2.15E-07	5.38	5.9850394	1.10E-01	69591012	69591135	NC_000003.11
cg24860589	1.48E-06	2.15E-07	5.38	5.9847572	1.52E-01	129941906	129942029	NC_000011.9
cg11528392	1.48E-06	2.15E-07	5.38	5.9837463	5.14E-02	164412233	164412356	NC_000004.11
cg01745044	1.48E-06	2.15E-07	5.38	5.9835157	2.98E-02	1686159	1686282	NC_000011.9
cg19362426	1.48E-06	2.15E-07	5.38	5.9832875	6.90E-02	44926197	44926320	NC_000013.10
cg11153529	1.48E-06	2.15E-07	5.38	5.983236	1.35E-01	50970539	50970662	NC_000010.10
cg22787141	1.48E-06	2.15E-07	5.38	5.983174	1.94E-02	50105274	50105397	NC_000014.8
cg15632826	1.49E-06	2.16E-07	5.38	5.9820144	1.50E-01	31831740	31831863	NC_000006.11
cg17530231	1.49E-06	2.16E-07	5.38	5.9811283	9.15E-02	237082534	237082657	NC_000002.11
cg26429042	1.49E-06	2.16E-07	5.38	5.9809569	7.57E-02	141342131	141342254	NC_000008.10
cg03456560	1.49E-06	2.16E-07	5.38	5.9797211	1.02E-01	4866192	4866315	NC_000004.11
cg08801795	1.49E-06	2.16E-07	5.38	5.9787022	9.15E-02	220361916	220362039	NC_000002.11
cg00228738	1.49E-06	2.16E-07	5.38	5.9783988	4.25E-02	95944545	95944668	NC_000009.11
cg13606255	1.49E-06	2.16E-07	5.38	5.9780054	9.04E-02	32053100	32053223	NC_000006.11

cg17097782	1.49E-06	2.17E-07	5.38	5.9776937	1.39E-01	19551860	19551983	NC_000002.11
cg09434500	1.49E-06	2.17E-07	5.38	5.9775343	1.33E-01	42502897	42503020	NC_000019.9
cg16904960	1.49E-06	2.17E-07	5.38	5.9770281	1.34E-01	182549928	182550051	NC_000002.11
cg19935171	1.49E-06	2.17E-07	5.38	5.9769895	1.84E-01	39893078	39893201	NC_000002.11
cg20849957	1.49E-06	2.17E-07	5.38	5.9768058	8.89E-02	2820995	2821118	NC_000001.10
cg18184411	1.49E-06	2.17E-07	5.38	5.9758864	1.34E-01	53309261	53309384	NC_000001.10
cg11336178	1.49E-06	2.17E-07	5.37	5.9753975	6.63E-02	42931581	42931704	NC_000006.11
cg08662168	1.49E-06	2.17E-07	5.37	5.9751232	1.16E-01	9976437	9976560	NC_000017.10
cg14355654	1.50E-06	2.17E-07	5.37	5.9750078	6.46E-02	117781276	117781399	NC_000008.10
cg12742937	1.50E-06	2.17E-07	5.37	5.9748398	1.72E-01	40678618	40678741	NC_000002.11
cg25137403	1.50E-06	2.17E-07	5.37	5.9742407	8.70E-02	177022172	177022295	NC_000002.11
cg11581865	1.50E-06	2.17E-07	5.37	5.9738355	1.25E-01	120078840	120078963	NC_000011.9
cg10786870	1.50E-06	2.17E-07	5.37	5.973531	6.84E-02	44616116	44616239	NC_000019.9
cg25816031	1.50E-06	2.18E-07	5.37	5.9731641	4.26E-02	158087662	158087785	NC_000002.11
cg02134705	1.50E-06	2.18E-07	5.37	5.9730787	4.70E-02	149388151	149388274	NC_000003.11
cg11983405	1.50E-06	2.18E-07	5.37	5.9708329	1.97E-02	128331518	128331641	NC_000002.11
cg06846752	1.50E-06	2.18E-07	5.37	5.9698135	9.93E-02	32929715	32929838	NC_000001.10
cg05203985	1.50E-06	2.18E-07	5.37	5.9696059	3.45E-02	81703815	81703938	NC_000016.9
cg12935136	1.50E-06	2.18E-07	5.37	5.9689761	1.50E-01	78493590	78493713	NC_000013.10
cg21127580	1.51E-06	2.19E-07	5.37	5.9677651	1.39E-01	901081	901204	NC_000006.11
cg07268431	1.51E-06	2.19E-07	5.37	5.9676803	1.01E-01	47436106	47436229	NC_000003.11
cg11636151	1.51E-06	2.19E-07	5.37	5.967415	5.19E-02	100141862	100141985	NC_000014.8
cg25051331	1.51E-06	2.19E-07	5.37	5.9673117	9.72E-02	77253833	77253956	NC_000005.9
cg09511914	1.51E-06	2.19E-07	5.37	5.9672159	1.43E-01	20878928	20879051	NC_000001.10
cg07067667	1.51E-06	2.19E-07	5.37	5.9671031	5.65E-02	68592625	68592748	NC_000014.8

cg07508446	1.51E-06	2.19E-07	5.37	5.9668525	5.17E-02	85966197	85966320	NC_000016.9
cg17980283	1.51E-06	2.19E-07	5.37	5.9668024	5.98E-02	45156642	45156765	NC_000002.11
cg13630043	1.51E-06	2.19E-07	5.37	5.9655712	1.03E-01	119307769	119307892	NC_000010.10
cg21888330	1.51E-06	2.19E-07	5.37	5.9653584	9.18E-02	42546577	42546700	NC_000013.10
cg07529575	1.51E-06	2.19E-07	5.37	5.9653416	1.71E-01	119604270	119604393	NC_000002.11
cg02712922	1.51E-06	2.19E-07	5.37	5.965284	9.99E-02	3032302	3032425	NC_000001.10
cg09476997	1.51E-06	2.19E-07	5.37	5.9649632	4.85E-02	2087932	2088055	NC_000016.9
cg20362266	1.51E-06	2.19E-07	5.37	5.9649603	3.74E-02	10161687	10161810	NC_000012.11
cg27583922	1.51E-06	2.19E-07	5.37	5.9647244	6.23E-02	54977744	54977867	NC_000019.9
cg18144593	1.51E-06	2.20E-07	5.37	5.9644455	1.37E-01	71116411	71116534	NC_000002.11
cg09935440	1.51E-06	2.20E-07	5.37	5.9640617	7.57E-02	135429446	135429569	NC_000007.13
cg01808545	1.51E-06	2.20E-07	5.37	5.9638199	2.00E-01	193059717	193059840	NC_000002.11
cg20545907	1.51E-06	2.20E-07	5.37	5.9637356	1.33E-01	17401890	17402013	NC_000005.9
cg06850283	1.51E-06	2.20E-07	5.37	5.9632124	1.58E-01	44389769	44389892	NC_000005.9
cg27250236	1.51E-06	2.20E-07	5.37	5.9625283	1.57E-01	48036617	48036740	NC_000006.11
cg15161667	1.52E-06	2.21E-07	5.37	5.9598961	6.62E-02	46940613	46940736	NC_000011.9
cg24617612	1.52E-06	2.21E-07	5.37	5.9593362	5.77E-02	49043544	49043667	NC_000008.10
cg04075738	1.52E-06	2.21E-07	5.37	5.9591104	1.04E-01	130571303	130571426	NC_000012.11
cg18453481	1.52E-06	2.21E-07	5.37	5.9590688	2.89E-02	102250174	102250297	NC_000014.8
cg21932360	1.52E-06	2.21E-07	5.37	5.958813	1.01E-01	22724896	22725019	NC_000008.10
cg15844611	1.52E-06	2.21E-07	5.37	5.9586878	1.31E-01	68113580	68113703	NC_000015.9
cg04118306	1.52E-06	2.21E-07	5.37	5.9579867	1.32E-01	24772350	24772473	NC_000008.10
cg08601628	1.52E-06	2.21E-07	5.37	5.9579151	6.42E-02	10555466	10555589	NC_000008.10
cg08848643	1.52E-06	2.21E-07	5.37	5.9571205	2.13E-02	50745102	50745225	NC_000016.9
cg27470066	1.52E-06	2.21E-07	5.37	5.9567073	9.21E-02	59485779	59485902	NC_000017.10

cg13523312	1.52E-06	2.21E-07	5.37	5.9562584	3.18E-02	39711467	39711590	NC_000022.10
cg10676327	1.52E-06	2.21E-07	5.37	5.956098	6.77E-02	6659735	6659858	NC_000004.11
cg17661601	1.52E-06	2.22E-07	5.37	5.9554297	1.07E-01	11656692	11656815	NC_000008.10
cg01041222	1.52E-06	2.22E-07	5.37	5.9552313	1.04E-01	158142863	158142986	NC_000004.11
cg22347212	1.52E-06	2.22E-07	5.37	5.9552147	8.94E-02	130648519	130648642	NC_000012.11
cg26518580	1.52E-06	2.22E-07	5.37	5.9549891	1.16E-01	111742515	111742638	NC_000001.10
cg02804091	1.53E-06	2.22E-07	5.37	5.9540974	5.99E-02	140536496	140536619	NC_000005.9
cg23013489	1.53E-06	2.22E-07	5.37	5.953619	9.64E-02	105901566	105901689	NC_000010.10
cg02873321	1.53E-06	2.22E-07	5.37	5.9534419	1.45E-01	123301090	123301213	NC_000011.9
cg25007722	1.53E-06	2.22E-07	5.37	5.9525679	7.58E-02	247803033	247803156	NC_000001.10
cg12314121	1.53E-06	2.22E-07	5.37	5.95144	6.14E-02	140167213	140167336	NC_000005.9
cg16783349	1.53E-06	2.22E-07	5.37	5.9513607	9.90E-02	130854343	130854466	NC_000010.10
cg14664621	1.53E-06	2.23E-07	5.37	5.9508938	9.46E-02	104640772	104640895	NC_000004.11
cg02860282	1.53E-06	2.23E-07	5.37	5.9491161	1.58E-01	70033624	70033747	NC_000001.10
cg04164351	1.53E-06	2.23E-07	5.37	5.9490286	2.32E-02	169571297	169571420	NC_000006.11
cg08415141	1.53E-06	2.23E-07	5.37	5.948907	6.07E-02	29598310	29598433	NC_000006.11
cg00988260	1.53E-06	2.23E-07	5.37	5.94851	4.23E-02	583271	583394	NC_000002.11
cg16857771	1.53E-06	2.23E-07	5.37	5.9481565	1.18E-01	56160409	56160532	NC_000007.13
cg09929187	1.54E-06	2.24E-07	5.37	5.9467866	1.18E-01	92501570	92501693	NC_000012.11
cg17928876	1.54E-06	2.24E-07	5.37	5.9467782	1.11E-01	76447431	76447554	NC_000014.8
cg13612083	1.54E-06	2.24E-07	5.37	5.9459348	1.03E-01	127836053	127836176	NC_000006.11
cg27007060	1.54E-06	2.24E-07	5.37	5.9457073	7.67E-02	107057773	107057896	NC_000006.11
cg25453841	1.54E-06	2.24E-07	5.37	5.9455506	7.55E-02	23031475	23031598	NC_000003.11
cg18947261	1.54E-06	2.24E-07	5.37	5.9450472	7.43E-02	73321439	73321562	NC_000010.10
cg16006701	1.54E-06	2.24E-07	5.37	5.9442962	1.03E-01	2751402	2751525	NC_000006.11



cg05713954	1.54E-06	2.24E-07	5.37	5.9441762	1.34E-01	49518536	49518659	NC_000016.9
cg09395239	1.54E-06	2.24E-07	5.37	5.9436173	3.51E-02	57511522	57511645	NC_000011.9
cg10122865	1.54E-06	2.25E-07	5.37	5.9426253	1.53E-01	63284132	63284255	NC_000002.11
cg25661142	1.54E-06	2.25E-07	5.37	5.941981	3.55E-02	15541374	15541497	NC_000019.9
cg18676790	1.54E-06	2.25E-07	5.37	5.9416849	1.72E-01	97680731	97680854	NC_000007.13
cg05310249	1.54E-06	2.25E-07	5.37	5.941056	1.24E-01	23560590	23560713	NC_000008.10
cg10043037	1.54E-06	2.25E-07	5.37	5.9410413	1.10E-01	19185407	19185530	NC_000007.13
cg19300741	1.55E-06	2.25E-07	5.37	5.9395486	1.07E-01	11034890	11035013	NC_000003.11
cg01499988	1.55E-06	2.25E-07	5.37	5.9394593	4.39E-02	35755346	35755469	NC_000009.11
cg23330451	1.55E-06	2.25E-07	5.37	5.9386207	1.16E-01	138739922	138740045	NC_000003.11
cg22540552	1.55E-06	2.25E-07	5.37	5.9385101	1.20E-01	166579199	166579322	NC_000006.11
cg11716665	1.55E-06	2.26E-07	5.37	5.938346	9.47E-02	149569601	149569724	NC_000005.9
cg04869838	1.55E-06	2.26E-07	5.37	5.9382848	5.95E-02	147801437	147801560	NC_000001.10
cg15612053	1.55E-06	2.26E-07	5.37	5.9382049	3.07E-02	233899246	233899369	NC_000002.11
cg01578293	1.55E-06	2.26E-07	5.37	5.9380569	4.85E-02	41400597	41400720	NC_000004.11
cg27620317	1.55E-06	2.26E-07	5.37	5.938022	1.08E-01	25900768	25900891	NC_000007.13
cg04406436	1.55E-06	2.26E-07	5.37	5.9377634	1.11E-01	38942313	38942436	NC_000001.10
cg01196322	1.55E-06	2.26E-07	5.37	5.9372821	9.31E-02	122435202	122435325	NC_000005.9
cg13312195	1.55E-06	2.26E-07	5.37	5.9369848	7.61E-02	2432957	2433080	NC_000011.9
cg14161359	1.55E-06	2.26E-07	5.37	5.936549	1.35E-01	30039031	30039154	NC_000011.9
cg01450390	1.55E-06	2.26E-07	5.37	5.9361399	1.33E-01	54483251	54483374	NC_000019.9
cg11404129	1.55E-06	2.26E-07	5.37	5.935617	4.39E-02	150484766	150484889	NC_000001.10
cg24483493	1.55E-06	2.26E-07	5.37	5.9355358	1.38E-01	63333476	63333599	NC_000015.9
cg01521274	1.55E-06	2.26E-07	5.37	5.9348613	1.21E-01	71822452	71822575	NC_000014.8
cg05041351	1.55E-06	2.26E-07	5.37	5.9346517	1.21E-01	1922149	1922272	NC_000016.9

cg25265360	1.55E-06	2.26E-07	5.37	5.9344839	8.33E-02	32081789	32081912	NC_000006.11
cg05598562	1.55E-06	2.26E-07	5.37	5.9344079	2.01E-01	28674876	28674999	NC_000013.10
cg03135713	1.55E-06	2.26E-07	5.37	5.9342596	9.31E-02	46961897	46962020	NC_000013.10
cg11064255	1.55E-06	2.27E-07	5.37	5.9339184	1.92E-01	5629890	5630013	NC_000018.9
cg08003887	1.55E-06	2.27E-07	5.37	5.933872	1.09E-01	8371812	8371935	NC_000012.11
cg24996161	1.56E-06	2.27E-07	5.37	5.9331289	1.07E-01	140735397	140735520	NC_000005.9
cg21649013	1.56E-06	2.27E-07	5.37	5.9323345	8.61E-02	132381683	132381806	NC_000012.11
cg19047158	1.56E-06	2.27E-07	5.37	5.9316941	1.02E-01	208080231	208080354	NC_000002.11
cg13682096	1.56E-06	2.27E-07	5.37	5.931627	5.28E-02	43513306	43513429	NC_000015.9
cg22579691	1.56E-06	2.27E-07	5.37	5.9308411	8.79E-02	36049734	36049857	NC_000019.9
cg13933734	1.56E-06	2.27E-07	5.37	5.9299736	1.10E-01	119550484	119550607	NC_000001.10
cg09739212	1.56E-06	2.27E-07	5.37	5.9299027	6.30E-02	56891858	56891981	NC_000011.9
cg23683146	1.56E-06	2.27E-07	5.37	5.9298517	8.00E-02	47057850	47057973	NC_000012.11
cg07780979	1.56E-06	2.28E-07	5.37	5.9293205	4.23E-02	303287	303410	NC_000005.9
cg01446287	1.56E-06	2.28E-07	5.37	5.929316	5.63E-02	10649381	10649504	NC_000005.9
cg13570585	1.56E-06	2.28E-07	5.37	5.9291358	1.68E-01	8113573	8113696	NC_000020.10
cg13323701	1.56E-06	2.28E-07	5.36	5.928696	1.34E-01	118228508	118228631	NC_000006.11
cg01574673	1.56E-06	2.28E-07	5.36	5.9278494	1.27E-01	156595164	156595287	NC_000001.10
cg23574897	1.56E-06	2.28E-07	5.36	5.9268968	1.38E-01	102988836	102988959	NC_000010.10
cg11464806	1.56E-06	2.28E-07	5.36	5.926811	9.17E-02	156837580	156837703	NC_000007.13
cg11515702	1.57E-06	2.28E-07	5.36	5.926647	6.00E-02	67789123	67789246	NC_000011.9
cg09449030	1.57E-06	2.28E-07	5.36	5.9266253	1.36E-01	38182950	38183073	NC_000019.9
cg02949067	1.57E-06	2.28E-07	5.36	5.9264949	6.75E-02	17463831	17463954	NC_000020.10
cg09140778	1.57E-06	2.28E-07	5.36	5.9262086	1.15E-01	237086398	237086521	NC_000002.11
cg07514505	1.57E-06	2.28E-07	5.36	5.9258351	1.39E-01	96743754	96743877	NC_000013.10

cg07920236	1.57E-06	2.29E-07	5.36	5.9248117	5.79E-02	166793890	166794013	NC_000006.11
cg25878131	1.57E-06	2.29E-07	5.36	5.9246291	1.31E-01	41594509	41594632	NC_000013.10
cg06816651	1.57E-06	2.29E-07	5.36	5.9245705	8.91E-02	95664359	95664482	NC_000002.11
cg12631351	1.57E-06	2.29E-07	5.36	5.9219961	1.88E-01	80256738	80256861	NC_000005.9
cg10490206	1.57E-06	2.29E-07	5.36	5.9216756	1.67E-01	17798846	17798969	NC_000019.9
cg16700364	1.57E-06	2.29E-07	5.36	5.9213586	1.24E-01	157178889	157179012	NC_000002.11
cg00015261	1.57E-06	2.30E-07	5.36	5.9212056	6.12E-02	35029997	35030120	NC_000016.9
cg01287788	1.57E-06	2.30E-07	5.36	5.9210866	1.41E-01	86362935	86363058	NC_000002.11
cg15422005	1.57E-06	2.30E-07	5.36	5.9208784	1.05E-01	87991197	87991320	NC_000005.9
cg27521476	1.57E-06	2.30E-07	5.36	5.9206496	1.06E-01	102896376	102896499	NC_000010.10
cg27322846	1.57E-06	2.30E-07	5.36	5.9203512	1.06E-01	162284638	162284761	NC_000002.11
cg22715479	1.58E-06	2.30E-07	5.36	5.9193186	4.87E-02	131671830	131671953	NC_000010.10
cg13709720	1.58E-06	2.30E-07	5.36	5.9191047	5.60E-02	19028020	19028143	NC_000009.11
cg05615443	1.58E-06	2.30E-07	5.36	5.9180547	4.49E-02	47012103	47012226	NC_000013.10
cg03878133	1.58E-06	2.30E-07	5.36	5.9180043	1.69E-01	164593411	164593534	NC_000002.11
cg10276066	1.58E-06	2.30E-07	5.36	5.9173195	3.76E-02	41891641	41891764	NC_000017.10
cg16365445	1.58E-06	2.31E-07	5.36	5.9168407	1.11E-01	33230686	33230809	NC_000010.10
cg11312462	1.58E-06	2.31E-07	5.36	5.9167952	7.60E-02	10213042	10213165	NC_000017.10
cg12912920	1.58E-06	2.31E-07	5.36	5.9167223	1.10E-01	140762680	140762803	NC_000004.11
cg20479774	1.58E-06	2.31E-07	5.36	5.916678	1.98E-01	96635748	96635871	NC_000007.13
cg04811098	1.58E-06	2.31E-07	5.36	5.9163719	7.13E-02	155088454	155088577	NC_000007.13
cg05785989	1.58E-06	2.31E-07	5.36	5.9154483	9.32E-02	3306812	3306935	NC_000010.10
cg27210464	1.58E-06	2.31E-07	5.36	5.9150782	1.33E-01	101283479	101283602	NC_000010.10
cg14211385	1.58E-06	2.31E-07	5.36	5.9150478	3.11E-02	72995555	72995678	NC_000017.10
cg10129025	1.58E-06	2.31E-07	5.36	5.9149243	7.90E-02	139880518	139880641	NC_000009.11

cg17173663	1.58E-06	2.31E-07	5.36	5.9142502	1.32E-01	115135859	115135982	NC_000012.11
cg00122854	1.59E-06	2.32E-07	5.36	5.9127052	5.16E-02	218898491	218898614	NC_000002.11
cg03595881	1.59E-06	2.32E-07	5.36	5.9123987	1.08E-01	25895105	25895228	NC_000008.10
cg16288248	1.59E-06	2.32E-07	5.36	5.9123813	1.19E-01	87230087	87230210	NC_000007.13
cg16405768	1.59E-06	2.32E-07	5.36	5.9121545	3.63E-02	61290066	61290189	NC_000020.10
cg03092680	1.59E-06	2.32E-07	5.36	5.9115714	1.13E-01	168597666	168597789	NC_000006.11
cg18535283	1.59E-06	2.32E-07	5.36	5.9114051	6.68E-02	43044071	43044194	NC_000022.10
cg13880111	1.59E-06	2.32E-07	5.36	5.9112182	5.13E-02	91835816	91835939	NC_000012.11
cg15270150	1.59E-06	2.32E-07	5.36	5.9108431	1.14E-01	73151966	73152089	NC_000002.11
cg20426571	1.59E-06	2.32E-07	5.36	5.9095313	9.28E-02	114843919	114844042	NC_000012.11
cg09263516	1.59E-06	2.32E-07	5.36	5.9091912	8.01E-02	115107338	115107461	NC_000012.11
cg15688551	1.59E-06	2.33E-07	5.36	5.9086857	1.20E-01	34175132	34175255	NC_000019.9
cg23078522	1.59E-06	2.33E-07	5.36	5.9078179	5.05E-02	180694646	180694769	NC_000003.11
cg22931182	1.59E-06	2.33E-07	5.36	5.9074143	1.49E-01	44331623	44331746	NC_000011.9
cg13401829	1.60E-06	2.33E-07	5.36	5.9067992	3.11E-02	71955259	71955382	NC_000006.11
cg12419052	1.60E-06	2.33E-07	5.36	5.9066751	1.11E-01	147126121	147126244	NC_000003.11
cg00245746	1.60E-06	2.33E-07	5.36	5.9060454	4.62E-02	674940	675063	NC_000002.11
cg19373874	1.60E-06	2.33E-07	5.36	5.9056479	9.76E-02	115946022	115946145	NC_000012.11
cg05317038	1.60E-06	2.33E-07	5.36	5.9052424	1.30E-01	28793454	28793577	NC_000006.11
cg18461458	1.60E-06	2.34E-07	5.36	5.9044733	7.63E-02	21324796	21324919	NC_000019.9
cg19395056	1.60E-06	2.34E-07	5.36	5.9043327	1.18E-01	57829175	57829298	NC_000019.9
cg15378913	1.60E-06	2.34E-07	5.36	5.9041024	5.51E-02	72419592	72419715	NC_000007.13
cg05676400	1.60E-06	2.34E-07	5.36	5.904095	1.25E-01	174443865	174443988	NC_000004.11
cg19788831	1.60E-06	2.34E-07	5.36	5.9039445	1.77E-01	45444623	45444746	NC_000012.11
cg12009516	1.60E-06	2.34E-07	5.36	5.9038917	7.33E-02	45737880	45738003	NC_000019.9

cg02104644	1.60E-06	2.34E-07	5.36	5.9018172	1.25E-01	61347820	61347943	NC_000011.9
cg18428134	1.60E-06	2.34E-07	5.36	5.9017567	7.54E-02	111929752	111929875	NC_000009.11
cg00306003	1.60E-06	2.34E-07	5.36	5.9016163	4.05E-02	171640102	171640225	NC_000001.10
cg00087906	1.60E-06	2.34E-07	5.36	5.9011286	1.66E-01	55513415	55513538	NC_000016.9
cg02325128	1.60E-06	2.34E-07	5.36	5.9007484	3.22E-02	96530415	96530538	NC_000012.11
cg04527220	1.60E-06	2.34E-07	5.36	5.9004905	9.98E-02	105521961	105522084	NC_000014.8
cg06692050	1.61E-06	2.35E-07	5.36	5.9000607	1.14E-01	99532398	99532521	NC_000010.10
cg02647878	1.61E-06	2.35E-07	5.36	5.8998911	1.96E-01	154681197	154681320	NC_000004.11
cg07231479	1.61E-06	2.35E-07	5.36	5.8986326	9.05E-02	140794359	140794482	NC_000005.9
cg04275490	1.61E-06	2.35E-07	5.36	5.8983114	1.46E-01	54967423	54967546	NC_000004.11
cg13882278	1.61E-06	2.35E-07	5.36	5.8982557	1.21E-01	23983498	23983621	NC_000010.10
cg24756105	1.61E-06	2.35E-07	5.36	5.8980833	1.03E-01	76271399	76271522	NC_000018.9
cg16976370	1.61E-06	2.35E-07	5.36	5.8979509	1.63E-01	46995821	46995944	NC_000004.11
cg24402070	1.61E-06	2.35E-07	5.36	5.8967642	6.55E-02	17046932	17047055	NC_000001.10
cg14958018	1.61E-06	2.35E-07	5.36	5.8962608	5.26E-02	41505042	41505165	NC_000008.10
cg16099023	1.61E-06	2.36E-07	5.36	5.8959218	1.42E-01	58148810	58148933	NC_000006.11
cg09365542	1.61E-06	2.36E-07	5.36	5.8958522	3.60E-02	31597100	31597223	NC_000006.11
cg19547629	1.61E-06	2.36E-07	5.36	5.8953587	1.23E-01	39851641	39851764	NC_000003.11
cg25657187	1.61E-06	2.36E-07	5.36	5.8953115	1.22E-01	87969213	87969336	NC_000005.9
cg02300818	1.61E-06	2.36E-07	5.36	5.8952181	8.72E-02	49295501	49295624	NC_000022.10
cg11846618	1.61E-06	2.36E-07	5.36	5.8940612	2.18E-02	105750676	105750799	NC_000014.8
cg21885795	1.61E-06	2.36E-07	5.36	5.8937362	5.51E-02	1809756	1809879	NC_000019.9
cg25115993	1.62E-06	2.36E-07	5.36	5.8935322	9.37E-02	150285475	150285598	NC_000006.11
cg11414505	1.62E-06	2.36E-07	5.36	5.8924585	4.22E-02	58877856	58877979	NC_000019.9
cg22354595	1.62E-06	2.37E-07	5.36	5.8916946	7.33E-02	57351440	57351563	NC_000019.9

cg01534273	1.62E-06	2.37E-07	5.36	5.8915114	5.44E-02	1877553	1877676	NC_000019.9
cg02354293	1.62E-06	2.37E-07	5.36	5.8913115	5.77E-02	148538682	148538805	NC_000003.11
cg08956157	1.62E-06	2.37E-07	5.36	5.8906806	1.05E-01	235796044	235796167	NC_000002.11
cg13911501	1.62E-06	2.37E-07	5.36	5.8905739	1.20E-01	141220320	141220443	NC_000008.10
cg11871421	1.62E-06	2.37E-07	5.36	5.8904801	1.70E-01	6679476	6679599	NC_000017.10
cg02969214	1.62E-06	2.37E-07	5.36	5.8904511	7.95E-02	32037602	32037725	NC_000006.11
cg13480046	1.62E-06	2.37E-07	5.36	5.8902191	2.26E-02	77497179	77497302	NC_000018.9
cg11414709	1.62E-06	2.37E-07	5.36	5.8900599	1.87E-01	28555055	28555178	NC_000006.11
cg24864402	1.62E-06	2.37E-07	5.36	5.8898887	1.05E-01	55204278	55204401	NC_000020.10
cg16201822	1.62E-06	2.37E-07	5.36	5.8894444	2.68E-02	43970683	43970806	NC_000019.9
cg17325912	1.62E-06	2.37E-07	5.36	5.8894078	3.33E-02	97520089	97520212	NC_000002.11
cg07636037	1.62E-06	2.38E-07	5.36	5.8880148	1.24E-02	49044803	49044926	NC_000003.11
cg00561194	1.62E-06	2.38E-07	5.36	5.8876516	1.21E-01	38069720	38069843	NC_000010.10
cg01048962	1.62E-06	2.38E-07	5.36	5.887616	1.58E-01	21646470	21646593	NC_000019.9
cg09485472	1.63E-06	2.38E-07	5.36	5.8868917	1.46E-02	169849786	169849909	NC_000006.11
cg21319411	1.63E-06	2.38E-07	5.36	5.8868272	5.32E-02	39340925	39341048	NC_000017.10
cg17781313	1.63E-06	2.38E-07	5.36	5.8861749	1.51E-01	50817374	50817497	NC_000006.11
cg20677570	1.63E-06	2.38E-07	5.36	5.8861126	8.19E-02	15962841	15962964	NC_000011.9
cg00019511	1.63E-06	2.38E-07	5.36	5.8855223	5.20E-02	101201288	101201411	NC_000014.8
cg14855607	1.63E-06	2.38E-07	5.36	5.8852093	1.36E-01	74706891	74707014	NC_000014.8
cg01019355	1.63E-06	2.38E-07	5.36	5.8851942	3.46E-02	27712255	27712378	NC_000013.10
cg21917351	1.63E-06	2.38E-07	5.36	5.8849838	2.30E-02	43859682	43859805	NC_000001.10
cg09212113	1.63E-06	2.38E-07	5.36	5.8848236	2.28E-02	31958950	31959073	NC_000012.11
cg07340574	1.63E-06	2.38E-07	5.36	5.8847935	1.09E-01	1203586	1203709	NC_000016.9
cg17965926	1.63E-06	2.38E-07	5.36	5.8846447	1.41E-01	140716970	140717093	NC_000008.10

cg13391313	1.63E-06	2.38E-07	5.36	5.8841219	1.05E-01	80330415	80330538	NC_000017.10
cg08624705	1.63E-06	2.38E-07	5.36	5.8840548	6.10E-02	8332156	8332279	NC_000012.11
cg20097984	1.63E-06	2.39E-07	5.36	5.8838777	3.66E-02	43388707	43388830	NC_000013.10
cg03256938	1.63E-06	2.39E-07	5.36	5.8832175	9.68E-02	2983926	2984049	NC_000001.10
cg17368737	1.63E-06	2.39E-07	5.36	5.8828504	1.37E-02	144897570	144897693	NC_000008.10
cg09484032	1.63E-06	2.39E-07	5.36	5.8828124	1.16E-01	54329854	54329977	NC_000012.11
cg20229014	1.63E-06	2.39E-07	5.36	5.8827642	6.98E-02	134529378	134529501	NC_000008.10
cg03075244	1.63E-06	2.39E-07	5.35	5.8814019	5.46E-02	26869910	26870033	NC_000008.10
cg13330341	1.63E-06	2.39E-07	5.35	5.8811074	1.09E-01	2292625	2292748	NC_000011.9
cg26043529	1.64E-06	2.39E-07	5.35	5.8806719	2.87E-02	17106266	17106389	NC_000017.10
cg12356266	1.64E-06	2.39E-07	5.35	5.8800066	6.83E-02	99984350	99984473	NC_000008.10
cg27487551	1.64E-06	2.40E-07	5.35	5.8778496	4.78E-02	143636680	143636803	NC_000008.10
cg26510404	1.64E-06	2.40E-07	5.35	5.877046	6.02E-02	74657448	74657571	NC_000005.9
cg22084806	1.64E-06	2.40E-07	5.35	5.8768045	1.60E-01	114261270	114261393	NC_000002.11
cg23009355	1.64E-06	2.40E-07	5.35	5.8766304	7.69E-02	68451396	68451519	NC_000011.9
cg15188010	1.64E-06	2.40E-07	5.35	5.8766083	1.08E-01	100636801	100636924	NC_000013.10
cg15988345	1.64E-06	2.40E-07	5.35	5.8763032	5.68E-02	24122261	24122384	NC_000001.10
cg22231329	1.64E-06	2.40E-07	5.35	5.8761228	1.92E-01	51071309	51071432	NC_000019.9
cg02922566	1.64E-06	2.41E-07	5.35	5.8755143	9.15E-02	106143737	106143860	NC_000013.10
cg15442907	1.64E-06	2.41E-07	5.35	5.8751577	1.46E-01	2800463	2800586	NC_000012.11
cg07897690	1.65E-06	2.41E-07	5.35	5.8743793	1.31E-01	200328645	200328768	NC_000002.11
cg12873903	1.65E-06	2.41E-07	5.35	5.8743449	5.51E-02	40514805	40514928	NC_000017.10
cg08992305	1.65E-06	2.41E-07	5.35	5.8739682	1.74E-01	165878219	165878342	NC_000004.11
cg01585567	1.65E-06	2.41E-07	5.35	5.8734895	4.68E-02	138975385	138975508	NC_000002.11
cg17018527	1.65E-06	2.41E-07	5.35	5.8725267	1.01E-01	83775931	83776054	NC_000015.9

cg01522412	1.65E-06	2.42E-07	5.35	5.871199	7.00E-02	60744202	60744325	NC_000017.10
cg05461666	1.65E-06	2.42E-07	5.35	5.8711678	1.96E-02	20573259	20573382	NC_000001.10
cg00993308	1.65E-06	2.42E-07	5.35	5.8711555	8.73E-02	3325561	3325684	NC_000005.9
cg26898336	1.65E-06	2.42E-07	5.35	5.8709942	1.33E-01	15244519	15244642	NC_000017.10
cg19799413	1.65E-06	2.42E-07	5.35	5.8702051	6.46E-02	134746824	134746947	NC_000010.10
cg26794835	1.65E-06	2.42E-07	5.35	5.8694463	1.25E-01	18700365	18700488	NC_000004.11
cg15828364	1.65E-06	2.42E-07	5.35	5.8691129	1.10E-01	20626786	20626909	NC_000011.9
cg18583378	1.65E-06	2.42E-07	5.35	5.8688976	1.53E-01	150715831	150715954	NC_000007.13
cg25126456	1.65E-06	2.42E-07	5.35	5.8688534	1.06E-01	4382105	4382228	NC_000012.11
cg19254119	1.65E-06	2.42E-07	5.35	5.8687485	1.47E-01	9609422	9609545	NC_000019.9
cg26171898	1.65E-06	2.42E-07	5.35	5.8681938	3.41E-02	92544660	92544783	NC_000005.9
cg02992632	1.65E-06	2.42E-07	5.35	5.8681855	1.29E-01	192445380	192445503	NC_000003.11
cg08029969	1.66E-06	2.43E-07	5.35	5.8667615	6.86E-02	28270611	28270734	NC_000016.9
cg04136149	1.66E-06	2.43E-07	5.35	5.8662065	1.53E-01	37488936	37489059	NC_000007.13
cg21621906	1.66E-06	2.43E-07	5.35	5.8657418	1.71E-01	142494914	142495037	NC_000007.13
cg09229683	1.66E-06	2.43E-07	5.35	5.8649901	1.38E-01	12995011	12995134	NC_000016.9
cg26139303	1.66E-06	2.43E-07	5.35	5.8646339	1.41E-01	76940880	76941003	NC_000005.9
cg14654643	1.66E-06	2.44E-07	5.35	5.8637099	5.27E-02	223187519	223187642	NC_000002.11
cg04244170	1.66E-06	2.44E-07	5.35	5.8633841	1.13E-01	100116021	100116144	NC_000003.11
cg12665504	1.66E-06	2.44E-07	5.35	5.8628232	1.24E-01	100239050	100239173	NC_000005.9
cg08101329	1.66E-06	2.44E-07	5.35	5.8627348	2.48E-02	4884631	4884754	NC_000017.10
cg25664275	1.66E-06	2.44E-07	5.35	5.8626281	1.39E-02	67511521	67511644	NC_000005.9
cg09947611	1.66E-06	2.44E-07	5.35	5.8625458	6.63E-02	1542360	1542483	NC_000011.9
cg09491991	1.66E-06	2.44E-07	5.35	5.8619613	2.27E-01	13200980	13201103	NC_000020.10
cg18636698	1.66E-06	2.44E-07	5.35	5.86183	5.02E-02	154163535	154163658	NC_000005.9



cg20262722	1.67E-06	2.44E-07	5.35	5.8614721	3.82E-02	742727	742850	NC_000010.10
cg00531137	1.67E-06	2.44E-07	5.35	5.861084	1.26E-01	57643932	57644055	NC_000016.9
cg15133351	1.67E-06	2.44E-07	5.35	5.8608212	1.46E-01	176948732	176948855	NC_000002.11
cg24155429	1.67E-06	2.44E-07	5.35	5.8600861	1.42E-01	185911885	185912008	NC_000003.11
cg05722504	1.67E-06	2.44E-07	5.35	5.8599629	9.06E-02	41749361	41749484	NC_000004.11
cg08302913	1.67E-06	2.45E-07	5.35	5.8595831	1.82E-01	182548786	182548909	NC_000002.11
cg24488772	1.67E-06	2.45E-07	5.35	5.8576349	2.65E-02	1017318	1017441	NC_000001.10
cg04135960	1.67E-06	2.45E-07	5.35	5.856837	7.06E-02	134982446	134982569	NC_000010.10
cg04389822	1.67E-06	2.45E-07	5.35	5.856779	3.21E-02	76755488	76755611	NC_000018.9
cg19975560	1.68E-06	2.46E-07	5.35	5.8548408	5.74E-02	197402207	197402330	NC_000003.11
cg10841775	1.68E-06	2.46E-07	5.35	5.8546492	1.40E-01	79258313	79258436	NC_000012.11
cg13849759	1.68E-06	2.46E-07	5.35	5.8543144	6.41E-02	13860785	13860908	NC_000009.11
cg10923219	1.68E-06	2.46E-07	5.35	5.8535355	4.30E-02	8555895	8556018	NC_000010.10
cg04976753	1.68E-06	2.46E-07	5.35	5.8534875	3.56E-02	3187921	3188044	NC_000011.9
cg27396403	1.68E-06	2.46E-07	5.35	5.8523843	5.65E-02	107387175	107387298	NC_000007.13
cg16761581	1.68E-06	2.46E-07	5.35	5.8523535	1.80E-01	24803807	24803930	NC_000014.8
cg08681856	1.68E-06	2.47E-07	5.35	5.8516906	7.32E-02	51411737	51411860	NC_000019.9
cg15517113	1.68E-06	2.47E-07	5.35	5.8514227	9.44E-02	620265	620388	NC_000002.11
cg16389285	1.68E-06	2.47E-07	5.35	5.8511264	1.66E-01	26108399	26108522	NC_000015.9
cg10635122	1.68E-06	2.47E-07	5.35	5.8505332	1.94E-01	52391090	52391213	NC_000019.9
cg07825955	1.68E-06	2.47E-07	5.35	5.8498884	7.17E-02	63014468	63014591	NC_000007.13
cg13674662	1.68E-06	2.47E-07	5.35	5.8496163	4.21E-02	51132637	51132760	NC_000019.9
cg10475172	1.69E-06	2.47E-07	5.35	5.8490953	4.04E-02	45927914	45928037	NC_000003.11
cg07112473	1.69E-06	2.47E-07	5.35	5.8483103	1.24E-01	105480748	105480871	NC_000002.11
cg16414403	1.69E-06	2.48E-07	5.35	5.8474293	8.49E-02	35399314	35399437	NC_000020.10

cg16266809	1.69E-06	2.48E-07	5.35	5.8466843	9.68E-02	30943371	30943494	NC_000020.10
cg03181966	1.69E-06	2.48E-07	5.35	5.8466494	6.44E-02	106493892	106494015	NC_000002.11
cg20798152	1.69E-06	2.48E-07	5.35	5.8463555	8.34E-02	71014900	71015023	NC_000005.9
cg16366809	1.69E-06	2.48E-07	5.35	5.8460849	1.28E-01	134844306	134844429	NC_000005.9
cg17755483	1.69E-06	2.48E-07	5.35	5.8458564	4.80E-02	71541917	71542040	NC_000005.9
cg24546683	1.69E-06	2.48E-07	5.35	5.8455424	1.19E-01	242097870	242097993	NC_000001.10
cg06766626	1.69E-06	2.48E-07	5.35	5.8448815	8.46E-02	35017872	35017995	NC_000017.10
cg05834477	1.69E-06	2.48E-07	5.35	5.8443641	9.34E-02	50887049	50887172	NC_000010.10
cg17971113	1.69E-06	2.49E-07	5.35	5.8434146	8.16E-02	47706142	47706265	NC_000004.11
cg21622464	1.69E-06	2.49E-07	5.35	5.8433116	5.36E-02	56164461	56164584	NC_000017.10
cg10460813	1.70E-06	2.49E-07	5.35	5.8429156	4.49E-02	87749116	87749239	NC_000016.9
cg19837124	1.70E-06	2.49E-07	5.35	5.8416873	6.95E-02	1974167	1974290	NC_000011.9
cg02072975	1.70E-06	2.49E-07	5.35	5.8411775	1.11E-01	45249541	45249664	NC_000001.10
cg11921539	1.70E-06	2.50E-07	5.35	5.8397406	7.41E-02	116328665	116328788	NC_000011.9
cg18676082	1.70E-06	2.50E-07	5.35	5.8391814	1.18E-01	75629433	75629556	NC_000003.11
cg13571707	1.70E-06	2.50E-07	5.35	5.8388404	2.04E-01	79383980	79384103	NC_000015.9
cg06635328	1.70E-06	2.50E-07	5.35	5.8388023	9.31E-02	1408635	1408758	NC_000007.13
cg05888917	1.70E-06	2.50E-07	5.35	5.8378616	1.61E-01	156626749	156626872	NC_000001.10
cg12099423	1.70E-06	2.50E-07	5.35	5.837746	8.57E-02	61590751	61590874	NC_000020.10
cg25226247	1.70E-06	2.50E-07	5.35	5.8376774	1.39E-01	50785152	50785275	NC_000006.11
cg07490085	1.70E-06	2.50E-07	5.35	5.8374245	5.19E-02	3876413	3876536	NC_000004.11
cg02974931	1.71E-06	2.50E-07	5.35	5.8366837	1.16E-01	48439216	48439339	NC_000010.10
cg03528946	1.71E-06	2.50E-07	5.35	5.8366249	3.05E-02	38069800	38069923	NC_000009.11
cg03966486	1.71E-06	2.50E-07	5.35	5.8365206	2.86E-02	40191051	40191174	NC_000021.8
cg03606725	1.71E-06	2.51E-07	5.35	5.8362337	1.13E-01	79758582	79758705	NC_000016.9

cg20673321	1.71E-06	2.51E-07	5.35	5.8361156	6.12E-02	48049233	48049356	NC_000019.9
cg19699090	1.71E-06	2.51E-07	5.34	5.8353381	8.77E-02	36808894	36809017	NC_000006.11
cg24530432	1.71E-06	2.51E-07	5.34	5.8349182	7.92E-02	174428060	174428183	NC_000004.11
cg03557698	1.71E-06	2.51E-07	5.34	5.8338626	3.04E-02	55271921	55272044	NC_000001.10
cg23323879	1.71E-06	2.51E-07	5.34	5.8334539	7.23E-02	65504534	65504657	NC_000015.9
cg19447629	1.71E-06	2.51E-07	5.34	5.8334157	3.68E-02	82766859	82766982	NC_000012.11
cg14427437	1.71E-06	2.51E-07	5.34	5.8333545	1.09E-01	20229471	20229594	NC_000011.9
cg05553511	1.71E-06	2.51E-07	5.34	5.8327011	5.66E-02	132655396	132655519	NC_000012.11
cg04047472	1.71E-06	2.51E-07	5.34	5.8326105	6.49E-02	1679796	1679919	NC_000016.9
cg07135032	1.71E-06	2.52E-07	5.34	5.8323365	1.33E-01	165322099	165322222	NC_000001.10
cg05825420	1.71E-06	2.52E-07	5.34	5.832231	1.13E-01	119303479	119303602	NC_000010.10
cg23705224	1.71E-06	2.52E-07	5.34	5.8315129	8.35E-02	48483948	48484071	NC_000015.9
cg23347429	1.72E-06	2.52E-07	5.34	5.8303404	1.52E-01	128850557	128850680	NC_000012.11
cg00806704	1.72E-06	2.52E-07	5.34	5.8294563	1.06E-01	28539042	28539165	NC_000013.10
cg00292312	1.72E-06	2.52E-07	5.34	5.8294045	9.62E-02	7318138	7318261	NC_000001.10
cg07502358	1.72E-06	2.53E-07	5.34	5.8283278	7.46E-02	78168218	78168341	NC_000013.10
cg07387286	1.72E-06	2.53E-07	5.34	5.827236	1.16E-01	39172120	39172243	NC_000008.10
cg09524396	1.72E-06	2.53E-07	5.34	5.8269267	1.22E-01	137817634	137817757	NC_000006.11
cg09931793	1.72E-06	2.53E-07	5.34	5.826715	4.86E-02	114090261	114090384	NC_000009.11
cg08181476	1.72E-06	2.53E-07	5.34	5.8264159	1.95E-01	19322676	19322799	NC_000019.9
cg23340034	1.72E-06	2.53E-07	5.34	5.8262997	1.21E-01	186782465	186782588	NC_000003.11
cg00811132	1.72E-06	2.53E-07	5.34	5.8257226	1.36E-01	19511707	19511830	NC_000022.10
cg24698727	1.72E-06	2.53E-07	5.34	5.8253462	1.13E-01	158150581	158150704	NC_000001.10
cg20026205	1.72E-06	2.53E-07	5.34	5.8253383	3.81E-02	108908672	108908795	NC_000003.11
cg08531260	1.72E-06	2.53E-07	5.34	5.8252912	5.96E-02	4230413	4230536	NC_000010.10

cg11842367	1.72E-06	2.53E-07	5.34	5.8252798	1.01E-01	78703580	78703703	NC_000001.10
cg16480692	1.72E-06	2.53E-07	5.34	5.8250767	1.66E-01	3355295	3355418	NC_000016.9
cg12259537	1.72E-06	2.53E-07	5.34	5.8247966	1.28E-01	58514694	58514817	NC_000019.9
cg26166818	1.73E-06	2.54E-07	5.34	5.8245351	2.79E-02	17062215	17062338	NC_000017.10
cg12279877	1.73E-06	2.54E-07	5.34	5.8245134	1.63E-01	35294230	35294353	NC_000017.10
cg03874601	1.73E-06	2.54E-07	5.34	5.8241806	7.48E-02	174505619	174505742	NC_000002.11
cg08487063	1.73E-06	2.54E-07	5.34	5.8230081	1.23E-01	102894639	102894762	NC_000010.10
cg18026244	1.73E-06	2.54E-07	5.34	5.822682	3.35E-02	38109876	38109999	NC_000010.10
cg11588317	1.73E-06	2.54E-07	5.34	5.8221634	3.47E-02	95837120	95837243	NC_000011.9
cg08538752	1.73E-06	2.54E-07	5.34	5.822118	7.55E-02	10990890	10991013	NC_000021.8
cg23204096	1.73E-06	2.54E-07	5.34	5.8219859	1.03E-01	169768053	169768176	NC_000006.11
cg19702785	1.73E-06	2.54E-07	5.34	5.82192	9.26E-02	43727089	43727212	NC_000020.10
cg04571163	1.73E-06	2.54E-07	5.34	5.8213352	1.06E-01	107502354	107502477	NC_000002.11
cg04285666	1.73E-06	2.55E-07	5.34	5.8200081	9.76E-02	122422863	122422986	NC_000005.9
cg02376703	1.73E-06	2.55E-07	5.34	5.8192118	2.91E-02	143106130	143106253	NC_000007.13
cg15891422	1.73E-06	2.55E-07	5.34	5.8188038	1.54E-01	43045386	43045509	NC_000017.10
cg01566312	1.74E-06	2.55E-07	5.34	5.8183978	5.94E-02	97418099	97418222	NC_000001.10
cg18016994	1.74E-06	2.55E-07	5.34	5.8183162	4.55E-02	28889421	28889544	NC_000006.11
cg25126698	1.74E-06	2.55E-07	5.34	5.8179248	6.72E-02	140751840	140751963	NC_000005.9
cg06129712	1.74E-06	2.55E-07	5.34	5.8178323	3.15E-02	83715302	83715425	NC_000007.13
cg04887124	1.74E-06	2.55E-07	5.34	5.8177431	2.60E-02	16557469	16557592	NC_000001.10
cg15586779	1.74E-06	2.55E-07	5.34	5.8176082	7.20E-02	202612132	202612255	NC_000001.10
cg27315497	1.74E-06	2.55E-07	5.34	5.8175258	8.97E-02	57281561	57281684	NC_000011.9
cg11052780	1.74E-06	2.56E-07	5.34	5.8168513	1.30E-01	72987499	72987622	NC_000008.10
cg17030488	1.74E-06	2.56E-07	5.34	5.8162619	6.93E-02	115172748	115172871	NC_000012.11

cg24071532	1.74E-06	2.56E-07	5.34	5.8158185	1.22E-01	32909042	32909165	NC_000017.10
cg07444005	1.74E-06	2.56E-07	5.34	5.8151669	2.68E-02	21678461	21678584	NC_000013.10
cg02921617	1.74E-06	2.56E-07	5.34	5.8148164	9.55E-02	326673	326796	NC_000016.9
cg14250833	1.74E-06	2.56E-07	5.34	5.8146343	1.52E-01	10882240	10882363	NC_000006.11
cg21074347	1.74E-06	2.56E-07	5.34	5.8145175	1.24E-01	9115009	9115132	NC_000011.9
cg12664119	1.74E-06	2.56E-07	5.34	5.813786	8.63E-02	119532352	119532475	NC_000001.10
cg01993124	1.74E-06	2.56E-07	5.34	5.8137632	7.92E-02	81190494	81190617	NC_000016.9
cg05299836	1.74E-06	2.57E-07	5.34	5.8131298	7.69E-02	31119067	31119190	NC_000016.9
cg00022558	1.74E-06	2.57E-07	5.34	5.8127536	1.33E-01	69590287	69590410	NC_000011.9
cg04673446	1.74E-06	2.57E-07	5.34	5.8126558	6.62E-02	39879951	39880074	NC_000022.10
cg06026545	1.75E-06	2.57E-07	5.34	5.812507	1.04E-01	35656860	35656983	NC_000017.10
cg19236454	1.75E-06	2.57E-07	5.34	5.8124712	7.31E-02	42799926	42800049	NC_000019.9
cg00059225	1.75E-06	2.57E-07	5.34	5.8124172	9.66E-02	151304357	151304480	NC_000005.9
cg08379987	1.75E-06	2.57E-07	5.34	5.8122612	1.28E-01	31507139	31507262	NC_000013.10
cg23982858	1.75E-06	2.57E-07	5.34	5.8118632	1.47E-01	95941869	95941992	NC_000012.11
cg01765545	1.75E-06	2.57E-07	5.34	5.8106935	1.60E-01	81045418	81045541	NC_000005.9
cg08614290	1.75E-06	2.57E-07	5.34	5.8100282	1.20E-01	158938491	158938614	NC_000007.13
cg27213352	1.75E-06	2.57E-07	5.34	5.8099938	1.09E-01	32907731	32907854	NC_000017.10
cg18323768	1.75E-06	2.58E-07	5.34	5.8090801	1.49E-01	24858943	24859066	NC_000008.10
cg10257302	1.75E-06	2.58E-07	5.34	5.8082326	1.17E-01	55907427	55907550	NC_000014.8
cg09440788	1.75E-06	2.58E-07	5.34	5.8072221	1.02E-01	37757401	37757524	NC_000008.10
cg06758644	1.75E-06	2.58E-07	5.34	5.806789	1.03E-01	12533120	12533243	NC_000001.10
cg14783814	1.75E-06	2.58E-07	5.34	5.8066616	1.47E-01	98511792	98511915	NC_000001.10
cg09265529	1.76E-06	2.58E-07	5.34	5.8064431	2.04E-01	57078765	57078888	NC_000019.9
cg00838874	1.76E-06	2.58E-07	5.34	5.8060047	1.41E-01	5018338	5018461	NC_000012.11

cg13169011	1.76E-06	2.59E-07	5.34	5.8053726	1.36E-01	60973462	60973585	NC_000014.8
cg07816247	1.76E-06	2.59E-07	5.34	5.8047679	8.70E-02	15540152	15540275	NC_000001.10
cg12499316	1.76E-06	2.59E-07	5.34	5.8047525	6.93E-02	106242236	106242359	NC_000002.11
cg24024505	1.76E-06	2.59E-07	5.34	5.8047256	4.86E-02	28829401	28829524	NC_000006.11
cg20016631	1.76E-06	2.59E-07	5.34	5.8044589	7.42E-02	38871320	38871443	NC_000004.11
cg27188358	1.76E-06	2.59E-07	5.34	5.804249	4.07E-02	281376	281499	NC_000019.9
cg10541767	1.76E-06	2.59E-07	5.34	5.8036295	7.67E-02	142537016	142537139	NC_000003.11
cg10871779	1.76E-06	2.59E-07	5.34	5.8034301	1.35E-01	113437909	113438032	NC_000004.11
cg05966641	1.76E-06	2.59E-07	5.34	5.8031484	3.17E-02	134637428	134637551	NC_000006.11
cg11410473	1.76E-06	2.59E-07	5.34	5.8029496	2.62E-02	167649749	167649872	NC_000006.11
cg14873240	1.76E-06	2.59E-07	5.34	5.8026005	9.35E-02	170303147	170303270	NC_000003.11
cg01762785	1.76E-06	2.59E-07	5.34	5.8024329	4.73E-02	42226837	42226960	NC_000022.10
cg11874762	1.76E-06	2.59E-07	5.34	5.8023222	1.44E-01	71318870	71318993	NC_000011.9
cg25903158	1.76E-06	2.60E-07	5.34	5.8011988	1.24E-01	1288721	1288844	NC_000007.13
cg11472725	1.76E-06	2.60E-07	5.34	5.8005732	5.64E-02	138938931	138939054	NC_000006.11
cg02046247	1.76E-06	2.60E-07	5.34	5.8004672	1.11E-01	1662459	1662582	NC_000012.11
cg26103369	1.77E-06	2.60E-07	5.34	5.8001262	1.42E-01	75153307	75153430	NC_000014.8
cg06362543	1.77E-06	2.60E-07	5.34	5.8000413	9.65E-02	42135794	42135917	NC_000020.10
cg06776644	1.77E-06	2.60E-07	5.34	5.7992469	9.29E-02	93218074	93218197	NC_000011.9
cg07385490	1.77E-06	2.60E-07	5.34	5.7989201	2.85E-02	1318548	1318671	NC_000005.9
cg11967835	1.77E-06	2.61E-07	5.34	5.7981401	5.88E-02	145624713	145624836	NC_000008.10
cg26023087	1.77E-06	2.61E-07	5.34	5.797416	1.41E-01	972520	972643	NC_000009.11
cg26380443	1.77E-06	2.61E-07	5.34	5.7960222	1.53E-01	140625240	140625363	NC_000005.9
cg12277278	1.77E-06	2.61E-07	5.34	5.7952809	1.23E-01	61636767	61636890	NC_000020.10
cg03575602	1.77E-06	2.61E-07	5.34	5.7946865	8.70E-02	12390599	12390722	NC_000010.10

cg26028149	1.78E-06	2.62E-07	5.34	5.7945257	6.95E-02	37974016	37974139	NC_000010.10
cg02715304	1.78E-06	2.62E-07	5.34	5.7944122	7.31E-02	67381183	67381306	NC_000011.9
cg05798059	1.78E-06	2.62E-07	5.34	5.7942345	1.17E-01	30444984	30445107	NC_000011.9
cg00414898	1.78E-06	2.62E-07	5.34	5.7935432	9.65E-02	89950542	89950665	NC_000015.9
cg12623183	1.78E-06	2.62E-07	5.34	5.7930567	9.93E-02	138831252	138831375	NC_000004.11
cg01783492	1.78E-06	2.62E-07	5.34	5.7928928	5.38E-02	10721112	10721235	NC_000016.9
cg18080733	1.78E-06	2.62E-07	5.34	5.7927516	1.17E-01	113611873	113611996	NC_000013.10
cg05116255	1.78E-06	2.62E-07	5.34	5.7927284	3.39E-02	37413782	37413905	NC_000010.10
cg16425161	1.78E-06	2.62E-07	5.34	5.7922115	1.30E-01	47624584	47624707	NC_000015.9
cg02988422	1.78E-06	2.62E-07	5.34	5.792024	5.45E-02	14450799	14450922	NC_000018.9
cg24620761	1.78E-06	2.62E-07	5.34	5.7916912	1.35E-01	147123199	147123322	NC_000003.11
cg16205958	1.78E-06	2.62E-07	5.34	5.7913305	1.09E-01	124653247	124653370	NC_000005.9
cg13385203	1.78E-06	2.62E-07	5.34	5.7912682	4.67E-02	79216946	79217069	NC_000017.10
cg25022687	1.78E-06	2.62E-07	5.34	5.7912042	1.22E-01	118032987	118033110	NC_000010.10
cg23318020	1.78E-06	2.63E-07	5.34	5.7904284	1.17E-01	74805375	74805498	NC_000013.10
cg03910557	1.78E-06	2.63E-07	5.34	5.7899225	9.76E-02	126074639	126074762	NC_000006.11
cg03886520	1.78E-06	2.63E-07	5.34	5.7898679	2.74E-02	8395396	8395519	NC_000001.10
cg02569613	1.78E-06	2.63E-07	5.34	5.789712	1.25E-01	50323127	50323250	NC_000010.10
cg27407147	1.78E-06	2.63E-07	5.34	5.7894972	9.87E-02	89920824	89920947	NC_000015.9
cg00498804	1.78E-06	2.63E-07	5.34	5.789025	6.46E-02	8827626	8827749	NC_000011.9
cg24833819	1.79E-06	2.63E-07	5.33	5.7883972	7.84E-02	42924552	42924675	NC_000005.9
cg18194734	1.79E-06	2.63E-07	5.33	5.7882296	1.87E-01	131513724	131513847	NC_000002.11
cg03707183	1.79E-06	2.63E-07	5.33	5.7880992	8.62E-02	4901449	4901572	NC_000007.13
cg00079219	1.79E-06	2.63E-07	5.33	5.7880513	1.34E-01	54360131	54360254	NC_000012.11
cg20250981	1.79E-06	2.63E-07	5.33	5.7876653	1.01E-01	2890644	2890767	NC_000011.9

cg07652774	1.79E-06	2.63E-07	5.33	5.7876242	3.32E-02	29003922	29004045	NC_000006.11
cg17592231	1.79E-06	2.63E-07	5.33	5.7874187	8.39E-02	43604758	43604881	NC_000011.9
cg25050332	1.79E-06	2.63E-07	5.33	5.7873452	8.35E-02	316088	316211	NC_000011.9
cg14793931	1.79E-06	2.63E-07	5.33	5.787285	5.76E-02	3834745	3834868	NC_000019.9
cg07743919	1.79E-06	2.64E-07	5.33	5.7869317	3.41E-02	3499277	3499400	NC_000010.10
cg03041629	1.79E-06	2.64E-07	5.33	5.7867016	1.01E-01	100463590	100463713	NC_000011.9
cg00223715	1.79E-06	2.64E-07	5.33	5.7855785	8.23E-02	49063003	49063126	NC_000022.10
cg09269935	1.79E-06	2.64E-07	5.33	5.7853387	6.36E-02	4541555	4541678	NC_000001.10
cg25345561	1.79E-06	2.64E-07	5.33	5.7845687	2.58E-02	69323046	69323169	NC_000015.9
cg16677955	1.79E-06	2.64E-07	5.33	5.7845121	1.46E-01	32930380	32930503	NC_000001.10
cg13673536	1.79E-06	2.64E-07	5.33	5.7843752	8.44E-02	71397641	71397764	NC_000009.11
cg07314988	1.79E-06	2.64E-07	5.33	5.7840583	1.22E-01	289774	289897	NC_000011.9
cg12874092	1.79E-06	2.64E-07	5.33	5.7837804	1.66E-01	17271519	17271642	NC_000010.10
cg02138124	1.79E-06	2.65E-07	5.33	5.7828653	9.18E-02	37901697	37901820	NC_000008.10
cg19403023	1.80E-06	2.65E-07	5.33	5.7815323	8.26E-02	2848797	2848920	NC_000016.9
cg01948367	1.80E-06	2.65E-07	5.33	5.781041	4.86E-02	93327134	93327257	NC_000005.9
cg11428482	1.80E-06	2.65E-07	5.33	5.7806932	1.63E-01	45405333	45405456	NC_000022.10
cg03573945	1.80E-06	2.65E-07	5.33	5.7806918	1.03E-01	25897342	25897465	NC_000008.10
cg09681877	1.80E-06	2.65E-07	5.33	5.7806336	1.13E-01	113391671	113391794	NC_000005.9
cg12954234	1.80E-06	2.65E-07	5.33	5.7803813	1.05E-01	89628141	89628264	NC_000004.11
cg23926793	1.80E-06	2.66E-07	5.33	5.7798029	1.51E-01	62996664	62996787	NC_000006.11
cg11504355	1.80E-06	2.66E-07	5.33	5.7795654	7.81E-02	158065595	158065718	NC_000001.10
cg11854217	1.80E-06	2.66E-07	5.33	5.779511	6.04E-02	106235684	106235807	NC_000014.8
cg07921625	1.80E-06	2.66E-07	5.33	5.7785902	1.09E-01	58208350	58208473	NC_000013.10
cg00249383	1.80E-06	2.66E-07	5.33	5.7784833	7.81E-02	2287763	2287886	NC_000016.9



cg22486630	1.80E-06	2.66E-07	5.33	5.7774722	1.17E-01	11471954	11472077	NC_000019.9
cg12436377	1.81E-06	2.66E-07	5.33	5.7768504	1.52E-01	87440296	87440419	NC_000005.9
cg03589230	1.81E-06	2.67E-07	5.33	5.7757175	6.01E-02	1992099	1992222	NC_000008.10
cg04956944	1.81E-06	2.67E-07	5.33	5.7756941	6.79E-02	112899297	112899420	NC_000002.11
cg24278817	1.81E-06	2.67E-07	5.33	5.775669	2.70E-02	129116327	129116450	NC_000003.11
cg10020325	1.81E-06	2.67E-07	5.33	5.7746371	5.65E-02	220362163	220362286	NC_000002.11
cg09415272	1.81E-06	2.67E-07	5.33	5.7738257	9.97E-02	88751158	88751281	NC_000002.11
cg18906520	1.81E-06	2.67E-07	5.33	5.7738134	7.92E-02	123461288	123461411	NC_000012.11
cg19716414	1.81E-06	2.67E-07	5.33	5.7737595	4.98E-02	131976236	131976359	NC_000002.11
cg01807770	1.81E-06	2.67E-07	5.33	5.7736972	3.27E-02	79471305	79471428	NC_000004.11
cg24719321	1.81E-06	2.67E-07	5.33	5.7729084	1.18E-01	122850490	122850613	NC_000011.9
cg19943325	1.81E-06	2.68E-07	5.33	5.7714317	3.87E-02	77018107	77018230	NC_000012.11
cg13853761	1.82E-06	2.68E-07	5.33	5.7704261	8.86E-02	64863232	64863355	NC_000011.9
cg02208891	1.82E-06	2.68E-07	5.33	5.7700336	7.33E-02	126205741	126205864	NC_000010.10
cg23785043	1.82E-06	2.68E-07	5.33	5.7699226	1.41E-01	19147307	19147430	NC_000007.13
cg13073773	1.82E-06	2.68E-07	5.33	5.7690249	1.09E-01	95234658	95234781	NC_000014.8
cg18537454	1.82E-06	2.69E-07	5.33	5.7683384	7.46E-02	22623213	22623336	NC_000010.10
cg02630629	1.82E-06	2.69E-07	5.33	5.7679845	6.18E-02	6111671	6111794	NC_000001.10
cg16310491	1.82E-06	2.69E-07	5.33	5.7679734	1.12E-01	87973597	87973720	NC_000005.9
cg10019132	1.82E-06	2.69E-07	5.33	5.7675821	1.47E-01	28602626	28602749	NC_000006.11
cg14510404	1.82E-06	2.69E-07	5.33	5.7674452	1.29E-01	79382995	79383118	NC_000015.9
cg07464571	1.82E-06	2.69E-07	5.33	5.7672696	8.33E-02	127881001	127881124	NC_000007.13
cg26991571	1.82E-06	2.69E-07	5.33	5.766735	5.94E-02	140568535	140568658	NC_000005.9
cg15710554	1.82E-06	2.69E-07	5.33	5.7661129	6.54E-02	138497336	138497459	NC_000005.9
cg24973298	1.82E-06	2.69E-07	5.33	5.7657965	1.50E-01	7568539	7568662	NC_000018.9

cg09785338	1.83E-06	2.70E-07	5.33	5.7646358	1.15E-01	79027673	79027796	NC_000016.9
cg25165908	1.83E-06	2.70E-07	5.33	5.7625869	7.34E-02	111476211	111476334	NC_000012.11
cg00804628	1.83E-06	2.71E-07	5.33	5.7614539	1.65E-01	139537845	139537968	NC_000002.11
cg03833429	1.83E-06	2.71E-07	5.33	5.7603134	9.93E-02	4258342	4258465	NC_000016.9
cg05532239	1.83E-06	2.71E-07	5.33	5.7599412	7.78E-02	156309258	156309381	NC_000001.10
cg19181310	1.83E-06	2.71E-07	5.33	5.7598563	3.50E-02	40735036	40735159	NC_000015.9
cg17964921	1.83E-06	2.71E-07	5.33	5.7597479	2.84E-02	872045	872168	NC_000005.9
cg23281803	1.83E-06	2.71E-07	5.33	5.7596834	1.12E-01	121138317	121138440	NC_000008.10
cg20136061	1.84E-06	2.71E-07	5.33	5.7591412	1.37E-01	147136586	147136709	NC_000003.11
cg26884787	1.84E-06	2.71E-07	5.33	5.7589724	7.86E-02	88543447	88543570	NC_000016.9
cg06522179	1.84E-06	2.71E-07	5.33	5.7585458	2.65E-02	2647662	2647785	NC_000016.9
cg20055426	1.84E-06	2.71E-07	5.33	5.7584496	1.09E-01	127211421	127211544	NC_000012.11
cg04640684	1.84E-06	2.72E-07	5.33	5.7581139	5.82E-02	107763534	107763657	NC_000008.10
cg18429584	1.84E-06	2.72E-07	5.33	5.7558657	3.93E-02	10264210	10264333	NC_000012.11
cg26583598	1.84E-06	2.72E-07	5.33	5.7554731	8.18E-02	60776693	60776816	NC_000005.9
cg06266993	1.84E-06	2.72E-07	5.33	5.7554726	1.73E-01	46671131	46671254	NC_000017.10
cg06027587	1.84E-06	2.72E-07	5.33	5.7554399	6.47E-02	27128708	27128831	NC_000006.11
cg03940047	1.84E-06	2.72E-07	5.33	5.7553743	1.03E-01	62120117	62120240	NC_000020.10
cg08704196	1.84E-06	2.73E-07	5.33	5.7546123	8.25E-02	34787392	34787515	NC_000016.9
cg06159353	1.85E-06	2.73E-07	5.33	5.7537798	1.24E-01	72595807	72595930	NC_000005.9
cg00537351	1.85E-06	2.73E-07	5.33	5.7535267	4.11E-02	14339109	14339232	NC_000005.9
cg10763953	1.85E-06	2.73E-07	5.33	5.7532126	5.80E-02	114741115	114741238	NC_000007.13
cg23228019	1.85E-06	2.73E-07	5.33	5.753198	5.10E-02	46579870	46579993	NC_000020.10
cg10479181	1.85E-06	2.73E-07	5.33	5.7528463	4.32E-02	1026877	1027000	NC_000016.9
cg24444839	1.85E-06	2.73E-07	5.33	5.7521887	5.54E-02	34350730	34350853	NC_000021.8

cg04954680	1.85E-06	2.73E-07	5.33	5.7514819	1.50E-01	26663593	26663716	NC_000003.11
cg16146060	1.85E-06	2.74E-07	5.33	5.7504927	7.11E-02	11487165	11487288	NC_000010.10
cg26287309	1.85E-06	2.74E-07	5.33	5.7503424	6.27E-02	37774499	37774622	NC_000022.10
cg11273834	1.85E-06	2.74E-07	5.33	5.7497181	8.24E-02	149863603	149863726	NC_000006.11
cg03660034	1.85E-06	2.74E-07	5.33	5.7491902	9.14E-02	76040976	76041099	NC_000017.10
cg08403195	1.85E-06	2.74E-07	5.33	5.7488986	1.15E-01	79181440	79181563	NC_000013.10
cg06493386	1.85E-06	2.74E-07	5.33	5.7488063	1.15E-01	72987797	72987920	NC_000008.10
cg26876077	1.86E-06	2.74E-07	5.33	5.7481541	8.06E-02	159347295	159347418	NC_000005.9
cg00086426	1.86E-06	2.75E-07	5.33	5.7461182	9.21E-02	10934373	10934496	NC_000016.9
cg00614249	1.86E-06	2.75E-07	5.33	5.7450399	8.26E-02	139784036	139784159	NC_000008.10
cg23933606	1.86E-06	2.75E-07	5.33	5.744959	3.44E-02	4944005	4944128	NC_000019.9
cg24789424	1.86E-06	2.75E-07	5.33	5.7446544	4.50E-02	197300143	197300266	NC_000003.11
cg03415916	1.86E-06	2.76E-07	5.33	5.7430292	6.34E-02	140788613	140788736	NC_000005.9
cg02286665	1.87E-06	2.76E-07	5.33	5.7426983	4.17E-02	45552320	45552443	NC_000021.8
cg17579515	1.87E-06	2.76E-07	5.33	5.7422179	4.02E-02	117186815	117186938	NC_000012.11
cg13049471	1.87E-06	2.76E-07	5.32	5.7419201	1.34E-01	74641167	74641290	NC_000017.10
cg02212846	1.87E-06	2.76E-07	5.32	5.7414305	6.92E-02	159639257	159639380	NC_000006.11
cg10873330	1.87E-06	2.76E-07	5.32	5.7414091	4.59E-02	7677873	7677996	NC_000004.11
cg05890279	1.87E-06	2.76E-07	5.32	5.7411673	8.00E-02	6337357	6337480	NC_000017.10
cg16626884	1.87E-06	2.77E-07	5.32	5.7400587	1.37E-01	71693389	71693512	NC_000002.11
cg22815110	1.87E-06	2.77E-07	5.32	5.7392007	1.08E-01	63788933	63789056	NC_000001.10
cg18918831	1.87E-06	2.77E-07	5.32	5.7390684	1.22E-01	195489782	195489905	NC_000003.11
cg09662823	1.87E-06	2.77E-07	5.32	5.7387913	4.43E-02	3825441	3825564	NC_000019.9
cg17857974	1.87E-06	2.77E-07	5.32	5.7384677	1.42E-01	140800474	140800597	NC_000005.9
cg25274185	1.87E-06	2.77E-07	5.32	5.738458	1.27E-01	32611483	32611606	NC_000013.10

cg01403885	1.87E-06	2.77E-07	5.32	5.7382124	7.86E-02	45742140	45742263	NC_000019.9
cg05589845	1.87E-06	2.77E-07	5.32	5.7381584	1.19E-01	27282444	27282567	NC_000007.13
cg03803008	1.87E-06	2.77E-07	5.32	5.7374805	8.33E-02	70055327	70055450	NC_000007.13
cg20985560	1.88E-06	2.78E-07	5.32	5.7364399	5.92E-02	1409174	1409297	NC_000004.11
cg16576620	1.88E-06	2.78E-07	5.32	5.7358861	1.50E-01	61596068	61596191	NC_000011.9
cg26409237	1.88E-06	2.78E-07	5.32	5.7354408	6.67E-02	10041000	10041123	NC_000004.11
cg18447772	1.88E-06	2.78E-07	5.32	5.7354174	1.57E-01	27205224	27205347	NC_000007.13
cg23195028	1.88E-06	2.78E-07	5.32	5.7353745	8.27E-02	6380234	6380357	NC_000004.11
cg18015746	1.88E-06	2.78E-07	5.32	5.7353728	1.57E-01	19797134	19797257	NC_000008.10
cg05198963	1.88E-06	2.78E-07	5.32	5.7346411	7.63E-02	30336870	30336993	NC_000010.10
cg03935055	1.88E-06	2.78E-07	5.32	5.7344258	1.23E-01	27771905	27772028	NC_000003.11
cg09997356	1.88E-06	2.78E-07	5.32	5.734113	5.34E-02	41651695	41651818	NC_000008.10
cg08654288	1.88E-06	2.79E-07	5.32	5.7333819	2.49E-02	13861340	13861463	NC_000019.9
cg11792184	1.88E-06	2.79E-07	5.32	5.7332916	3.73E-02	33193550	33193673	NC_000022.10
cg20160351	1.88E-06	2.79E-07	5.32	5.7327752	7.37E-02	58555364	58555487	NC_000001.10
cg18326783	1.88E-06	2.79E-07	5.32	5.7326494	3.23E-02	102765364	102765487	NC_000010.10
cg25616160	1.88E-06	2.79E-07	5.32	5.732597	4.87E-02	39655863	39655986	NC_000017.10
cg00076497	1.88E-06	2.79E-07	5.32	5.7325544	9.21E-02	126891621	126891744	NC_000007.13
cg04556542	1.88E-06	2.79E-07	5.32	5.7323168	1.00E-01	92790580	92790703	NC_000014.8
cg14598327	1.89E-06	2.79E-07	5.32	5.7313242	2.00E-01	54675137	54675260	NC_000017.10
cg24692872	1.89E-06	2.79E-07	5.32	5.7311195	5.38E-02	19181150	19181273	NC_000001.10
cg08170583	1.89E-06	2.79E-07	5.32	5.7306944	7.06E-02	25269908	25270031	NC_000008.10
cg20847580	1.89E-06	2.79E-07	5.32	5.7306481	1.07E-01	41528750	41528873	NC_000006.11
cg26809497	1.89E-06	2.79E-07	5.32	5.7305868	1.17E-01	69244152	69244275	NC_000008.10
cg09118552	1.89E-06	2.80E-07	5.32	5.728494	4.33E-02	117067745	117067868	NC_000007.13

cg00505318	1.89E-06	2.80E-07	5.32	5.7276932	1.11E-01	69130918	69131041	NC_000003.11
cg18269143	1.89E-06	2.80E-07	5.32	5.7269871	1.05E-01	32555255	32555378	NC_000022.10
cg21433912	1.89E-06	2.80E-07	5.32	5.7267851	1.01E-01	84815088	84815211	NC_000007.13
cg24071582	1.89E-06	2.80E-07	5.32	5.7267524	1.59E-01	113430656	113430779	NC_000004.11
cg05589784	1.89E-06	2.81E-07	5.32	5.7265454	1.39E-01	2915123	2915246	NC_000005.9
cg11829486	1.90E-06	2.81E-07	5.32	5.7253795	7.52E-02	11772568	11772691	NC_000008.10
cg27652350	1.90E-06	2.81E-07	5.32	5.7247783	1.16E-01	101420989	101421112	NC_000015.9
cg03540606	1.90E-06	2.81E-07	5.32	5.7242321	1.36E-01	60982016	60982139	NC_000014.8
cg00514723	1.90E-06	2.81E-07	5.32	5.7239478	7.53E-02	40244770	40244893	NC_000020.10
cg12308746	1.90E-06	2.81E-07	5.32	5.7237068	1.36E-01	172952415	172952538	NC_000002.11
cg13537915	1.90E-06	2.82E-07	5.32	5.7231253	1.82E-01	43603214	43603337	NC_000011.9
cg03971338	1.90E-06	2.82E-07	5.32	5.7228032	6.54E-02	79224178	79224301	NC_000017.10
cg11503287	1.90E-06	2.82E-07	5.32	5.7227275	3.60E-02	3498567	3498690	NC_000010.10
cg08887742	1.90E-06	2.82E-07	5.32	5.7224973	1.10E-01	147132321	147132444	NC_000003.11
cg13054224	1.90E-06	2.82E-07	5.32	5.7223109	1.14E-01	65648254	65648377	NC_000015.9
cg01814027	1.90E-06	2.82E-07	5.32	5.7221381	1.04E-01	71923401	71923524	NC_000008.10
cg02238634	1.90E-06	2.82E-07	5.32	5.7215863	7.05E-02	38487864	38487987	NC_000009.11
cg05459517	1.90E-06	2.82E-07	5.32	5.7210463	1.11E-01	123795904	123796027	NC_000008.10
cg02993699	1.90E-06	2.82E-07	5.32	5.7209646	4.33E-02	3415135	3415258	NC_000004.11
cg16443970	1.90E-06	2.82E-07	5.32	5.7208903	9.45E-02	102504022	102504145	NC_000010.10
cg17074575	1.90E-06	2.82E-07	5.32	5.7207896	3.63E-02	9931157	9931280	NC_000003.11
cg07779444	1.90E-06	2.82E-07	5.32	5.7204429	1.42E-01	134902278	134902401	NC_000010.10
cg01978246	1.91E-06	2.82E-07	5.32	5.7200032	1.18E-01	145749776	145749899	NC_000008.10
cg14511946	1.91E-06	2.83E-07	5.32	5.7191178	1.82E-01	23850969	23851092	NC_000009.11
cg26663686	1.91E-06	2.83E-07	5.32	5.7188592	8.81E-02	144241809	144241932	NC_000008.10

cg14599091	1.91E-06	2.83E-07	5.32	5.7186426	9.87E-02	79171679	79171802	NC_000013.10
cg00447646	1.91E-06	2.83E-07	5.32	5.717252	8.78E-02	54496299	54496422	NC_000019.9
cg02218306	1.91E-06	2.83E-07	5.32	5.7171632	1.04E-01	51561618	51561741	NC_000014.8
cg13107144	1.91E-06	2.83E-07	5.32	5.7165416	7.84E-02	63353166	63353289	NC_000015.9
cg17713780	1.91E-06	2.83E-07	5.32	5.7163751	1.01E-01	25945656	25945779	NC_000013.10
cg15118519	1.91E-06	2.84E-07	5.32	5.7151524	4.48E-02	26699617	26699740	NC_000001.10
cg12067287	1.92E-06	2.84E-07	5.32	5.7134147	4.98E-02	3221598	3221721	NC_000018.9
cg24990327	1.92E-06	2.85E-07	5.32	5.7118656	1.27E-01	147591897	147592020	NC_000007.13
cg15571705	1.92E-06	2.85E-07	5.32	5.7113137	5.56E-02	129308733	129308856	NC_000011.9
cg15568376	1.92E-06	2.85E-07	5.32	5.7099062	6.95E-02	8808271	8808394	NC_000019.9
cg01565314	1.92E-06	2.85E-07	5.32	5.7097234	9.34E-02	45737610	45737733	NC_000019.9
cg02878183	1.92E-06	2.85E-07	5.32	5.709553	1.79E-02	66288146	66288269	NC_000014.8
cg19970121	1.93E-06	2.86E-07	5.32	5.709393	5.10E-02	93822184	93822307	NC_000011.9
cg11159666	1.93E-06	2.86E-07	5.32	5.7092108	8.28E-02	71432902	71433025	NC_000017.10
cg18232816	1.93E-06	2.86E-07	5.32	5.7090933	1.19E-01	33591505	33591628	NC_000012.11
cg19993133	1.93E-06	2.86E-07	5.32	5.7083838	7.29E-02	20484804	20484927	NC_000022.10
cg12558966	1.93E-06	2.86E-07	5.32	5.7081736	9.60E-02	4866946	4867069	NC_000004.11
cg07773060	1.93E-06	2.86E-07	5.32	5.7077579	1.39E-01	24813046	24813169	NC_000008.10
cg17886028	1.93E-06	2.86E-07	5.32	5.7065378	1.34E-01	4383507	4383630	NC_000012.11
cg04380513	1.93E-06	2.87E-07	5.32	5.7057577	1.32E-01	100238983	100239106	NC_000005.9
cg06611358	1.93E-06	2.87E-07	5.32	5.7042979	1.85E-01	37464417	37464540	NC_000019.9
cg09576209	1.94E-06	2.87E-07	5.32	5.7034171	1.14E-01	2339614	2339737	NC_000012.11
cg11715966	1.94E-06	2.87E-07	5.32	5.703002	7.64E-02	46917255	46917378	NC_000019.9
cg09103423	1.94E-06	2.87E-07	5.32	5.7027054	7.68E-02	4665238	4665361	NC_000006.11
cg23667734	1.94E-06	2.88E-07	5.32	5.7023569	1.51E-01	34998374	34998497	NC_000017.10

cg09611226	1.94E-06	2.88E-07	5.32	5.7016617	4.16E-02	85672056	85672179	NC_000016.9
cg25974484	1.94E-06	2.88E-07	5.32	5.7008286	3.67E-02	227163700	227163823	NC_000001.10
cg08292058	1.94E-06	2.88E-07	5.32	5.700674	1.92E-02	2807172	2807295	NC_000019.9
cg12354122	1.94E-06	2.88E-07	5.32	5.7006379	1.10E-01	101419148	101419271	NC_000015.9
cg02519208	1.94E-06	2.88E-07	5.32	5.7003884	8.77E-02	190105821	190105944	NC_000003.11
cg02869163	1.94E-06	2.88E-07	5.32	5.6997704	5.00E-02	45364410	45364533	NC_000021.8
cg27331524	1.94E-06	2.88E-07	5.32	5.6993507	1.66E-01	116963193	116963316	NC_000007.13
cg25673084	1.94E-06	2.89E-07	5.32	5.699326	1.90E-01	79383852	79383975	NC_000015.9
cg03753642	1.94E-06	2.89E-07	5.32	5.6992732	6.11E-02	75261222	75261345	NC_000008.10
cg23369114	1.94E-06	2.89E-07	5.32	5.6991241	4.41E-02	14198698	14198821	NC_000019.9
cg06980853	1.94E-06	2.89E-07	5.32	5.6988638	1.48E-01	13843859	13843982	NC_000001.10
cg05501320	1.95E-06	2.89E-07	5.32	5.6985467	1.40E-01	75263248	75263371	NC_000008.10
cg10553103	1.95E-06	2.89E-07	5.32	5.6985362	1.13E-01	140619567	140619690	NC_000005.9
cg07414571	1.95E-06	2.89E-07	5.32	5.6969218	1.19E-01	26690091	26690214	NC_000006.11
cg03044186	1.95E-06	2.89E-07	5.32	5.696081	5.24E-02	3685357	3685480	NC_000004.11
cg02459827	1.95E-06	2.89E-07	5.32	5.6960544	5.67E-02	108082637	108082760	NC_000005.9
cg19315479	1.95E-06	2.90E-07	5.32	5.6958069	3.58E-02	47426939	47427062	NC_000021.8
cg15685943	1.95E-06	2.90E-07	5.32	5.6957673	1.93E-01	115632272	115632395	NC_000001.10
cg17606548	1.95E-06	2.90E-07	5.31	5.6949994	3.69E-02	66123702	66123825	NC_000005.9
cg01820584	1.95E-06	2.90E-07	5.31	5.6940981	3.75E-02	52735830	52735953	NC_000004.11
cg10173172	1.95E-06	2.90E-07	5.31	5.694091	3.08E-02	125380812	125380935	NC_000008.10
cg08633479	1.95E-06	2.90E-07	5.31	5.6937459	8.48E-02	57630524	57630647	NC_000019.9
cg07907506	1.96E-06	2.90E-07	5.31	5.6930172	9.38E-02	100210582	100210705	NC_000003.11
cg22012477	1.96E-06	2.90E-07	5.31	5.692905	3.87E-02	168132177	168132300	NC_000006.11
cg24608717	1.96E-06	2.90E-07	5.31	5.6928054	8.74E-02	48678331	48678454	NC_000003.11

cg05639205	1.96E-06	2.90E-07	5.31	5.6927102	1.05E-01	155595693	155595816	NC_000007.13
cg24837653	1.96E-06	2.91E-07	5.31	5.6919179	3.34E-02	4849101	4849224	NC_000019.9
cg14215586	1.96E-06	2.91E-07	5.31	5.6916193	2.00E-01	54394545	54394668	NC_000012.11
cg03743262	1.96E-06	2.91E-07	5.31	5.691486	1.19E-01	113728506	113728629	NC_000007.13
cg00551378	1.96E-06	2.91E-07	5.31	5.6913828	3.16E-02	31711701	31711824	NC_000006.11
cg09937382	1.96E-06	2.91E-07	5.31	5.691346	3.98E-02	54437821	54437944	NC_000008.10
cg08242633	1.96E-06	2.91E-07	5.31	5.6910176	1.08E-01	2591411	2591534	NC_000008.10
cg17997332	1.96E-06	2.91E-07	5.31	5.6910099	5.69E-02	134022578	134022701	NC_000010.10
cg00794881	1.96E-06	2.91E-07	5.31	5.6903995	1.18E-01	19043573	19043696	NC_000001.10
cg13905053	1.96E-06	2.92E-07	5.31	5.688583	6.07E-02	139235493	139235616	NC_000009.11
cg21342636	1.97E-06	2.92E-07	5.31	5.6875959	1.01E-01	32064671	32064794	NC_000006.11
cg17701373	1.97E-06	2.92E-07	5.31	5.6870717	1.37E-01	94285343	94285466	NC_000007.13
cg27158472	1.97E-06	2.92E-07	5.31	5.6868152	9.85E-02	45926170	45926293	NC_000011.9
cg10192198	1.97E-06	2.92E-07	5.31	5.6867999	1.16E-01	973184	973307	NC_000009.11
cg21635185	1.97E-06	2.92E-07	5.31	5.6866087	4.55E-02	27360428	27360551	NC_000002.11
cg10469329	1.97E-06	2.92E-07	5.31	5.6863268	1.84E-01	170947241	170947364	NC_000004.11
cg02331883	1.97E-06	2.92E-07	5.31	5.6862332	1.18E-01	140798095	140798218	NC_000005.9
cg22827864	1.97E-06	2.93E-07	5.31	5.6853913	1.29E-01	72298424	72298547	NC_000006.11
cg08422668	1.97E-06	2.93E-07	5.31	5.6848693	4.72E-02	32857347	32857470	NC_000016.9
cg22141111	1.97E-06	2.93E-07	5.31	5.6832471	1.22E-01	25746007	25746130	NC_000013.10
cg22111118	1.97E-06	2.93E-07	5.31	5.6830343	1.11E-01	77438300	77438423	NC_000018.9
cg04820911	1.97E-06	2.93E-07	5.31	5.6828618	3.60E-02	677332	677455	NC_000004.11
cg00351011	1.97E-06	2.94E-07	5.31	5.6825529	1.77E-01	8274460	8274583	NC_000019.9
cg24070963	1.98E-06	2.94E-07	5.31	5.6823721	7.02E-02	64734843	64734966	NC_000006.11
cg18300008	1.98E-06	2.94E-07	5.31	5.6808337	8.01E-02	156342156	156342279	NC_000006.11



cg11754420	1.98E-06	2.94E-07	5.31	5.6803714	8.80E-02	112979874	112979997	NC_000013.10
cg01920578	1.98E-06	2.94E-07	5.31	5.679848	1.19E-01	45270573	45270696	NC_000012.11
cg04636269	1.98E-06	2.94E-07	5.31	5.6797495	1.35E-01	35300868	35300991	NC_000017.10
cg04488487	1.98E-06	2.95E-07	5.31	5.6788061	7.72E-02	242709673	242709796	NC_000002.11
cg12083965	1.98E-06	2.95E-07	5.31	5.6785975	1.21E-01	14995138	14995261	NC_000011.9
cg04063945	1.98E-06	2.95E-07	5.31	5.6778917	1.78E-01	23982480	23982603	NC_000010.10
cg18483289	1.98E-06	2.95E-07	5.31	5.6772779	8.39E-02	644897	645020	NC_000020.10
cg18416576	1.99E-06	2.95E-07	5.31	5.6766166	1.36E-01	27214043	27214166	NC_000007.13
cg26788570	1.99E-06	2.96E-07	5.31	5.675931	3.92E-02	17734447	17734570	NC_000001.10
cg20017253	1.99E-06	2.96E-07	5.31	5.675695	7.85E-02	46444011	46444134	NC_000019.9
cg24155871	1.99E-06	2.96E-07	5.31	5.6756249	1.44E-01	75139347	75139470	NC_000001.10
cg00258597	1.99E-06	2.96E-07	5.31	5.675269	1.23E-01	23567607	23567730	NC_000008.10
cg10005475	1.99E-06	2.96E-07	5.31	5.6748967	4.49E-02	74011063	74011186	NC_000017.10
cg03865925	1.99E-06	2.96E-07	5.31	5.6746166	1.07E-01	77843317	77843440	NC_000003.11
cg11481133	1.99E-06	2.96E-07	5.31	5.6745788	1.30E-01	69611360	69611483	NC_000002.11
cg18051798	1.99E-06	2.96E-07	5.31	5.6738877	5.59E-02	51453432	51453555	NC_000012.11
cg16136098	1.99E-06	2.96E-07	5.31	5.6737403	1.34E-01	107683532	107683655	NC_000001.10
cg19696083	1.99E-06	2.96E-07	5.31	5.673094	1.06E-01	54438419	54438542	NC_000012.11
cg20180370	1.99E-06	2.96E-07	5.31	5.6728582	1.25E-01	50691003	50691126	NC_000006.11
cg04840356	1.99E-06	2.97E-07	5.31	5.6726516	1.23E-01	239755585	239755708	NC_000002.11
cg08134286	2.00E-06	2.97E-07	5.31	5.6718576	5.71E-02	7845798	7845921	NC_000001.10
cg27258551	2.00E-06	2.97E-07	5.31	5.6711409	4.94E-02	23197740	23197863	NC_000016.9
cg08349826	2.00E-06	2.97E-07	5.31	5.6698422	4.78E-02	10346403	10346526	NC_000016.9
cg06824523	2.00E-06	2.97E-07	5.31	5.6696276	7.69E-02	2411612	2411735	NC_000001.10
cg22430565	2.00E-06	2.98E-07	5.31	5.6692298	4.80E-02	178482328	178482451	NC_000001.10

cg01193822	2.00E-06	2.98E-07	5.31	5.6682068	2.98E-02	52239037	52239160	NC_000014.8
cg16192821	2.00E-06	2.98E-07	5.31	5.6674447	8.74E-02	13028642	13028765	NC_000003.11
cg09214099	2.00E-06	2.98E-07	5.31	5.6674243	8.78E-02	72791740	72791863	NC_000007.13
cg17978037	2.01E-06	2.99E-07	5.31	5.6659954	2.96E-02	33391307	33391430	NC_000006.11
cg01410359	2.01E-06	2.99E-07	5.31	5.6657759	8.50E-02	38302230	38302353	NC_000002.11
cg03345037	2.01E-06	2.99E-07	5.31	5.6656863	1.62E-01	94134446	94134569	NC_000011.9
cg06944096	2.01E-06	2.99E-07	5.31	5.6654027	5.84E-02	124787364	124787487	NC_000012.11
cg14777772	2.01E-06	2.99E-07	5.31	5.6650444	1.51E-01	55098130	55098253	NC_000004.11
cg08617160	2.01E-06	2.99E-07	5.31	5.6647387	9.51E-02	345312	345435	NC_000019.9
cg23374834	2.01E-06	2.99E-07	5.31	5.6638848	9.60E-02	131631671	131631794	NC_000010.10
cg23243884	2.01E-06	2.99E-07	5.31	5.663342	5.00E-02	15375386	15375509	NC_000001.10
cg19959677	2.01E-06	3.00E-07	5.31	5.6623454	1.09E-01	61120783	61120906	NC_000014.8
cg04222917	2.01E-06	3.00E-07	5.31	5.6619016	3.92E-02	112021676	112021799	NC_000006.11
cg16319517	2.01E-06	3.00E-07	5.31	5.661707	3.74E-02	190287031	190287154	NC_000003.11
cg10008757	2.02E-06	3.00E-07	5.31	5.661362	1.78E-01	8097183	8097306	NC_000010.10
cg26201535	2.02E-06	3.00E-07	5.31	5.6613476	9.09E-02	409934	410057	NC_000011.9
cg12030923	2.02E-06	3.00E-07	5.31	5.6604007	6.96E-02	95800094	95800217	NC_000007.13
cg20512247	2.02E-06	3.01E-07	5.31	5.6594878	6.70E-02	21030335	21030458	NC_000014.8
cg01167755	2.02E-06	3.01E-07	5.31	5.6587442	1.40E-01	139284498	139284621	NC_000005.9
cg02639931	2.02E-06	3.01E-07	5.31	5.6576994	9.19E-02	1387894	1388017	NC_000019.9
cg13419713	2.02E-06	3.01E-07	5.31	5.6574338	8.06E-02	18059878	18060001	NC_000019.9
cg06873880	2.02E-06	3.01E-07	5.31	5.6573891	1.19E-01	37123678	37123801	NC_000014.8
cg06164804	2.02E-06	3.01E-07	5.31	5.6572326	6.89E-02	240044389	240044512	NC_000002.11
cg17302548	2.02E-06	3.01E-07	5.31	5.6569968	3.60E-02	2215918	2216041	NC_000016.9
cg14143441	2.02E-06	3.02E-07	5.31	5.6563022	8.39E-02	134387493	134387616	NC_000008.10

cg09514875	2.03E-06	3.02E-07	5.31	5.6558517	4.93E-02	58389438	58389561	NC_000011.9
cg14731458	2.03E-06	3.02E-07	5.31	5.6542853	1.03E-01	139196491	139196614	NC_000003.11
cg06400704	2.03E-06	3.02E-07	5.31	5.6541024	1.53E-01	240256644	240256767	NC_000001.10
cg15491461	2.03E-06	3.02E-07	5.31	5.653491	1.21E-01	89959984	89960107	NC_000015.9
cg19619206	2.03E-06	3.03E-07	5.31	5.6533636	8.46E-02	7017569	7017692	NC_000017.10
cg19769520	2.03E-06	3.03E-07	5.31	5.653202	2.79E-02	1659591	1659714	NC_000002.11
cg27318507	2.03E-06	3.03E-07	5.31	5.6531025	3.36E-02	160513854	160513977	NC_000006.11
cg21337120	2.03E-06	3.03E-07	5.31	5.6513302	5.94E-02	143254726	143254849	NC_000008.10
cg23822879	2.04E-06	3.03E-07	5.31	5.6506463	1.27E-01	73674591	73674714	NC_000003.11
cg11233468	2.04E-06	3.03E-07	5.31	5.6505506	5.87E-02	5831171	5831294	NC_000019.9
cg01900030	2.04E-06	3.03E-07	5.31	5.6501968	3.36E-02	92412319	92412442	NC_000007.13
cg20104341	2.04E-06	3.04E-07	5.31	5.649744	1.16E-01	54338937	54339060	NC_000012.11
cg08111158	2.04E-06	3.04E-07	5.3	5.648264	1.02E-01	227746191	227746314	NC_000001.10
cg00994649	2.04E-06	3.04E-07	5.3	5.6480865	2.85E-02	86131385	86131508	NC_000008.10
cg13864319	2.04E-06	3.04E-07	5.3	5.6476866	1.03E-01	42951935	42952058	NC_000005.9
cg18164305	2.04E-06	3.04E-07	5.3	5.6476688	8.74E-02	4212446	4212569	NC_000011.9
cg06440361	2.04E-06	3.04E-07	5.3	5.6476388	5.75E-02	50590075	50590198	NC_000013.10
cg08721320	2.04E-06	3.04E-07	5.3	5.6474916	6.73E-02	134929913	134930036	NC_000010.10
cg08109815	2.04E-06	3.04E-07	5.3	5.6469955	1.11E-01	142409831	142409954	NC_000006.11
cg18972349	2.04E-06	3.05E-07	5.3	5.6469515	3.81E-02	28195327	28195450	NC_000001.10
cg16158681	2.05E-06	3.05E-07	5.3	5.6458359	1.10E-01	56623109	56623232	NC_000016.9
cg03711182	2.05E-06	3.05E-07	5.3	5.6456631	1.88E-01	79383924	79384047	NC_000015.9
cg07788369	2.05E-06	3.05E-07	5.3	5.6452546	1.11E-01	96619068	96619191	NC_000007.13
cg04051962	2.05E-06	3.05E-07	5.3	5.6452345	3.99E-02	1570409	1570532	NC_000016.9
cg26229018	2.05E-06	3.05E-07	5.3	5.6449537	3.84E-02	7574875	7574998	NC_000001.10

cg14330737	2.05E-06	3.05E-07	5.3	5.6445537	1.49E-02	3123480	3123603	NC_000010.10
cg15160263	2.05E-06	3.05E-07	5.3	5.6443891	1.37E-01	76923943	76924066	NC_000005.9
cg04171065	2.05E-06	3.05E-07	5.3	5.6438553	1.49E-01	42075760	42075883	NC_000014.8
cg12432709	2.05E-06	3.06E-07	5.3	5.6436838	4.80E-02	52627333	52627456	NC_000018.9
cg06582426	2.05E-06	3.06E-07	5.3	5.6431211	1.13E-01	5603168	5603291	NC_000012.11
cg14843922	2.05E-06	3.06E-07	5.3	5.6422841	1.20E-01	34398849	34398972	NC_000021.8
cg14023556	2.05E-06	3.06E-07	5.3	5.641578	3.54E-02	110007591	110007714	NC_000012.11
cg06210989	2.06E-06	3.06E-07	5.3	5.6407395	5.58E-02	57440587	57440710	NC_000003.11
cg20239333	2.06E-06	3.07E-07	5.3	5.6404449	9.62E-02	133111331	133111454	NC_000010.10
cg18251449	2.06E-06	3.07E-07	5.3	5.640431	8.21E-02	58728390	58728513	NC_000019.9
cg25653223	2.06E-06	3.07E-07	5.3	5.6397814	1.19E-01	20833088	20833211	NC_000007.13
cg25988034	2.06E-06	3.07E-07	5.3	5.6391067	1.45E-01	8093239	8093362	NC_000010.10
cg04514024	2.06E-06	3.07E-07	5.3	5.6388597	5.20E-02	7222668	7222791	NC_000017.10
cg11199639	2.06E-06	3.07E-07	5.3	5.6388447	1.15E-01	39172111	39172234	NC_000008.10
cg18107355	2.06E-06	3.07E-07	5.3	5.6385355	6.71E-02	37940899	37941022	NC_000010.10
cg12816057	2.06E-06	3.07E-07	5.3	5.638425	3.90E-02	148034206	148034329	NC_000005.9
cg01919204	2.06E-06	3.07E-07	5.3	5.6380948	1.01E-01	145729149	145729272	NC_000008.10
cg26913248	2.06E-06	3.07E-07	5.3	5.6380178	1.31E-01	239755455	239755578	NC_000002.11
cg01624414	2.06E-06	3.08E-07	5.3	5.6372494	1.29E-01	77119206	77119329	NC_000004.11
cg22617773	2.06E-06	3.08E-07	5.3	5.6366862	1.78E-01	29521751	29521874	NC_000006.11
cg21207205	2.06E-06	3.08E-07	5.3	5.6359999	1.23E-01	142249864	142249987	NC_000004.11
cg10575219	2.07E-06	3.08E-07	5.3	5.6357752	1.17E-01	105313992	105314115	NC_000007.13
cg22799420	2.07E-06	3.08E-07	5.3	5.6354654	9.75E-02	102028994	102029117	NC_000014.8
cg18698788	2.07E-06	3.08E-07	5.3	5.6350941	1.74E-01	89952499	89952622	NC_000015.9
cg17945419	2.07E-06	3.08E-07	5.3	5.6349745	1.34E-01	102504297	102504420	NC_000010.10

cg09537621	2.07E-06	3.08E-07	5.3	5.6345682	5.34E-02	114189998	114190121	NC_000013.10
cg21895380	2.07E-06	3.08E-07	5.3	5.6344881	5.64E-02	41700693	41700816	NC_000004.11
cg17869988	2.07E-06	3.09E-07	5.3	5.6343034	3.66E-02	1601380	1601503	NC_000001.10
cg11995137	2.07E-06	3.09E-07	5.3	5.6340053	5.32E-02	72084660	72084783	NC_000015.9
cg18134262	2.07E-06	3.09E-07	5.3	5.6337144	7.71E-02	140263086	140263209	NC_000005.9
cg03604073	2.07E-06	3.09E-07	5.3	5.6333743	1.09E-01	47507409	47507532	NC_000019.9
cg03127334	2.07E-06	3.09E-07	5.3	5.6333348	1.46E-01	40033634	40033757	NC_000021.8
cg06705930	2.07E-06	3.09E-07	5.3	5.6332492	9.45E-02	31823191	31823314	NC_000011.9
cg02805859	2.07E-06	3.09E-07	5.3	5.6330532	2.49E-02	89922611	89922734	NC_000016.9
cg13721688	2.07E-06	3.09E-07	5.3	5.6328299	3.16E-02	9091180	9091303	NC_000009.11
cg13247990	2.07E-06	3.09E-07	5.3	5.6323087	4.65E-02	46782176	46782299	NC_000016.9
cg16349876	2.07E-06	3.09E-07	5.3	5.6318381	1.48E-01	50554013	50554136	NC_000019.9
cg26872049	2.07E-06	3.09E-07	5.3	5.6312058	5.05E-02	145624184	145624307	NC_000008.10
cg22921703	2.07E-06	3.10E-07	5.3	5.6310751	5.68E-02	23511636	23511759	NC_000014.8
cg26344794	2.07E-06	3.10E-07	5.3	5.6309446	7.66E-02	36451504	36451627	NC_000017.10
cg25451958	2.08E-06	3.10E-07	5.3	5.6307878	1.31E-01	24859074	24859197	NC_000008.10
cg23614791	2.08E-06	3.10E-07	5.3	5.6306606	1.61E-01	81471754	81471877	NC_000012.11
cg09725195	2.08E-06	3.10E-07	5.3	5.6304941	1.31E-01	20348331	20348454	NC_000020.10
cg08251399	2.08E-06	3.10E-07	5.3	5.6304397	6.90E-02	31457608	31457731	NC_000002.11
cg08858295	2.08E-06	3.10E-07	5.3	5.6296698	9.36E-02	149979253	149979376	NC_000001.10
cg02061804	2.08E-06	3.10E-07	5.3	5.6291278	9.75E-02	32453	32576	NC_000017.10
cg01864825	2.08E-06	3.10E-07	5.3	5.6291102	1.02E-01	14585625	14585748	NC_000005.9
cg13053082	2.08E-06	3.10E-07	5.3	5.6287594	6.10E-02	182813224	182813347	NC_000003.11
cg17862152	2.08E-06	3.10E-07	5.3	5.6286472	1.17E-01	203044930	203045053	NC_000001.10
cg00808170	2.08E-06	3.11E-07	5.3	5.6275333	8.54E-02	140807787	140807910	NC_000005.9

cg01568816	2.08E-06	3.11E-07	5.3	5.627	5.40E-02	50876186	50876309	NC_000022.10
cg07731304	2.08E-06	3.11E-07	5.3	5.6268751	1.42E-01	12124114	12124237	NC_000001.10
cg20680669	2.08E-06	3.11E-07	5.3	5.626456	4.05E-02	28189870	28189993	NC_000022.10
cg16578578	2.08E-06	3.11E-07	5.3	5.626323	3.86E-02	80763427	80763550	NC_000017.10
cg12435074	2.08E-06	3.11E-07	5.3	5.6260307	8.65E-02	75672801	75672924	NC_000017.10
cg08278108	2.09E-06	3.11E-07	5.3	5.6253374	1.12E-01	48042917	48043040	NC_000017.10
cg05256269	2.09E-06	3.11E-07	5.3	5.6252617	1.03E-01	176956841	176956964	NC_000002.11
cg13215078	2.09E-06	3.12E-07	5.3	5.6239833	9.84E-02	66188441	66188564	NC_000011.9
cg10573505	2.09E-06	3.12E-07	5.3	5.6239034	9.94E-02	181454164	181454287	NC_000001.10
cg15932464	2.09E-06	3.12E-07	5.3	5.6237522	3.47E-02	151046740	151046863	NC_000001.10
cg19224278	2.09E-06	3.12E-07	5.3	5.6232308	1.04E-01	101419017	101419140	NC_000015.9
cg00554871	2.09E-06	3.12E-07	5.3	5.623095	7.07E-02	107836762	107836885	NC_000003.11
cg16303846	2.09E-06	3.12E-07	5.3	5.6225216	1.73E-01	225907539	225907662	NC_000002.11
cg18479972	2.09E-06	3.12E-07	5.3	5.6224086	1.16E-01	46810705	46810828	NC_000017.10
cg09987596	2.09E-06	3.12E-07	5.3	5.6220528	1.37E-01	131513705	131513828	NC_000002.11
cg22481882	2.09E-06	3.12E-07	5.3	5.6218577	2.55E-02	145161551	145161674	NC_000008.10
cg21900073	2.09E-06	3.12E-07	5.3	5.6218454	8.28E-02	82005992	82006115	NC_000004.11
cg16074109	2.09E-06	3.13E-07	5.3	5.6212288	3.10E-02	124799011	124799134	NC_000012.11
cg17693013	2.09E-06	3.13E-07	5.3	5.6208096	3.10E-02	30001557	30001680	NC_000006.11
cg08991910	2.10E-06	3.13E-07	5.3	5.6198557	3.26E-02	34858035	34858158	NC_000011.9
cg02285386	2.10E-06	3.13E-07	5.3	5.6196018	9.29E-02	35695157	35695280	NC_000022.10
cg06954481	2.10E-06	3.13E-07	5.3	5.6190939	1.84E-01	237076497	237076620	NC_000002.11
cg03361585	2.10E-06	3.14E-07	5.3	5.6187397	1.96E-01	47444241	47444364	NC_000020.10
cg08650910	2.10E-06	3.14E-07	5.3	5.6186842	1.96E-01	20817530	20817653	NC_000007.13
cg18166150	2.10E-06	3.14E-07	5.3	5.6182694	1.37E-01	3169037	3169160	NC_000010.10

cg26257822	2.10E-06	3.14E-07	5.3	5.6181958	1.13E-01	119292547	119292670	NC_000010.10
cg07178825	2.10E-06	3.14E-07	5.3	5.6177811	9.53E-02	3649574	3649697	NC_000001.10
cg13847701	2.10E-06	3.14E-07	5.3	5.6173957	5.08E-02	31570468	31570591	NC_000002.11
cg10665199	2.10E-06	3.14E-07	5.3	5.6171493	2.46E-02	133106180	133106303	NC_000007.13
cg10419709	2.10E-06	3.14E-07	5.3	5.6166969	8.10E-02	58216651	58216774	NC_000017.10
cg21127508	2.10E-06	3.14E-07	5.3	5.6159007	3.30E-02	40749867	40749990	NC_000015.9
cg11206067	2.11E-06	3.15E-07	5.3	5.61545	9.57E-02	60936232	60936355	NC_000010.10
cg21233688	2.11E-06	3.15E-07	5.3	5.6141652	1.28E-01	134880353	134880476	NC_000005.9
cg03321133	2.11E-06	3.15E-07	5.3	5.6135761	1.08E-01	176993115	176993238	NC_000002.11
cg01073821	2.11E-06	3.15E-07	5.3	5.6135715	4.47E-02	202046548	202046671	NC_000002.11
cg19987349	2.11E-06	3.15E-07	5.3	5.6130662	4.90E-02	98993142	98993265	NC_000008.10
cg12699648	2.11E-06	3.15E-07	5.3	5.6130347	1.39E-01	24758155	24758278	NC_000013.10
cg01042465	2.11E-06	3.16E-07	5.3	5.6116563	9.23E-02	54765601	54765724	NC_000007.13
cg16811443	2.11E-06	3.16E-07	5.3	5.611601	4.62E-02	20517129	20517252	NC_000017.10
cg08871855	2.12E-06	3.16E-07	5.3	5.6101367	1.86E-01	88752285	88752408	NC_000002.11
cg00811961	2.12E-06	3.16E-07	5.3	5.6097632	8.23E-02	51685227	51685350	NC_000019.9
cg23866596	2.12E-06	3.16E-07	5.3	5.6097056	7.39E-03	96969812	96969935	NC_000006.11
cg05075454	2.12E-06	3.17E-07	5.3	5.6093712	4.59E-02	5283022	5283145	NC_000020.10
cg02931604	2.12E-06	3.17E-07	5.3	5.609264	8.71E-02	74064298	74064421	NC_000006.11
cg00076880	2.12E-06	3.17E-07	5.3	5.6087663	6.24E-02	167717196	167717319	NC_000006.11
cg01162610	2.12E-06	3.17E-07	5.3	5.6085963	6.56E-02	683450	683573	NC_000010.10
cg08630869	2.12E-06	3.17E-07	5.3	5.6081343	4.80E-02	100842115	100842238	NC_000007.13
cg10917941	2.12E-06	3.17E-07	5.3	5.6080491	7.71E-02	30296049	30296172	NC_000006.11
cg25703346	2.12E-06	3.17E-07	5.3	5.6076161	1.83E-01	154729189	154729312	NC_000002.11
cg24890716	2.12E-06	3.17E-07	5.3	5.6072029	8.67E-02	1458554	1458677	NC_000008.10

cg09984339	2.12E-06	3.17E-07	5.3	5.6071877	1.55E-01	26108674	26108797	NC_000015.9
cg05371015	2.12E-06	3.17E-07	5.3	5.6064827	2.34E-02	14473118	14473241	NC_000012.11
cg18375494	2.12E-06	3.18E-07	5.3	5.6064269	1.69E-01	134146324	134146447	NC_000011.9
cg00929798	2.12E-06	3.18E-07	5.3	5.6064134	9.02E-02	135150139	135150262	NC_000010.10
cg21818216	2.12E-06	3.18E-07	5.3	5.606386	6.78E-02	178457875	178457998	NC_000001.10
cg10803098	2.12E-06	3.18E-07	5.3	5.6062827	1.04E-01	130064137	130064260	NC_000010.10
cg19137417	2.12E-06	3.18E-07	5.3	5.6058278	6.84E-02	79362935	79363058	NC_000017.10
cg11510060	2.12E-06	3.18E-07	5.3	5.6056931	1.65E-01	330694	330817	NC_000004.11
cg11352866	2.13E-06	3.18E-07	5.3	5.6052512	1.10E-01	176057089	176057212	NC_000005.9
cg05992357	2.13E-06	3.18E-07	5.3	5.605243	1.34E-01	46670933	46671056	NC_000017.10
cg20223728	2.13E-06	3.18E-07	5.3	5.6047523	1.17E-01	6006398	6006521	NC_000006.11
cg23915282	2.13E-06	3.18E-07	5.3	5.6043222	9.06E-02	135547572	135547695	NC_000005.9
cg09355247	2.13E-06	3.19E-07	5.3	5.6032031	3.56E-02	226499634	226499757	NC_000001.10
cg13836687	2.13E-06	3.19E-07	5.3	5.6028588	7.17E-02	106662577	106662700	NC_000014.8
cg16300021	2.13E-06	3.19E-07	5.3	5.6026552	5.84E-02	169900573	169900696	NC_000005.9
cg03586879	2.13E-06	3.19E-07	5.29	5.6022509	1.09E-01	6068831	6068954	NC_000016.9
cg06832446	2.13E-06	3.19E-07	5.29	5.6018078	1.20E-01	185942701	185942824	NC_000004.11
cg14917395	2.13E-06	3.19E-07	5.29	5.6007792	1.70E-01	123300849	123300972	NC_000011.9
cg07968685	2.13E-06	3.19E-07	5.29	5.6007196	4.27E-02	170076758	170076881	NC_000006.11
cg11998703	2.14E-06	3.20E-07	5.29	5.6003468	1.40E-01	58446669	58446792	NC_000019.9
cg22444507	2.14E-06	3.20E-07	5.29	5.6000124	1.35E-01	7708805	7708928	NC_000010.10
cg19431448	2.14E-06	3.20E-07	5.29	5.5996125	1.70E-01	79383385	79383508	NC_000015.9
cg24686610	2.14E-06	3.20E-07	5.29	5.5995785	1.27E-01	147125782	147125905	NC_000003.11
cg13465393	2.14E-06	3.20E-07	5.29	5.599387	6.69E-02	91450356	91450479	NC_000011.9
cg00662556	2.14E-06	3.20E-07	5.29	5.5988821	9.95E-02	74963364	74963487	NC_000018.9



cg13347257	2.14E-06	3.20E-07	5.29	5.5987115	1.61E-01	9594151	9594274	NC_000003.11
cg11113753	2.14E-06	3.20E-07	5.29	5.598639	4.73E-02	44065383	44065506	NC_000002.11
cg08441314	2.14E-06	3.20E-07	5.29	5.5985287	7.55E-02	121446689	121446812	NC_000011.9
cg15817464	2.14E-06	3.20E-07	5.29	5.598257	5.99E-02	150227654	150227777	NC_000005.9
cg24633771	2.14E-06	3.20E-07	5.29	5.5981727	1.33E-01	104149619	104149742	NC_000008.10
cg03087937	2.14E-06	3.20E-07	5.29	5.598115	8.95E-02	26593556	26593679	NC_000011.9
cg23883409	2.14E-06	3.20E-07	5.29	5.5978545	1.79E-01	142425636	142425759	NC_000008.10
cg02413999	2.14E-06	3.21E-07	5.29	5.596813	9.01E-02	64280163	64280286	NC_000010.10
cg01310750	2.14E-06	3.21E-07	5.29	5.5962718	1.02E-01	52996548	52996671	NC_000019.9
cg00483304	2.15E-06	3.22E-07	5.29	5.5941578	1.29E-01	64976962	64977085	NC_000002.11
cg21299458	2.15E-06	3.22E-07	5.29	5.593076	7.66E-02	20779896	20780019	NC_000022.10
cg04846036	2.15E-06	3.22E-07	5.29	5.5930312	1.27E-01	8079205	8079328	NC_000010.10
cg12298955	2.15E-06	3.22E-07	5.29	5.5929985	5.04E-02	51220192	51220315	NC_000019.9
cg11875268	2.15E-06	3.22E-07	5.29	5.5922693	1.64E-02	54576025	54576148	NC_000012.11
cg00478326	2.15E-06	3.22E-07	5.29	5.5918064	8.17E-02	78978136	78978259	NC_000015.9
cg09866275	2.15E-06	3.22E-07	5.29	5.5917409	1.00E-01	77930333	77930456	NC_000016.9
cg24496978	2.15E-06	3.22E-07	5.29	5.5913499	1.29E-01	44495223	44495346	NC_000021.8
cg21431690	2.15E-06	3.23E-07	5.29	5.5912558	9.48E-02	101603932	101604055	NC_000012.11
cg08244959	2.16E-06	3.23E-07	5.29	5.5903612	8.53E-02	18434774	18434897	NC_000001.10
cg00321480	2.16E-06	3.23E-07	5.29	5.5889029	1.22E-01	143533853	143533976	NC_000008.10
cg12167335	2.16E-06	3.24E-07	5.29	5.5878233	3.85E-02	115304337	115304460	NC_000004.11
cg19229344	2.16E-06	3.24E-07	5.29	5.5877359	1.25E-01	101294643	101294766	NC_000010.10
cg01725586	2.16E-06	3.24E-07	5.29	5.5873712	1.74E-01	131513735	131513858	NC_000002.11
cg23948204	2.16E-06	3.24E-07	5.29	5.5871802	8.61E-02	145758586	145758709	NC_000005.9
cg25755283	2.16E-06	3.24E-07	5.29	5.5871798	1.48E-01	119531093	119531216	NC_000001.10

cg00962466	2.16E-06	3.24E-07	5.29	5.5869989	4.64E-02	19829406	19829529	NC_000014.8
cg00761126	2.16E-06	3.24E-07	5.29	5.5862026	6.75E-02	3195994	3196117	NC_000016.9
cg06835156	2.16E-06	3.24E-07	5.29	5.586118	7.40E-02	101131459	101131582	NC_000014.8
cg00061629	2.17E-06	3.24E-07	5.29	5.5858743	1.18E-01	44325258	44325381	NC_000011.9
cg01797434	2.17E-06	3.24E-07	5.29	5.5853058	3.01E-02	16968465	16968588	NC_000001.10
cg15558982	2.17E-06	3.24E-07	5.29	5.5853054	2.01E-01	115632262	115632385	NC_000001.10
cg14140647	2.17E-06	3.25E-07	5.29	5.5844432	1.42E-01	2848065	2848188	NC_000018.9
cg23716800	2.17E-06	3.25E-07	5.29	5.5843999	1.76E-01	183385961	183386084	NC_000001.10
cg26832879	2.17E-06	3.25E-07	5.29	5.5842678	8.81E-02	54620073	54620196	NC_000019.9
cg25593476	2.17E-06	3.25E-07	5.29	5.5841118	5.06E-02	4233264	4233387	NC_000020.10
cg15515258	2.17E-06	3.26E-07	5.29	5.5821835	1.27E-01	112728932	112729055	NC_000013.10
cg01869243	2.17E-06	3.26E-07	5.29	5.5821054	1.38E-01	233350363	233350486	NC_000002.11
cg06043114	2.17E-06	3.26E-07	5.29	5.5818596	1.89E-01	115632455	115632578	NC_000001.10
cg15509687	2.17E-06	3.26E-07	5.29	5.5817929	1.31E-01	56887651	56887774	NC_000018.9
cg12281328	2.18E-06	3.26E-07	5.29	5.5807114	9.64E-02	149681703	149681826	NC_000005.9
cg23572163	2.18E-06	3.26E-07	5.29	5.5799506	8.19E-02	17083727	17083850	NC_000022.10
cg03196269	2.18E-06	3.26E-07	5.29	5.5797082	1.70E-01	1265635	1265758	NC_000007.13
cg27471989	2.18E-06	3.27E-07	5.29	5.5792614	9.13E-02	84326435	84326558	NC_000016.9
cg00418027	2.18E-06	3.27E-07	5.29	5.5792315	1.42E-01	96716998	96717121	NC_000009.11
cg10366178	2.18E-06	3.27E-07	5.29	5.5789937	1.25E-01	13323866	13323989	NC_000003.11
cg06843889	2.18E-06	3.27E-07	5.29	5.5778413	1.59E-01	42949542	42949665	NC_000005.9
cg03863817	2.18E-06	3.27E-07	5.29	5.5770838	5.24E-02	96495925	96496048	NC_000003.11
cg13804571	2.18E-06	3.27E-07	5.29	5.5769232	4.79E-02	99525565	99525688	NC_000010.10
cg10511904	2.18E-06	3.27E-07	5.29	5.5765652	1.57E-01	192127327	192127450	NC_000003.11
cg15204912	2.19E-06	3.28E-07	5.29	5.5760492	2.64E-02	60784362	60784485	NC_000017.10

cg22781950	2.19E-06	3.28E-07	5.29	5.5756653	1.17E-01	131200532	131200655	NC_000012.11
cg13945265	2.19E-06	3.28E-07	5.29	5.5755727	8.94E-02	17802512	17802635	NC_000005.9
cg14952237	2.19E-06	3.28E-07	5.29	5.5749131	5.86E-02	130132790	130132913	NC_000007.13
cg26460471	2.19E-06	3.28E-07	5.29	5.5747303	1.54E-01	56887271	56887394	NC_000018.9
cg27103130	2.19E-06	3.28E-07	5.29	5.5745154	1.25E-01	49926748	49926871	NC_000019.9
cg23271057	2.20E-06	3.29E-07	5.29	5.5713719	4.20E-02	32944354	32944477	NC_000006.11
cg10792302	2.20E-06	3.29E-07	5.29	5.5707589	1.24E-01	54376019	54376142	NC_000012.11
cg05638929	2.20E-06	3.30E-07	5.29	5.5701487	1.37E-01	102508633	102508756	NC_000010.10
cg07808231	2.20E-06	3.30E-07	5.29	5.5695494	7.08E-02	41111347	41111470	NC_000019.9
cg23164938	2.20E-06	3.30E-07	5.29	5.5694966	1.35E-01	152128366	152128489	NC_000006.11
cg25887619	2.20E-06	3.30E-07	5.29	5.569439	4.67E-02	101558435	101558558	NC_000007.13
cg17011300	2.20E-06	3.30E-07	5.29	5.5694056	9.00E-02	217260830	217260953	NC_000001.10
cg15453392	2.20E-06	3.30E-07	5.29	5.5691214	1.30E-01	117715495	117715618	NC_000003.11
cg05269845	2.20E-06	3.30E-07	5.29	5.5689259	1.05E-01	690059	690182	NC_000008.10
cg16999370	2.20E-06	3.30E-07	5.29	5.5688724	1.33E-01	122302232	122302355	NC_000004.11
cg02047221	2.20E-06	3.30E-07	5.29	5.5675686	3.73E-02	49686805	49686928	NC_000003.11
cg23980859	2.21E-06	3.31E-07	5.29	5.5666076	8.24E-02	55844285	55844408	NC_000001.10
cg20724189	2.21E-06	3.31E-07	5.29	5.5661995	1.08E-02	85568918	85569041	NC_000002.11
cg18363192	2.21E-06	3.31E-07	5.29	5.5658275	1.66E-01	31831434	31831557	NC_000006.11
cg20064455	2.21E-06	3.31E-07	5.29	5.5654899	1.19E-01	116962950	116963073	NC_000007.13
cg04493430	2.21E-06	3.31E-07	5.29	5.5650679	8.23E-02	1030388	1030511	NC_000016.9
cg26921482	2.21E-06	3.31E-07	5.29	5.5649623	9.81E-02	2570283	2570406	NC_000016.9
cg19889376	2.21E-06	3.32E-07	5.29	5.5644695	1.03E-01	20681529	20681652	NC_000013.10
cg13788819	2.21E-06	3.32E-07	5.29	5.5641759	9.61E-02	31352228	31352351	NC_000020.10
cg24344143	2.21E-06	3.32E-07	5.29	5.5641639	4.77E-02	26050161	26050284	NC_000008.10

cg10471944	2.21E-06	3.32E-07	5.29	5.5639864	6.86E-02	157345246	157345369	NC_000007.13
cg07908654	2.21E-06	3.32E-07	5.29	5.5638315	1.46E-01	41631052	41631175	NC_000013.10
cg00378999	2.21E-06	3.32E-07	5.29	5.5636168	8.47E-02	3246380	3246503	NC_000011.9
cg00982952	2.21E-06	3.32E-07	5.29	5.5619868	8.27E-02	74638278	74638401	NC_000016.9
cg12467264	2.22E-06	3.33E-07	5.29	5.5613868	1.27E-01	175200071	175200194	NC_000005.9
cg15245631	2.22E-06	3.33E-07	5.29	5.5611369	3.70E-02	23990319	23990442	NC_000003.11
cg11259591	2.22E-06	3.33E-07	5.29	5.561099	6.39E-02	111653746	111653869	NC_000011.9
cg25030388	2.22E-06	3.33E-07	5.29	5.5610448	1.34E-01	32906205	32906328	NC_000017.10
cg25621466	2.22E-06	3.33E-07	5.29	5.5606769	2.47E-02	202992890	202993013	NC_000001.10
cg00377695	2.22E-06	3.33E-07	5.29	5.5605771	9.37E-02	117667189	117667312	NC_000011.9
cg22152492	2.22E-06	3.33E-07	5.29	5.5588939	9.09E-02	28554334	28554457	NC_000006.11
cg00220335	2.22E-06	3.34E-07	5.29	5.5581869	7.90E-02	1343783	1343906	NC_000005.9
cg03209530	2.22E-06	3.34E-07	5.29	5.5575958	4.85E-02	18646874	18646997	NC_000017.10
cg26364809	2.22E-06	3.34E-07	5.29	5.5571969	7.36E-02	27145159	27145282	NC_000007.13
cg20184247	2.23E-06	3.34E-07	5.29	5.5571042	1.14E-01	46672052	46672175	NC_000017.10
cg02610064	2.23E-06	3.34E-07	5.29	5.5570648	9.49E-02	67179310	67179433	NC_000011.9
cg05758434	2.23E-06	3.34E-07	5.29	5.5568345	9.18E-02	207139471	207139594	NC_000002.11
cg02523844	2.23E-06	3.34E-07	5.29	5.5565562	1.92E-01	79083507	79083630	NC_000007.13
cg08992872	2.23E-06	3.35E-07	5.28	5.5554232	1.42E-01	91095058	91095181	NC_000008.10
cg13980570	2.23E-06	3.35E-07	5.28	5.5553022	1.47E-01	1705405	1705528	NC_000007.13
cg11999002	2.23E-06	3.35E-07	5.28	5.5550925	7.81E-02	134728762	134728885	NC_000002.11
cg14659404	2.23E-06	3.35E-07	5.28	5.5547982	1.60E-01	177134019	177134142	NC_000001.10
cg07285213	2.23E-06	3.35E-07	5.28	5.5542318	8.86E-02	1292339	1292462	NC_000005.9
cg11073104	2.23E-06	3.35E-07	5.28	5.5537966	2.73E-02	39643353	39643476	NC_000021.8
cg06593237	2.23E-06	3.35E-07	5.28	5.5536567	2.57E-02	134642951	134643074	NC_000005.9

cg08647685	2.23E-06	3.35E-07	5.28	5.5535011	3.61E-02	43469434	43469557	NC_000001.10
cg18646365	2.23E-06	3.35E-07	5.28	5.5533997	1.16E-01	78632081	78632204	NC_000015.9
cg24919790	2.24E-06	3.36E-07	5.28	5.5524575	1.30E-01	90967918	90968041	NC_000010.10
cg18702998	2.24E-06	3.36E-07	5.28	5.5519264	7.80E-02	10623852	10623975	NC_000005.9
cg03459791	2.24E-06	3.36E-07	5.28	5.5514419	1.16E-01	15244441	15244564	NC_000017.10
cg22852065	2.24E-06	3.36E-07	5.28	5.5510567	1.11E-01	52942997	52943120	NC_000004.11
cg17185921	2.24E-06	3.36E-07	5.28	5.5510512	7.70E-02	28946749	28946872	NC_000006.11
cg14578262	2.24E-06	3.36E-07	5.28	5.5506207	9.74E-02	71155577	71155700	NC_000005.9
cg19448644	2.24E-06	3.36E-07	5.28	5.5504274	9.81E-02	50844676	50844799	NC_000003.11
cg03050096	2.24E-06	3.36E-07	5.28	5.5503339	6.17E-02	101530580	101530703	NC_000014.8
cg22682739	2.24E-06	3.37E-07	5.28	5.5499438	5.21E-02	127292275	127292398	NC_000003.11
cg05483509	2.24E-06	3.37E-07	5.28	5.5497177	1.22E-01	2563435	2563558	NC_000016.9
cg22998959	2.24E-06	3.37E-07	5.28	5.5494224	9.34E-02	74877005	74877128	NC_000006.11
cg15324865	2.24E-06	3.37E-07	5.28	5.5489556	1.00E-01	246414665	246414788	NC_000001.10
cg06448090	2.24E-06	3.37E-07	5.28	5.548493	7.79E-02	13424135	13424258	NC_000008.10
cg15604182	2.25E-06	3.37E-07	5.28	5.5477075	5.77E-02	62687964	62688087	NC_000002.11
cg14348741	2.25E-06	3.37E-07	5.28	5.5475461	1.39E-01	139880223	139880346	NC_000009.11
cg06706670	2.25E-06	3.37E-07	5.28	5.5475426	2.89E-02	19516358	19516481	NC_000001.10
cg11930400	2.25E-06	3.37E-07	5.28	5.5472344	1.21E-01	111533883	111534006	NC_000004.11
cg05281221	2.25E-06	3.38E-07	5.28	5.546973	1.36E-01	43600303	43600426	NC_000011.9
cg20609302	2.25E-06	3.38E-07	5.28	5.54603	8.28E-02	96905576	96905699	NC_000015.9
cg18435000	2.25E-06	3.38E-07	5.28	5.545966	9.07E-02	249109	249232	NC_000012.11
cg21889472	2.25E-06	3.38E-07	5.28	5.5451731	1.39E-01	42992555	42992678	NC_000005.9
cg00098286	2.25E-06	3.38E-07	5.28	5.5449351	9.89E-02	118404628	118404751	NC_000010.10
cg21022949	2.25E-06	3.38E-07	5.28	5.5444267	2.61E-02	231809697	231809820	NC_000002.11

cg04829364	2.25E-06	3.39E-07	5.28	5.5441839	6.28E-02	131615325	131615448	NC_000012.11
cg00336150	2.25E-06	3.39E-07	5.28	5.5439345	1.65E-01	118981150	118981273	NC_000002.11
cg25054390	2.25E-06	3.39E-07	5.28	5.543859	8.45E-02	91720372	91720495	NC_000014.8
cg11200917	2.25E-06	3.39E-07	5.28	5.5435554	1.16E-01	151305111	151305234	NC_000005.9
cg06713632	2.25E-06	3.39E-07	5.28	5.5430392	1.20E-01	49576056	49576179	NC_000019.9
cg06285340	2.26E-06	3.39E-07	5.28	5.5427428	1.07E-01	74659901	74660024	NC_000015.9
cg04027781	2.26E-06	3.39E-07	5.28	5.5424281	4.32E-02	133219074	133219197	NC_000012.11
cg24273728	2.26E-06	3.40E-07	5.28	5.5413785	6.98E-02	105221308	105221431	NC_000003.11
cg23765153	2.26E-06	3.40E-07	5.28	5.5413705	2.35E-02	23357876	23357999	NC_000020.10
cg18691434	2.26E-06	3.40E-07	5.28	5.5412982	1.07E-01	99775425	99775548	NC_000007.13
cg19282928	2.26E-06	3.40E-07	5.28	5.5402553	3.18E-02	241570341	241570464	NC_000002.11
cg10277548	2.26E-06	3.40E-07	5.28	5.53995	5.48E-02	17517062	17517185	NC_000022.10
cg20693209	2.26E-06	3.40E-07	5.28	5.5399472	1.29E-01	13984067	13984190	NC_000011.9
cg14201617	2.26E-06	3.40E-07	5.28	5.5395872	5.92E-02	47382452	47382575	NC_000002.11
cg04583874	2.26E-06	3.40E-07	5.28	5.5394587	1.52E-01	144242268	144242391	NC_000008.10
cg27275352	2.26E-06	3.40E-07	5.28	5.5388403	1.49E-01	19652066	19652189	NC_000019.9
cg00973115	2.26E-06	3.41E-07	5.28	5.538436	4.86E-02	105965156	105965279	NC_000014.8
cg13816414	2.27E-06	3.41E-07	5.28	5.5381584	5.39E-02	130935796	130935919	NC_000012.11
cg12503267	2.27E-06	3.41E-07	5.28	5.5380018	1.11E-01	176963315	176963438	NC_000002.11
cg00584026	2.27E-06	3.41E-07	5.28	5.536108	1.96E-01	942342	942465	NC_000004.11
cg25530246	2.27E-06	3.41E-07	5.28	5.5360377	8.33E-02	110960563	110960686	NC_000013.10
cg08256691	2.27E-06	3.42E-07	5.28	5.5357347	1.02E-01	155881846	155881969	NC_000001.10
cg07179075	2.27E-06	3.42E-07	5.28	5.5353202	6.85E-02	97706031	97706154	NC_000001.10
cg02393845	2.27E-06	3.42E-07	5.28	5.5353158	1.30E-01	197887438	197887561	NC_000001.10
cg16092370	2.27E-06	3.42E-07	5.28	5.5349037	6.16E-02	135285974	135286097	NC_000005.9

cg02367930	2.27E-06	3.42E-07	5.28	5.5342858	1.65E-01	32930938	32931061	NC_000021.8
cg20097440	2.28E-06	3.42E-07	5.28	5.5333389	1.61E-01	72374969	72375092	NC_000002.11
cg16797300	2.28E-06	3.43E-07	5.28	5.5326559	1.21E-01	89942816	89942939	NC_000015.9
cg00394180	2.28E-06	3.43E-07	5.28	5.5324758	1.07E-01	97167170	97167293	NC_000008.10
cg05460980	2.28E-06	3.43E-07	5.28	5.5324065	1.22E-01	25946657	25946780	NC_000013.10
cg11297107	2.28E-06	3.43E-07	5.28	5.5317155	1.54E-01	38924319	38924442	NC_000019.9
cg06597462	2.28E-06	3.43E-07	5.28	5.5314488	1.18E-01	155243251	155243374	NC_000007.13
cg13347970	2.28E-06	3.43E-07	5.28	5.5304703	1.21E-01	137809630	137809753	NC_000006.11
cg20240736	2.28E-06	3.44E-07	5.28	5.529425	7.55E-02	5597285	5597408	NC_000019.9
cg18891915	2.29E-06	3.44E-07	5.28	5.5292091	2.76E-02	1962145	1962268	NC_000016.9
cg16615954	2.29E-06	3.44E-07	5.28	5.5289038	9.82E-02	31820441	31820564	NC_000011.9
cg13524919	2.29E-06	3.44E-07	5.28	5.5288534	1.01E-01	34396506	34396629	NC_000021.8
cg10077410	2.29E-06	3.44E-07	5.28	5.5286643	7.71E-02	79096751	79096874	NC_000015.9
cg08853659	2.29E-06	3.45E-07	5.28	5.5267365	1.66E-01	139654245	139654368	NC_000003.11
cg03323292	2.29E-06	3.45E-07	5.28	5.5266559	2.02E-01	134146132	134146255	NC_000011.9
cg11654662	2.29E-06	3.45E-07	5.28	5.5261967	6.88E-02	18264018	18264141	NC_000017.10
cg08712336	2.30E-06	3.45E-07	5.28	5.5246924	8.22E-02	168464351	168464474	NC_000005.9
cg08608727	2.30E-06	3.46E-07	5.28	5.5242724	1.03E-01	111799994	111800117	NC_000012.11
cg13847137	2.30E-06	3.46E-07	5.28	5.5237863	5.33E-02	6380703	6380826	NC_000004.11
cg15469655	2.30E-06	3.46E-07	5.28	5.523715	8.03E-02	33245094	33245217	NC_000003.11
cg01017926	2.30E-06	3.46E-07	5.28	5.5235885	3.26E-02	30581228	30581351	NC_000016.9
cg21215325	2.30E-06	3.46E-07	5.28	5.5235008	9.15E-02	35178803	35178926	NC_000015.9
cg22187354	2.30E-06	3.46E-07	5.28	5.5225832	1.27E-01	64480312	64480435	NC_000011.9
cg05134775	2.30E-06	3.46E-07	5.28	5.5223269	1.52E-02	98273510	98273633	NC_000010.10
cg06820621	2.30E-06	3.46E-07	5.28	5.5217686	1.31E-01	92938232	92938355	NC_000005.9

cg16363874	2.30E-06	3.47E-07	5.28	5.5211063	2.01E-02	26564986	26565109	NC_000001.10
cg12486913	2.30E-06	3.47E-07	5.28	5.5207362	1.16E-01	159870915	159871038	NC_000001.10
cg20809378	2.30E-06	3.47E-07	5.28	5.5207297	1.76E-01	43569555	43569678	NC_000011.9
cg08642081	2.30E-06	3.47E-07	5.28	5.5206279	4.15E-02	75293457	75293580	NC_000011.9
cg02285791	2.31E-06	3.47E-07	5.28	5.5199054	1.28E-01	27550747	27550870	NC_000006.11
cg01482958	2.31E-06	3.47E-07	5.28	5.5193573	9.06E-02	85357136	85357259	NC_000001.10
cg16519487	2.31E-06	3.47E-07	5.28	5.5192317	6.41E-02	20876063	20876186	NC_000013.10
cg02294870	2.31E-06	3.48E-07	5.28	5.518493	6.25E-02	41479663	41479786	NC_000017.10
cg17525428	2.31E-06	3.48E-07	5.28	5.5177185	1.17E-01	51197463	51197586	NC_000019.9
cg14702132	2.31E-06	3.48E-07	5.28	5.5174908	1.91E-02	31924498	31924621	NC_000006.11
cg02967616	2.31E-06	3.48E-07	5.28	5.5167627	5.76E-02	212871130	212871253	NC_000001.10
cg24058407	2.31E-06	3.48E-07	5.28	5.5167286	5.18E-02	57428282	57428405	NC_000020.10
cg04445871	2.31E-06	3.48E-07	5.28	5.5163769	1.14E-01	137480750	137480873	NC_000003.11
cg00000165	2.32E-06	3.49E-07	5.28	5.5155889	1.39E-01	91194674	91194797	NC_000001.10
cg26821634	2.32E-06	3.49E-07	5.28	5.5155131	6.35E-02	33558536	33558659	NC_000019.9
cg16925003	2.32E-06	3.49E-07	5.28	5.5154501	2.37E-02	1684003	1684126	NC_000002.11
cg23460851	2.32E-06	3.49E-07	5.28	5.5154376	5.45E-02	1604456	1604579	NC_000004.11
cg12598338	2.32E-06	3.49E-07	5.28	5.5154091	1.12E-01	28368172	28368295	NC_000013.10
cg16391678	2.32E-06	3.49E-07	5.28	5.5154072	8.27E-02	30485597	30485720	NC_000016.9
cg02577267	2.32E-06	3.49E-07	5.28	5.5151017	8.84E-02	240656513	240656636	NC_000001.10
cg16819028	2.32E-06	3.49E-07	5.28	5.5147285	2.85E-02	201251982	201252105	NC_000001.10
cg03162994	2.32E-06	3.49E-07	5.28	5.5140022	9.55E-02	23713729	23713852	NC_000018.9
cg21009747	2.32E-06	3.49E-07	5.28	5.5139323	4.49E-02	36681341	36681464	NC_000022.10
cg09842237	2.32E-06	3.49E-07	5.28	5.5138324	1.21E-01	51189844	51189967	NC_000016.9
cg19102771	2.32E-06	3.49E-07	5.28	5.513392	1.31E-01	223166909	223167032	NC_000002.11



cg14598338	2.32E-06	3.50E-07	5.28	5.5131267	7.99E-02	96623480	96623603	NC_000009.11
cg09482386	2.32E-06	3.50E-07	5.28	5.512759	4.53E-02	61521552	61521675	NC_000017.10
cg07279802	2.32E-06	3.50E-07	5.28	5.5117585	3.58E-02	42701042	42701165	NC_000003.11
cg24718722	2.33E-06	3.50E-07	5.28	5.5111615	1.14E-01	129536818	129536941	NC_000010.10
cg21546522	2.33E-06	3.50E-07	5.28	5.5109639	1.23E-01	234667549	234667672	NC_000001.10
cg09429847	2.33E-06	3.50E-07	5.28	5.5109294	7.57E-02	241629829	241629952	NC_000002.11
cg23296010	2.33E-06	3.51E-07	5.28	5.5104401	1.92E-01	37997817	37997940	NC_000019.9
cg17520712	2.33E-06	3.51E-07	5.28	5.5102882	6.67E-02	75491477	75491600	NC_000010.10
cg02549834	2.33E-06	3.51E-07	5.28	5.5100912	3.27E-02	49164913	49165036	NC_000019.9
cg03634777	2.33E-06	3.51E-07	5.27	5.5097048	5.61E-02	160512657	160512780	NC_000006.11
cg11747462	2.33E-06	3.51E-07	5.27	5.509282	1.06E-01	132869600	132869723	NC_000011.9
cg21613754	2.33E-06	3.51E-07	5.27	5.5090004	8.80E-02	219133847	219133970	NC_000002.11
cg03127558	2.33E-06	3.51E-07	5.27	5.5083238	1.14E-01	49223278	49223401	NC_000019.9
cg15829088	2.33E-06	3.51E-07	5.27	5.5079185	1.16E-01	247802935	247803058	NC_000001.10
cg08082862	2.33E-06	3.52E-07	5.27	5.5077391	8.55E-02	67807580	67807703	NC_000016.9
cg03244560	2.33E-06	3.52E-07	5.27	5.5073226	8.83E-02	25909171	25909294	NC_000008.10
cg25784308	2.33E-06	3.52E-07	5.27	5.50695	1.40E-01	131513216	131513339	NC_000002.11
cg25750714	2.33E-06	3.52E-07	5.27	5.5067274	8.97E-02	131631686	131631809	NC_000010.10
cg23023937	2.34E-06	3.52E-07	5.27	5.5064289	1.13E-01	133999758	133999881	NC_000010.10
cg21785010	2.34E-06	3.52E-07	5.27	5.5053253	1.49E-01	901035	901158	NC_000006.11
cg06365607	2.34E-06	3.53E-07	5.27	5.5047151	5.34E-02	43126988	43127111	NC_000008.10
cg07750118	2.34E-06	3.53E-07	5.27	5.5036884	1.94E-02	41630815	41630938	NC_000019.9
cg12475142	2.34E-06	3.53E-07	5.27	5.503443	1.28E-01	79012396	79012519	NC_000017.10
cg23464698	2.34E-06	3.53E-07	5.27	5.5030872	1.56E-01	23822265	23822388	NC_000014.8
cg01304894	2.34E-06	3.53E-07	5.27	5.5029835	3.65E-02	70715140	70715263	NC_000016.9

cg24286220	2.34E-06	3.53E-07	5.27	5.502727	2.77E-02	94290258	94290381	NC_000011.9
cg13384816	2.34E-06	3.53E-07	5.27	5.5025313	6.14E-02	11728558	11728681	NC_000008.10
cg26294431	2.34E-06	3.54E-07	5.27	5.5022816	1.24E-01	213400869	213400992	NC_000002.11
cg14798032	2.35E-06	3.54E-07	5.27	5.5018076	6.08E-02	132936591	132936714	NC_000012.11
cg00902847	2.35E-06	3.54E-07	5.27	5.5017843	1.43E-01	192445514	192445637	NC_000003.11
cg02265922	2.35E-06	3.54E-07	5.27	5.5010877	7.22E-02	3477168	3477291	NC_000001.10
cg12270813	2.35E-06	3.54E-07	5.27	5.5000883	3.01E-02	1473370	1473493	NC_000001.10
cg00039147	2.35E-06	3.54E-07	5.27	5.4996252	5.19E-02	35194628	35194751	NC_000017.10
cg24377729	2.35E-06	3.55E-07	5.27	5.4995506	5.49E-02	7806066	7806189	NC_000019.9
cg08324612	2.35E-06	3.55E-07	5.27	5.4994026	8.45E-02	1030521	1030644	NC_000008.10
cg07003632	2.35E-06	3.55E-07	5.27	5.4991808	1.47E-01	100259329	100259452	NC_000014.8
cg14021961	2.35E-06	3.55E-07	5.27	5.4988725	8.06E-02	16348752	16348875	NC_000001.10
cg22605822	2.35E-06	3.55E-07	5.27	5.4980163	2.75E-02	31367822	31367945	NC_000020.10
cg10020546	2.35E-06	3.55E-07	5.27	5.4976833	4.44E-02	111295081	111295204	NC_000013.10
cg20142672	2.36E-06	3.56E-07	5.27	5.4967315	7.39E-02	21324833	21324956	NC_000019.9
cg06026129	2.36E-06	3.56E-07	5.27	5.4962428	8.43E-02	822355	822478	NC_000019.9
cg02021288	2.36E-06	3.56E-07	5.27	5.4956585	6.47E-02	11435867	11435990	NC_000016.9
cg21052682	2.36E-06	3.56E-07	5.27	5.4955941	1.28E-01	69518197	69518320	NC_000011.9
cg21277452	2.36E-06	3.56E-07	5.27	5.4955463	4.33E-02	28829340	28829463	NC_000006.11
cg07459252	2.36E-06	3.56E-07	5.27	5.4953207	1.58E-01	37130212	37130335	NC_000014.8
cg15825731	2.36E-06	3.56E-07	5.27	5.494564	1.30E-01	224805753	224805876	NC_000001.10
cg09510339	2.36E-06	3.56E-07	5.27	5.4944353	8.09E-02	105858013	105858136	NC_000002.11
cg08323832	2.36E-06	3.57E-07	5.27	5.4941037	1.80E-02	9057783	9057906	NC_000016.9
cg25819424	2.37E-06	3.57E-07	5.27	5.4922429	7.39E-02	2797964	2798087	NC_000017.10
cg14156905	2.37E-06	3.57E-07	5.27	5.4918942	1.04E-01	17193979	17194102	NC_000001.10

cg13228701	2.37E-06	3.57E-07	5.27	5.4916037	7.14E-02	78614522	78614645	NC_000011.9
cg01382414	2.37E-06	3.58E-07	5.27	5.4908514	1.05E-01	176056675	176056798	NC_000005.9
cg02386403	2.37E-06	3.58E-07	5.27	5.4906968	1.44E-01	1390998	1391121	NC_000006.11
cg07211212	2.37E-06	3.58E-07	5.27	5.489527	1.56E-01	55200146	55200269	NC_000020.10
cg24607859	2.37E-06	3.58E-07	5.27	5.4891409	1.03E-01	91937265	91937388	NC_000002.11
cg03511041	2.37E-06	3.58E-07	5.27	5.488846	1.27E-01	61808126	61808249	NC_000020.10
cg01641835	2.38E-06	3.59E-07	5.27	5.4878634	2.45E-02	53095567	53095690	NC_000017.10
cg26525592	2.38E-06	3.59E-07	5.27	5.4869682	1.15E-01	134916398	134916521	NC_000005.9
cg23233404	2.38E-06	3.59E-07	5.27	5.4869006	1.40E-01	10887587	10887710	NC_000006.11
cg11131532	2.38E-06	3.59E-07	5.27	5.4865314	1.60E-01	48099323	48099446	NC_000020.10
cg11610626	2.38E-06	3.60E-07	5.27	5.4859248	9.80E-02	128222053	128222176	NC_000006.11
cg22855020	2.38E-06	3.60E-07	5.27	5.4852348	1.68E-01	42356731	42356854	NC_000008.10
cg00594408	2.38E-06	3.60E-07	5.27	5.485014	9.36E-02	29595349	29595472	NC_000006.11
cg11071242	2.38E-06	3.60E-07	5.27	5.4844681	2.37E-02	33654980	33655103	NC_000021.8
cg27543103	2.38E-06	3.60E-07	5.27	5.4843605	8.71E-02	54975677	54975800	NC_000004.11
cg10541864	2.39E-06	3.61E-07	5.27	5.4830461	1.61E-01	174450722	174450845	NC_000004.11
cg24456654	2.39E-06	3.61E-07	5.27	5.4829807	1.08E-01	41754125	41754248	NC_000004.11
cg00375819	2.39E-06	3.61E-07	5.27	5.482799	1.09E-01	11033866	11033989	NC_000003.11
cg16709734	2.39E-06	3.61E-07	5.27	5.4827721	1.15E-01	27229062	27229185	NC_000007.13
cg17485988	2.39E-06	3.61E-07	5.27	5.4824805	8.02E-02	52738966	52739089	NC_000007.13
cg15679052	2.39E-06	3.61E-07	5.27	5.4821156	1.24E-01	77749199	77749322	NC_000017.10
cg25773199	2.39E-06	3.61E-07	5.27	5.4818115	6.74E-02	6131834	6131957	NC_000001.10
cg24431372	2.39E-06	3.61E-07	5.27	5.4817146	8.09E-02	112494836	112494959	NC_000003.11
cg14977938	2.39E-06	3.61E-07	5.27	5.481376	1.03E-01	104190829	104190952	NC_000014.8
cg14214797	2.39E-06	3.61E-07	5.27	5.4812343	1.06E-01	91860613	91860736	NC_000014.8

cg00698908	2.39E-06	3.61E-07	5.27	5.4811617	1.08E-01	128750971	128751094	NC_000012.11
cg10377690	2.39E-06	3.61E-07	5.27	5.4809473	4.38E-02	80898550	80898673	NC_000015.9
cg11549265	2.39E-06	3.61E-07	5.27	5.4807828	9.17E-02	26988177	26988300	NC_000006.11
cg24942465	2.39E-06	3.62E-07	5.27	5.4802414	3.59E-02	104580693	104580816	NC_000007.13
cg07778983	2.39E-06	3.62E-07	5.27	5.4801465	8.64E-02	56905383	56905506	NC_000019.9
cg19384531	2.39E-06	3.62E-07	5.27	5.4801315	1.18E-01	50692252	50692375	NC_000006.11
cg22527793	2.40E-06	3.62E-07	5.27	5.4790777	1.10E-01	55367466	55367589	NC_000008.10
cg26224223	2.40E-06	3.62E-07	5.27	5.4782938	1.21E-01	31840737	31840860	NC_000019.9
cg09422574	2.40E-06	3.63E-07	5.27	5.477563	2.82E-02	127006605	127006728	NC_000003.11
cg03320827	2.40E-06	3.63E-07	5.27	5.4766437	1.16E-01	10887367	10887490	NC_000006.11
cg12623422	2.40E-06	3.63E-07	5.27	5.4763226	8.81E-02	77737749	77737872	NC_000014.8
cg22870667	2.41E-06	3.64E-07	5.27	5.4752179	3.33E-02	521182	521305	NC_000008.10
cg08775137	2.41E-06	3.64E-07	5.27	5.4749246	9.78E-02	41880319	41880442	NC_000004.11
cg09123473	2.41E-06	3.64E-07	5.27	5.4747159	1.35E-01	56234826	56234949	NC_000017.10
cg10265016	2.41E-06	3.64E-07	5.27	5.474431	1.11E-01	18061319	18061442	NC_000002.11
cg16764564	2.41E-06	3.64E-07	5.27	5.4741396	6.09E-02	70133390	70133513	NC_000015.9
cg17582411	2.41E-06	3.64E-07	5.27	5.4739872	5.01E-02	77458542	77458665	NC_000017.10
cg19092981	2.41E-06	3.64E-07	5.27	5.4739145	1.33E-01	19751654	19751777	NC_000022.10
cg18328933	2.41E-06	3.64E-07	5.27	5.4732793	6.86E-02	52008538	52008661	NC_000003.11
cg22000727	2.41E-06	3.65E-07	5.27	5.4717247	8.94E-02	3459199	3459322	NC_000006.11
cg05575273	2.41E-06	3.65E-07	5.27	5.4715824	6.21E-02	166128575	166128698	NC_000006.11
cg03644034	2.41E-06	3.65E-07	5.27	5.4714343	7.55E-02	16229964	16230087	NC_000006.11
cg01018477	2.41E-06	3.65E-07	5.27	5.4712903	9.04E-02	172658226	172658349	NC_000005.9
cg27112666	2.42E-06	3.65E-07	5.27	5.4702283	1.17E-01	100050791	100050914	NC_000006.11
cg14663451	2.42E-06	3.65E-07	5.27	5.4700267	1.02E-01	32504919	32505042	NC_000008.10

cg06418959	2.42E-06	3.66E-07	5.27	5.4685043	1.30E-01	161275436	161275559	NC_000005.9
cg18313340	2.42E-06	3.66E-07	5.27	5.4680555	1.29E-01	112760898	112761021	NC_000013.10
cg26389727	2.42E-06	3.66E-07	5.27	5.4677995	1.48E-01	28510283	28510406	NC_000006.11
cg27185976	2.42E-06	3.66E-07	5.27	5.4677524	5.98E-02	1472161	1472284	NC_000008.10
cg16112904	2.43E-06	3.67E-07	5.27	5.4666254	4.40E-02	106015656	106015779	NC_000014.8
cg05010929	2.43E-06	3.67E-07	5.27	5.4658156	9.22E-02	73967004	73967127	NC_000002.11
cg09221960	2.43E-06	3.67E-07	5.27	5.4657879	5.13E-02	120434710	120434833	NC_000011.9
cg16336127	2.43E-06	3.67E-07	5.27	5.4657714	1.18E-01	76941173	76941296	NC_000005.9
cg21028402	2.43E-06	3.67E-07	5.27	5.4655932	1.27E-01	113932902	113933025	NC_000006.11
cg02768048	2.43E-06	3.67E-07	5.27	5.4652352	3.08E-02	95166697	95166820	NC_000005.9
cg20439889	2.43E-06	3.68E-07	5.27	5.4644829	1.02E-01	34175554	34175677	NC_000019.9
cg11467291	2.43E-06	3.68E-07	5.27	5.4643454	4.84E-02	1143520	1143643	NC_000005.9
cg03352776	2.43E-06	3.68E-07	5.27	5.4640831	1.36E-01	111471309	111471432	NC_000012.11
cg05085809	2.43E-06	3.68E-07	5.27	5.464014	1.64E-01	46671083	46671206	NC_000017.10
cg21545902	2.43E-06	3.68E-07	5.26	5.4636833	1.11E-01	33590083	33590206	NC_000013.10
cg02527669	2.43E-06	3.68E-07	5.26	5.4634471	1.99E-01	220417030	220417153	NC_000002.11
cg03041617	2.43E-06	3.68E-07	5.26	5.4630987	4.00E-02	2695410	2695533	NC_000007.13
cg21412973	2.43E-06	3.68E-07	5.26	5.4630737	1.04E-01	1408557	1408680	NC_000004.11
cg20680265	2.44E-06	3.69E-07	5.26	5.4619397	8.99E-02	70194602	70194725	NC_000007.13
cg00638574	2.44E-06	3.69E-07	5.26	5.4618095	8.57E-02	209956565	209956688	NC_000001.10
cg11335203	2.44E-06	3.69E-07	5.26	5.4616867	2.30E-02	6398594	6398717	NC_000001.10
cg11201710	2.44E-06	3.69E-07	5.26	5.4609779	1.33E-01	192232468	192232591	NC_000003.11
cg10412384	2.44E-06	3.69E-07	5.26	5.4609775	1.84E-02	21358666	21358789	NC_000016.9
cg21380625	2.44E-06	3.69E-07	5.26	5.4609696	6.61E-02	140176585	140176708	NC_000005.9
cg26732808	2.44E-06	3.69E-07	5.26	5.4605782	1.02E-01	167704769	167704892	NC_000006.11

cg06520675	2.44E-06	3.69E-07	5.26	5.4598518	1.22E-01	102996310	102996433	NC_000010.10
cg08197287	2.44E-06	3.69E-07	5.26	5.4597475	1.01E-01	87952173	87952296	NC_000004.11
cg00938816	2.44E-06	3.70E-07	5.26	5.4592046	7.34E-02	8058149	8058272	NC_000017.10
cg12191107	2.44E-06	3.70E-07	5.26	5.4591637	5.27E-02	88297591	88297714	NC_000006.11
cg08121117	2.44E-06	3.70E-07	5.26	5.4587009	6.84E-02	112575735	112575858	NC_000013.10
cg21205222	2.44E-06	3.70E-07	5.26	5.458491	7.19E-02	143876783	143876906	NC_000008.10
cg06495401	2.45E-06	3.70E-07	5.26	5.4579344	5.04E-02	109559412	109559535	NC_000002.11
cg24058604	2.45E-06	3.70E-07	5.26	5.4579286	1.39E-01	27142437	27142560	NC_000007.13
cg00883210	2.45E-06	3.70E-07	5.26	5.4575331	3.43E-02	3565646	3565769	NC_000004.11
cg14395298	2.45E-06	3.70E-07	5.26	5.456902	1.27E-01	23412250	23412373	NC_000013.10
cg11191210	2.45E-06	3.71E-07	5.26	5.4564107	1.34E-01	117585815	117585938	NC_000006.11
cg05781609	2.45E-06	3.71E-07	5.26	5.4558249	7.64E-02	86429211	86429334	NC_000001.10
cg01056478	2.45E-06	3.71E-07	5.26	5.454734	5.06E-02	100713238	100713361	NC_000014.8
cg09176545	2.45E-06	3.71E-07	5.26	5.4547329	5.27E-02	55641959	55642082	NC_000011.9
cg07404921	2.45E-06	3.71E-07	5.26	5.4546278	1.14E-01	75600250	75600373	NC_000001.10
cg13561372	2.45E-06	3.72E-07	5.26	5.4540855	1.03E-01	121781778	121781901	NC_000007.13
cg09371042	2.45E-06	3.72E-07	5.26	5.4538229	4.85E-02	53741690	53741813	NC_000012.11
cg02126051	2.46E-06	3.72E-07	5.26	5.4536852	1.15E-01	147112438	147112561	NC_000003.11
cg02091109	2.46E-06	3.72E-07	5.26	5.4531598	1.35E-01	76940449	76940572	NC_000005.9
cg21754051	2.46E-06	3.73E-07	5.26	5.4514961	8.96E-02	195004826	195004949	NC_000003.11
cg00989365	2.46E-06	3.73E-07	5.26	5.4511906	1.01E-01	70014548	70014671	NC_000014.8
cg08475096	2.46E-06	3.73E-07	5.26	5.4510436	1.18E-01	158143750	158143873	NC_000004.11
cg09535072	2.46E-06	3.73E-07	5.26	5.4509728	3.52E-02	74083773	74083896	NC_000014.8
cg25885358	2.46E-06	3.73E-07	5.26	5.4508747	2.18E-02	43263929	43264052	NC_000022.10
cg06603074	2.46E-06	3.73E-07	5.26	5.450698	9.27E-02	60192893	60193016	NC_000018.9

cg11971852	2.46E-06	3.73E-07	5.26	5.450662	4.27E-02	32678846	32678969	NC_000002.11
cg15449323	2.46E-06	3.73E-07	5.26	5.4506455	1.55E-01	52956729	52956852	NC_000019.9
cg19912197	2.46E-06	3.73E-07	5.26	5.450595	3.27E-02	26523257	26523380	NC_000017.10
cg17187673	2.46E-06	3.73E-07	5.26	5.4505831	8.40E-02	5458721	5458844	NC_000004.11
cg19520452	2.47E-06	3.73E-07	5.26	5.4492999	3.86E-02	59369156	59369279	NC_000001.10
cg00604202	2.47E-06	3.74E-07	5.26	5.4470206	1.13E-01	99272987	99273110	NC_000006.11
cg24545908	2.47E-06	3.75E-07	5.26	5.44585	1.93E-02	68097886	68098009	NC_000018.9
cg24987590	2.47E-06	3.75E-07	5.26	5.4452575	1.03E-01	8191300	8191423	NC_000017.10
cg25936223	2.48E-06	3.75E-07	5.26	5.4447673	5.94E-02	76807577	76807700	NC_000004.11
cg04099420	2.48E-06	3.75E-07	5.26	5.4447025	8.85E-02	3076354	3076477	NC_000006.11
cg01986648	2.48E-06	3.75E-07	5.26	5.444502	1.16E-01	64226341	64226464	NC_000006.11
cg01011533	2.48E-06	3.75E-07	5.26	5.4444268	4.58E-02	102805240	102805363	NC_000010.10
cg25143706	2.48E-06	3.75E-07	5.26	5.444129	4.55E-02	148930093	148930216	NC_000001.10
cg00648301	2.48E-06	3.76E-07	5.26	5.4433025	1.78E-01	20349241	20349364	NC_000020.10
cg20916535	2.48E-06	3.76E-07	5.26	5.4432309	1.26E-01	117592262	117592385	NC_000006.11
cg22840780	2.48E-06	3.76E-07	5.26	5.4429089	1.03E-01	58207650	58207773	NC_000013.10
cg00387551	2.48E-06	3.76E-07	5.26	5.4425615	3.89E-02	3011304	3011427	NC_000001.10
cg00939727	2.48E-06	3.76E-07	5.26	5.4414027	4.69E-02	134935506	134935629	NC_000002.11
cg06688989	2.49E-06	3.77E-07	5.26	5.4407607	1.21E-01	41606869	41606992	NC_000006.11
cg07455757	2.49E-06	3.77E-07	5.26	5.4407568	1.44E-01	54968985	54969108	NC_000016.9
cg16759932	2.49E-06	3.77E-07	5.26	5.4400074	1.19E-01	134859885	134860008	NC_000010.10
cg04027757	2.49E-06	3.78E-07	5.26	5.4386379	6.62E-02	22987124	22987247	NC_000022.10
cg07617129	2.49E-06	3.78E-07	5.26	5.4374174	4.23E-02	8390291	8390414	NC_000001.10
cg21346925	2.49E-06	3.78E-07	5.26	5.4373646	1.20E-01	64062384	64062507	NC_000012.11
cg18397523	2.50E-06	3.78E-07	5.26	5.4368372	1.21E-01	27282351	27282474	NC_000007.13

cg10962930	2.50E-06	3.79E-07	5.26	5.4359501	1.10E-01	179763857	179763980	NC_000005.9
cg13992728	2.50E-06	3.79E-07	5.26	5.4354246	7.06E-02	134817184	134817307	NC_000010.10
cg08201736	2.50E-06	3.79E-07	5.26	5.4347407	2.36E-02	79298769	79298892	NC_000015.9
cg16881209	2.50E-06	3.79E-07	5.26	5.4346555	7.76E-02	57472959	57473082	NC_000007.13
cg11668529	2.50E-06	3.79E-07	5.26	5.434252	6.80E-02	242764496	242764619	NC_000002.11
cg02676375	2.50E-06	3.80E-07	5.26	5.4333147	8.12E-02	170736180	170736303	NC_000005.9
cg03572772	2.50E-06	3.80E-07	5.26	5.4327727	1.37E-01	140624869	140624992	NC_000005.9
cg22688656	2.51E-06	3.80E-07	5.26	5.4323483	5.01E-02	109812464	109812587	NC_000013.10
cg11260848	2.51E-06	3.80E-07	5.26	5.4321289	1.07E-01	44326260	44326383	NC_000011.9
cg20438306	2.51E-06	3.80E-07	5.26	5.4321215	1.27E-01	41747092	41747215	NC_000004.11
cg20343195	2.51E-06	3.80E-07	5.26	5.4313135	3.06E-02	98828199	98828322	NC_000002.11
cg18640327	2.51E-06	3.80E-07	5.26	5.4311496	3.44E-02	99674170	99674293	NC_000015.9
cg04455265	2.51E-06	3.80E-07	5.26	5.4311127	3.35E-02	49837689	49837812	NC_000003.11
cg23778596	2.51E-06	3.80E-07	5.26	5.4309944	1.35E-01	149411498	149411621	NC_000007.13
cg25724712	2.51E-06	3.81E-07	5.26	5.4300942	4.09E-02	45117457	45117580	NC_000019.9
cg04021706	2.52E-06	3.82E-07	5.26	5.4280803	5.72E-02	389763	389886	NC_000005.9
cg19530886	2.52E-06	3.82E-07	5.26	5.4278521	3.93E-02	54785473	54785596	NC_000002.11
cg20290001	2.52E-06	3.82E-07	5.26	5.4272473	2.85E-02	52219720	52219843	NC_000014.8
cg26194477	2.52E-06	3.82E-07	5.26	5.4267526	1.15E-01	29234890	29235013	NC_000014.8
cg09504320	2.52E-06	3.82E-07	5.26	5.4266968	8.14E-02	157164796	157164919	NC_000001.10
cg00773460	2.52E-06	3.82E-07	5.26	5.4262595	8.24E-02	6133428	6133551	NC_000001.10
cg22217463	2.52E-06	3.82E-07	5.26	5.426043	3.88E-02	4834841	4834964	NC_000017.10
cg26384430	2.52E-06	3.83E-07	5.26	5.4254313	1.49E-01	156129655	156129778	NC_000004.11
cg02328239	2.52E-06	3.83E-07	5.26	5.4253254	1.02E-01	37837463	37837586	NC_000005.9
cg17974054	2.53E-06	3.83E-07	5.26	5.4245024	3.43E-02	135413810	135413933	NC_000005.9



cg18219522	2.53E-06	3.83E-07	5.26	5.4244905	6.21E-02	95870414	95870537	NC_000011.9
cg03299487	2.53E-06	3.84E-07	5.26	5.4232537	1.04E-01	20182644	20182767	NC_000011.9
cg07215236	2.53E-06	3.84E-07	5.26	5.4228279	8.54E-02	239865226	239865349	NC_000002.11
cg11650460	2.53E-06	3.84E-07	5.26	5.4223786	8.07E-02	120538792	120538915	NC_000012.11
cg05181941	2.53E-06	3.84E-07	5.26	5.4222376	7.67E-02	131171031	131171154	NC_000012.11
cg13761419	2.53E-06	3.84E-07	5.26	5.421715	9.05E-02	116914074	116914197	NC_000009.11
cg10747023	2.53E-06	3.84E-07	5.26	5.4214859	1.24E-01	140774559	140774682	NC_000007.13
cg03579392	2.53E-06	3.85E-07	5.26	5.4206389	6.34E-02	101002170	101002293	NC_000014.8
cg15123187	2.54E-06	3.85E-07	5.26	5.4202783	4.93E-02	20569715	20569838	NC_000001.10
cg15607292	2.54E-06	3.85E-07	5.26	5.4199314	8.42E-02	25426810	25426933	NC_000003.11
cg06354527	2.54E-06	3.85E-07	5.26	5.419707	7.17E-02	168122755	168122878	NC_000006.11
cg00606739	2.54E-06	3.85E-07	5.26	5.4193077	9.03E-02	49580019	49580142	NC_000011.9
cg03695260	2.54E-06	3.85E-07	5.26	5.4188333	7.97E-02	134945452	134945575	NC_000010.10
cg07416315	2.54E-06	3.85E-07	5.26	5.4187502	8.39E-02	48897200	48897323	NC_000022.10
cg10530281	2.54E-06	3.85E-07	5.26	5.4185471	1.81E-01	115122054	115122177	NC_000012.11
cg24755537	2.54E-06	3.85E-07	5.26	5.4183803	9.97E-02	14014662	14014785	NC_000017.10
cg21139227	2.54E-06	3.86E-07	5.26	5.4181583	5.25E-02	49887720	49887843	NC_000008.10
cg14469019	2.54E-06	3.86E-07	5.26	5.4178916	1.16E-01	35925230	35925353	NC_000005.9
cg14930884	2.54E-06	3.86E-07	5.25	5.417068	1.30E-01	65488640	65488763	NC_000008.10
cg18290075	2.54E-06	3.86E-07	5.25	5.4162664	1.65E-01	153840477	153840600	NC_000003.11
cg05964487	2.55E-06	3.86E-07	5.25	5.4161598	8.05E-02	40747228	40747351	NC_000013.10
cg26283098	2.55E-06	3.87E-07	5.25	5.415412	9.16E-02	10021690	10021813	NC_000017.10
cg04780984	2.55E-06	3.87E-07	5.25	5.4153494	1.22E-01	56454528	56454651	NC_000017.10
cg01152616	2.55E-06	3.87E-07	5.25	5.4143777	2.94E-02	30619173	30619296	NC_000006.11
cg26470309	2.55E-06	3.87E-07	5.25	5.4138077	9.99E-02	117626777	117626900	NC_000012.11

cg02709205	2.55E-06	3.87E-07	5.25	5.4137189	1.34E-01	74421935	74422058	NC_000015.9
cg25619157	2.55E-06	3.87E-07	5.25	5.4134525	7.51E-02	88520943	88521066	NC_000010.10
cg02447287	2.55E-06	3.88E-07	5.25	5.4121914	4.22E-02	238707023	238707146	NC_000002.11
cg15832180	2.56E-06	3.88E-07	5.25	5.411434	4.96E-02	7032924	7033047	NC_000019.9
cg01130991	2.56E-06	3.88E-07	5.25	5.4113389	7.39E-02	46510392	46510515	NC_000017.10
cg12903638	2.56E-06	3.88E-07	5.25	5.4113348	2.03E-01	210636350	210636473	NC_000002.11
cg16447950	2.56E-06	3.88E-07	5.25	5.4112069	8.20E-02	562315	562438	NC_000005.9
cg17200850	2.56E-06	3.89E-07	5.25	5.4101704	1.05E-01	175107097	175107220	NC_000005.9
cg14430141	2.56E-06	3.89E-07	5.25	5.4097732	1.14E-01	175568377	175568500	NC_000001.10
cg06867377	2.56E-06	3.89E-07	5.25	5.4084533	1.73E-01	113917395	113917518	NC_000012.11
cg00393992	2.56E-06	3.89E-07	5.25	5.4084231	9.73E-02	121081935	121082058	NC_000012.11
cg06135282	2.56E-06	3.90E-07	5.25	5.4081856	4.49E-02	86370102	86370225	NC_000013.10
cg01051310	2.57E-06	3.90E-07	5.25	5.4069917	1.97E-01	228194443	228194566	NC_000001.10
cg10102762	2.57E-06	3.90E-07	5.25	5.4067237	1.00E-01	57025881	57026004	NC_000008.10
cg24524702	2.57E-06	3.90E-07	5.25	5.4065781	6.15E-02	100109440	100109563	NC_000015.9
cg13561592	2.57E-06	3.90E-07	5.25	5.406001	1.64E-01	118916976	118917099	NC_000009.11
cg00319157	2.57E-06	3.90E-07	5.25	5.4058811	2.45E-02	47052970	47053093	NC_000022.10
cg04804539	2.57E-06	3.91E-07	5.25	5.4046031	1.55E-01	95691255	95691378	NC_000002.11
cg11153057	2.57E-06	3.91E-07	5.25	5.4044446	3.65E-02	147380334	147380457	NC_000001.10
cg17952075	2.57E-06	3.91E-07	5.25	5.4041364	4.25E-02	23854382	23854505	NC_000002.11
cg20791007	2.58E-06	3.91E-07	5.25	5.4038766	8.59E-02	150229443	150229566	NC_000001.10
cg20808234	2.58E-06	3.91E-07	5.25	5.4037281	1.08E-01	19692082	19692205	NC_000006.11
cg11119412	2.58E-06	3.91E-07	5.25	5.4036573	3.21E-02	81144818	81144941	NC_000005.9
cg16128363	2.58E-06	3.92E-07	5.25	5.4019104	1.82E-02	3880558	3880681	NC_000018.9
cg27383174	2.58E-06	3.92E-07	5.25	5.4017405	1.07E-01	148450860	148450983	NC_000003.11

cg12806613	2.58E-06	3.93E-07	5.25	5.4006726	1.04E-01	63540205	63540328	NC_000001.10
cg25778446	2.58E-06	3.93E-07	5.25	5.4003766	8.30E-02	94652282	94652405	NC_000004.11
cg25124433	2.58E-06	3.93E-07	5.25	5.4002101	4.39E-02	39041110	39041233	NC_000017.10
cg01301382	2.58E-06	3.93E-07	5.25	5.400103	1.27E-01	15198067	15198190	NC_000018.9
cg06635392	2.59E-06	3.93E-07	5.25	5.3989601	1.04E-01	85473238	85473361	NC_000006.11
cg05476287	2.59E-06	3.93E-07	5.25	5.3989597	4.01E-02	176522511	176522634	NC_000005.9
cg13575612	2.59E-06	3.93E-07	5.25	5.3987539	6.06E-02	156552224	156552347	NC_000003.11
cg09772954	2.59E-06	3.94E-07	5.25	5.3982844	9.01E-02	172734514	172734637	NC_000004.11
cg02620361	2.59E-06	3.94E-07	5.25	5.3974345	1.36E-01	115117424	115117547	NC_000007.13
cg19856705	2.59E-06	3.94E-07	5.25	5.3969253	1.08E-01	234667500	234667623	NC_000001.10
cg07734961	2.59E-06	3.94E-07	5.25	5.3966234	3.73E-02	198650603	198650726	NC_000002.11
cg16520795	2.59E-06	3.94E-07	5.25	5.3965147	1.78E-02	36562653	36562776	NC_000001.10
cg18292434	2.60E-06	3.95E-07	5.25	5.395844	1.04E-01	147112541	147112664	NC_000003.11
cg01162494	2.60E-06	3.95E-07	5.25	5.395827	7.23E-02	44589011	44589134	NC_000021.8
cg15159605	2.60E-06	3.95E-07	5.25	5.3957848	1.40E-01	113904506	113904629	NC_000012.11
cg05625839	2.60E-06	3.95E-07	5.25	5.3954033	4.57E-02	48127569	48127692	NC_000017.10
cg10758369	2.60E-06	3.95E-07	5.25	5.3939196	7.42E-02	48459236	48459359	NC_000001.10
cg01990328	2.60E-06	3.95E-07	5.25	5.3937404	5.68E-02	74675799	74675922	NC_000017.10
cg18710929	2.60E-06	3.96E-07	5.25	5.3934669	1.61E-01	118228078	118228201	NC_000006.11
cg16204357	2.60E-06	3.96E-07	5.25	5.3934076	1.16E-01	101923155	101923278	NC_000014.8
cg16350608	2.60E-06	3.96E-07	5.25	5.3933558	7.41E-02	97063920	97064043	NC_000001.10
cg14614094	2.60E-06	3.96E-07	5.25	5.3927765	6.89E-02	133567903	133568026	NC_000009.11
cg05256483	2.60E-06	3.96E-07	5.25	5.3925497	1.08E-01	119616242	119616365	NC_000002.11
cg08415838	2.60E-06	3.96E-07	5.25	5.3921399	1.27E-01	92936856	92936979	NC_000015.9
cg06920037	2.60E-06	3.96E-07	5.25	5.392132	1.29E-01	115130868	115130991	NC_000012.11

cg10062945	2.61E-06	3.97E-07	5.25	5.390915	1.03E-01	64989895	64990018	NC_000006.11
cg20212940	2.61E-06	3.97E-07	5.25	5.3907977	1.06E-01	31121906	31122029	NC_000010.10
cg07881365	2.61E-06	3.97E-07	5.25	5.3907319	1.04E-01	15833929	15834052	NC_000019.9
cg14168923	2.61E-06	3.97E-07	5.25	5.3902558	1.65E-01	28366606	28366729	NC_000013.10
cg24086690	2.61E-06	3.97E-07	5.25	5.3896567	5.34E-02	30951189	30951312	NC_000010.10
cg01926906	2.61E-06	3.97E-07	5.25	5.3896267	1.18E-01	65499701	65499824	NC_000008.10
cg27282530	2.61E-06	3.97E-07	5.25	5.3892489	1.44E-01	125898680	125898803	NC_000003.11
cg24690722	2.61E-06	3.97E-07	5.25	5.3891936	1.43E-02	166809144	166809267	NC_000001.10
cg08471896	2.61E-06	3.97E-07	5.25	5.3889842	1.04E-01	135808560	135808683	NC_000002.11
cg05819154	2.61E-06	3.98E-07	5.25	5.3882346	4.49E-02	49902436	49902559	NC_000016.9
cg12283119	2.61E-06	3.98E-07	5.25	5.3879931	7.82E-02	15805012	15805135	NC_000002.11
cg24536163	2.62E-06	3.98E-07	5.25	5.3870031	4.89E-02	61264371	61264494	NC_000018.9
cg27549720	2.62E-06	3.98E-07	5.25	5.3862547	1.33E-01	19992167	19992290	NC_000001.10
cg04366249	2.62E-06	3.99E-07	5.25	5.3861397	1.17E-01	94285501	94285624	NC_000007.13
cg23413104	2.62E-06	3.99E-07	5.25	5.3861371	9.96E-02	118982263	118982386	NC_000002.11
cg19749975	2.62E-06	3.99E-07	5.25	5.3859293	8.82E-02	71547563	71547686	NC_000001.10
cg19795594	2.62E-06	3.99E-07	5.25	5.3843443	7.90E-02	132790734	132790857	NC_000011.9
cg24054190	2.62E-06	3.99E-07	5.25	5.3840039	1.38E-01	192232863	192232986	NC_000003.11
cg17565078	2.63E-06	4.00E-07	5.25	5.3833512	1.84E-01	27334723	27334846	NC_000013.10
cg07557707	2.63E-06	4.00E-07	5.25	5.3823694	1.50E-01	58549711	58549834	NC_000019.9
cg07804773	2.63E-06	4.00E-07	5.25	5.3821114	4.38E-02	151662651	151662774	NC_000006.11
cg13894444	2.63E-06	4.00E-07	5.25	5.3820257	6.26E-02	189821064	189821187	NC_000003.11
cg23151862	2.63E-06	4.00E-07	5.25	5.3819328	1.15E-01	132813362	132813485	NC_000011.9
cg01146063	2.63E-06	4.01E-07	5.25	5.3809028	9.83E-02	80549973	80550096	NC_000002.11
cg23448729	2.63E-06	4.01E-07	5.25	5.3803263	1.16E-01	63256285	63256408	NC_000005.9

cg21661027	2.63E-06	4.01E-07	5.25	5.3799767	1.27E-01	74961342	74961465	NC_000018.9
cg04730882	2.63E-06	4.01E-07	5.25	5.3798869	8.65E-02	176986535	176986658	NC_000002.11
cg11318087	2.63E-06	4.01E-07	5.25	5.3797825	4.13E-02	80336356	80336479	NC_000017.10
cg24790764	2.64E-06	4.02E-07	5.25	5.378052	4.84E-02	104344310	104344433	NC_000012.11
cg23272399	2.64E-06	4.02E-07	5.25	5.3779252	1.22E-01	53068579	53068702	NC_000001.10
cg18664869	2.64E-06	4.02E-07	5.25	5.377829	1.11E-01	140625004	140625127	NC_000005.9
cg25196575	2.64E-06	4.02E-07	5.25	5.377657	8.21E-02	3649250	3649373	NC_000001.10
cg27363741	2.64E-06	4.02E-07	5.25	5.3776566	1.15E-01	6005349	6005472	NC_000006.11
cg10001275	2.64E-06	4.02E-07	5.25	5.3775124	2.89E-02	41443956	41444079	NC_000015.9
cg23185921	2.64E-06	4.02E-07	5.25	5.3767241	1.15E-01	45270799	45270922	NC_000012.11
cg22340762	2.64E-06	4.02E-07	5.25	5.3766812	4.86E-02	183823538	183823661	NC_000001.10
cg24927800	2.64E-06	4.02E-07	5.25	5.3766121	1.51E-01	220283214	220283337	NC_000002.11
cg12608727	2.64E-06	4.02E-07	5.25	5.3765748	1.25E-01	64711033	64711156	NC_000001.10
cg22994720	2.64E-06	4.03E-07	5.25	5.3761911	1.22E-01	74441988	74442111	NC_000011.9
cg15925090	2.65E-06	4.03E-07	5.25	5.3754284	9.34E-02	4874042	4874165	NC_000004.11
cg03542222	2.65E-06	4.03E-07	5.25	5.3749688	2.57E-02	110260848	110260971	NC_000001.10
cg17971936	2.65E-06	4.03E-07	5.25	5.3744564	1.37E-01	83378895	83379018	NC_000015.9
cg13043117	2.65E-06	4.03E-07	5.25	5.3744186	1.15E-01	61992820	61992943	NC_000014.8
cg19908556	2.65E-06	4.03E-07	5.25	5.3743096	1.43E-01	32355022	32355145	NC_000011.9
cg05727776	2.65E-06	4.03E-07	5.25	5.3741219	5.96E-02	65127677	65127800	NC_000011.9
cg22803222	2.65E-06	4.04E-07	5.25	5.3739537	5.30E-02	76636725	76636848	NC_000006.11
cg04175877	2.65E-06	4.04E-07	5.25	5.3734756	8.81E-02	65295989	65296112	NC_000005.9
cg02516134	2.65E-06	4.04E-07	5.25	5.3734362	5.45E-02	134575187	134575310	NC_000007.13
cg06632310	2.65E-06	4.04E-07	5.25	5.3729534	9.50E-02	8275229	8275352	NC_000019.9
cg20683765	2.65E-06	4.04E-07	5.25	5.3724497	1.11E-01	37835168	37835291	NC_000005.9

cg06627087	2.65E-06	4.04E-07	5.25	5.3717984	7.92E-02	57376177	57376300	NC_000019.9
cg26301788	2.65E-06	4.05E-07	5.25	5.3715783	1.27E-01	177713423	177713546	NC_000004.11
cg14352267	2.66E-06	4.05E-07	5.24	5.3706641	9.01E-02	52627127	52627250	NC_000018.9
cg27211284	2.66E-06	4.05E-07	5.24	5.3697966	1.15E-01	200524012	200524135	NC_000002.11
cg02794451	2.66E-06	4.06E-07	5.24	5.3692207	1.45E-01	2800446	2800569	NC_000012.11
cg18562759	2.66E-06	4.06E-07	5.24	5.368401	5.13E-02	56809497	56809620	NC_000003.11
cg26230674	2.67E-06	4.06E-07	5.24	5.3676001	1.02E-01	17982925	17983048	NC_000019.9
cg03914735	2.67E-06	4.06E-07	5.24	5.3674696	5.79E-02	140953689	140953812	NC_000003.11
cg24058732	2.67E-06	4.06E-07	5.24	5.3673089	1.11E-01	177004998	177005121	NC_000002.11
cg18489945	2.67E-06	4.06E-07	5.24	5.3669638	1.17E-01	60294398	60294521	NC_000015.9
cg12751565	2.67E-06	4.07E-07	5.24	5.3666866	1.26E-01	207119987	207120110	NC_000001.10
cg01830883	2.67E-06	4.07E-07	5.24	5.366659	6.21E-02	3557942	3558065	NC_000001.10
cg06915524	2.67E-06	4.07E-07	5.24	5.3662097	5.07E-02	159049869	159049992	NC_000006.11
cg08530537	2.67E-06	4.07E-07	5.24	5.3651408	7.55E-02	68014374	68014497	NC_000016.9
cg00357546	2.67E-06	4.07E-07	5.24	5.3649038	7.53E-02	135032154	135032277	NC_000010.10
cg03259494	2.67E-06	4.07E-07	5.24	5.3647804	1.61E-01	47307743	47307866	NC_000017.10
cg06866712	2.67E-06	4.07E-07	5.24	5.3646792	4.13E-02	18743898	18744021	NC_000008.10
cg25749267	2.67E-06	4.08E-07	5.24	5.3644144	1.40E-01	1705029	1705152	NC_000007.13
cg01166071	2.67E-06	4.08E-07	5.24	5.3644069	1.71E-01	8095687	8095810	NC_000010.10
cg22649289	2.67E-06	4.08E-07	5.24	5.3642865	6.66E-02	582568	582691	NC_000002.11
cg08646202	2.67E-06	4.08E-07	5.24	5.3640278	4.51E-02	111692209	111692332	NC_000011.9
cg02392179	2.68E-06	4.09E-07	5.24	5.3620341	1.35E-01	106400114	106400237	NC_000010.10
cg19373290	2.68E-06	4.09E-07	5.24	5.3620329	6.34E-02	134738298	134738421	NC_000010.10
cg14169333	2.68E-06	4.09E-07	5.24	5.3619694	1.67E-01	96721468	96721591	NC_000009.11
cg17711527	2.68E-06	4.09E-07	5.24	5.3619426	8.86E-02	203734396	203734519	NC_000001.10

cg08690159	2.68E-06	4.09E-07	5.24	5.3619326	6.51E-02	3689565	3689688	NC_000002.11
cg23362032	2.68E-06	4.09E-07	5.24	5.3616177	8.73E-02	126990845	126990968	NC_000007.13
cg02971654	2.68E-06	4.09E-07	5.24	5.3603003	1.17E-01	79745343	79745466	NC_000014.8
cg16955704	2.69E-06	4.10E-07	5.24	5.3597161	9.77E-02	656994	657117	NC_000004.11
cg18861112	2.69E-06	4.10E-07	5.24	5.3595138	1.29E-01	52239835	52239958	NC_000013.10
cg11206167	2.69E-06	4.10E-07	5.24	5.3594787	8.28E-02	42924367	42924490	NC_000005.9
cg09063765	2.69E-06	4.10E-07	5.24	5.3592801	2.11E-02	113763326	113763449	NC_000002.11
cg16134191	2.69E-06	4.10E-07	5.24	5.3590162	9.71E-02	31847509	31847632	NC_000011.9
cg03468072	2.69E-06	4.10E-07	5.24	5.3584325	1.04E-01	39539422	39539545	NC_000012.11
cg18965620	2.69E-06	4.10E-07	5.24	5.3583037	2.35E-02	180144025	180144148	NC_000001.10
cg15002294	2.69E-06	4.10E-07	5.24	5.3582057	1.61E-01	147126444	147126567	NC_000003.11
cg25274275	2.69E-06	4.10E-07	5.24	5.3579003	7.13E-02	233217617	233217740	NC_000002.11
cg07750560	2.69E-06	4.11E-07	5.24	5.3572581	1.03E-01	53561973	53562096	NC_000019.9
cg00831126	2.69E-06	4.11E-07	5.24	5.3569203	1.13E-01	56605325	56605448	NC_000007.13
cg02251663	2.69E-06	4.11E-07	5.24	5.3562156	9.35E-02	14281053	14281176	NC_000011.9
cg12359895	2.69E-06	4.11E-07	5.24	5.3558919	3.50E-02	4697267	4697390	NC_000010.10
cg22079149	2.70E-06	4.12E-07	5.24	5.3547109	5.33E-02	241568656	241568779	NC_000002.11
cg06749053	2.70E-06	4.12E-07	5.24	5.3543294	1.47E-01	121971219	121971342	NC_000011.9
cg03854025	2.70E-06	4.12E-07	5.24	5.3542574	1.25E-01	73753087	73753210	NC_000004.11
cg06555093	2.70E-06	4.12E-07	5.24	5.3536914	5.38E-02	43221380	43221503	NC_000021.8
cg14852134	2.70E-06	4.12E-07	5.24	5.353666	1.57E-01	13200748	13200871	NC_000020.10
cg20162381	2.70E-06	4.12E-07	5.24	5.3528813	1.45E-01	3310097	3310220	NC_000012.11
cg17214023	2.70E-06	4.12E-07	5.24	5.3527461	1.10E-01	10176748	10176871	NC_000002.11
cg07537739	2.70E-06	4.13E-07	5.24	5.352296	1.24E-01	53446528	53446651	NC_000018.9
cg10582827	2.70E-06	4.13E-07	5.24	5.3520976	1.16E-01	28584464	28584587	NC_000006.11

cg15613014	2.70E-06	4.13E-07	5.24	5.3520921	7.27E-02	158151204	158151327	NC_000001.10
cg23597264	2.71E-06	4.13E-07	5.24	5.3518854	6.46E-02	579667	579790	NC_000002.11
cg12101354	2.71E-06	4.13E-07	5.24	5.3518603	8.47E-02	20622652	20622775	NC_000011.9
cg16263005	2.71E-06	4.13E-07	5.24	5.3515085	5.06E-02	139766406	139766529	NC_000004.11
cg20417128	2.71E-06	4.13E-07	5.24	5.3511711	9.18E-02	1690625	1690748	NC_000002.11
cg21210220	2.71E-06	4.13E-07	5.24	5.3503776	7.84E-02	202948038	202948161	NC_000002.11
cg27114026	2.71E-06	4.14E-07	5.24	5.3502594	1.68E-02	51740258	51740381	NC_000012.11
cg23272632	2.71E-06	4.14E-07	5.24	5.3494364	1.76E-01	77737146	77737269	NC_000014.8
cg07387591	2.71E-06	4.14E-07	5.24	5.3493555	1.34E-01	17208649	17208772	NC_000020.10
cg18671949	2.71E-06	4.14E-07	5.24	5.349148	1.74E-01	5404581	5404704	NC_000017.10
cg24226115	2.71E-06	4.14E-07	5.24	5.349142	1.49E-01	134000410	134000533	NC_000010.10
cg20863949	2.71E-06	4.14E-07	5.24	5.3488355	4.20E-02	71213618	71213741	NC_000002.11
cg02902261	2.71E-06	4.14E-07	5.24	5.3485076	7.40E-02	72991150	72991273	NC_000007.13
cg23496260	2.72E-06	4.15E-07	5.24	5.3475408	1.55E-01	17218089	17218212	NC_000005.9
cg15209908	2.72E-06	4.15E-07	5.24	5.3474865	3.06E-02	17247699	17247822	NC_000001.10
cg13895323	2.72E-06	4.15E-07	5.24	5.3474391	6.46E-02	50528641	50528764	NC_000022.10
cg27313201	2.72E-06	4.15E-07	5.24	5.3473626	9.96E-02	154165904	154166027	NC_000001.10
cg19732052	2.72E-06	4.15E-07	5.24	5.3471924	5.14E-02	111662594	111662717	NC_000007.13
cg00714115	2.72E-06	4.15E-07	5.24	5.3462215	6.12E-02	52954462	52954585	NC_000019.9
cg07283114	2.72E-06	4.16E-07	5.24	5.3451853	1.41E-01	65489065	65489188	NC_000008.10
cg01270424	2.72E-06	4.16E-07	5.24	5.3447736	1.26E-01	237078509	237078632	NC_000002.11
cg08286854	2.72E-06	4.16E-07	5.24	5.3444112	7.12E-02	39211041	39211164	NC_000017.10
cg08602008	2.72E-06	4.16E-07	5.24	5.3443491	9.57E-02	48076841	48076964	NC_000019.9
cg01417037	2.72E-06	4.16E-07	5.24	5.3443239	1.25E-01	4244675	4244798	NC_000005.9
cg19614698	2.73E-06	4.16E-07	5.24	5.3441145	1.25E-01	104604893	104605016	NC_000014.8



cg21487830	2.73E-06	4.17E-07	5.24	5.3426634	1.65E-02	48943706	48943829	NC_000017.10
cg10790429	2.73E-06	4.17E-07	5.24	5.3423953	1.05E-01	106974623	106974746	NC_000012.11
cg03457195	2.73E-06	4.17E-07	5.24	5.3416362	1.00E-01	162284206	162284329	NC_000002.11
cg11157253	2.73E-06	4.17E-07	5.24	5.3413478	8.72E-02	96905729	96905852	NC_000015.9
cg07211768	2.73E-06	4.18E-07	5.24	5.3408414	1.36E-01	115102290	115102413	NC_000012.11
cg07715201	2.74E-06	4.18E-07	5.24	5.3404018	1.22E-01	37840839	37840962	NC_000005.9
cg16104915	2.74E-06	4.18E-07	5.24	5.3400027	1.28E-01	27205217	27205340	NC_000007.13
cg17347178	2.74E-06	4.18E-07	5.24	5.3399848	6.64E-02	140052701	140052824	NC_000005.9
cg02922094	2.74E-06	4.18E-07	5.24	5.3395595	3.86E-02	113262512	113262635	NC_000001.10
cg06417885	2.74E-06	4.18E-07	5.24	5.3394499	5.23E-02	47108318	47108441	NC_000008.10
cg06111374	2.74E-06	4.18E-07	5.24	5.3390032	6.09E-02	14109584	14109707	NC_000012.11
cg02488338	2.74E-06	4.18E-07	5.24	5.3389899	1.40E-01	63798214	63798337	NC_000005.9
cg14041812	2.74E-06	4.19E-07	5.24	5.3380591	9.71E-02	169645874	169645997	NC_000004.11
cg07845390	2.74E-06	4.19E-07	5.24	5.3378422	1.66E-01	196577709	196577832	NC_000001.10
cg25598530	2.74E-06	4.19E-07	5.24	5.3372855	1.20E-01	148193376	148193499	NC_000001.10
cg15015143	2.74E-06	4.19E-07	5.24	5.3366169	4.84E-02	142245773	142245896	NC_000005.9
cg07751641	2.75E-06	4.20E-07	5.24	5.3360622	9.01E-02	134826244	134826367	NC_000005.9
cg16663022	2.75E-06	4.20E-07	5.24	5.3355913	8.97E-02	56429381	56429504	NC_000004.11
cg18418928	2.75E-06	4.20E-07	5.24	5.3355491	1.04E-01	23953778	23953901	NC_000001.10
cg04330874	2.75E-06	4.20E-07	5.24	5.3355201	7.87E-02	113822176	113822299	NC_000011.9
cg00694324	2.75E-06	4.20E-07	5.24	5.3354768	2.12E-02	16764960	16765083	NC_000001.10
cg10828456	2.75E-06	4.20E-07	5.24	5.3351908	7.94E-02	368847	368970	NC_000011.9
cg05940231	2.75E-06	4.20E-07	5.24	5.3349256	1.03E-01	119532189	119532312	NC_000001.10
cg21198219	2.75E-06	4.20E-07	5.24	5.3345815	8.15E-02	128558454	128558577	NC_000011.9
cg06395298	2.75E-06	4.20E-07	5.24	5.3341023	1.50E-01	46651225	46651348	NC_000017.10

cg15595573	2.75E-06	4.21E-07	5.24	5.3340959	1.09E-01	145925419	145925542	NC_000008.10
cg00745555	2.75E-06	4.21E-07	5.24	5.3334433	1.63E-01	135050896	135051019	NC_000010.10
cg06875598	2.75E-06	4.21E-07	5.24	5.3332109	1.00E-01	49297922	49298045	NC_000022.10
cg09300185	2.75E-06	4.21E-07	5.24	5.3327397	8.88E-02	42000079	42000202	NC_000012.11
cg12468377	2.76E-06	4.21E-07	5.24	5.3325724	6.43E-02	8791763	8791886	NC_000017.10
cg17516271	2.76E-06	4.21E-07	5.24	5.3324166	1.23E-01	66187007	66187130	NC_000008.10
cg04486885	2.76E-06	4.22E-07	5.24	5.3301944	6.05E-02	176823424	176823547	NC_000005.9
cg26869615	2.76E-06	4.23E-07	5.24	5.3294218	1.08E-01	20044639	20044762	NC_000011.9
cg14909842	2.77E-06	4.23E-07	5.24	5.3282929	5.06E-02	44869885	44870008	NC_000021.8
cg11973974	2.77E-06	4.24E-07	5.24	5.3271018	9.68E-02	37917061	37917184	NC_000002.11
cg08739576	2.77E-06	4.24E-07	5.24	5.3269982	1.01E-01	44144360	44144483	NC_000007.13
cg16658931	2.77E-06	4.24E-07	5.24	5.326363	1.59E-01	51171061	51171184	NC_000019.9
cg22249789	2.77E-06	4.24E-07	5.24	5.3262467	1.22E-01	63284574	63284697	NC_000002.11
cg17101703	2.77E-06	4.24E-07	5.24	5.3261273	8.88E-02	69793701	69793824	NC_000002.11
cg01496199	2.77E-06	4.24E-07	5.24	5.3261066	1.13E-01	39755181	39755304	NC_000019.9
cg07287401	2.78E-06	4.24E-07	5.23	5.3250927	4.87E-02	134054776	134054899	NC_000010.10
cg22870373	2.78E-06	4.25E-07	5.23	5.3247148	6.06E-02	1967665	1967788	NC_000007.13
cg03575380	2.78E-06	4.25E-07	5.23	5.3246282	5.06E-02	88262974	88263097	NC_000016.9
cg13918611	2.78E-06	4.25E-07	5.23	5.3240675	1.04E-01	97841998	97842121	NC_000007.13
cg01541443	2.78E-06	4.25E-07	5.23	5.3238613	2.44E-02	30185315	30185438	NC_000007.13
cg03281705	2.78E-06	4.25E-07	5.23	5.3232055	4.81E-02	41900206	41900329	NC_000019.9
cg12802537	2.78E-06	4.25E-07	5.23	5.3231026	3.17E-02	221870819	221870942	NC_000001.10
cg12765028	2.78E-06	4.25E-07	5.23	5.3230187	8.12E-02	13526659	13526782	NC_000004.11
cg14849423	2.78E-06	4.26E-07	5.23	5.3220393	6.13E-02	57351791	57351914	NC_000019.9
cg14583365	2.78E-06	4.26E-07	5.23	5.3216371	6.15E-02	132679218	132679341	NC_000007.13

cg19369556	2.78E-06	4.26E-07	5.23	5.3213277	1.26E-01	82661725	82661848	NC_000016.9
cg10814646	2.79E-06	4.26E-07	5.23	5.3210245	7.36E-02	38117644	38117767	NC_000021.8
cg19539568	2.79E-06	4.27E-07	5.23	5.3190609	4.84E-02	21446087	21446210	NC_000014.8
cg00888463	2.79E-06	4.27E-07	5.23	5.3182561	1.42E-01	106686041	106686164	NC_000007.13
cg11930274	2.79E-06	4.27E-07	5.23	5.3182505	3.51E-02	74879093	74879216	NC_000010.10
cg00031491	2.79E-06	4.27E-07	5.23	5.3181058	4.58E-02	31837439	31837562	NC_000006.11
cg19063564	2.79E-06	4.28E-07	5.23	5.317828	1.48E-01	22019059	22019182	NC_000019.9
cg15888569	2.80E-06	4.28E-07	5.23	5.3173865	6.05E-02	15033042	15033165	NC_000004.11
cg07555437	2.80E-06	4.28E-07	5.23	5.317351	7.51E-02	45279830	45279953	NC_000020.10
cg08693082	2.80E-06	4.28E-07	5.23	5.3170639	5.93E-02	128851969	128852092	NC_000002.11
cg02799448	2.80E-06	4.28E-07	5.23	5.3170279	1.03E-01	137817008	137817131	NC_000006.11
cg02381898	2.80E-06	4.28E-07	5.23	5.3167922	1.41E-01	54970175	54970298	NC_000004.11
cg00730561	2.80E-06	4.28E-07	5.23	5.3162575	9.66E-02	102279703	102279826	NC_000010.10
cg08115618	2.80E-06	4.28E-07	5.23	5.3160122	9.47E-02	134667555	134667678	NC_000008.10
cg23052669	2.80E-06	4.29E-07	5.23	5.3157966	4.81E-02	65765487	65765610	NC_000011.9
cg03495768	2.80E-06	4.29E-07	5.23	5.3153435	1.68E-01	100637113	100637236	NC_000013.10
cg21570988	2.80E-06	4.29E-07	5.23	5.315164	1.09E-01	32116841	32116964	NC_000006.11
cg14544831	2.80E-06	4.29E-07	5.23	5.3144322	1.11E-01	60985269	60985392	NC_000018.9
cg01127020	2.80E-06	4.29E-07	5.23	5.3143896	4.78E-02	185457334	185457457	NC_000003.11
cg07431122	2.80E-06	4.29E-07	5.23	5.3140888	3.56E-02	141733120	141733243	NC_000005.9
cg15652873	2.80E-06	4.29E-07	5.23	5.3138565	9.64E-02	129427178	129427301	NC_000012.11
cg00480381	2.81E-06	4.30E-07	5.23	5.3134769	8.79E-02	7382796	7382919	NC_000016.9
cg01196517	2.81E-06	4.30E-07	5.23	5.3121609	1.12E-01	28642394	28642517	NC_000006.11
cg04521867	2.81E-06	4.30E-07	5.23	5.3120925	7.66E-02	41054942	41055065	NC_000019.9
cg06118116	2.81E-06	4.30E-07	5.23	5.311799	9.63E-02	228336171	228336294	NC_000002.11

cg14762289	2.81E-06	4.30E-07	5.23	5.3115514	1.07E-01	55305648	55305771	NC_000003.11
cg20186445	2.81E-06	4.31E-07	5.23	5.3112167	1.38E-01	48439220	48439343	NC_000010.10
cg27160348	2.81E-06	4.31E-07	5.23	5.3108347	8.66E-02	32729590	32729713	NC_000006.11
cg19743686	2.81E-06	4.31E-07	5.23	5.3105557	6.49E-02	2637301	2637424	NC_000006.11
cg01572513	2.81E-06	4.31E-07	5.23	5.3104317	1.43E-01	147557859	147557982	NC_000004.11
cg14279856	2.82E-06	4.31E-07	5.23	5.3091508	1.16E-01	30851086	30851209	NC_000006.11
cg13434352	2.82E-06	4.32E-07	5.23	5.308836	8.39E-02	101471921	101472044	NC_000009.11
cg18984452	2.82E-06	4.32E-07	5.23	5.3086457	9.94E-02	1046103	1046226	NC_000009.11
cg19418958	2.82E-06	4.32E-07	5.23	5.3085245	1.09E-01	30705886	30706009	NC_000008.10
cg12187624	2.82E-06	4.32E-07	5.23	5.3084466	4.09E-02	13226110	13226233	NC_000019.9
cg03894891	2.82E-06	4.32E-07	5.23	5.3069165	1.21E-01	1308483	1308606	NC_000007.13
cg18210732	2.82E-06	4.32E-07	5.23	5.3068429	1.61E-01	69518545	69518668	NC_000011.9
cg25588826	2.82E-06	4.33E-07	5.23	5.3066663	6.08E-02	7755583	7755706	NC_000017.10
cg19385628	2.82E-06	4.33E-07	5.23	5.3064369	1.14E-01	6904640	6904763	NC_000003.11
cg20307302	2.83E-06	4.33E-07	5.23	5.3061619	1.53E-01	133484621	133484744	NC_000012.11
cg27432847	2.83E-06	4.33E-07	5.23	5.3060647	1.35E-01	113444372	113444495	NC_000004.11
cg08409953	2.83E-06	4.33E-07	5.23	5.3055911	3.47E-02	130463629	130463752	NC_000003.11
cg09663494	2.83E-06	4.33E-07	5.23	5.3048749	3.79E-02	67223733	67223856	NC_000016.9
cg14923157	2.83E-06	4.34E-07	5.23	5.3039972	1.41E-01	17138063	17138186	NC_000019.9
cg17466636	2.83E-06	4.34E-07	5.23	5.3035626	8.79E-02	10456284	10456407	NC_000002.11
cg05215806	2.83E-06	4.34E-07	5.23	5.3032318	1.69E-01	31842272	31842395	NC_000019.9
cg05376405	2.83E-06	4.34E-07	5.23	5.3027204	5.40E-02	67225165	67225288	NC_000016.9
cg00208153	2.84E-06	4.35E-07	5.23	5.3022919	1.57E-01	58206058	58206181	NC_000013.10
cg07279752	2.84E-06	4.35E-07	5.23	5.3020996	5.37E-02	95031075	95031198	NC_000008.10
cg11934394	2.84E-06	4.35E-07	5.23	5.3020553	7.72E-02	53215390	53215513	NC_000012.11

cg07279933	2.84E-06	4.35E-07	5.23	5.3006911	1.84E-01	127440413	127440536	NC_000006.11
cg18502829	2.84E-06	4.35E-07	5.23	5.3005889	8.77E-02	31967526	31967649	NC_000017.10
cg04368939	2.84E-06	4.35E-07	5.23	5.3003127	6.36E-02	103588914	103589037	NC_000010.10
cg26279336	2.84E-06	4.35E-07	5.23	5.3003108	1.74E-01	46674438	46674561	NC_000017.10
cg13548587	2.84E-06	4.36E-07	5.23	5.2999501	4.10E-02	72798948	72799071	NC_000003.11
cg10572951	2.84E-06	4.36E-07	5.23	5.2997291	3.87E-02	154744863	154744986	NC_000001.10
cg10761085	2.84E-06	4.36E-07	5.23	5.2992121	3.35E-02	3313527	3313650	NC_000002.11
cg26196087	2.85E-06	4.36E-07	5.23	5.2984477	6.93E-02	120530251	120530374	NC_000001.10
cg08696727	2.85E-06	4.36E-07	5.23	5.298108	1.95E-01	28034797	28034920	NC_000010.10
cg08003732	2.85E-06	4.37E-07	5.23	5.2976911	7.13E-02	7023752	7023875	NC_000012.11
cg26969652	2.85E-06	4.37E-07	5.23	5.2963613	5.90E-02	52783890	52784013	NC_000008.10
cg17588578	2.85E-06	4.37E-07	5.23	5.2963583	9.36E-02	140723583	140723706	NC_000005.9
cg08502239	2.85E-06	4.37E-07	5.23	5.2963268	8.96E-02	9808122	9808245	NC_000017.10
cg01615018	2.85E-06	4.37E-07	5.23	5.2961248	1.37E-01	54393550	54393673	NC_000012.11
cg21131022	2.85E-06	4.38E-07	5.23	5.2955021	1.06E-01	19371974	19372097	NC_000019.9
cg01729125	2.85E-06	4.38E-07	5.23	5.2954347	4.33E-02	78996164	78996287	NC_000004.11
cg09563325	2.85E-06	4.38E-07	5.23	5.294982	4.88E-02	34809256	34809379	NC_000016.9
cg18714498	2.86E-06	4.38E-07	5.23	5.294358	1.05E-01	230578312	230578435	NC_000002.11
cg17404981	2.86E-06	4.38E-07	5.23	5.294032	9.17E-02	1240264	1240387	NC_000004.11
cg14037728	2.86E-06	4.39E-07	5.23	5.2930938	8.84E-02	116645936	116646059	NC_000009.11
cg11906444	2.86E-06	4.39E-07	5.23	5.29309	1.00E-01	43858174	43858297	NC_000019.9
cg02712553	2.86E-06	4.39E-07	5.23	5.2922455	3.96E-02	64136038	64136161	NC_000010.10
cg08421080	2.86E-06	4.39E-07	5.23	5.2918273	7.40E-02	130963378	130963501	NC_000012.11
cg08402365	2.86E-06	4.39E-07	5.23	5.2913992	1.44E-01	172945274	172945397	NC_000002.11
cg02309841	2.87E-06	4.40E-07	5.23	5.2910688	1.05E-01	11758425	11758548	NC_000003.11

cg22110273	2.87E-06	4.40E-07	5.23	5.2904794	1.35E-01	138606909	138607032	NC_000009.11
cg01558212	2.87E-06	4.40E-07	5.23	5.2896375	1.23E-01	200327336	200327459	NC_000002.11
cg23546474	2.87E-06	4.40E-07	5.23	5.2892735	1.32E-01	223163033	223163156	NC_000002.11
cg15424739	2.87E-06	4.41E-07	5.23	5.2886921	1.84E-01	18901666	18901789	NC_000019.9
cg19859270	2.87E-06	4.41E-07	5.23	5.2878907	4.45E-02	98251294	98251417	NC_000003.11
cg04694812	2.87E-06	4.41E-07	5.23	5.2875853	1.19E-01	63257554	63257677	NC_000005.9
cg15270892	2.87E-06	4.41E-07	5.23	5.2875552	1.24E-01	27762352	27762475	NC_000003.11
cg16694007	2.88E-06	4.42E-07	5.23	5.28684	4.62E-02	53638692	53638815	NC_000017.10
cg16318112	2.88E-06	4.42E-07	5.23	5.2848352	1.21E-01	969254	969377	NC_000001.10
cg23920953	2.88E-06	4.42E-07	5.23	5.2848301	1.52E-01	70038505	70038628	NC_000014.8
cg26318502	2.88E-06	4.42E-07	5.23	5.2848291	5.68E-02	172152291	172152414	NC_000005.9
cg20367479	2.88E-06	4.42E-07	5.23	5.2847478	5.03E-02	171873675	171873798	NC_000003.11
cg23643568	2.88E-06	4.42E-07	5.23	5.2847219	4.82E-02	33170779	33170902	NC_000006.11
cg23203969	2.88E-06	4.43E-07	5.23	5.2841022	9.17E-02	3726328	3726451	NC_000020.10
cg23534802	2.89E-06	4.44E-07	5.23	5.2813782	7.80E-02	28555742	28555865	NC_000006.11
cg01414464	2.89E-06	4.44E-07	5.23	5.2812677	1.05E-01	113695858	113695981	NC_000005.9
cg01136848	2.89E-06	4.44E-07	5.23	5.2812431	4.77E-02	51535487	51535610	NC_000003.11
cg23429510	2.89E-06	4.44E-07	5.23	5.2811475	1.20E-01	176936942	176937065	NC_000002.11
cg06868946	2.89E-06	4.44E-07	5.23	5.2809767	8.66E-02	56015785	56015908	NC_000008.10
cg16624994	2.90E-06	4.45E-07	5.23	5.2800425	7.30E-02	14816426	14816549	NC_000010.10
cg09866712	2.90E-06	4.45E-07	5.23	5.2800159	2.49E-02	24673830	24673953	NC_000014.8
cg21820890	2.90E-06	4.45E-07	5.23	5.2795661	7.20E-02	74714375	74714498	NC_000010.10
cg24912023	2.90E-06	4.45E-07	5.22	5.2790157	9.29E-02	110979750	110979873	NC_000002.11
cg01962727	2.90E-06	4.45E-07	5.22	5.2789942	6.41E-02	46603059	46603182	NC_000016.9
cg00006787	2.90E-06	4.45E-07	5.22	5.2789353	5.19E-02	110533441	110533564	NC_000013.10

cg14792959	2.90E-06	4.45E-07	5.22	5.2788945	7.37E-02	34263159	34263282	NC_000019.9
cg25032336	2.90E-06	4.45E-07	5.22	5.2787428	1.37E-01	134068592	134068715	NC_000004.11
cg04220230	2.90E-06	4.45E-07	5.22	5.2781583	3.78E-02	52215551	52215674	NC_000014.8
cg27357918	2.90E-06	4.46E-07	5.22	5.2775398	1.19E-01	645256	645379	NC_000004.11
cg26857521	2.90E-06	4.46E-07	5.22	5.2772224	7.16E-02	2350123	2350246	NC_000001.10
cg02328010	2.90E-06	4.46E-07	5.22	5.2770836	1.12E-01	237206482	237206605	NC_000001.10
cg03694415	2.90E-06	4.46E-07	5.22	5.2768857	3.80E-02	47549635	47549758	NC_000021.8
cg09054649	2.91E-06	4.46E-07	5.22	5.2762132	5.52E-02	162758241	162758364	NC_000005.9
cg05854644	2.91E-06	4.46E-07	5.22	5.2761446	1.63E-01	26699187	26699310	NC_000017.10
cg10226527	2.91E-06	4.47E-07	5.22	5.2757314	3.75E-02	779605	779728	NC_000016.9
cg09168805	2.91E-06	4.47E-07	5.22	5.2752136	7.42E-02	94514548	94514671	NC_000001.10
cg03555914	2.91E-06	4.47E-07	5.22	5.2751793	3.50E-02	121554810	121554933	NC_000002.11
cg21002146	2.91E-06	4.47E-07	5.22	5.2751637	1.23E-01	92303622	92303745	NC_000014.8
cg00700008	2.91E-06	4.47E-07	5.22	5.2746068	5.61E-02	120138107	120138230	NC_000004.11
cg23943476	2.91E-06	4.48E-07	5.22	5.2736804	9.67E-02	26825295	26825418	NC_000017.10
cg04920385	2.91E-06	4.48E-07	5.22	5.2734466	8.50E-02	81171149	81171272	NC_000010.10
cg02793099	2.91E-06	4.48E-07	5.22	5.2733873	8.05E-02	57350004	57350127	NC_000019.9
cg09032487	2.92E-06	4.48E-07	5.22	5.2726051	2.17E-02	40716584	40716707	NC_000017.10
cg06797385	2.92E-06	4.48E-07	5.22	5.2721963	9.51E-02	30018105	30018228	NC_000016.9
cg12593515	2.92E-06	4.48E-07	5.22	5.2716615	8.86E-02	22233159	22233282	NC_000007.13
cg09632907	2.92E-06	4.49E-07	5.22	5.2710951	1.23E-01	54969963	54970086	NC_000004.11
cg02436605	2.92E-06	4.49E-07	5.22	5.2705787	9.00E-02	146125223	146125346	NC_000008.10
cg00754617	2.92E-06	4.49E-07	5.22	5.2702865	4.39E-02	49109288	49109411	NC_000019.9
cg05052450	2.92E-06	4.49E-07	5.22	5.2702412	1.26E-01	147140118	147140241	NC_000003.11
cg11792285	2.93E-06	4.50E-07	5.22	5.2684039	9.58E-02	240968949	240969072	NC_000002.11

cg21684654	2.93E-06	4.50E-07	5.22	5.2676832	7.89E-02	100203651	100203774	NC_000007.13
cg14455170	2.93E-06	4.50E-07	5.22	5.2675644	1.55E-01	42002398	42002521	NC_000013.10
cg19417549	2.93E-06	4.50E-07	5.22	5.2674937	2.67E-02	59067502	59067625	NC_000019.9
cg17420983	2.93E-06	4.51E-07	5.22	5.2670207	1.53E-01	111471202	111471325	NC_000012.11
cg11284316	2.93E-06	4.51E-07	5.22	5.2669835	1.74E-01	210636398	210636521	NC_000002.11
cg17105609	2.93E-06	4.51E-07	5.22	5.2669747	2.07E-02	1006237	1006360	NC_000004.11
cg12146232	2.93E-06	4.51E-07	5.22	5.266712	3.58E-02	231854635	231854758	NC_000002.11
cg21483929	2.93E-06	4.51E-07	5.22	5.2660324	3.81E-02	20392406	20392529	NC_000013.10
cg01157146	2.94E-06	4.52E-07	5.22	5.2645004	1.11E-01	42877638	42877761	NC_000021.8
cg19111906	2.94E-06	4.52E-07	5.22	5.2639596	3.16E-02	67816846	67816969	NC_000011.9
cg23693548	2.94E-06	4.52E-07	5.22	5.2638108	3.39E-02	202804464	202804587	NC_000001.10
cg09722826	2.94E-06	4.52E-07	5.22	5.2633396	6.60E-02	50780248	50780371	NC_000016.9
cg12078229	2.94E-06	4.53E-07	5.22	5.2624218	1.06E-01	19245687	19245810	NC_000019.9
cg02172533	2.95E-06	4.53E-07	5.22	5.2616469	3.49E-02	32978593	32978716	NC_000006.11
cg26582733	2.95E-06	4.53E-07	5.22	5.26134	1.43E-01	47547707	47547830	NC_000017.10
cg20247911	2.95E-06	4.53E-07	5.22	5.2610967	1.26E-01	2124618	2124741	NC_000002.11
cg18461362	2.95E-06	4.54E-07	5.22	5.2600615	4.59E-02	47866784	47866907	NC_000008.10
cg18117403	2.95E-06	4.54E-07	5.22	5.2597169	7.24E-02	229114792	229114915	NC_000001.10
cg06740354	2.95E-06	4.54E-07	5.22	5.2594913	1.21E-02	40265795	40265918	NC_000017.10
cg24590723	2.95E-06	4.54E-07	5.22	5.2592554	1.00E-01	54355910	54356033	NC_000003.11
cg25536137	2.96E-06	4.55E-07	5.22	5.2579678	1.30E-01	8094142	8094265	NC_000010.10
cg13434638	2.96E-06	4.55E-07	5.22	5.2576849	1.75E-01	68723690	68723813	NC_000015.9
cg21077049	2.96E-06	4.55E-07	5.22	5.2573484	7.04E-02	96132850	96132973	NC_000007.13
cg10019507	2.96E-06	4.55E-07	5.22	5.2573266	6.58E-02	23016315	23016438	NC_000020.10
cg26540367	2.96E-06	4.55E-07	5.22	5.2569896	1.35E-01	215864	215987	NC_000016.9



cg20700460	2.96E-06	4.56E-07	5.22	5.2563216	1.19E-01	7130299	7130422	NC_000001.10
cg18388552	2.96E-06	4.56E-07	5.22	5.2560494	1.23E-01	28677272	28677395	NC_000006.11
cg17276590	2.96E-06	4.56E-07	5.22	5.2559043	1.84E-01	119304487	119304610	NC_000010.10
cg15135047	2.97E-06	4.56E-07	5.22	5.2550524	1.45E-01	72149514	72149637	NC_000003.11
cg16783571	2.97E-06	4.57E-07	5.22	5.2543844	7.50E-02	74064594	74064717	NC_000006.11
cg20432507	2.97E-06	4.57E-07	5.22	5.2541476	1.23E-01	21689861	21689984	NC_000020.10
cg25107522	2.97E-06	4.57E-07	5.22	5.2537601	6.10E-02	234297039	234297162	NC_000002.11
cg02177231	2.97E-06	4.57E-07	5.22	5.2536782	1.81E-01	119529930	119530053	NC_000001.10
cg07919108	2.97E-06	4.57E-07	5.22	5.2531055	1.30E-01	102984661	102984784	NC_000010.10
cg15945754	2.97E-06	4.57E-07	5.22	5.2528838	4.24E-02	118973695	118973818	NC_000006.11
cg27390220	2.97E-06	4.57E-07	5.22	5.2528837	8.04E-02	45268523	45268646	NC_000003.11
cg04148002	2.97E-06	4.57E-07	5.22	5.2524618	1.03E-01	102484475	102484598	NC_000010.10
cg08833952	2.97E-06	4.57E-07	5.22	5.2524316	4.90E-02	22469457	22469580	NC_000022.10
cg22928405	2.97E-06	4.58E-07	5.22	5.2518925	2.07E-02	127523174	127523297	NC_000003.11
cg05870739	2.97E-06	4.58E-07	5.22	5.2518022	1.37E-01	140800586	140800709	NC_000005.9
cg04487904	2.98E-06	4.58E-07	5.22	5.2515236	3.83E-02	176693341	176693464	NC_000005.9
cg08155249	2.98E-06	4.58E-07	5.22	5.2514206	9.92E-02	72919936	72920059	NC_000005.9
cg03615683	2.98E-06	4.58E-07	5.22	5.250847	3.35E-02	48156576	48156699	NC_000012.11
cg26473301	2.98E-06	4.59E-07	5.22	5.2502576	5.16E-02	37695738	37695861	NC_000021.8
cg17033810	2.98E-06	4.59E-07	5.22	5.2496731	6.05E-02	71805533	71805656	NC_000005.9
cg05313794	2.98E-06	4.59E-07	5.22	5.2489615	7.79E-02	1845466	1845589	NC_000002.11
cg15282731	2.98E-06	4.59E-07	5.22	5.2488333	3.96E-02	90177012	90177135	NC_000012.11
cg21567371	2.98E-06	4.59E-07	5.22	5.2483669	4.00E-02	48630540	48630663	NC_000003.11
cg23206461	2.99E-06	4.60E-07	5.22	5.2481258	1.29E-01	147782116	147782239	NC_000001.10
cg12670310	2.99E-06	4.60E-07	5.22	5.2479522	5.80E-02	20071307	20071430	NC_000022.10

cg05046525	2.99E-06	4.60E-07	5.22	5.2478441	1.71E-01	35395821	35395944	NC_000001.10
cg12840850	2.99E-06	4.60E-07	5.22	5.2475957	5.22E-02	62407352	62407475	NC_000020.10
cg26232655	2.99E-06	4.60E-07	5.22	5.2474703	2.36E-02	55004583	55004706	NC_000001.10
cg02055264	2.99E-06	4.60E-07	5.22	5.2472715	7.14E-02	27210913	27211036	NC_000006.11
cg11035730	2.99E-06	4.60E-07	5.22	5.2472017	9.91E-02	104662709	104662832	NC_000014.8
cg08561825	2.99E-06	4.60E-07	5.22	5.24719	1.20E-01	64333366	64333489	NC_000011.9
cg03739378	2.99E-06	4.60E-07	5.22	5.2470315	4.67E-02	105295865	105295988	NC_000007.13
cg21516341	2.99E-06	4.60E-07	5.22	5.2467974	1.32E-01	45270818	45270941	NC_000012.11
cg01468621	2.99E-06	4.60E-07	5.22	5.2467211	1.41E-01	1411609	1411732	NC_000011.9
cg20540748	2.99E-06	4.60E-07	5.22	5.2466895	4.91E-02	170407101	170407224	NC_000006.11
cg02340615	2.99E-06	4.60E-07	5.22	5.2466774	4.11E-02	104617058	104617181	NC_000012.11
cg09415518	2.99E-06	4.60E-07	5.22	5.2462237	1.05E-01	69093675	69093798	NC_000004.11
cg20576264	2.99E-06	4.60E-07	5.22	5.2462041	4.44E-02	23512002	23512125	NC_000014.8
cg02198051	2.99E-06	4.61E-07	5.22	5.2449878	8.48E-02	30674811	30674934	NC_000016.9
cg00003529	2.99E-06	4.61E-07	5.22	5.2446116	7.67E-02	149510115	149510238	NC_000003.11
cg02269497	3.00E-06	4.61E-07	5.22	5.2443449	7.10E-02	51469393	51469516	NC_000019.9
cg11990296	3.00E-06	4.61E-07	5.22	5.2441564	8.80E-02	8651775	8651898	NC_000019.9
cg13147856	3.00E-06	4.62E-07	5.22	5.2437195	4.90E-02	63896114	63896237	NC_000015.9
cg04865692	3.00E-06	4.62E-07	5.22	5.2436556	1.36E-01	50831762	50831885	NC_000019.9
cg12457773	3.00E-06	4.62E-07	5.22	5.2435066	1.15E-01	24126497	24126620	NC_000006.11
cg06323290	3.00E-06	4.62E-07	5.22	5.24317	6.13E-02	71029879	71030002	NC_000010.10
cg03510041	3.00E-06	4.62E-07	5.22	5.2430258	7.72E-02	41559210	41559333	NC_000006.11
cg18426506	3.00E-06	4.62E-07	5.22	5.2425807	3.73E-02	42935700	42935823	NC_000020.10
cg07615127	3.00E-06	4.62E-07	5.22	5.2420497	6.63E-02	195345288	195345411	NC_000003.11
cg14785381	3.00E-06	4.62E-07	5.22	5.2419595	4.36E-02	22969267	22969390	NC_000015.9

cg06159269	3.00E-06	4.63E-07	5.22	5.2417149	1.30E-01	8767347	8767470	NC_000001.10
cg23205521	3.00E-06	4.63E-07	5.22	5.2414543	1.93E-02	53742818	53742941	NC_000001.10
cg02117924	3.00E-06	4.63E-07	5.22	5.2414346	4.38E-02	46321585	46321708	NC_000021.8
cg02257883	3.00E-06	4.63E-07	5.22	5.2409441	3.66E-02	92492784	92492907	NC_000015.9
cg23191576	3.01E-06	4.63E-07	5.22	5.2401446	6.35E-02	170597326	170597449	NC_000006.11
cg13572071	3.01E-06	4.63E-07	5.22	5.2398341	5.96E-02	23707912	23708035	NC_000001.10
cg27580229	3.01E-06	4.64E-07	5.22	5.2396589	8.07E-02	8714248	8714371	NC_000002.11
cg10297193	3.01E-06	4.64E-07	5.22	5.2391694	6.81E-02	102111502	102111625	NC_000015.9
cg13948934	3.01E-06	4.64E-07	5.22	5.239162	3.36E-02	241072063	241072186	NC_000002.11
cg17435479	3.01E-06	4.64E-07	5.22	5.2382665	1.15E-01	182248713	182248836	NC_000001.10
cg11146971	3.01E-06	4.64E-07	5.22	5.2380812	1.52E-01	27068354	27068477	NC_000014.8
cg04823738	3.01E-06	4.64E-07	5.22	5.2380034	2.20E-02	23631875	23631998	NC_000015.9
cg02792655	3.01E-06	4.64E-07	5.22	5.2378549	1.33E-01	89854364	89854487	NC_000005.9
cg10632395	3.01E-06	4.65E-07	5.22	5.2374079	1.09E-01	137815648	137815771	NC_000006.11
cg17282027	3.02E-06	4.65E-07	5.22	5.2371245	6.35E-02	7762596	7762719	NC_000004.11
cg06992285	3.02E-06	4.66E-07	5.22	5.2352818	1.21E-01	99952047	99952170	NC_000008.10
cg04865716	3.02E-06	4.66E-07	5.22	5.2349716	1.05E-01	2290843	2290966	NC_000019.9
cg02700606	3.02E-06	4.66E-07	5.22	5.2347126	1.10E-01	131763134	131763257	NC_000010.10
cg07697433	3.02E-06	4.66E-07	5.22	5.2346054	1.90E-02	180647736	180647859	NC_000005.9
cg08560465	3.02E-06	4.66E-07	5.22	5.2342271	5.26E-02	151055012	151055135	NC_000006.11
cg23229610	3.02E-06	4.66E-07	5.22	5.234106	3.44E-02	6841125	6841248	NC_000001.10
cg11432275	3.02E-06	4.66E-07	5.22	5.2339233	2.51E-02	3239323	3239446	NC_000004.11
cg25484139	3.03E-06	4.66E-07	5.22	5.2337977	8.66E-02	13008273	13008396	NC_000003.11
cg05517900	3.03E-06	4.67E-07	5.21	5.2330285	2.96E-02	139127931	139128054	NC_000009.11
cg03022552	3.03E-06	4.67E-07	5.21	5.2325753	4.47E-02	21324130	21324253	NC_000019.9

cg02139871	3.03E-06	4.67E-07	5.21	5.2322308	1.76E-01	127783370	127783493	NC_000002.11
cg08911638	3.03E-06	4.67E-07	5.21	5.2318274	3.49E-02	167708827	167708950	NC_000006.11
cg08319778	3.03E-06	4.67E-07	5.21	5.2315292	4.67E-02	7435463	7435586	NC_000004.11
cg02482717	3.03E-06	4.68E-07	5.21	5.2313913	6.78E-02	182368734	182368857	NC_000001.10
cg13604887	3.03E-06	4.68E-07	5.21	5.2309973	1.36E-01	22018953	22019076	NC_000019.9
cg22658758	3.03E-06	4.68E-07	5.21	5.230521	1.09E-01	92935309	92935432	NC_000005.9
cg13099542	3.04E-06	4.68E-07	5.21	5.2303579	5.01E-02	114056351	114056474	NC_000013.10
cg22150051	3.04E-06	4.68E-07	5.21	5.2301612	6.77E-02	23499697	23499820	NC_000020.10
cg02787120	3.04E-06	4.68E-07	5.21	5.2299574	1.05E-01	111200944	111201067	NC_000007.13
cg10312190	3.04E-06	4.68E-07	5.21	5.2297049	3.06E-02	67749846	67749969	NC_000011.9
cg22434835	3.04E-06	4.69E-07	5.21	5.2293301	7.73E-02	108603985	108604108	NC_000012.11
cg13375690	3.04E-06	4.69E-07	5.21	5.2284303	8.17E-02	66706202	66706325	NC_000008.10
cg17432620	3.04E-06	4.69E-07	5.21	5.2284105	8.77E-02	50817711	50817834	NC_000006.11
cg24605404	3.04E-06	4.69E-07	5.21	5.2275436	2.77E-02	54450822	54450945	NC_000012.11
cg06008724	3.04E-06	4.69E-07	5.21	5.227543	1.77E-01	45403507	45403630	NC_000022.10
cg00661438	3.05E-06	4.70E-07	5.21	5.2267838	2.67E-02	75661320	75661443	NC_000003.11
cg01177168	3.05E-06	4.70E-07	5.21	5.226069	8.09E-02	17680457	17680580	NC_000007.13
cg27642062	3.05E-06	4.70E-07	5.21	5.225335	1.42E-01	55513148	55513271	NC_000016.9
cg14826797	3.05E-06	4.71E-07	5.21	5.2252307	9.32E-02	33444867	33444990	NC_000005.9
cg18799241	3.05E-06	4.71E-07	5.21	5.2250847	3.55E-02	45412599	45412722	NC_000019.9
cg08769451	3.05E-06	4.71E-07	5.21	5.2245486	1.45E-01	132813235	132813358	NC_000011.9
cg05735639	3.05E-06	4.71E-07	5.21	5.2240685	4.31E-02	49021875	49021998	NC_000017.10
cg14927663	3.05E-06	4.71E-07	5.21	5.2235964	2.62E-02	76565480	76565603	NC_000017.10
cg15711744	3.06E-06	4.72E-07	5.21	5.2231127	8.05E-02	48866138	48866261	NC_000012.11
cg00692173	3.06E-06	4.72E-07	5.21	5.222861	1.26E-01	53217358	53217481	NC_000001.10

cg11779239	3.06E-06	4.72E-07	5.21	5.2225775	5.53E-02	73762276	73762399	NC_000017.10
cg05965863	3.06E-06	4.72E-07	5.21	5.2220214	1.13E-01	137480182	137480305	NC_000003.11
cg11747695	3.06E-06	4.72E-07	5.21	5.2216172	5.39E-02	111164966	111165089	NC_000013.10
cg10420542	3.06E-06	4.72E-07	5.21	5.2213744	7.29E-02	242853946	242854069	NC_000002.11
cg03125498	3.06E-06	4.72E-07	5.21	5.2212357	7.32E-02	34112111	34112234	NC_000019.9
cg22257101	3.06E-06	4.73E-07	5.21	5.2208447	4.67E-02	245741203	245741326	NC_000001.10
cg21898944	3.06E-06	4.73E-07	5.21	5.2207007	1.56E-01	130589151	130589274	NC_000012.11
cg13145670	3.06E-06	4.73E-07	5.21	5.2200791	7.56E-02	21934776	21934899	NC_000017.10
cg20896233	3.07E-06	4.73E-07	5.21	5.2196332	1.49E-01	186603561	186603684	NC_000002.11
cg02293437	3.07E-06	4.74E-07	5.21	5.2183077	1.94E-01	71264678	71264801	NC_000016.9
cg25056460	3.07E-06	4.74E-07	5.21	5.2177724	1.33E-01	122215896	122216019	NC_000010.10
cg03709271	3.07E-06	4.74E-07	5.21	5.2175294	8.06E-02	134819662	134819785	NC_000010.10
cg14382835	3.07E-06	4.74E-07	5.21	5.2172863	3.60E-02	62731949	62732072	NC_000004.11
cg11258484	3.07E-06	4.75E-07	5.21	5.2169262	9.24E-02	92168021	92168144	NC_000012.11
cg16606324	3.07E-06	4.75E-07	5.21	5.2168425	7.43E-02	10149918	10150041	NC_000003.11
cg27316026	3.07E-06	4.75E-07	5.21	5.2166865	5.92E-02	38859976	38860099	NC_000017.10
cg16914123	3.08E-06	4.75E-07	5.21	5.2164955	7.99E-02	35226751	35226874	NC_000007.13
cg03740167	3.08E-06	4.75E-07	5.21	5.2161157	1.26E-01	23463746	23463869	NC_000010.10
cg24089400	3.08E-06	4.75E-07	5.21	5.215858	7.35E-02	98507930	98508053	NC_000001.10
cg20568140	3.08E-06	4.76E-07	5.21	5.2131939	3.70E-02	46739004	46739127	NC_000003.11
cg24972087	3.09E-06	4.77E-07	5.21	5.2124017	8.16E-02	77387841	77387964	NC_000018.9
cg21857668	3.09E-06	4.77E-07	5.21	5.2123232	1.43E-01	111451273	111451396	NC_000003.11
cg03887520	3.09E-06	4.77E-07	5.21	5.2121718	1.15E-01	45161283	45161406	NC_000002.11
cg23151000	3.09E-06	4.77E-07	5.21	5.211408	1.04E-01	38302892	38303015	NC_000002.11
cg22891099	3.09E-06	4.77E-07	5.21	5.2110463	6.73E-02	234579550	234579673	NC_000002.11

cg23831328	3.09E-06	4.78E-07	5.21	5.2108123	1.39E-01	3873555	3873678	NC_000004.11
cg19642877	3.09E-06	4.78E-07	5.21	5.2106668	9.22E-02	2168625	2168748	NC_000011.9
cg27446137	3.09E-06	4.78E-07	5.21	5.2100545	7.82E-02	77723198	77723321	NC_000004.11
cg26162554	3.09E-06	4.78E-07	5.21	5.2099245	1.41E-01	42425093	42425216	NC_000005.9
cg02381009	3.10E-06	4.78E-07	5.21	5.2095253	5.00E-02	1241958	1242081	NC_000005.9
cg14771240	3.10E-06	4.78E-07	5.21	5.2091904	6.22E-02	33284168	33284291	NC_000006.11
cg01708344	3.10E-06	4.78E-07	5.21	5.2089801	6.05E-02	60827202	60827325	NC_000017.10
cg21994045	3.10E-06	4.78E-07	5.21	5.2089263	8.75E-02	10403936	10404059	NC_000019.9
cg20143415	3.10E-06	4.79E-07	5.21	5.2083258	4.40E-02	117473375	117473498	NC_000012.11
cg03585447	3.10E-06	4.79E-07	5.21	5.2082883	1.15E-01	29077683	29077806	NC_000015.9
cg00282510	3.10E-06	4.79E-07	5.21	5.2078321	1.42E-01	100611516	100611639	NC_000009.11
cg15090727	3.10E-06	4.79E-07	5.21	5.2074952	1.49E-01	113341951	113342074	NC_000009.11
cg13883603	3.10E-06	4.79E-07	5.21	5.2072081	8.48E-02	130516816	130516939	NC_000009.11
cg12502098	3.10E-06	4.79E-07	5.21	5.2071527	8.48E-02	48955947	48956070	NC_000022.10
cg21009965	3.10E-06	4.79E-07	5.21	5.2069784	1.30E-01	75593596	75593719	NC_000001.10
cg05600126	3.10E-06	4.80E-07	5.21	5.206736	4.77E-02	950540	950663	NC_000017.10
cg07211465	3.10E-06	4.80E-07	5.21	5.2065811	7.42E-02	148476471	148476594	NC_000006.11
cg25879102	3.11E-06	4.80E-07	5.21	5.2060873	1.25E-01	38600119	38600242	NC_000001.10
cg18292202	3.11E-06	4.80E-07	5.21	5.2059566	7.92E-02	26746947	26747070	NC_000006.11
cg01740202	3.11E-06	4.80E-07	5.21	5.2051433	6.69E-02	550568	550691	NC_000007.13
cg11125249	3.11E-06	4.81E-07	5.21	5.2046849	1.08E-01	148737622	148737745	NC_000003.11
cg19120717	3.11E-06	4.81E-07	5.21	5.2045967	1.08E-01	41343647	41343770	NC_000006.11
cg10539173	3.11E-06	4.81E-07	5.21	5.2038792	4.12E-02	12653502	12653625	NC_000012.11
cg24222440	3.11E-06	4.81E-07	5.21	5.2037248	6.08E-02	118397413	118397536	NC_000011.9
cg26954751	3.11E-06	4.81E-07	5.21	5.2037053	7.58E-02	107506867	107506990	NC_000006.11

cg07940593	3.11E-06	4.81E-07	5.21	5.2034164	6.71E-02	39710068	39710191	NC_000022.10
cg07973479	3.12E-06	4.82E-07	5.21	5.2011437	9.99E-02	25945255	25945378	NC_000013.10
cg14894848	3.12E-06	4.83E-07	5.21	5.2002544	1.00E-01	48884945	48885068	NC_000022.10
cg09175620	3.12E-06	4.83E-07	5.21	5.1997374	5.99E-02	54484536	54484659	NC_000001.10
cg05779364	3.12E-06	4.83E-07	5.21	5.1996509	6.52E-02	220132137	220132260	NC_000001.10
cg00842549	3.13E-06	4.84E-07	5.21	5.1982642	1.13E-01	46651920	46652043	NC_000017.10
cg25661931	3.13E-06	4.84E-07	5.21	5.1981419	9.59E-02	123166561	123166684	NC_000003.11
cg09684233	3.13E-06	4.84E-07	5.21	5.1979017	1.34E-01	175206966	175207089	NC_000002.11
cg09618830	3.13E-06	4.84E-07	5.21	5.1978638	2.82E-02	24580244	24580367	NC_000016.9
cg06732870	3.13E-06	4.84E-07	5.21	5.1975923	6.38E-02	51143348	51143471	NC_000019.9
cg25870010	3.13E-06	4.85E-07	5.21	5.1966077	4.73E-02	96191158	96191281	NC_000002.11
cg02347212	3.14E-06	4.85E-07	5.21	5.1956134	6.07E-02	6141790	6141913	NC_000017.10
cg13021890	3.14E-06	4.86E-07	5.21	5.1934642	2.81E-02	242689305	242689428	NC_000002.11
cg02028402	3.14E-06	4.86E-07	5.21	5.1931293	4.39E-02	32410339	32410462	NC_000006.11
cg19659741	3.15E-06	4.87E-07	5.21	5.192785	1.16E-01	39172099	39172222	NC_000008.10
cg13705169	3.15E-06	4.87E-07	5.21	5.192228	6.75E-02	102775472	102775595	NC_000010.10
cg01474257	3.15E-06	4.87E-07	5.21	5.1922358	8.48E-02	42030842	42030965	NC_000017.10
cg16277944	3.15E-06	4.87E-07	5.21	5.1921526	9.87E-02	169068404	169068527	NC_000005.9
cg23246360	3.15E-06	4.87E-07	5.21	5.1919926	4.89E-02	17000596	17000719	NC_000022.10
cg06525987	3.15E-06	4.87E-07	5.21	5.1918158	8.87E-02	161494645	161494768	NC_000005.9
cg11126767	3.15E-06	4.87E-07	5.21	5.1917808	1.08E-01	60978275	60978398	NC_000014.8
cg12575928	3.15E-06	4.87E-07	5.21	5.1915815	1.20E-01	22687660	22687783	NC_000011.9
cg10376904	3.15E-06	4.88E-07	5.21	5.1906511	5.64E-02	131687337	131687460	NC_000012.11
cg03790988	3.15E-06	4.88E-07	5.21	5.1904708	8.79E-02	67069959	67070082	NC_000018.9
cg13930105	3.15E-06	4.88E-07	5.21	5.19007	1.70E-01	158083475	158083598	NC_000001.10

cg20012008	3.15E-06	4.88E-07	5.21	5.1899393	1.40E-01	69062534	69062657	NC_000007.13
cg17883458	3.15E-06	4.88E-07	5.21	5.1898228	1.19E-01	137489767	137489890	NC_000003.11
cg16201038	3.15E-06	4.88E-07	5.21	5.1897144	1.09E-01	28544760	28544883	NC_000013.10
cg14870229	3.15E-06	4.88E-07	5.21	5.1896501	1.13E-01	6590801	6590924	NC_000019.9
cg24007247	3.16E-06	4.88E-07	5.21	5.1895013	3.21E-02	6410669	6410792	NC_000007.13
cg12320039	3.16E-06	4.88E-07	5.21	5.1892032	9.75E-02	32118204	32118327	NC_000006.11
cg25500948	3.16E-06	4.89E-07	5.2	5.1877288	6.94E-02	167761378	167761501	NC_000005.9
cg17851392	3.16E-06	4.89E-07	5.2	5.1872046	3.43E-02	135120603	135120726	NC_000010.10
cg00174279	3.16E-06	4.90E-07	5.2	5.1867994	7.39E-02	75525361	75525484	NC_000017.10
cg13015284	3.17E-06	4.90E-07	5.2	5.186213	8.98E-02	64410392	64410515	NC_000011.9
cg12604435	3.17E-06	4.90E-07	5.2	5.1861943	1.04E-01	153653559	153653682	NC_000001.10
cg00127505	3.17E-06	4.90E-07	5.2	5.1858178	8.95E-02	131763820	131763943	NC_000010.10
cg25774643	3.17E-06	4.90E-07	5.2	5.1856528	1.53E-01	627175	627298	NC_000011.9
cg18067520	3.17E-06	4.90E-07	5.2	5.1853987	5.83E-02	107114594	107114717	NC_000006.11
cg04495336	3.17E-06	4.90E-07	5.2	5.185362	1.07E-01	2419119	2419242	NC_000008.10
cg14530963	3.17E-06	4.90E-07	5.2	5.1851211	7.22E-02	3489551	3489674	NC_000005.9
cg02911432	3.17E-06	4.91E-07	5.2	5.1847533	1.01E-01	128754513	128754636	NC_000012.11
cg15388210	3.17E-06	4.91E-07	5.2	5.184659	9.35E-02	36005826	36005949	NC_000001.10
cg25195374	3.17E-06	4.91E-07	5.2	5.1846148	4.55E-02	18257610	18257733	NC_000008.10
cg06193578	3.18E-06	4.92E-07	5.2	5.1816441	1.39E-01	35396475	35396598	NC_000019.9
cg13453589	3.18E-06	4.92E-07	5.2	5.1815243	1.30E-01	33850099	33850222	NC_000009.11
cg03546668	3.18E-06	4.92E-07	5.2	5.1813253	4.00E-02	55533785	55533908	NC_000008.10
cg03937515	3.18E-06	4.92E-07	5.2	5.1811605	3.87E-02	76277580	76277703	NC_000018.9
cg22898082	3.18E-06	4.92E-07	5.2	5.1809906	9.28E-02	11074428	11074551	NC_000019.9
cg18752854	3.18E-06	4.93E-07	5.2	5.1807626	3.77E-02	218809254	218809377	NC_000002.11



cg01308419	3.18E-06	4.93E-07	5.2	5.1807123	4.92E-02	6565891	6566014	NC_000007.13
cg08791813	3.18E-06	4.93E-07	5.2	5.1806273	5.91E-02	80316822	80316945	NC_000005.9
cg14531663	3.18E-06	4.93E-07	5.2	5.1801922	1.53E-01	32116933	32117056	NC_000006.11
cg26278228	3.18E-06	4.93E-07	5.2	5.1800148	1.67E-02	191367505	191367628	NC_000002.11
cg21875423	3.18E-06	4.93E-07	5.2	5.1800092	1.57E-01	217559867	217559990	NC_000002.11
cg17124224	3.18E-06	4.93E-07	5.2	5.1799685	1.21E-01	83953880	83954003	NC_000015.9
cg08430489	3.19E-06	4.93E-07	5.2	5.1795907	1.74E-01	142494953	142495076	NC_000007.13
cg27598107	3.19E-06	4.93E-07	5.2	5.1795099	1.47E-01	102759782	102759905	NC_000002.11
cg05359130	3.19E-06	4.93E-07	5.2	5.1793982	1.62E-01	29228970	29229093	NC_000014.8
cg24831888	3.19E-06	4.93E-07	5.2	5.1791021	2.00E-02	124612215	124612338	NC_000011.9
cg17104706	3.19E-06	4.94E-07	5.2	5.1786813	1.79E-02	121461110	121461233	NC_000008.10
cg11986813	3.19E-06	4.94E-07	5.2	5.1786668	1.83E-01	43429144	43429267	NC_000010.10
cg26646370	3.19E-06	4.94E-07	5.2	5.1776833	1.67E-01	4279441	4279564	NC_000019.9
cg12243375	3.19E-06	4.94E-07	5.2	5.1774063	1.47E-01	106889329	106889452	NC_000011.9
cg00992521	3.19E-06	4.95E-07	5.2	5.176556	7.09E-02	36889859	36889982	NC_000020.10
cg22009464	3.20E-06	4.95E-07	5.2	5.1760614	1.45E-01	32173084	32173207	NC_000018.9
cg01715538	3.20E-06	4.95E-07	5.2	5.1758276	7.69E-02	170468154	170468277	NC_000006.11
cg04611437	3.20E-06	4.95E-07	5.2	5.1753303	1.02E-01	102279697	102279820	NC_000010.10
cg00888108	3.20E-06	4.96E-07	5.2	5.1745732	7.22E-02	77149314	77149437	NC_000018.9
cg14404807	3.20E-06	4.96E-07	5.2	5.1744122	4.14E-02	106938294	106938417	NC_000014.8
cg03369999	3.20E-06	4.96E-07	5.2	5.1741908	3.91E-02	194342992	194343115	NC_000003.11
cg02740308	3.20E-06	4.96E-07	5.2	5.1732247	5.51E-02	132414348	132414471	NC_000002.11
cg25481384	3.21E-06	4.96E-07	5.2	5.1731975	6.39E-02	694470	694593	NC_000008.10
cg04013159	3.21E-06	4.97E-07	5.2	5.1729554	5.90E-02	62285926	62286049	NC_000020.10
cg12499062	3.21E-06	4.97E-07	5.2	5.1729231	6.72E-02	11519034	11519157	NC_000018.9

cg13936125	3.21E-06	4.97E-07	5.2	5.1727297	1.30E-01	56225599	56225722	NC_000016.9
cg24286200	3.21E-06	4.97E-07	5.2	5.1715787	3.12E-02	139481268	139481391	NC_000007.13
cg10152627	3.21E-06	4.97E-07	5.2	5.1715782	3.42E-02	182218332	182218455	NC_000003.11
cg06893371	3.21E-06	4.98E-07	5.2	5.1711718	1.44E-01	41582961	41583084	NC_000012.11
cg09079909	3.21E-06	4.98E-07	5.2	5.1709898	1.03E-01	127808092	127808215	NC_000007.13
cg04230050	3.21E-06	4.98E-07	5.2	5.1709794	8.42E-02	166144874	166144997	NC_000006.11
cg24414788	3.21E-06	4.98E-07	5.2	5.1708473	1.11E-01	8093298	8093421	NC_000010.10
cg12772086	3.21E-06	4.98E-07	5.2	5.1704099	7.87E-02	107783986	107784109	NC_000006.11
cg09031522	3.21E-06	4.98E-07	5.2	5.1700965	4.57E-02	112610918	112611041	NC_000013.10
cg22330763	3.22E-06	4.98E-07	5.2	5.1698026	8.79E-02	44194767	44194890	NC_000006.11
cg12534008	3.22E-06	4.99E-07	5.2	5.1688471	1.20E-01	2252029	2252152	NC_000019.9
cg13485718	3.22E-06	4.99E-07	5.2	5.168711	1.21E-01	93315488	93315611	NC_000014.8
cg07906262	3.23E-06	5.00E-07	5.2	5.166537	7.73E-02	41303570	41303693	NC_000001.10
cg07662771	3.23E-06	5.01E-07	5.2	5.1650404	1.25E-01	64008007	64008130	NC_000003.11
cg22860534	3.23E-06	5.01E-07	5.2	5.1645263	4.06E-02	68813585	68813708	NC_000011.9
cg21433239	3.23E-06	5.01E-07	5.2	5.1640485	5.00E-02	172578576	172578699	NC_000003.11
cg10565216	3.23E-06	5.01E-07	5.2	5.1638398	2.81E-02	22785257	22785380	NC_000008.10
cg02935024	3.24E-06	5.01E-07	5.2	5.163491	9.01E-02	133573285	133573408	NC_000003.11
cg09981533	3.24E-06	5.02E-07	5.2	5.1630546	8.62E-02	31507701	31507824	NC_000006.11
cg22306173	3.24E-06	5.02E-07	5.2	5.1622589	8.94E-02	46368025	46368148	NC_000022.10
cg14337027	3.24E-06	5.02E-07	5.2	5.1620536	1.11E-01	46803802	46803925	NC_000017.10
cg10305337	3.24E-06	5.02E-07	5.2	5.1617919	5.10E-02	71420076	71420199	NC_000017.10
cg03021496	3.24E-06	5.03E-07	5.2	5.1611463	7.39E-02	71997462	71997585	NC_000006.11
cg06971092	3.24E-06	5.03E-07	5.2	5.160742	1.13E-01	35291286	35291409	NC_000017.10
cg10601287	3.25E-06	5.03E-07	5.2	5.1598535	1.21E-01	119293861	119293984	NC_000011.9

cg08222399	3.25E-06	5.03E-07	5.2	5.1596018	3.74E-02	16936466	16936589	NC_000005.9
cg22795610	3.25E-06	5.04E-07	5.2	5.1592267	8.12E-02	4803422	4803545	NC_000017.10
cg05449257	3.25E-06	5.04E-07	5.2	5.158739	1.10E-01	75595408	75595531	NC_000001.10
cg24427724	3.25E-06	5.04E-07	5.2	5.1585894	8.69E-02	6234257	6234380	NC_000012.11
cg26870126	3.25E-06	5.04E-07	5.2	5.1584111	9.37E-02	124901477	124901600	NC_000010.10
cg01945840	3.25E-06	5.04E-07	5.2	5.1580025	6.96E-02	36013675	36013798	NC_000022.10
cg18422875	3.25E-06	5.04E-07	5.2	5.1578341	1.58E-01	113697897	113698020	NC_000005.9
cg05226125	3.25E-06	5.05E-07	5.2	5.1575817	5.00E-02	87594107	87594230	NC_000001.10
cg08384657	3.25E-06	5.05E-07	5.2	5.1573952	6.38E-02	143208406	143208529	NC_000007.13
cg18465245	3.25E-06	5.05E-07	5.2	5.1573902	5.39E-02	30737566	30737689	NC_000003.11
cg21055462	3.26E-06	5.05E-07	5.2	5.1564869	3.68E-02	100276975	100277098	NC_000007.13
cg13619915	3.26E-06	5.05E-07	5.2	5.1563153	1.52E-01	164914437	164914560	NC_000003.11
cg26896979	3.26E-06	5.05E-07	5.2	5.1560442	9.43E-02	10494322	10494445	NC_000001.10
cg01218206	3.26E-06	5.05E-07	5.2	5.1560383	9.32E-02	116933977	116934100	NC_000011.9
cg07447922	3.26E-06	5.05E-07	5.2	5.1559569	1.81E-01	38230827	38230950	NC_000001.10
cg15703377	3.26E-06	5.05E-07	5.2	5.1559501	4.47E-02	71282593	71282716	NC_000017.10
cg13544333	3.26E-06	5.06E-07	5.2	5.1556173	7.11E-02	101287381	101287504	NC_000010.10
cg04678231	3.26E-06	5.06E-07	5.2	5.1542043	6.49E-02	52451268	52451391	NC_000012.11
cg26374206	3.26E-06	5.06E-07	5.2	5.1539552	1.06E-01	12595245	12595368	NC_000019.9
cg24905196	3.27E-06	5.07E-07	5.2	5.1537292	9.97E-02	121555186	121555309	NC_000003.11
cg27434863	3.27E-06	5.07E-07	5.2	5.1531197	2.14E-02	12142497	12142620	NC_000016.9
cg24709285	3.27E-06	5.07E-07	5.2	5.1529374	9.69E-02	7052788	7052911	NC_000004.11
cg18678316	3.27E-06	5.07E-07	5.2	5.1525472	6.50E-02	42260985	42261108	NC_000017.10
cg11015038	3.27E-06	5.07E-07	5.2	5.1519566	1.56E-01	20349568	20349691	NC_000020.10
cg15772133	3.27E-06	5.08E-07	5.2	5.1518892	6.38E-02	33585815	33585938	NC_000002.11

cg16993957	3.27E-06	5.08E-07	5.2	5.1515588	5.23E-02	30867748	30867871	NC_000006.11
cg26981309	3.27E-06	5.08E-07	5.2	5.1507138	1.13E-01	100442002	100442125	NC_000006.11
cg14632140	3.28E-06	5.08E-07	5.2	5.1503832	9.30E-02	16758112	16758235	NC_000012.11
cg24535154	3.28E-06	5.09E-07	5.2	5.1496381	4.41E-02	29946559	29946682	NC_000022.10
cg04630490	3.28E-06	5.09E-07	5.2	5.1493339	7.17E-02	70272395	70272518	NC_000015.9
cg00508975	3.28E-06	5.09E-07	5.2	5.1490743	9.41E-02	26666151	26666274	NC_000003.11
cg03206681	3.28E-06	5.09E-07	5.2	5.1484413	8.42E-02	193512175	193512298	NC_000003.11
cg02844545	3.28E-06	5.09E-07	5.2	5.1483919	1.16E-01	10882043	10882166	NC_000006.11
cg02774186	3.28E-06	5.10E-07	5.2	5.1474044	2.03E-01	57364587	57364710	NC_000018.9
cg19246065	3.29E-06	5.10E-07	5.2	5.1463918	9.74E-02	11245457	11245580	NC_000002.11
cg02182587	3.29E-06	5.11E-07	5.2	5.1451524	9.86E-02	2110497	2110620	NC_000005.9
cg02370767	3.29E-06	5.11E-07	5.2	5.1448734	2.36E-02	3207097	3207220	NC_000020.10
cg02145932	3.29E-06	5.11E-07	5.2	5.1444173	1.78E-01	13200969	13201092	NC_000020.10
cg07494300	3.29E-06	5.11E-07	5.2	5.1443132	1.07E-01	102051019	102051142	NC_000013.10
cg12468496	3.30E-06	5.12E-07	5.2	5.1437025	4.95E-02	93156539	93156662	NC_000008.10
cg22082015	3.30E-06	5.12E-07	5.2	5.1428414	6.65E-02	38252123	38252246	NC_000017.10
cg26574334	3.30E-06	5.12E-07	5.2	5.142726	1.30E-01	134176500	134176623	NC_000006.11
cg07821297	3.30E-06	5.13E-07	5.2	5.1423129	9.73E-02	152596177	152596300	NC_000001.10
cg25302284	3.30E-06	5.13E-07	5.19	5.1410697	6.39E-02	158120045	158120168	NC_000001.10
cg13795948	3.31E-06	5.13E-07	5.19	5.1409823	1.28E-01	133538743	133538866	NC_000009.11
cg13566610	3.31E-06	5.13E-07	5.19	5.140824	1.45E-01	103630083	103630206	NC_000007.13
cg19385331	3.31E-06	5.14E-07	5.19	5.1400669	1.43E-01	100641867	100641990	NC_000013.10
cg01060861	3.31E-06	5.14E-07	5.19	5.1399809	1.37E-01	28033840	28033963	NC_000010.10
cg00872984	3.31E-06	5.14E-07	5.19	5.1393143	1.20E-01	32063991	32064114	NC_000006.11
cg00697992	3.31E-06	5.14E-07	5.19	5.1391851	1.57E-01	139537131	139537254	NC_000002.11

cg16288562	3.32E-06	5.15E-07	5.19	5.1375292	3.32E-02	2111458	2111581	NC_000005.9
cg04588840	3.32E-06	5.15E-07	5.19	5.1369476	1.57E-01	2781685	2781808	NC_000020.10
cg02347527	3.32E-06	5.15E-07	5.19	5.1367858	1.45E-01	113916891	113917014	NC_000012.11
cg03513309	3.32E-06	5.16E-07	5.19	5.1363432	9.58E-02	96930761	96930884	NC_000001.10
cg20115597	3.32E-06	5.16E-07	5.19	5.1363101	7.97E-02	56516248	56516371	NC_000007.13
cg06275853	3.32E-06	5.16E-07	5.19	5.1355259	1.01E-01	20617937	20618060	NC_000011.9
cg00482488	3.32E-06	5.16E-07	5.19	5.1354747	1.63E-01	70216332	70216455	NC_000017.10
cg18710278	3.32E-06	5.16E-07	5.19	5.1349207	1.33E-01	19988366	19988489	NC_000005.9
cg14442992	3.33E-06	5.17E-07	5.19	5.1342017	4.11E-02	150039342	150039465	NC_000007.13
cg14585513	3.33E-06	5.17E-07	5.19	5.133826	1.15E-01	26254060	26254183	NC_000006.11
cg11754318	3.33E-06	5.17E-07	5.19	5.1336455	8.80E-02	176964506	176964629	NC_000002.11
cg20281962	3.33E-06	5.17E-07	5.19	5.1331732	1.39E-01	8089733	8089856	NC_000010.10
cg00318573	3.33E-06	5.17E-07	5.19	5.1331507	1.16E-01	61993118	61993241	NC_000020.10
cg10171332	3.33E-06	5.18E-07	5.19	5.1324801	6.29E-02	57842079	57842202	NC_000012.11
cg06140051	3.33E-06	5.18E-07	5.19	5.1324619	6.47E-02	6479361	6479484	NC_000011.9
cg07192718	3.33E-06	5.18E-07	5.19	5.132332	1.06E-01	55445837	55445960	NC_000001.10
cg20763234	3.33E-06	5.18E-07	5.19	5.1319648	6.73E-02	1854608	1854731	NC_000008.10
cg17462140	3.33E-06	5.18E-07	5.19	5.1315965	9.22E-02	2162363	2162486	NC_000011.9
cg06678468	3.33E-06	5.18E-07	5.19	5.1315682	7.62E-02	114551190	114551313	NC_000006.11
cg27234490	3.34E-06	5.19E-07	5.19	5.1306372	3.23E-02	58174435	58174558	NC_000003.11
cg10791580	3.34E-06	5.19E-07	5.19	5.1306159	6.58E-02	131147870	131147993	NC_000006.11
cg00499475	3.34E-06	5.19E-07	5.19	5.1303649	1.63E-01	115122304	115122427	NC_000012.11
cg25792581	3.34E-06	5.19E-07	5.19	5.1298438	7.69E-02	7597305	7597428	NC_000002.11
cg24781804	3.34E-06	5.19E-07	5.19	5.1296445	4.49E-02	72118736	72118859	NC_000004.11
cg17810966	3.34E-06	5.19E-07	5.19	5.1296058	3.29E-02	95460771	95460894	NC_000004.11

cg03427298	3.34E-06	5.20E-07	5.19	5.1286898	9.17E-02	68982098	68982221	NC_000003.11
cg26349869	3.34E-06	5.20E-07	5.19	5.1286728	5.77E-02	7528468	7528591	NC_000004.11
cg04819760	3.35E-06	5.20E-07	5.19	5.1278203	1.43E-01	22765645	22765768	NC_000010.10
cg24496154	3.35E-06	5.20E-07	5.19	5.1277783	8.98E-02	30483519	30483642	NC_000015.9
cg18267374	3.35E-06	5.20E-07	5.19	5.1277161	1.02E-01	24771273	24771396	NC_000008.10
cg26892444	3.35E-06	5.21E-07	5.19	5.1273601	1.11E-01	63987010	63987133	NC_000005.9
cg13170076	3.35E-06	5.21E-07	5.19	5.1273426	6.52E-02	382356	382479	NC_000002.11
cg12975230	3.35E-06	5.21E-07	5.19	5.1266884	1.96E-01	73167671	73167794	NC_000018.9
cg16762735	3.35E-06	5.22E-07	5.19	5.1253306	9.29E-02	188916814	188916937	NC_000004.11
cg04060909	3.36E-06	5.22E-07	5.19	5.1237465	7.16E-02	38069519	38069642	NC_000010.10
cg24307799	3.36E-06	5.23E-07	5.19	5.1229513	1.06E-01	238931	239054	NC_000003.11
cg12259469	3.37E-06	5.23E-07	5.19	5.1220409	1.31E-01	39017305	39017428	NC_000007.13
cg00355389	3.37E-06	5.24E-07	5.19	5.121461	1.00E-01	139653431	139653554	NC_000003.11
cg27630202	3.37E-06	5.24E-07	5.19	5.120827	6.12E-02	140799305	140799428	NC_000005.9
cg17129262	3.37E-06	5.25E-07	5.19	5.1196811	6.61E-02	41617803	41617926	NC_000006.11
cg12376916	3.37E-06	5.25E-07	5.19	5.1196746	6.47E-02	159699732	159699855	NC_000005.9
cg12664464	3.37E-06	5.25E-07	5.19	5.1196609	2.04E-01	61051021	61051144	NC_000020.10
cg16458596	3.37E-06	5.25E-07	5.19	5.1193484	9.48E-02	99584812	99584935	NC_000014.8
cg19665765	3.38E-06	5.26E-07	5.19	5.117357	3.70E-02	155575489	155575612	NC_000006.11
cg10533103	3.38E-06	5.26E-07	5.19	5.1170661	4.75E-02	212688961	212689084	NC_000001.10
cg03338633	3.38E-06	5.26E-07	5.19	5.1170295	5.15E-02	105935004	105935127	NC_000013.10
cg06799305	3.38E-06	5.27E-07	5.19	5.1161566	2.19E-02	78551370	78551493	NC_000017.10
cg03663788	3.38E-06	5.27E-07	5.19	5.116098	5.52E-02	64514658	64514781	NC_000011.9
cg10423052	3.39E-06	5.27E-07	5.19	5.1155189	1.49E-01	22562469	22562592	NC_000008.10
cg17804611	3.39E-06	5.27E-07	5.19	5.1147409	1.06E-01	15804917	15805040	NC_000002.11

cg20712925	3.39E-06	5.27E-07	5.19	5.1146293	3.76E-02	18657397	18657520	NC_000019.9
cg10606490	3.39E-06	5.28E-07	5.19	5.1143248	1.53E-01	111385450	111385573	NC_000011.9
cg14069465	3.39E-06	5.28E-07	5.19	5.1142916	1.48E-02	33248707	33248830	NC_000006.11
cg27561907	3.39E-06	5.28E-07	5.19	5.1141933	7.49E-02	2848830	2848953	NC_000016.9
cg03959232	3.39E-06	5.28E-07	5.19	5.1140232	7.62E-02	140621344	140621467	NC_000005.9
cg08928189	3.39E-06	5.28E-07	5.19	5.1132323	7.87E-02	15757906	15758029	NC_000001.10
cg05871694	3.40E-06	5.29E-07	5.19	5.1121513	1.12E-01	177053503	177053626	NC_000002.11
cg23115387	3.40E-06	5.29E-07	5.19	5.1118019	7.02E-02	47882936	47883059	NC_000001.10
cg20991819	3.40E-06	5.29E-07	5.19	5.1114297	9.78E-02	218617769	218617892	NC_000001.10
cg25962358	3.40E-06	5.29E-07	5.19	5.1113024	8.77E-02	140347293	140347416	NC_000005.9
cg01959429	3.40E-06	5.29E-07	5.19	5.1108938	4.97E-02	176764224	176764347	NC_000005.9
cg10961733	3.40E-06	5.30E-07	5.19	5.1105175	9.63E-02	6807134	6807257	NC_000010.10
cg16690876	3.40E-06	5.30E-07	5.19	5.1103107	8.21E-02	19845638	19845761	NC_000017.10
cg02780919	3.40E-06	5.30E-07	5.19	5.1102605	1.01E-01	9026308	9026431	NC_000011.9
cg07730007	3.41E-06	5.30E-07	5.19	5.1091146	7.85E-02	107377277	107377400	NC_000012.11
cg03094083	3.41E-06	5.31E-07	5.19	5.1081174	8.88E-02	26864469	26864592	NC_000017.10
cg14785479	3.41E-06	5.31E-07	5.19	5.1079979	1.08E-01	20792535	20792658	NC_000022.10
cg16781647	3.41E-06	5.31E-07	5.19	5.1079265	2.03E-01	73151595	73151718	NC_000002.11
cg09382002	3.41E-06	5.31E-07	5.19	5.1079064	5.04E-02	6590564	6590687	NC_000007.13
cg05839818	3.41E-06	5.31E-07	5.19	5.1075564	9.28E-02	85634031	85634154	NC_000016.9
cg15812753	3.42E-06	5.32E-07	5.19	5.106509	8.52E-02	177029813	177029936	NC_000002.11
cg21435336	3.42E-06	5.33E-07	5.19	5.1052814	1.43E-01	17392852	17392975	NC_000019.9
cg15079326	3.42E-06	5.33E-07	5.19	5.1051619	1.42E-02	110882112	110882235	NC_000001.10
cg04706867	3.42E-06	5.33E-07	5.19	5.1049547	1.35E-01	145813031	145813154	NC_000007.13
cg05738470	3.42E-06	5.33E-07	5.19	5.1049399	5.21E-02	603743	603866	NC_000016.9

cg07669182	3.42E-06	5.33E-07	5.19	5.1040626	6.01E-02	39203755	39203878	NC_000005.9
cg12600174	3.42E-06	5.33E-07	5.19	5.1039626	1.55E-01	27205230	27205353	NC_000007.13
cg00913953	3.42E-06	5.33E-07	5.19	5.1038921	1.53E-02	6189040	6189163	NC_000001.10
cg21088983	3.43E-06	5.34E-07	5.19	5.1034598	1.35E-01	62200463	62200586	NC_000008.10
cg16532497	3.43E-06	5.34E-07	5.19	5.103151	1.14E-01	44448931	44449054	NC_000004.11
cg20948778	3.43E-06	5.34E-07	5.19	5.1028898	1.72E-02	30643516	30643639	NC_000007.13
cg24703168	3.43E-06	5.34E-07	5.19	5.1022872	1.12E-01	28411309	28411432	NC_000006.11
cg20510207	3.44E-06	5.35E-07	5.19	5.1005214	1.82E-01	38230779	38230902	NC_000001.10
cg22517705	3.44E-06	5.35E-07	5.19	5.1004807	9.87E-02	26645313	26645436	NC_000001.10
cg13491462	3.44E-06	5.36E-07	5.19	5.0997533	1.06E-01	1384491	1384614	NC_000006.11
cg03543861	3.44E-06	5.36E-07	5.19	5.0993338	7.81E-02	44258195	44258318	NC_000021.8
cg10094693	3.44E-06	5.36E-07	5.19	5.0992867	1.99E-02	43383033	43383156	NC_000001.10
cg27578977	3.44E-06	5.36E-07	5.19	5.099087	8.11E-02	23018266	23018389	NC_000020.10
cg03780701	3.44E-06	5.36E-07	5.19	5.099053	9.15E-02	38965386	38965509	NC_000008.10
cg01227445	3.44E-06	5.36E-07	5.19	5.0989338	4.27E-02	6992632	6992755	NC_000012.11
cg07706810	3.44E-06	5.36E-07	5.19	5.0983633	3.49E-02	202208065	202208188	NC_000001.10
cg13688098	3.44E-06	5.36E-07	5.19	5.0983244	4.33E-02	57181855	57181978	NC_000004.11
cg23094666	3.44E-06	5.36E-07	5.19	5.0981921	2.58E-02	100857676	100857799	NC_000014.8
cg21473741	3.44E-06	5.37E-07	5.19	5.0977468	1.06E-01	138436009	138436132	NC_000007.13
cg06830148	3.45E-06	5.37E-07	5.19	5.0975197	8.37E-02	2004777	2004900	NC_000016.9
cg19620668	3.45E-06	5.37E-07	5.19	5.0973018	5.11E-02	129214879	129215002	NC_000007.13
cg16509592	3.45E-06	5.37E-07	5.19	5.0970209	6.63E-02	106120415	106120538	NC_000002.11
cg13954127	3.45E-06	5.37E-07	5.19	5.0964602	8.59E-02	138675481	138675604	NC_000009.11
cg23888238	3.45E-06	5.37E-07	5.19	5.096359	8.41E-02	109192755	109192878	NC_000004.11
cg09769218	3.45E-06	5.38E-07	5.18	5.0962897	7.02E-02	1961075	1961198	NC_000001.10



cg26836204	3.45E-06	5.38E-07	5.18	5.0961072	9.70E-02	74506668	74506791	NC_000015.9
cg14233354	3.45E-06	5.38E-07	5.18	5.0958442	1.41E-01	99790761	99790884	NC_000010.10
cg20340866	3.45E-06	5.38E-07	5.18	5.0957749	1.40E-01	54391631	54391754	NC_000012.11
cg23093058	3.46E-06	5.38E-07	5.18	5.0945213	5.66E-02	1662987	1663110	NC_000005.9
cg04017533	3.46E-06	5.39E-07	5.18	5.0944682	1.49E-01	55020099	55020222	NC_000018.9
cg01522456	3.46E-06	5.39E-07	5.18	5.0938505	1.73E-01	115632236	115632359	NC_000001.10
cg17360338	3.46E-06	5.39E-07	5.18	5.0935425	9.23E-02	19500060	19500183	NC_000019.9
cg06734820	3.46E-06	5.39E-07	5.18	5.0933872	3.64E-02	39024195	39024318	NC_000010.10
cg24935135	3.46E-06	5.39E-07	5.18	5.0932546	7.82E-02	62900312	62900435	NC_000002.11
cg08370173	3.46E-06	5.39E-07	5.18	5.0932543	1.00E-01	75537444	75537567	NC_000017.10
cg25084332	3.47E-06	5.40E-07	5.18	5.0914323	1.51E-02	62997409	62997532	NC_000012.11
cg17283111	3.47E-06	5.41E-07	5.18	5.0906534	8.33E-02	77744527	77744650	NC_000001.10
cg03605117	3.47E-06	5.41E-07	5.18	5.0905959	3.33E-02	176922199	176922322	NC_000003.11
cg07075085	3.47E-06	5.41E-07	5.18	5.0904071	9.82E-02	64572729	64572852	NC_000003.11
cg02355411	3.47E-06	5.41E-07	5.18	5.0898116	4.01E-02	49700427	49700550	NC_000019.9
cg15509177	3.47E-06	5.41E-07	5.18	5.0897691	9.83E-02	19919208	19919331	NC_000013.10
cg10597337	3.47E-06	5.41E-07	5.18	5.0897526	5.02E-02	65359466	65359589	NC_000017.10
cg11650858	3.47E-06	5.41E-07	5.18	5.0896282	2.73E-02	16943879	16944002	NC_000001.10
cg13874040	3.47E-06	5.42E-07	5.18	5.0885266	8.48E-02	231751449	231751572	NC_000002.11
cg26926765	3.48E-06	5.42E-07	5.18	5.0880277	9.71E-02	54127349	54127472	NC_000006.11
cg13588800	3.48E-06	5.42E-07	5.18	5.0879314	1.35E-01	19155785	19155908	NC_000007.13
cg23152885	3.48E-06	5.42E-07	5.18	5.0877234	9.32E-02	74422282	74422405	NC_000015.9
cg13646785	3.48E-06	5.42E-07	5.18	5.0873792	1.26E-01	135461935	135462058	NC_000009.11
cg00040312	3.48E-06	5.42E-07	5.18	5.0873392	1.61E-01	54424679	54424802	NC_000012.11
cg22680536	3.48E-06	5.43E-07	5.18	5.0870625	9.34E-02	55636163	55636286	NC_000004.11

cg04908625	3.48E-06	5.43E-07	5.18	5.0868386	7.65E-02	123166882	123167005	NC_000003.11
cg09216081	3.48E-06	5.43E-07	5.18	5.0865533	4.10E-02	134940484	134940607	NC_000010.10
cg19603744	3.48E-06	5.43E-07	5.18	5.0865025	6.88E-02	58554401	58554524	NC_000019.9
cg08063452	3.48E-06	5.43E-07	5.18	5.0864596	3.28E-02	48677668	48677791	NC_000003.11
cg07191594	3.48E-06	5.43E-07	5.18	5.0859346	8.72E-02	44650220	44650343	NC_000020.10
cg07524214	3.48E-06	5.43E-07	5.18	5.0856797	8.53E-02	86825363	86825486	NC_000016.9
cg02423496	3.49E-06	5.44E-07	5.18	5.0848746	3.49E-02	210084	210207	NC_000005.9
cg25603277	3.49E-06	5.44E-07	5.18	5.0847499	1.47E-01	31837607	31837730	NC_000011.9
cg16852892	3.49E-06	5.44E-07	5.18	5.0846024	1.35E-01	89339473	89339596	NC_000008.10
cg26702958	3.49E-06	5.44E-07	5.18	5.0844432	1.12E-01	102996254	102996377	NC_000010.10
cg02045971	3.49E-06	5.45E-07	5.18	5.0834658	8.43E-02	138739874	138739997	NC_000003.11
cg22132982	3.49E-06	5.45E-07	5.18	5.0834656	9.59E-02	13916247	13916370	NC_000003.11
cg12015851	3.50E-06	5.45E-07	5.18	5.0821534	3.56E-02	91425292	91425415	NC_000015.9
cg13658899	3.50E-06	5.46E-07	5.18	5.081848	9.57E-02	139094665	139094788	NC_000009.11
cg20961943	3.50E-06	5.46E-07	5.18	5.0811656	9.20E-02	27066577	27066700	NC_000014.8
cg14563449	3.50E-06	5.46E-07	5.18	5.0807717	3.29E-02	137021138	137021261	NC_000009.11
cg11743675	3.50E-06	5.46E-07	5.18	5.0802293	1.27E-01	41221855	41221978	NC_000012.11
cg06633429	3.50E-06	5.47E-07	5.18	5.0794973	1.49E-01	76941396	76941519	NC_000005.9
cg16902385	3.51E-06	5.47E-07	5.18	5.0787043	1.45E-01	55019669	55019792	NC_000018.9
cg16049364	3.51E-06	5.48E-07	5.18	5.0772477	1.06E-01	244080978	244081101	NC_000001.10
cg09788390	3.51E-06	5.48E-07	5.18	5.0771496	7.23E-02	86921471	86921594	NC_000001.10
cg26140007	3.52E-06	5.49E-07	5.18	5.0750443	3.19E-02	64395544	64395667	NC_000005.9
cg19133443	3.52E-06	5.50E-07	5.18	5.0747801	7.65E-02	63174851	63174974	NC_000010.10
cg25662963	3.52E-06	5.50E-07	5.18	5.0743707	1.39E-01	69062887	69063010	NC_000007.13
cg16692735	3.53E-06	5.51E-07	5.18	5.0717996	8.09E-02	135259860	135259983	NC_000010.10

cg26495953	3.53E-06	5.51E-07	5.18	5.0717058	8.49E-02	43937289	43937412	NC_000020.10
cg15964212	3.53E-06	5.52E-07	5.18	5.0712401	9.45E-02	67999390	67999513	NC_000014.8
cg13827597	3.53E-06	5.52E-07	5.18	5.0710139	5.50E-02	129282394	129282517	NC_000009.11
cg06464468	3.53E-06	5.52E-07	5.18	5.0707389	1.10E-01	65414413	65414536	NC_000011.9
cg03390245	3.54E-06	5.52E-07	5.18	5.0706322	7.87E-02	156819061	156819184	NC_000001.10
cg01959238	3.54E-06	5.52E-07	5.18	5.0697654	1.46E-01	85200915	85201038	NC_000016.9
cg21441657	3.54E-06	5.53E-07	5.18	5.0695129	5.64E-02	3643404	3643527	NC_000004.11
cg13659970	3.54E-06	5.53E-07	5.18	5.068851	7.81E-02	106054129	106054252	NC_000014.8
cg21102121	3.54E-06	5.53E-07	5.18	5.0688425	9.32E-02	54401295	54401418	NC_000019.9
cg07061368	3.54E-06	5.53E-07	5.18	5.0688407	9.17E-02	35631736	35631859	NC_000006.11
cg26829131	3.54E-06	5.53E-07	5.18	5.0688331	1.38E-01	54393375	54393498	NC_000012.11
cg19453181	3.54E-06	5.53E-07	5.18	5.0686725	1.40E-01	48011002	48011125	NC_000015.9
cg21206652	3.54E-06	5.53E-07	5.18	5.0685723	6.94E-02	144790187	144790310	NC_000008.10
cg07502936	3.54E-06	5.53E-07	5.18	5.0681699	4.90E-02	58571638	58571761	NC_000019.9
cg17301223	3.54E-06	5.53E-07	5.18	5.0680948	1.22E-01	145106438	145106561	NC_000008.10
cg23962872	3.54E-06	5.53E-07	5.18	5.0680791	6.75E-02	1345372	1345495	NC_000008.10
cg18424431	3.54E-06	5.53E-07	5.18	5.0680313	3.55E-02	32052264	32052387	NC_000006.11
cg21571339	3.54E-06	5.53E-07	5.18	5.0679266	1.56E-01	86001111	86001234	NC_000014.8
cg05410102	3.54E-06	5.54E-07	5.18	5.0676909	1.41E-02	57416074	57416197	NC_000016.9
cg08648727	3.55E-06	5.54E-07	5.18	5.0670376	1.15E-01	58446436	58446559	NC_000019.9
cg07214715	3.55E-06	5.54E-07	5.18	5.0668497	4.51E-02	86114883	86115006	NC_000002.11
cg16289029	3.55E-06	5.54E-07	5.18	5.0667384	1.11E-01	31473577	31473700	NC_000012.11
cg19463228	3.55E-06	5.54E-07	5.18	5.0666576	6.33E-02	24028302	24028425	NC_000014.8
cg10321339	3.55E-06	5.55E-07	5.18	5.0656208	9.21E-02	369810	369933	NC_000011.9
cg01506298	3.55E-06	5.55E-07	5.18	5.0653386	9.73E-02	89065442	89065565	NC_000002.11

cg08769966	3.55E-06	5.55E-07	5.18	5.0650653	2.00E-01	92937735	92937858	NC_000015.9
cg09411719	3.55E-06	5.55E-07	5.18	5.0648461	1.32E-01	27513009	27513132	NC_000006.11
cg03327643	3.56E-06	5.55E-07	5.18	5.0645121	5.81E-02	245836835	245836958	NC_000001.10
cg21168444	3.56E-06	5.56E-07	5.18	5.0633432	9.57E-02	11896095	11896218	NC_000012.11
cg03914922	3.56E-06	5.56E-07	5.18	5.0629568	1.04E-01	87985200	87985323	NC_000005.9
cg17890850	3.56E-06	5.56E-07	5.18	5.0628919	3.33E-02	79954500	79954623	NC_000017.10
cg24908882	3.56E-06	5.56E-07	5.18	5.062839	1.57E-01	179780563	179780686	NC_000005.9
cg15295775	3.56E-06	5.57E-07	5.18	5.0617059	3.34E-02	44413609	44413732	NC_000006.11
cg16257013	3.57E-06	5.58E-07	5.18	5.0604857	6.67E-02	30167403	30167526	NC_000006.11
cg00992145	3.57E-06	5.58E-07	5.18	5.0602771	6.45E-02	36891623	36891746	NC_000020.10
cg06480482	3.57E-06	5.58E-07	5.18	5.0601441	4.72E-02	29265720	29265843	NC_000016.9
cg13707623	3.57E-06	5.58E-07	5.18	5.059456	8.40E-02	57766574	57766697	NC_000020.10
cg26826117	3.57E-06	5.59E-07	5.18	5.0588709	4.56E-02	85116902	85117025	NC_000015.9
cg26745222	3.58E-06	5.59E-07	5.18	5.0582796	1.66E-01	42543878	42544001	NC_000020.10
cg01593834	3.58E-06	5.59E-07	5.18	5.0579441	1.12E-01	145718401	145718524	NC_000005.9
cg11914962	3.58E-06	5.59E-07	5.18	5.0577245	7.90E-02	97842268	97842391	NC_000007.13
cg11124080	3.58E-06	5.60E-07	5.18	5.0567906	1.02E-01	119295875	119295998	NC_000010.10
cg22895198	3.58E-06	5.60E-07	5.18	5.0566638	7.19E-02	74978020	74978143	NC_000005.9
cg03876618	3.58E-06	5.60E-07	5.18	5.0566471	1.40E-01	57976034	57976157	NC_000004.11
cg17390646	3.58E-06	5.60E-07	5.18	5.0566316	2.13E-02	132872395	132872518	NC_000012.11
cg14156498	3.58E-06	5.60E-07	5.18	5.0564395	9.47E-02	1047246	1047369	NC_000009.11
cg00888007	3.58E-06	5.60E-07	5.18	5.0564305	1.54E-01	4382184	4382307	NC_000012.11
cg00979076	3.58E-06	5.60E-07	5.18	5.0563185	1.28E-01	24123271	24123394	NC_000015.9
cg08789696	3.58E-06	5.60E-07	5.18	5.0560626	2.27E-02	2575895	2576018	NC_000002.11
cg21342567	3.59E-06	5.61E-07	5.18	5.0555681	9.72E-02	36484087	36484210	NC_000013.10

cg03529367	3.59E-06	5.61E-07	5.18	5.0552951	3.30E-02	102087309	102087432	NC_000007.13
cg08224682	3.59E-06	5.61E-07	5.18	5.0552876	8.95E-02	92684164	92684287	NC_000005.9
cg23108037	3.59E-06	5.61E-07	5.18	5.0548038	9.53E-02	3507069	3507192	NC_000001.10
cg10858623	3.59E-06	5.61E-07	5.18	5.0541778	2.41E-02	1538120	1538243	NC_000005.9
cg09854709	3.59E-06	5.61E-07	5.18	5.0541124	8.26E-02	156903097	156903220	NC_000001.10
cg25049698	3.59E-06	5.62E-07	5.18	5.0537018	1.47E-01	50692605	50692728	NC_000006.11
cg25147632	3.59E-06	5.62E-07	5.18	5.0535284	1.01E-01	84027418	84027541	NC_000010.10
cg10877084	3.59E-06	5.62E-07	5.18	5.0533245	1.68E-01	87967728	87967851	NC_000005.9
cg08774009	3.60E-06	5.63E-07	5.18	5.0522032	7.84E-02	49309094	49309217	NC_000008.10
cg22747076	3.60E-06	5.63E-07	5.18	5.0514858	1.77E-01	54447873	54447996	NC_000012.11
cg01932182	3.60E-06	5.63E-07	5.18	5.0513554	5.07E-02	3689368	3689491	NC_000002.11
cg05330297	3.60E-06	5.63E-07	5.18	5.0512513	1.25E-01	90527606	90527729	NC_000014.8
cg00241664	3.60E-06	5.63E-07	5.18	5.0507649	2.22E-02	1611966	1612089	NC_000016.9
cg22110267	3.60E-06	5.63E-07	5.18	5.0507432	8.41E-02	75052065	75052188	NC_000011.9
cg27221554	3.60E-06	5.63E-07	5.18	5.0507215	3.03E-02	29924188	29924311	NC_000008.10
cg27382910	3.60E-06	5.63E-07	5.17	5.0506915	9.01E-02	129807539	129807662	NC_000010.10
cg03086857	3.60E-06	5.63E-07	5.17	5.0505912	1.10E-01	78492568	78492691	NC_000013.10
cg05337137	3.60E-06	5.64E-07	5.17	5.0501433	8.54E-02	6223463	6223586	NC_000004.11
cg12134230	3.61E-06	5.64E-07	5.17	5.0492404	3.06E-02	10703262	10703385	NC_000011.9
cg25739366	3.61E-06	5.64E-07	5.17	5.0489412	6.33E-02	57004007	57004130	NC_000011.9
cg14410319	3.61E-06	5.65E-07	5.17	5.048186	1.22E-01	134070598	134070721	NC_000004.11
cg05611218	3.62E-06	5.66E-07	5.17	5.0467743	1.31E-02	43121586	43121709	NC_000005.9
cg02324529	3.62E-06	5.66E-07	5.17	5.0460334	2.90E-02	57179371	57179494	NC_000004.11
cg14093570	3.62E-06	5.66E-07	5.17	5.0454699	1.48E-02	16679143	16679266	NC_000001.10
cg07990736	3.62E-06	5.67E-07	5.17	5.0453177	1.31E-01	37026418	37026541	NC_000009.11

cg00942551	3.62E-06	5.67E-07	5.17	5.0447758	1.53E-01	3585406	3585529	NC_000019.9
cg15818632	3.63E-06	5.68E-07	5.17	5.0432701	7.81E-02	3017794	3017917	NC_000001.10
cg08353479	3.63E-06	5.68E-07	5.17	5.043104	6.79E-02	1267618	1267741	NC_000016.9
cg27493928	3.63E-06	5.68E-07	5.17	5.0430385	1.30E-01	44144279	44144402	NC_000007.13
cg21361094	3.63E-06	5.68E-07	5.17	5.0427687	1.26E-01	58021917	58022040	NC_000012.11
cg19322509	3.63E-06	5.68E-07	5.17	5.0425505	3.50E-02	43851891	43852014	NC_000001.10
cg09202971	3.63E-06	5.69E-07	5.17	5.0417755	3.32E-02	100731207	100731330	NC_000013.10
cg26874634	3.64E-06	5.69E-07	5.17	5.0407926	2.18E-02	49022278	49022401	NC_000017.10
cg21877680	3.64E-06	5.69E-07	5.17	5.0405314	9.22E-02	43132507	43132630	NC_000008.10
cg09845883	3.64E-06	5.69E-07	5.17	5.0403537	5.82E-02	154197610	154197733	NC_000001.10
cg23986335	3.64E-06	5.70E-07	5.17	5.0400277	1.38E-01	18059456	18059579	NC_000002.11
cg02767356	3.64E-06	5.70E-07	5.17	5.0389496	7.75E-02	43456065	43456188	NC_000006.11
cg12224388	3.65E-06	5.71E-07	5.17	5.0384504	1.03E-01	545599	545722	NC_000002.11
cg14644865	3.65E-06	5.71E-07	5.17	5.0375348	3.21E-02	994943	995066	NC_000010.10
cg12354729	3.65E-06	5.71E-07	5.17	5.0371304	1.79E-02	50769083	50769206	NC_000020.10
cg00330492	3.66E-06	5.72E-07	5.17	5.0354306	1.58E-01	28352558	28352681	NC_000015.9
cg07726139	3.66E-06	5.73E-07	5.17	5.0349234	1.42E-01	228652528	228652651	NC_000001.10
cg20919143	3.66E-06	5.73E-07	5.17	5.0348933	4.21E-02	105739057	105739180	NC_000014.8
cg13823327	3.66E-06	5.73E-07	5.17	5.034228	4.28E-02	137926784	137926907	NC_000009.11
cg05306070	3.66E-06	5.73E-07	5.17	5.0335875	2.00E-01	45770298	45770421	NC_000021.8
cg22097768	3.66E-06	5.73E-07	5.17	5.0335469	1.42E-01	61615913	61616036	NC_000017.10
cg21276456	3.66E-06	5.73E-07	5.17	5.0335369	2.95E-02	135467680	135467803	NC_000006.11
cg20996561	3.66E-06	5.74E-07	5.17	5.0331491	9.04E-02	40082316	40082439	NC_000022.10
cg18674899	3.67E-06	5.75E-07	5.17	5.03125	1.02E-01	83904319	83904442	NC_000006.11
cg06721796	3.67E-06	5.75E-07	5.17	5.0307442	7.01E-02	44037519	44037642	NC_000020.10

cg16212053	3.67E-06	5.75E-07	5.17	5.0304922	1.22E-01	176333705	176333828	NC_000002.11
cg00960186	3.67E-06	5.75E-07	5.17	5.0302785	1.97E-01	5890358	5890481	NC_000004.11
cg16079774	3.68E-06	5.76E-07	5.17	5.0297182	1.28E-01	22364498	22364621	NC_000011.9
cg18683604	3.68E-06	5.76E-07	5.17	5.0290951	1.65E-01	51561293	51561416	NC_000014.8
cg13777783	3.68E-06	5.76E-07	5.17	5.0290204	5.81E-02	79615861	79615984	NC_000017.10
cg01519897	3.68E-06	5.76E-07	5.17	5.028879	1.10E-01	153859049	153859172	NC_000005.9
cg14172108	3.68E-06	5.76E-07	5.17	5.0287858	8.50E-02	34405553	34405676	NC_000021.8
cg07562773	3.68E-06	5.76E-07	5.17	5.0286483	4.28E-02	29075159	29075282	NC_000022.10
cg17474338	3.68E-06	5.76E-07	5.17	5.0285026	1.54E-01	28733950	28734073	NC_000006.11
cg15841511	3.68E-06	5.77E-07	5.17	5.028219	6.11E-02	66829701	66829824	NC_000007.13
cg18560936	3.68E-06	5.77E-07	5.17	5.0281166	8.92E-02	1632620	1632743	NC_000007.13
cg01705934	3.68E-06	5.77E-07	5.17	5.0279335	6.27E-02	155258915	155259038	NC_000007.13
cg17003607	3.68E-06	5.77E-07	5.17	5.0275432	5.11E-02	61871452	61871575	NC_000020.10
cg16106368	3.68E-06	5.77E-07	5.17	5.0274175	1.83E-01	5890369	5890492	NC_000004.11
cg03936251	3.69E-06	5.77E-07	5.17	5.0270482	4.39E-02	55530254	55530377	NC_000005.9
cg24678581	3.69E-06	5.77E-07	5.17	5.0268192	5.88E-02	170882542	170882665	NC_000005.9
cg18365536	3.69E-06	5.78E-07	5.17	5.0265697	7.24E-02	32027603	32027726	NC_000006.11
cg11069317	3.69E-06	5.78E-07	5.17	5.0263539	6.23E-02	37603654	37603777	NC_000022.10
cg08271259	3.69E-06	5.78E-07	5.17	5.0262026	1.18E-01	219504623	219504746	NC_000001.10
cg26000460	3.69E-06	5.78E-07	5.17	5.0259388	4.59E-02	39328038	39328161	NC_000001.10
cg08840847	3.69E-06	5.78E-07	5.17	5.0252929	1.09E-01	26758238	26758361	NC_000006.11
cg10528482	3.69E-06	5.79E-07	5.17	5.0247202	8.43E-02	525771	525894	NC_000005.9
cg27180298	3.69E-06	5.79E-07	5.17	5.0242833	5.82E-02	88261431	88261554	NC_000016.9
cg23174616	3.69E-06	5.79E-07	5.17	5.0242789	1.08E-01	145713698	145713821	NC_000005.9
cg03347559	3.70E-06	5.79E-07	5.17	5.0241551	8.73E-02	3225059	3225182	NC_000011.9

cg24461171	3.70E-06	5.79E-07	5.17	5.0238848	8.58E-02	197745025	197745148	NC_000001.10
cg14185025	3.70E-06	5.79E-07	5.17	5.0237955	1.58E-01	100259341	100259464	NC_000014.8
cg01671895	3.70E-06	5.79E-07	5.17	5.0235961	1.09E-01	100997799	100997922	NC_000011.9
cg22472267	3.70E-06	5.80E-07	5.17	5.0233577	6.30E-02	31851871	31851994	NC_000005.9
cg03107393	3.70E-06	5.80E-07	5.17	5.023262	1.41E-01	46692553	46692676	NC_000017.10
cg24931520	3.70E-06	5.80E-07	5.17	5.0227712	1.12E-01	99291587	99291710	NC_000006.11
cg17557002	3.70E-06	5.80E-07	5.17	5.0226522	6.35E-02	169244651	169244774	NC_000006.11
cg14463412	3.70E-06	5.80E-07	5.17	5.0225057	1.11E-01	96588830	96588953	NC_000009.11
cg01482790	3.70E-06	5.80E-07	5.17	5.0221457	1.15E-01	8513923	8514046	NC_000019.9
cg25513535	3.70E-06	5.80E-07	5.17	5.0220324	8.46E-02	15589441	15589564	NC_000021.8
cg13359948	3.70E-06	5.81E-07	5.17	5.0217253	1.90E-01	58458769	58458892	NC_000019.9
cg25404458	3.71E-06	5.81E-07	5.17	5.0208404	3.66E-02	60966991	60967114	NC_000020.10
cg20001829	3.71E-06	5.81E-07	5.17	5.0208306	1.57E-01	118402342	118402465	NC_000011.9
cg13593448	3.71E-06	5.81E-07	5.17	5.0206033	4.28E-02	41111757	41111880	NC_000019.9
cg26293546	3.71E-06	5.82E-07	5.17	5.019898	1.50E-01	214162659	214162782	NC_000001.10
cg09734541	3.71E-06	5.82E-07	5.17	5.0198344	6.19E-02	64475892	64476015	NC_000012.11
cg01577751	3.71E-06	5.82E-07	5.17	5.0194396	1.09E-01	54332222	54332345	NC_000012.11
cg25819441	3.71E-06	5.82E-07	5.17	5.0193595	9.77E-02	38307803	38307926	NC_000019.9
cg04011995	3.71E-06	5.82E-07	5.17	5.0191394	9.77E-02	41326317	41326440	NC_000001.10
cg04148489	3.71E-06	5.82E-07	5.17	5.0190512	4.54E-02	135096710	135096833	NC_000010.10
cg04781626	3.72E-06	5.83E-07	5.17	5.0181666	9.84E-02	135172091	135172214	NC_000003.11
cg21754201	3.72E-06	5.83E-07	5.17	5.0181103	6.65E-02	32032817	32032940	NC_000006.11
cg06679270	3.72E-06	5.83E-07	5.17	5.0168603	8.89E-02	101084980	101085103	NC_000015.9
cg03111498	3.72E-06	5.84E-07	5.17	5.0164274	8.98E-02	25062860	25062983	NC_000020.10
cg05764839	3.72E-06	5.84E-07	5.17	5.0164211	8.50E-02	32118298	32118421	NC_000006.11



cg13754661	3.72E-06	5.84E-07	5.17	5.0158182	1.69E-01	137533360	137533483	NC_000009.11
cg14073497	3.72E-06	5.84E-07	5.17	5.0156397	8.28E-02	68611479	68611602	NC_000011.9
cg05291965	3.72E-06	5.84E-07	5.17	5.0156385	6.16E-02	47382583	47382706	NC_000002.11
cg12628659	3.73E-06	5.84E-07	5.17	5.0153486	1.48E-01	79576216	79576339	NC_000015.9
cg08448407	3.73E-06	5.85E-07	5.17	5.0148448	9.13E-02	54633831	54633954	NC_000010.10
cg13189149	3.73E-06	5.85E-07	5.17	5.0142117	1.20E-01	102985868	102985991	NC_000010.10
cg05481257	3.73E-06	5.85E-07	5.17	5.0142088	1.07E-01	20870211	20870334	NC_000002.11
cg15575875	3.73E-06	5.85E-07	5.17	5.0137145	8.96E-02	85220088	85220211	NC_000001.10
cg03365437	3.73E-06	5.86E-07	5.17	5.013264	1.17E-01	58357874	58357997	NC_000015.9
cg27498114	3.73E-06	5.86E-07	5.17	5.0130317	1.09E-01	37823292	37823415	NC_000008.10
cg10111604	3.74E-06	5.86E-07	5.17	5.0126544	5.27E-02	29530950	29531073	NC_000012.11
cg00693060	3.74E-06	5.86E-07	5.17	5.0126108	4.91E-02	360072	360195	NC_000019.9
cg15792338	3.74E-06	5.86E-07	5.17	5.0118515	1.56E-01	31840743	31840866	NC_000019.9
cg10829693	3.74E-06	5.86E-07	5.17	5.0118215	1.18E-01	34396221	34396344	NC_000021.8
cg12300084	3.74E-06	5.87E-07	5.17	5.0117764	3.01E-02	2695197	2695320	NC_000007.13
cg17075808	3.74E-06	5.87E-07	5.17	5.0114941	1.06E-01	225774214	225774337	NC_000002.11
cg20525088	3.74E-06	5.87E-07	5.17	5.0114867	9.35E-02	112859484	112859607	NC_000013.10
cg05002305	3.74E-06	5.87E-07	5.17	5.0111564	5.56E-02	1273661	1273784	NC_000011.9
cg05972386	3.74E-06	5.87E-07	5.17	5.0110647	5.01E-02	48844763	48844886	NC_000002.11
cg06530490	3.74E-06	5.87E-07	5.17	5.0105348	1.68E-01	118981783	118981906	NC_000002.11
cg27167601	3.74E-06	5.87E-07	5.17	5.0104019	1.12E-01	61521923	61522046	NC_000015.9
cg12973753	3.75E-06	5.88E-07	5.17	5.0094015	9.47E-02	26208128	26208251	NC_000006.11
cg12543219	3.75E-06	5.88E-07	5.17	5.0090656	1.24E-01	135016451	135016574	NC_000010.10
cg27635069	3.75E-06	5.88E-07	5.17	5.0086506	1.11E-01	115880381	115880504	NC_000001.10
cg06609094	3.75E-06	5.88E-07	5.17	5.0086013	1.13E-01	175132842	175132965	NC_000004.11

cg21963643	3.75E-06	5.89E-07	5.17	5.0084318	1.56E-01	181451911	181452034	NC_000001.10
cg20687190	3.75E-06	5.89E-07	5.17	5.008238	3.85E-02	43361605	43361728	NC_000010.10
cg06830348	3.75E-06	5.89E-07	5.17	5.0081324	5.70E-02	55035997	55036120	NC_000018.9
cg14035969	3.75E-06	5.89E-07	5.17	5.0071665	8.04E-02	221068423	221068546	NC_000001.10
cg12437821	3.76E-06	5.90E-07	5.17	5.0064744	1.46E-01	114852027	114852150	NC_000012.11
cg15171155	3.76E-06	5.90E-07	5.17	5.006181	1.15E-01	142844036	142844159	NC_000003.11
cg08258650	3.76E-06	5.91E-07	5.16	5.0051301	6.01E-02	35441900	35442023	NC_000011.9
cg07488506	3.76E-06	5.91E-07	5.16	5.0045761	8.96E-02	78631626	78631749	NC_000015.9
cg19447923	3.77E-06	5.91E-07	5.16	5.0038483	8.44E-02	77141126	77141249	NC_000017.10
cg08944430	3.77E-06	5.91E-07	5.16	5.003716	1.73E-01	23848439	23848562	NC_000016.9
cg27151135	3.77E-06	5.92E-07	5.16	5.0031785	7.38E-02	66412241	66412364	NC_000012.11
cg11757357	3.77E-06	5.92E-07	5.16	5.0026746	1.89E-01	131762052	131762175	NC_000010.10
cg04206926	3.77E-06	5.93E-07	5.16	5.0018616	7.68E-02	47453297	47453420	NC_000021.8
cg17104959	3.77E-06	5.93E-07	5.16	5.0016131	1.21E-01	95696376	95696499	NC_000001.10
cg02330371	3.78E-06	5.93E-07	5.16	5.0010505	5.68E-02	21380498	21380621	NC_000015.9
cg04341454	3.78E-06	5.94E-07	5.16	5.0000309	2.61E-02	234255578	234255701	NC_000002.11
cg00991744	3.78E-06	5.94E-07	5.16	4.9997411	1.18E-01	41581484	41581607	NC_000012.11
cg02320784	3.78E-06	5.94E-07	5.16	4.9992152	7.69E-02	26195988	26196111	NC_000012.11
cg27442613	3.78E-06	5.94E-07	5.16	4.9989882	4.90E-02	2801085	2801208	NC_000001.10
cg16340023	3.78E-06	5.94E-07	5.16	4.9987397	4.36E-02	60544932	60545055	NC_000020.10
cg08605326	3.79E-06	5.95E-07	5.16	4.9984563	1.26E-01	50237401	50237524	NC_000017.10
cg04380653	3.79E-06	5.95E-07	5.16	4.9984539	7.16E-02	2293164	2293287	NC_000011.9
cg01139651	3.79E-06	5.95E-07	5.16	4.9975703	5.23E-02	33255541	33255664	NC_000006.11
cg26924294	3.79E-06	5.96E-07	5.16	4.9964542	1.07E-01	98510865	98510988	NC_000001.10
cg03596280	3.80E-06	5.96E-07	5.16	4.995542	1.24E-01	26507323	26507446	NC_000010.10

cg27606567	3.80E-06	5.97E-07	5.16	4.9954172	1.89E-01	44040811	44040934	NC_000003.11
cg20063965	3.80E-06	5.97E-07	5.16	4.9953122	6.89E-02	143546524	143546647	NC_000008.10
cg10190698	3.80E-06	5.97E-07	5.16	4.9952992	2.04E-02	50154770	50154893	NC_000014.8
cg01723995	3.80E-06	5.97E-07	5.16	4.9950265	8.62E-02	64415629	64415752	NC_000001.10
cg16656493	3.80E-06	5.97E-07	5.16	4.9950125	6.86E-02	42893167	42893290	NC_000006.11
cg06554228	3.80E-06	5.97E-07	5.16	4.9944362	3.09E-02	144593057	144593180	NC_000008.10
cg19806327	3.80E-06	5.97E-07	5.16	4.9941784	3.87E-02	53293012	53293135	NC_000019.9
cg10356260	3.80E-06	5.98E-07	5.16	4.9936322	4.93E-02	7593437	7593560	NC_000004.11
cg06716684	3.80E-06	5.98E-07	5.16	4.9932224	1.54E-01	27011480	27011603	NC_000021.8
cg20177315	3.81E-06	5.98E-07	5.16	4.9931294	1.45E-01	69634648	69634771	NC_000011.9
cg07440775	3.81E-06	5.99E-07	5.16	4.9921895	1.02E-01	26507383	26507506	NC_000010.10
cg21821214	3.81E-06	5.99E-07	5.16	4.9919764	1.40E-01	176969223	176969346	NC_000002.11
cg03142586	3.81E-06	5.99E-07	5.16	4.9914065	1.50E-01	58220080	58220203	NC_000019.9
cg10440578	3.81E-06	5.99E-07	5.16	4.9906514	1.40E-01	115397857	115397980	NC_000001.10
cg21868699	3.81E-06	5.99E-07	5.16	4.9906224	9.66E-02	9534366	9534489	NC_000004.11
cg11825524	3.82E-06	6.00E-07	5.16	4.9902197	6.39E-02	38574614	38574737	NC_000021.8
cg10587913	3.82E-06	6.00E-07	5.16	4.9892281	1.29E-01	54392867	54392990	NC_000012.11
cg15038286	3.82E-06	6.01E-07	5.16	4.9886284	8.29E-02	128200723	128200846	NC_000003.11
cg24302133	3.82E-06	6.01E-07	5.16	4.9886097	8.39E-02	181770173	181770296	NC_000001.10
cg10190253	3.82E-06	6.01E-07	5.16	4.9885294	5.37E-02	21730938	21731061	NC_000017.10
cg26379859	3.82E-06	6.01E-07	5.16	4.9880212	1.64E-01	58672888	58673011	NC_000011.9
cg10496762	3.82E-06	6.01E-07	5.16	4.9878652	4.55E-02	8941568	8941691	NC_000016.9
cg13249256	3.82E-06	6.01E-07	5.16	4.9877747	3.98E-02	166958581	166958704	NC_000001.10
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cg05705964	3.83E-06	6.02E-07	5.16	4.9867039	4.69E-02	41453012	41453135	NC_000001.10

cg00133624	3.83E-06	6.02E-07	5.16	4.9857908	1.10E-01	3756130	3756253	NC_000012.11
cg22542731	3.83E-06	6.03E-07	5.16	4.9856601	9.12E-02	128440274	128440397	NC_000002.11
cg11667823	3.83E-06	6.03E-07	5.16	4.9850993	2.19E-02	219521697	219521820	NC_000002.11
cg12965202	3.84E-06	6.03E-07	5.16	4.9847972	6.75E-02	81688436	81688559	NC_000014.8
cg25574691	3.84E-06	6.03E-07	5.16	4.9846843	6.95E-02	39230030	39230153	NC_000003.11
cg10149337	3.84E-06	6.03E-07	5.16	4.9845911	1.07E-01	76734278	76734401	NC_000018.9
cg07269374	3.84E-06	6.04E-07	5.16	4.9841327	1.02E-01	66176707	66176830	NC_000012.11
cg07944278	3.84E-06	6.04E-07	5.16	4.9839313	1.72E-02	35699425	35699548	NC_000006.11
cg20057103	3.84E-06	6.04E-07	5.16	4.9838373	1.11E-01	121740719	121740842	NC_000011.9
cg03945800	3.84E-06	6.04E-07	5.16	4.9831045	1.10E-01	4165515	4165638	NC_000016.9
cg11523191	3.84E-06	6.05E-07	5.16	4.982488	9.01E-02	62187126	62187249	NC_000020.10
cg18327061	3.85E-06	6.05E-07	5.16	4.9817966	1.61E-01	62200380	62200503	NC_000008.10
cg26237512	3.85E-06	6.05E-07	5.16	4.981576	1.59E-01	95388002	95388125	NC_000015.9
cg14857024	3.85E-06	6.05E-07	5.16	4.9815672	2.38E-02	66234241	66234364	NC_000012.11
cg14717170	3.85E-06	6.05E-07	5.16	4.9814089	1.62E-01	164914471	164914594	NC_000003.11
cg20128772	3.85E-06	6.05E-07	5.16	4.9809793	5.57E-02	27498295	27498418	NC_000002.11
cg23123165	3.85E-06	6.05E-07	5.16	4.9809575	2.91E-02	54901015	54901138	NC_000007.13
cg10509323	3.85E-06	6.06E-07	5.16	4.9805241	1.58E-01	170631431	170631554	NC_000001.10
cg24439256	3.85E-06	6.06E-07	5.16	4.9804917	1.39E-01	25464513	25464636	NC_000010.10
cg09171368	3.85E-06	6.06E-07	5.16	4.9804339	8.80E-02	38544936	38545059	NC_000012.11
cg16084133	3.85E-06	6.06E-07	5.16	4.9799858	6.00E-02	28074146	28074269	NC_000022.10
cg21296675	3.86E-06	6.07E-07	5.16	4.9786636	5.35E-02	89064965	89065088	NC_000002.11
cg12598635	3.86E-06	6.07E-07	5.16	4.9784541	1.49E-01	819227	819350	NC_000004.11
cg10566297	3.86E-06	6.07E-07	5.16	4.9783047	4.70E-02	2049235	2049358	NC_000004.11
cg21484910	3.86E-06	6.07E-07	5.16	4.9781769	9.89E-02	40097661	40097784	NC_000002.11

cg05329692	3.86E-06	6.07E-07	5.16	4.9779452	1.58E-01	102891280	102891403	NC_000010.10
cg10820045	3.86E-06	6.07E-07	5.16	4.9777878	1.10E-01	198174542	198174665	NC_000002.11
cg07629017	3.86E-06	6.08E-07	5.16	4.9769848	1.09E-01	53851613	53851736	NC_000008.10
cg25928579	3.86E-06	6.08E-07	5.16	4.9768563	1.70E-01	46692534	46692657	NC_000017.10
cg09368832	3.86E-06	6.08E-07	5.16	4.9766357	2.10E-02	9146934	9147057	NC_000017.10
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cg05083273	3.86E-06	6.08E-07	5.16	4.9765308	8.94E-02	13688564	13688687	NC_000017.10
cg21514612	3.87E-06	6.08E-07	5.16	4.9763996	1.06E-01	13537318	13537441	NC_000004.11
cg01782024	3.87E-06	6.08E-07	5.16	4.9761692	1.07E-01	91989267	91989390	NC_000001.10
cg17965737	3.87E-06	6.10E-07	5.16	4.9743647	5.46E-02	244208721	244208844	NC_000001.10
cg04484520	3.87E-06	6.10E-07	5.16	4.9741448	4.87E-02	48697594	48697717	NC_000003.11
cg25109019	3.87E-06	6.10E-07	5.16	4.9741213	9.87E-02	181441345	181441468	NC_000003.11
cg18500360	3.87E-06	6.10E-07	5.16	4.9739731	6.54E-02	22193293	22193416	NC_000019.9
cg15633699	3.87E-06	6.10E-07	5.16	4.973912	8.51E-02	1356728	1356851	NC_000001.10
cg06867478	3.87E-06	6.10E-07	5.16	4.9738874	3.94E-02	156783274	156783397	NC_000007.13
cg03149157	3.88E-06	6.10E-07	5.16	4.9736942	3.67E-02	33585904	33586027	NC_000001.10
cg00559560	3.88E-06	6.10E-07	5.16	4.9731102	1.03E-01	47317093	47317216	NC_000021.8
cg02526277	3.88E-06	6.11E-07	5.16	4.9724822	8.47E-02	18230620	18230743	NC_000011.9
cg18403548	3.88E-06	6.11E-07	5.16	4.9724477	9.78E-02	2820786	2820909	NC_000004.11
cg18735810	3.88E-06	6.11E-07	5.16	4.9723931	1.07E-01	50260204	50260327	NC_000005.9
cg21053831	3.88E-06	6.11E-07	5.16	4.9723369	1.59E-01	4455512	4455635	NC_000018.9
cg05522848	3.88E-06	6.11E-07	5.16	4.9719263	6.98E-02	68710359	68710482	NC_000005.9
cg27167224	3.88E-06	6.11E-07	5.16	4.9719206	1.08E-01	50675475	50675598	NC_000006.11
cg08084860	3.88E-06	6.12E-07	5.16	4.9711062	1.19E-01	237080340	237080463	NC_000002.11
cg13174253	3.89E-06	6.12E-07	5.16	4.9709194	7.68E-02	146278678	146278801	NC_000008.10

cg26809965	3.89E-06	6.12E-07	5.16	4.969929	3.47E-02	214779430	214779553	NC_000001.10
cg07107171	3.89E-06	6.13E-07	5.16	4.9692397	1.33E-01	175712382	175712505	NC_000001.10
cg00719651	3.89E-06	6.13E-07	5.16	4.9686904	1.32E-01	47225449	47225572	NC_000012.11
cg09832244	3.90E-06	6.14E-07	5.16	4.9681367	6.27E-02	6729600	6729723	NC_000012.11
cg07703081	3.90E-06	6.14E-07	5.16	4.9679922	6.79E-02	33131426	33131549	NC_000006.11
cg27007937	3.90E-06	6.14E-07	5.16	4.9678519	9.18E-02	140480597	140480720	NC_000005.9
cg22051964	3.90E-06	6.14E-07	5.16	4.9678131	1.01E-01	35297138	35297261	NC_000007.13
cg20328160	3.90E-06	6.15E-07	5.16	4.9663775	4.70E-02	161209081	161209204	NC_000001.10
cg03494022	3.90E-06	6.15E-07	5.16	4.9663345	8.50E-02	43992823	43992946	NC_000018.9
cg19083265	3.90E-06	6.15E-07	5.16	4.9663143	4.89E-02	75300284	75300407	NC_000017.10
cg02994956	3.90E-06	6.15E-07	5.16	4.9660911	6.96E-02	29876534	29876657	NC_000022.10
cg01225698	3.91E-06	6.15E-07	5.16	4.9657856	1.56E-01	27742355	27742478	NC_000011.9
cg20376009	3.91E-06	6.15E-07	5.16	4.9655942	8.05E-02	34296108	34296231	NC_000016.9
cg16697977	3.91E-06	6.15E-07	5.16	4.9655701	2.68E-02	64972115	64972238	NC_000011.9
cg22517995	3.91E-06	6.15E-07	5.16	4.9655044	1.05E-01	37096588	37096711	NC_000019.9
cg26269510	3.91E-06	6.15E-07	5.16	4.9654917	1.65E-01	57615256	57615379	NC_000019.9
cg15850954	3.91E-06	6.15E-07	5.16	4.9651541	1.23E-01	26505245	26505368	NC_000010.10
cg07456629	3.91E-06	6.16E-07	5.16	4.9643822	6.67E-02	77616944	77617067	NC_000008.10
cg02970551	3.91E-06	6.16E-07	5.16	4.9635257	1.21E-01	25257191	25257314	NC_000001.10
cg00273449	3.91E-06	6.17E-07	5.16	4.9633058	9.25E-02	74875268	74875391	NC_000002.11
cg27147858	3.91E-06	6.17E-07	5.16	4.9632026	3.94E-02	64662747	64662870	NC_000011.9
cg22055513	3.92E-06	6.17E-07	5.16	4.9630484	7.87E-02	54106593	54106716	NC_000019.9
cg07084019	3.92E-06	6.18E-07	5.16	4.9615258	8.67E-02	171094206	171094329	NC_000002.11
cg27230697	3.92E-06	6.18E-07	5.16	4.9610268	1.50E-01	58673577	58673700	NC_000011.9
cg10626515	3.92E-06	6.18E-07	5.16	4.9609788	8.45E-02	25100428	25100551	NC_000007.13

cg20754476	3.92E-06	6.18E-07	5.16	4.9606386	5.13E-02	71117679	71117802	NC_000011.9
cg19815271	3.93E-06	6.19E-07	5.16	4.9596883	9.67E-02	15880379	15880502	NC_000017.10
cg04654288	3.93E-06	6.19E-07	5.15	4.9591859	1.05E-01	10390247	10390370	NC_000006.11
cg25155068	3.93E-06	6.20E-07	5.15	4.95858	9.27E-02	12587709	12587832	NC_000001.10
cg23041410	3.93E-06	6.20E-07	5.15	4.9583407	2.66E-02	113884447	113884570	NC_000002.11
cg03032607	3.93E-06	6.20E-07	5.15	4.957974	9.98E-02	45882686	45882809	NC_000003.11
cg25348841	3.94E-06	6.21E-07	5.15	4.957002	6.31E-02	159888633	159888756	NC_000002.11
cg21213426	3.94E-06	6.22E-07	5.15	4.9554916	2.86E-02	152134133	152134256	NC_000002.11
cg22680204	3.94E-06	6.22E-07	5.15	4.9552339	1.28E-01	5895098	5895221	NC_000004.11
cg17042009	3.94E-06	6.22E-07	5.15	4.9552254	1.15E-01	101293083	101293206	NC_000010.10
cg04593426	3.94E-06	6.22E-07	5.15	4.9552123	9.64E-02	233352148	233352271	NC_000002.11
cg26841894	3.95E-06	6.22E-07	5.15	4.9551339	5.90E-02	127479891	127480014	NC_000008.10
cg16074383	3.95E-06	6.22E-07	5.15	4.9550163	7.09E-02	21561058	21561181	NC_000014.8
cg09415601	3.95E-06	6.22E-07	5.15	4.9549171	3.86E-02	81927399	81927522	NC_000016.9
cg10722444	3.95E-06	6.22E-07	5.15	4.9547203	8.11E-02	112630569	112630692	NC_000013.10
cg27269936	3.95E-06	6.23E-07	5.15	4.9538856	5.25E-02	121717737	121717860	NC_000012.11
cg17054691	3.95E-06	6.23E-07	5.15	4.9531654	1.03E-01	79813439	79813562	NC_000017.10
cg17842066	3.95E-06	6.23E-07	5.15	4.9527203	1.97E-02	7125201	7125324	NC_000012.11
cg01086672	3.96E-06	6.24E-07	5.15	4.9520662	5.57E-02	31123044	31123167	NC_000006.11
cg01544877	3.96E-06	6.24E-07	5.15	4.9517853	8.95E-02	136609152	136609275	NC_000006.11
cg06646218	3.96E-06	6.25E-07	5.15	4.950102	7.75E-02	59165920	59166043	NC_000003.11
cg03986829	3.97E-06	6.25E-07	5.15	4.9498986	1.36E-01	62358234	62358357	NC_000003.11
cg21925025	3.97E-06	6.26E-07	5.15	4.9493792	9.66E-02	144508684	144508807	NC_000008.10
cg18924298	3.97E-06	6.26E-07	5.15	4.9492413	1.16E-01	6006917	6007040	NC_000006.11
cg05461153	3.97E-06	6.26E-07	5.15	4.9489122	6.01E-02	148961424	148961547	NC_000007.13

cg26341848	3.97E-06	6.26E-07	5.15	4.9487257	7.79E-02	52657514	52657637	NC_000005.9
cg03093838	3.97E-06	6.26E-07	5.15	4.9483721	9.35E-02	137815725	137815848	NC_000006.11
cg25247231	3.97E-06	6.27E-07	5.15	4.9478296	1.33E-01	60287537	60287660	NC_000015.9
cg03502791	3.97E-06	6.27E-07	5.15	4.9476466	1.47E-01	54413931	54414054	NC_000014.8
cg14577415	3.97E-06	6.27E-07	5.15	4.9474188	2.20E-02	123592420	123592543	NC_000009.11
cg00538888	3.97E-06	6.27E-07	5.15	4.9473571	5.68E-02	129703001	129703124	NC_000010.10
cg09047691	3.98E-06	6.27E-07	5.15	4.9469668	1.16E-01	101470004	101470127	NC_000009.11
cg03915932	3.98E-06	6.27E-07	5.15	4.9464802	1.37E-01	46591291	46591414	NC_000017.10
cg13276755	3.98E-06	6.28E-07	5.15	4.9462891	2.00E-02	234260986	234261109	NC_000002.11
cg11855587	3.98E-06	6.28E-07	5.15	4.9450215	7.50E-02	111746866	111746989	NC_000013.10
cg24429622	3.99E-06	6.29E-07	5.15	4.9444107	3.22E-02	30981712	30981835	NC_000010.10
cg02795515	3.99E-06	6.29E-07	5.15	4.9440164	1.02E-01	37381273	37381396	NC_000017.10
cg08295072	3.99E-06	6.29E-07	5.15	4.9434573	3.61E-02	1260335	1260458	NC_000005.9
cg26170569	3.99E-06	6.30E-07	5.15	4.9430349	1.09E-01	130986931	130987054	NC_000002.11
cg06723057	3.99E-06	6.30E-07	5.15	4.9420477	6.89E-02	28549923	28550046	NC_000016.9
cg27003520	3.99E-06	6.30E-07	5.15	4.9419456	8.36E-02	165086976	165087099	NC_000001.10
cg22238600	4.00E-06	6.30E-07	5.15	4.9418164	8.45E-02	77894058	77894181	NC_000007.13
cg15924332	4.00E-06	6.31E-07	5.15	4.9413739	1.13E-01	7710179	7710302	NC_000010.10
cg14567374	4.00E-06	6.31E-07	5.15	4.9409158	8.25E-02	140084348	140084471	NC_000009.11
cg11375112	4.00E-06	6.32E-07	5.15	4.9396661	8.54E-02	11883006	11883129	NC_000012.11
cg05688618	4.00E-06	6.32E-07	5.15	4.9396392	1.06E-01	86699962	86700085	NC_000004.11
cg00468670	4.00E-06	6.32E-07	5.15	4.9395213	3.23E-02	69371195	69371318	NC_000003.11
cg19345219	4.00E-06	6.32E-07	5.15	4.9395107	6.34E-02	6747405	6747528	NC_000012.11
cg05284751	4.01E-06	6.32E-07	5.15	4.9388883	6.67E-02	34407760	34407883	NC_000016.9
cg00988577	4.01E-06	6.32E-07	5.15	4.9388463	9.76E-02	32978548	32978671	NC_000006.11



cg04099186	4.01E-06	6.33E-07	5.15	4.9381733	5.11E-02	211860612	211860735	NC_000001.10
cg19774365	4.01E-06	6.33E-07	5.15	4.9381368	1.27E-01	64342997	64343120	NC_000007.13
cg03749016	4.01E-06	6.33E-07	5.15	4.937815	1.36E-01	23564591	23564714	NC_000008.10
cg07808859	4.01E-06	6.33E-07	5.15	4.9374345	8.46E-02	134550116	134550239	NC_000005.9
cg11267390	4.01E-06	6.34E-07	5.15	4.9366847	7.87E-02	45815264	45815387	NC_000021.8
cg09732486	4.02E-06	6.35E-07	5.15	4.9352993	1.17E-01	41086050	41086173	NC_000012.11
cg25652516	4.02E-06	6.35E-07	5.15	4.9343098	4.21E-02	46914628	46914751	NC_000021.8
cg26687173	4.03E-06	6.36E-07	5.15	4.9335113	8.52E-02	33623091	33623214	NC_000019.9
cg24792245	4.03E-06	6.36E-07	5.15	4.9332714	5.29E-02	28820367	28820490	NC_000010.10
cg16596604	4.03E-06	6.37E-07	5.15	4.9320061	1.44E-01	21294947	21295070	NC_000016.9
cg00793591	4.04E-06	6.38E-07	5.15	4.9307692	1.00E-01	70014715	70014838	NC_000014.8
cg06393286	4.04E-06	6.38E-07	5.15	4.9304481	9.96E-02	20879644	20879767	NC_000001.10
cg19595234	4.04E-06	6.38E-07	5.15	4.9303797	1.73E-01	42543778	42543901	NC_000020.10
cg24335138	4.04E-06	6.38E-07	5.15	4.9303025	1.48E-01	44331108	44331231	NC_000011.9
cg27387193	4.04E-06	6.38E-07	5.15	4.929982	1.13E-01	32064032	32064155	NC_000006.11
cg00043800	4.04E-06	6.38E-07	5.15	4.9298195	5.30E-02	74612144	74612267	NC_000002.11
cg26797585	4.04E-06	6.38E-07	5.15	4.9296995	1.59E-01	3585609	3585732	NC_000019.9
cg25271804	4.05E-06	6.39E-07	5.15	4.9285066	3.29E-02	3566660	3566783	NC_000004.11
cg18931036	4.05E-06	6.40E-07	5.15	4.9279956	7.53E-02	27185393	27185516	NC_000007.13
cg10972897	4.05E-06	6.40E-07	5.15	4.9278686	8.21E-02	165859714	165859837	NC_000001.10
cg00257047	4.05E-06	6.40E-07	5.15	4.9277878	1.11E-01	88849457	88849580	NC_000002.11
cg26272477	4.05E-06	6.40E-07	5.15	4.9274762	1.36E-01	100437554	100437677	NC_000014.8
cg03830929	4.05E-06	6.40E-07	5.15	4.9270672	1.05E-01	154165776	154165899	NC_000001.10
cg10103623	4.05E-06	6.40E-07	5.15	4.9267674	7.32E-02	3486303	3486426	NC_000002.11
cg19273715	4.05E-06	6.41E-07	5.15	4.9264312	3.84E-02	22198364	22198487	NC_000012.11

cg13050318	4.06E-06	6.41E-07	5.15	4.925341	8.92E-02	58896613	58896736	NC_000014.8
cg24826636	4.06E-06	6.41E-07	5.15	4.9251335	8.18E-02	31868782	31868905	NC_000006.11
cg27466042	4.06E-06	6.42E-07	5.15	4.9250085	2.86E-02	36896370	36896493	NC_000017.10
cg21745091	4.07E-06	6.42E-07	5.15	4.9236995	1.47E-02	118992183	118992306	NC_000011.9
cg19077854	4.07E-06	6.43E-07	5.15	4.923021	3.44E-02	122220652	122220775	NC_000005.9
cg23796243	4.07E-06	6.43E-07	5.15	4.9225418	9.62E-02	67978654	67978777	NC_000011.9
cg04098339	4.07E-06	6.43E-07	5.15	4.9220292	9.56E-02	48486087	48486210	NC_000004.11
cg14684960	4.08E-06	6.44E-07	5.15	4.9205571	3.54E-02	422213	422336	NC_000005.9
cg10823785	4.08E-06	6.45E-07	5.15	4.9202363	2.84E-02	28787446	28787569	NC_000002.11
cg05506270	4.08E-06	6.45E-07	5.15	4.9200867	9.35E-02	1654421	1654544	NC_000010.10
cg12019265	4.08E-06	6.46E-07	5.15	4.9187827	6.10E-02	36523650	36523773	NC_000015.9
cg06624146	4.09E-06	6.47E-07	5.15	4.9163997	9.50E-02	128360149	128360272	NC_000010.10
cg07928083	4.10E-06	6.48E-07	5.15	4.9158526	1.07E-01	60295312	60295435	NC_000015.9
cg02874016	4.10E-06	6.48E-07	5.15	4.9158287	6.77E-02	2017649	2017772	NC_000012.11
cg12388541	4.10E-06	6.48E-07	5.15	4.9155923	1.21E-01	168773775	168773898	NC_000006.11
cg05059291	4.10E-06	6.48E-07	5.15	4.9154826	1.56E-01	61703362	61703485	NC_000020.10
cg00960263	4.10E-06	6.48E-07	5.15	4.9153588	1.23E-01	15501678	15501801	NC_000005.9
cg02988171	4.10E-06	6.48E-07	5.15	4.9148443	5.58E-02	145621852	145621975	NC_000008.10
cg21192370	4.10E-06	6.48E-07	5.15	4.9148312	1.11E-01	81220079	81220202	NC_000009.11
cg00784263	4.10E-06	6.49E-07	5.15	4.9144698	1.42E-01	52801097	52801220	NC_000019.9
cg10136263	4.10E-06	6.49E-07	5.14	4.9138126	3.65E-02	89921102	89921225	NC_000016.9
cg08805241	4.11E-06	6.49E-07	5.14	4.9134239	1.13E-01	55110904	55111027	NC_000017.10
cg07462292	4.11E-06	6.50E-07	5.14	4.9128906	9.07E-02	44332340	44332463	NC_000011.9
cg19111265	4.11E-06	6.50E-07	5.14	4.9128539	1.02E-01	143106537	143106660	NC_000007.13
cg18200783	4.12E-06	6.51E-07	5.14	4.9109377	1.05E-01	29535924	29536047	NC_000007.13

cg18235799	4.12E-06	6.51E-07	5.14	4.9105556	6.20E-02	159680170	159680293	NC_000005.9
cg10467926	4.12E-06	6.51E-07	5.14	4.9104295	6.51E-02	57090465	57090588	NC_000007.13
cg07639720	4.12E-06	6.52E-07	5.14	4.9100151	9.79E-02	83952875	83952998	NC_000015.9
cg12989934	4.12E-06	6.52E-07	5.14	4.9096477	1.70E-01	170108187	170108310	NC_000005.9
cg17094171	4.12E-06	6.52E-07	5.14	4.9087828	1.06E-01	14133281	14133404	NC_000012.11
cg14431006	4.13E-06	6.53E-07	5.14	4.9082536	1.05E-01	83952722	83952845	NC_000015.9
cg12715421	4.13E-06	6.53E-07	5.14	4.9081607	7.53E-02	50629987	50630110	NC_000007.13
cg26118202	4.13E-06	6.53E-07	5.14	4.9076309	3.61E-02	1806471	1806594	NC_000005.9
cg04317765	4.13E-06	6.53E-07	5.14	4.9074358	1.01E-01	72219158	72219281	NC_000014.8
cg16937769	4.13E-06	6.54E-07	5.14	4.9065864	1.48E-01	54409485	54409608	NC_000012.11
cg17462417	4.13E-06	6.54E-07	5.14	4.9065297	2.14E-02	31528165	31528288	NC_000001.10
cg06865612	4.14E-06	6.54E-07	5.14	4.9059488	9.53E-02	946999	947122	NC_000002.11
cg06754987	4.14E-06	6.54E-07	5.14	4.9058306	6.77E-02	44444250	44444373	NC_000001.10
cg06366833	4.14E-06	6.54E-07	5.14	4.9058117	8.36E-02	183710473	183710596	NC_000004.11
cg27373371	4.14E-06	6.54E-07	5.14	4.9058106	2.86E-02	146728376	146728499	NC_000005.9
cg23044079	4.14E-06	6.54E-07	5.14	4.9056908	1.16E-01	88751621	88751744	NC_000002.11
cg10730421	4.14E-06	6.54E-07	5.14	4.9056346	1.07E-01	186078847	186078970	NC_000003.11
cg03396664	4.14E-06	6.55E-07	5.14	4.9055531	8.53E-02	88479546	88479669	NC_000016.9
cg21094739	4.14E-06	6.55E-07	5.14	4.9054706	3.54E-02	61572645	61572768	NC_000017.10
cg05768702	4.14E-06	6.55E-07	5.14	4.9054372	1.35E-01	47271133	47271256	NC_000017.10
cg18045155	4.14E-06	6.55E-07	5.14	4.9048474	9.53E-02	178767472	178767595	NC_000005.9
cg19885651	4.15E-06	6.56E-07	5.14	4.9027052	3.75E-02	159457714	159457837	NC_000006.11
cg03012170	4.15E-06	6.57E-07	5.14	4.9024673	1.08E-01	73628366	73628489	NC_000018.9
cg02245612	4.15E-06	6.57E-07	5.14	4.9021875	1.76E-01	5293611	5293734	NC_000019.9
cg10803024	4.15E-06	6.57E-07	5.14	4.9015714	6.72E-02	18709429	18709552	NC_000019.9

cg03171924	4.15E-06	6.58E-07	5.14	4.9011332	9.07E-02	25258332	25258455	NC_000001.10
cg19498960	4.16E-06	6.58E-07	5.14	4.9009259	1.17E-01	38077270	38077393	NC_000021.8
cg03019986	4.16E-06	6.58E-07	5.14	4.8999915	9.26E-02	46628850	46628973	NC_000017.10
cg10868817	4.16E-06	6.59E-07	5.14	4.8993047	1.96E-01	106332119	106332242	NC_000008.10
cg07012823	4.16E-06	6.59E-07	5.14	4.8988048	8.23E-02	155777070	155777193	NC_000006.11
cg15842276	4.17E-06	6.59E-07	5.14	4.898275	8.03E-02	92702648	92702771	NC_000011.9
cg27584546	4.17E-06	6.59E-07	5.14	4.8982602	9.26E-02	98657118	98657241	NC_000010.10
cg11520866	4.17E-06	6.60E-07	5.14	4.897801	3.27E-02	64856789	64856912	NC_000011.9
cg01505987	4.17E-06	6.60E-07	5.14	4.8975349	1.24E-01	131485095	131485218	NC_000002.11
cg04002203	4.17E-06	6.60E-07	5.14	4.8972692	5.44E-02	73072692	73072815	NC_000015.9
cg09557387	4.17E-06	6.61E-07	5.14	4.8966059	2.25E-01	207818395	207818518	NC_000001.10
cg26159184	4.17E-06	6.61E-07	5.14	4.8964475	6.34E-02	62528610	62528733	NC_000007.13
cg00835193	4.18E-06	6.61E-07	5.14	4.8959284	9.53E-02	2291780	2291903	NC_000019.9
cg18240528	4.18E-06	6.61E-07	5.14	4.8958713	9.34E-02	205341305	205341428	NC_000001.10
cg10932068	4.18E-06	6.62E-07	5.14	4.8950331	1.61E-01	19748398	19748521	NC_000022.10
cg25428970	4.18E-06	6.62E-07	5.14	4.8947488	1.40E-02	1863731	1863854	NC_000019.9
cg01229860	4.18E-06	6.62E-07	5.14	4.8946363	1.38E-01	96634623	96634746	NC_000007.13
cg09267483	4.18E-06	6.63E-07	5.14	4.8937111	1.18E-01	72353512	72353635	NC_000017.10
cg08329004	4.19E-06	6.63E-07	5.14	4.893378	5.53E-02	10364849	10364972	NC_000019.9
cg18653451	4.19E-06	6.63E-07	5.14	4.8933186	1.09E-01	46917018	46917141	NC_000019.9
cg01840724	4.19E-06	6.63E-07	5.14	4.8929389	6.97E-02	15420564	15420687	NC_000009.11
cg01717446	4.19E-06	6.64E-07	5.14	4.8921979	1.83E-01	71503566	71503689	NC_000002.11
cg21069176	4.19E-06	6.64E-07	5.14	4.8921532	1.06E-01	24347656	24347779	NC_000003.11
cg07334509	4.19E-06	6.64E-07	5.14	4.8919333	2.05E-02	74361129	74361252	NC_000008.10
cg02983950	4.19E-06	6.64E-07	5.14	4.8915785	1.31E-01	38942220	38942343	NC_000001.10

cg13126517	4.19E-06	6.64E-07	5.14	4.891564	1.41E-01	106974429	106974552	NC_000012.11
cg26268968	4.19E-06	6.64E-07	5.14	4.8912165	6.46E-02	53517561	53517684	NC_000012.11
cg19568003	4.20E-06	6.65E-07	5.14	4.890307	5.28E-02	57742217	57742340	NC_000019.9
cg27003849	4.20E-06	6.65E-07	5.14	4.8902032	1.32E-01	3601880	3602003	NC_000012.11
cg11176737	4.20E-06	6.65E-07	5.14	4.8900777	6.42E-02	5154148	5154271	NC_000012.11
cg01377358	4.20E-06	6.65E-07	5.14	4.8899031	1.07E-01	30948211	30948334	NC_000020.10
cg25970575	4.20E-06	6.65E-07	5.14	4.8897985	9.34E-02	6010164	6010287	NC_000004.11
cg01167615	4.20E-06	6.65E-07	5.14	4.8896642	9.71E-02	174496001	174496124	NC_000002.11
cg10650018	4.20E-06	6.66E-07	5.14	4.8889594	1.00E-01	92616759	92616882	NC_000010.10
cg04652645	4.21E-06	6.66E-07	5.14	4.8883025	1.51E-01	135049999	135050122	NC_000010.10
cg05628049	4.21E-06	6.66E-07	5.14	4.88826	9.67E-02	42113624	42113747	NC_000003.11
cg07219542	4.21E-06	6.68E-07	5.14	4.8865525	1.42E-01	110210770	110210893	NC_000001.10
cg02546828	4.21E-06	6.68E-07	5.14	4.8862967	1.08E-01	130838883	130839006	NC_000008.10
cg22491141	4.21E-06	6.68E-07	5.14	4.8861628	1.07E-01	56932314	56932437	NC_000018.9
cg05945401	4.22E-06	6.68E-07	5.14	4.8858134	1.05E-01	31506990	31507113	NC_000006.11
cg04630271	4.22E-06	6.69E-07	5.14	4.8850731	8.24E-02	58148485	58148608	NC_000006.11
cg14672496	4.22E-06	6.69E-07	5.14	4.8847995	7.12E-02	21087552	21087675	NC_000018.9
cg07687119	4.22E-06	6.69E-07	5.14	4.8843055	1.14E-01	54423549	54423672	NC_000012.11
cg00377924	4.22E-06	6.69E-07	5.14	4.8841143	8.13E-02	107535430	107535553	NC_000003.11
cg03628800	4.22E-06	6.69E-07	5.14	4.8839774	6.76E-02	129702726	129702849	NC_000010.10
cg25995825	4.22E-06	6.69E-07	5.14	4.8837103	1.32E-01	11148832	11148955	NC_000018.9
cg06285241	4.23E-06	6.70E-07	5.14	4.8828608	8.63E-02	105944655	105944778	NC_000014.8
cg16855817	4.23E-06	6.70E-07	5.14	4.8825146	3.71E-02	143774683	143774806	NC_000006.11
cg03024742	4.23E-06	6.70E-07	5.14	4.882469	6.24E-02	154863244	154863367	NC_000007.13
cg24629111	4.23E-06	6.70E-07	5.14	4.8824282	5.01E-02	131092116	131092239	NC_000005.9

cg17339147	4.23E-06	6.71E-07	5.14	4.8821403	1.26E-01	116963500	116963623	NC_000007.13
cg03367757	4.23E-06	6.71E-07	5.14	4.8819716	1.14E-01	19147041	19147164	NC_000007.13
cg20320158	4.23E-06	6.71E-07	5.14	4.8813423	1.08E-01	97847054	97847177	NC_000007.13
cg19922758	4.23E-06	6.71E-07	5.14	4.8812249	4.06E-02	170778275	170778398	NC_000006.11
cg04336894	4.24E-06	6.72E-07	5.14	4.8805377	4.92E-02	111381500	111381623	NC_000007.13
cg23490887	4.24E-06	6.72E-07	5.14	4.880325	1.37E-01	117584596	117584719	NC_000006.11
cg17358883	4.24E-06	6.72E-07	5.14	4.8801954	1.14E-01	111559134	111559257	NC_000004.11
cg16621833	4.24E-06	6.72E-07	5.14	4.8801423	1.43E-01	117587588	117587711	NC_000006.11
cg03965795	4.24E-06	6.72E-07	5.14	4.8796006	1.28E-01	102431021	102431144	NC_000010.10
cg23051578	4.24E-06	6.72E-07	5.14	4.8795858	1.43E-01	109799909	109800032	NC_000008.10
cg14750757	4.24E-06	6.72E-07	5.14	4.8795488	9.23E-02	127506604	127506727	NC_000003.11
cg12004183	4.24E-06	6.72E-07	5.14	4.8794623	1.67E-01	71217124	71217247	NC_000007.13
cg16338178	4.24E-06	6.73E-07	5.14	4.8791781	4.12E-02	158894440	158894563	NC_000005.9
cg13051249	4.24E-06	6.73E-07	5.14	4.8791364	4.35E-02	6594886	6595009	NC_000007.13
cg03650342	4.24E-06	6.73E-07	5.14	4.8791237	9.61E-02	25465350	25465473	NC_000010.10
cg17471928	4.24E-06	6.73E-07	5.14	4.8787395	1.51E-01	37381830	37381953	NC_000017.10
cg21436572	4.25E-06	6.73E-07	5.14	4.878092	1.06E-01	70623422	70623545	NC_000008.10
cg20799503	4.25E-06	6.73E-07	5.14	4.8779397	4.09E-02	6922925	6923048	NC_000008.10
cg00419012	4.25E-06	6.74E-07	5.14	4.8776946	7.23E-02	132899234	132899357	NC_000012.11
cg01569339	4.25E-06	6.74E-07	5.14	4.8766511	2.06E-02	16645732	16645855	NC_000003.11
cg00657674	4.25E-06	6.75E-07	5.14	4.8764743	6.66E-02	102198240	102198363	NC_000003.11
cg02423030	4.26E-06	6.75E-07	5.14	4.8757284	4.05E-02	12968505	12968628	NC_000019.9
cg15141371	4.26E-06	6.76E-07	5.14	4.8749689	2.85E-02	39195098	39195221	NC_000003.11
cg19026320	4.26E-06	6.76E-07	5.14	4.8738417	1.21E-01	31588354	31588477	NC_000021.8
cg26385286	4.27E-06	6.77E-07	5.14	4.8730832	1.01E-01	10527815	10527938	NC_000006.11

cg11854806	4.27E-06	6.77E-07	5.14	4.872809	1.49E-01	82116365	82116488	NC_000010.10
cg15493618	4.27E-06	6.78E-07	5.14	4.8714372	9.64E-02	154714069	154714192	NC_000004.11
cg10401733	4.27E-06	6.78E-07	5.14	4.8711687	6.15E-02	72491892	72492015	NC_000015.9
cg16665231	4.28E-06	6.78E-07	5.14	4.870802	3.24E-02	245741199	245741322	NC_000001.10
cg16335858	4.28E-06	6.78E-07	5.14	4.8707909	4.16E-02	45942027	45942150	NC_000011.9
cg16920407	4.28E-06	6.79E-07	5.14	4.8703797	2.52E-02	7605206	7605329	NC_000017.10
cg26695780	4.28E-06	6.79E-07	5.14	4.8702464	1.36E-02	66021476	66021599	NC_000007.13
cg07211684	4.29E-06	6.81E-07	5.13	4.8678029	3.38E-02	160211221	160211344	NC_000004.11
cg18711246	4.29E-06	6.81E-07	5.13	4.8677621	2.62E-02	72249338	72249461	NC_000013.10
cg09644952	4.29E-06	6.81E-07	5.13	4.8675728	6.75E-02	121796071	121796194	NC_000003.11
cg20933586	4.29E-06	6.81E-07	5.13	4.8670355	8.12E-02	24608199	24608322	NC_000014.8
cg06023161	4.29E-06	6.81E-07	5.13	4.8668856	8.30E-02	31590572	31590695	NC_000006.11
cg14543770	4.30E-06	6.82E-07	5.13	4.8661714	3.08E-02	75921889	75922012	NC_000015.9
cg22133552	4.30E-06	6.83E-07	5.13	4.8649563	1.69E-02	6474306	6474429	NC_000007.13
cg01530605	4.30E-06	6.83E-07	5.13	4.8645945	1.46E-01	181414848	181414971	NC_000003.11
cg01866606	4.30E-06	6.83E-07	5.13	4.8644584	1.11E-01	176950843	176950966	NC_000002.11
cg12858370	4.30E-06	6.83E-07	5.13	4.8643548	1.05E-01	5313892	5314015	NC_000005.9
cg01437781	4.30E-06	6.83E-07	5.13	4.8641773	7.09E-02	118563568	118563691	NC_000010.10
cg24794052	4.30E-06	6.83E-07	5.13	4.8638301	1.18E-01	123127861	123127984	NC_000010.10
cg12302070	4.31E-06	6.83E-07	5.13	4.8636698	1.51E-01	163695776	163695899	NC_000002.11
cg12686317	4.31E-06	6.84E-07	5.13	4.8630216	1.45E-01	55880894	55881017	NC_000015.9
cg09430946	4.31E-06	6.84E-07	5.13	4.8628868	4.07E-02	29795361	29795484	NC_000006.11
cg23032393	4.31E-06	6.84E-07	5.13	4.8628343	5.89E-02	114845403	114845526	NC_000013.10
cg03873694	4.31E-06	6.85E-07	5.13	4.8617314	9.21E-02	43118627	43118750	NC_000007.13
cg02827340	4.31E-06	6.85E-07	5.13	4.8615477	8.20E-02	222021114	222021237	NC_000002.11

cg04827223	4.32E-06	6.86E-07	5.13	4.8607948	5.72E-02	72435913	72436036	NC_000011.9
cg09691134	4.32E-06	6.86E-07	5.13	4.8606758	4.66E-02	234734475	234734598	NC_000001.10
cg01705587	4.32E-06	6.86E-07	5.13	4.8606671	1.30E-01	149889364	149889487	NC_000001.10
cg02400433	4.32E-06	6.86E-07	5.13	4.8606613	9.11E-02	100054987	100055110	NC_000006.11
cg02539083	4.32E-06	6.86E-07	5.13	4.8601804	8.10E-02	97361148	97361271	NC_000007.13
cg24503261	4.32E-06	6.86E-07	5.13	4.8599293	8.27E-02	299629	299752	NC_000011.9
cg11413133	4.32E-06	6.87E-07	5.13	4.8591188	1.07E-01	21281318	21281441	NC_000017.10
cg01152019	4.33E-06	6.88E-07	5.13	4.8579723	1.10E-01	177015044	177015167	NC_000002.11
cg04457196	4.33E-06	6.88E-07	5.13	4.857398	1.79E-01	164593264	164593387	NC_000002.11
cg24458609	4.33E-06	6.88E-07	5.13	4.8572994	1.25E-01	56948015	56948138	NC_000011.9
cg13380103	4.33E-06	6.88E-07	5.13	4.8572419	8.73E-02	178770629	178770752	NC_000005.9
cg09850980	4.33E-06	6.88E-07	5.13	4.8569931	1.04E-01	36067127	36067250	NC_000005.9
cg04043150	4.33E-06	6.88E-07	5.13	4.8566737	9.21E-02	110673319	110673442	NC_000001.10
cg14179389	4.34E-06	6.89E-07	5.13	4.8560803	1.37E-01	92947961	92948084	NC_000001.10
cg23703062	4.34E-06	6.89E-07	5.13	4.8559684	9.82E-02	14748198	14748321	NC_000018.9
cg01594675	4.34E-06	6.89E-07	5.13	4.8555519	3.88E-02	55289112	55289235	NC_000002.11
cg20265528	4.34E-06	6.90E-07	5.13	4.8547847	5.50E-02	105853269	105853392	NC_000002.11
cg03841832	4.34E-06	6.90E-07	5.13	4.8545969	7.46E-02	9981202	9981325	NC_000004.11
cg27316766	4.34E-06	6.90E-07	5.13	4.8541851	8.26E-02	106066793	106066916	NC_000014.8
cg06666025	4.35E-06	6.90E-07	5.13	4.853864	1.38E-01	66613278	66613401	NC_000016.9
cg11527930	4.35E-06	6.91E-07	5.13	4.8537215	7.61E-02	107162110	107162233	NC_000005.9
cg18358643	4.35E-06	6.91E-07	5.13	4.8527689	2.00E-02	61108264	61108387	NC_000002.11
cg27592453	4.35E-06	6.92E-07	5.13	4.8519621	4.39E-02	44565030	44565153	NC_000022.10
cg02657800	4.35E-06	6.92E-07	5.13	4.8517148	1.12E-01	32953351	32953474	NC_000017.10
cg20043105	4.36E-06	6.92E-07	5.13	4.8515117	1.21E-01	29247458	29247581	NC_000014.8



cg14911132	4.36E-06	6.93E-07	5.13	4.8507918	7.97E-02	61596755	61596878	NC_000011.9
cg03879594	4.36E-06	6.93E-07	5.13	4.8505473	7.78E-02	85207569	85207692	NC_000016.9
cg26974111	4.36E-06	6.94E-07	5.13	4.849578	1.20E-01	12254120	12254243	NC_000018.9
cg24225517	4.36E-06	6.94E-07	5.13	4.8495744	1.48E-01	108487063	108487186	NC_000006.11
cg00907198	4.37E-06	6.94E-07	5.13	4.8489192	6.81E-02	153811985	153812108	NC_000003.11
cg08064488	4.37E-06	6.94E-07	5.13	4.8489061	9.81E-02	38068043	38068166	NC_000021.8
cg00967123	4.37E-06	6.94E-07	5.13	4.8488973	9.02E-02	78427788	78427911	NC_000017.10
cg10365886	4.37E-06	6.94E-07	5.13	4.8488797	1.36E-01	32063874	32063997	NC_000006.11
cg04007271	4.37E-06	6.94E-07	5.13	4.8487936	4.61E-02	88451576	88451699	NC_000016.9
cg00055679	4.37E-06	6.94E-07	5.13	4.8486963	8.49E-02	79170430	79170553	NC_000013.10
cg02029665	4.37E-06	6.94E-07	5.13	4.8486793	1.25E-01	46441799	46441922	NC_000022.10
cg08204783	4.37E-06	6.95E-07	5.13	4.8472115	1.02E-01	12624679	12624802	NC_000019.9
cg12307787	4.37E-06	6.95E-07	5.13	4.847193	1.56E-01	48099359	48099482	NC_000020.10
cg19610519	4.37E-06	6.95E-07	5.13	4.8469669	3.41E-02	70073031	70073154	NC_000011.9
cg13788258	4.38E-06	6.96E-07	5.13	4.8467759	1.34E-01	13840381	13840504	NC_000001.10
cg06512774	4.38E-06	6.96E-07	5.13	4.8463281	7.50E-02	38456379	38456502	NC_000021.8
cg27318546	4.38E-06	6.96E-07	5.13	4.8454535	6.31E-02	48345906	48346029	NC_000018.9
cg19211077	4.38E-06	6.97E-07	5.13	4.8454099	1.47E-01	21658001	21658124	NC_000019.9
cg00306909	4.38E-06	6.97E-07	5.13	4.8452717	1.09E-01	175194079	175194202	NC_000002.11
cg18668540	4.38E-06	6.97E-07	5.13	4.845214	6.29E-02	73479848	73479971	NC_000010.10
cg27069422	4.38E-06	6.97E-07	5.13	4.8451145	7.41E-02	140531474	140531597	NC_000005.9
cg17851113	4.38E-06	6.97E-07	5.13	4.844948	7.71E-02	233746170	233746293	NC_000001.10
cg01786704	4.38E-06	6.97E-07	5.13	4.8445361	1.13E-01	25123688	25123811	NC_000015.9
cg17504341	4.39E-06	6.98E-07	5.13	4.844029	1.75E-01	26724836	26724959	NC_000008.10
cg12619347	4.39E-06	6.98E-07	5.13	4.8437543	9.68E-02	57280909	57281032	NC_000011.9

cg17823346	4.39E-06	6.98E-07	5.13	4.8436313	1.25E-01	80848143	80848266	NC_000010.10
cg27629948	4.39E-06	6.98E-07	5.13	4.8435018	5.98E-02	89285170	89285293	NC_000015.9
cg01414728	4.39E-06	6.98E-07	5.13	4.8433781	7.40E-02	131872222	131872345	NC_000012.11
cg20025977	4.39E-06	6.98E-07	5.13	4.8431157	8.00E-02	1579814	1579937	NC_000004.11
cg25751961	4.39E-06	6.98E-07	5.13	4.8430896	1.03E-01	128711233	128711356	NC_000011.9
cg14871534	4.39E-06	6.98E-07	5.13	4.8430142	4.35E-02	47121158	47121281	NC_000014.8
cg04105282	4.39E-06	6.98E-07	5.13	4.8427214	1.57E-01	99790170	99790293	NC_000010.10
cg23600438	4.39E-06	6.99E-07	5.13	4.8420488	1.11E-01	76153779	76153902	NC_000018.9
cg26322248	4.40E-06	6.99E-07	5.13	4.841805	1.46E-01	13200982	13201105	NC_000020.10
cg08985979	4.40E-06	6.99E-07	5.13	4.8415127	1.08E-01	183062576	183062699	NC_000004.11
cg05490591	4.40E-06	6.99E-07	5.13	4.8412824	8.05E-02	55648137	55648260	NC_000017.10
cg08464824	4.40E-06	7.00E-07	5.13	4.8401926	1.47E-01	56904977	56905100	NC_000019.9
cg13963658	4.40E-06	7.01E-07	5.13	4.8395947	9.05E-02	50697503	50697626	NC_000022.10
cg03939709	4.41E-06	7.01E-07	5.13	4.8393592	8.48E-02	1064210	1064333	NC_000017.10
cg19681718	4.41E-06	7.01E-07	5.13	4.8393206	7.67E-02	33454623	33454746	NC_000022.10
cg00122765	4.41E-06	7.01E-07	5.13	4.8386327	5.88E-02	29457918	29458041	NC_000017.10
cg08149859	4.41E-06	7.02E-07	5.13	4.8379194	2.35E-02	66919604	66919727	NC_000016.9
cg13239348	4.41E-06	7.02E-07	5.13	4.8378398	1.10E-01	131768533	131768656	NC_000010.10
cg25288068	4.41E-06	7.02E-07	5.13	4.8377696	1.12E-01	28793681	28793804	NC_000006.11
cg24014143	4.41E-06	7.02E-07	5.13	4.8377308	1.11E-01	70682127	70682250	NC_000013.10
cg03503871	4.41E-06	7.02E-07	5.13	4.8376295	6.66E-02	30616011	30616134	NC_000016.9
cg24158482	4.42E-06	7.03E-07	5.13	4.8370331	3.53E-02	55715082	55715205	NC_000017.10
cg16661464	4.42E-06	7.03E-07	5.13	4.8370096	4.67E-02	61037759	61037882	NC_000018.9
cg21329649	4.42E-06	7.03E-07	5.13	4.8368137	4.51E-02	1901840	1901963	NC_000007.13
cg15513743	4.42E-06	7.04E-07	5.13	4.8356566	9.78E-02	119528688	119528811	NC_000001.10

cg03805019	4.42E-06	7.04E-07	5.13	4.8351917	8.34E-02	62464090	62464213	NC_000020.10
cg02054776	4.42E-06	7.04E-07	5.13	4.8348262	7.56E-02	165326345	165326468	NC_000001.10
cg11251177	4.42E-06	7.04E-07	5.13	4.8347981	2.97E-02	169569137	169569260	NC_000006.11
cg00045753	4.43E-06	7.05E-07	5.13	4.8338779	1.01E-01	123630545	123630668	NC_000009.11
cg01796478	4.43E-06	7.05E-07	5.13	4.8335141	5.02E-02	56738942	56739065	NC_000017.10
cg20893031	4.43E-06	7.06E-07	5.13	4.8324703	1.67E-01	108306467	108306590	NC_000012.11
cg15573040	4.44E-06	7.06E-07	5.13	4.8316499	1.43E-01	92938295	92938418	NC_000015.9
cg04259752	4.44E-06	7.07E-07	5.13	4.8311468	6.37E-02	23262159	23262282	NC_000008.10
cg02634628	4.44E-06	7.08E-07	5.13	4.8301686	1.19E-01	1308420	1308543	NC_000007.13
cg12555369	4.45E-06	7.08E-07	5.13	4.8296311	9.46E-02	105153066	105153189	NC_000010.10
cg00410370	4.45E-06	7.08E-07	5.13	4.8294861	1.46E-01	175200477	175200600	NC_000002.11
cg24709681	4.45E-06	7.08E-07	5.13	4.8293653	1.32E-01	140771372	140771495	NC_000003.11
cg22737001	4.45E-06	7.09E-07	5.13	4.828803	1.54E-01	25257029	25257152	NC_000001.10
cg05792273	4.45E-06	7.09E-07	5.13	4.8282303	2.71E-02	30310118	30310241	NC_000006.11
cg19007908	4.45E-06	7.09E-07	5.13	4.8282219	5.94E-02	49686020	49686143	NC_000019.9
cg21392868	4.45E-06	7.09E-07	5.13	4.8281301	2.80E-02	11983333	11983456	NC_000001.10
cg18654956	4.45E-06	7.09E-07	5.13	4.827926	6.92E-02	68377657	68377780	NC_000009.11
cg06457811	4.46E-06	7.10E-07	5.13	4.8267921	1.09E-01	155175061	155175184	NC_000007.13
cg03693706	4.46E-06	7.11E-07	5.13	4.8258038	4.05E-02	6928705	6928828	NC_000017.10
cg18861231	4.47E-06	7.11E-07	5.13	4.8254408	4.53E-02	152057943	152058066	NC_000003.11
cg00801571	4.47E-06	7.11E-07	5.13	4.8253669	7.43E-02	112033832	112033955	NC_000006.11
cg16797575	4.47E-06	7.11E-07	5.13	4.8251643	3.96E-02	100340195	100340318	NC_000015.9
cg20055230	4.47E-06	7.11E-07	5.13	4.8248513	4.04E-02	41102374	41102497	NC_000015.9
cg00171578	4.47E-06	7.12E-07	5.13	4.8241012	4.42E-02	147789747	147789870	NC_000001.10
cg20285546	4.47E-06	7.12E-07	5.13	4.8240989	9.54E-02	58728728	58728851	NC_000019.9

cg20295537	4.47E-06	7.12E-07	5.13	4.8240162	1.49E-01	57389906	57390029	NC_000010.10
cg00250409	4.47E-06	7.12E-07	5.13	4.8238522	1.09E-01	73206310	73206433	NC_000016.9
cg06275642	4.47E-06	7.12E-07	5.13	4.82382	9.51E-02	68546038	68546161	NC_000002.11
cg00525823	4.48E-06	7.13E-07	5.12	4.8224312	1.19E-01	11148510	11148633	NC_000018.9
cg09445472	4.48E-06	7.14E-07	5.12	4.8214565	1.19E-01	7709962	7710085	NC_000010.10
cg09038914	4.48E-06	7.14E-07	5.12	4.8212283	6.34E-02	42992567	42992690	NC_000017.10
cg03398843	4.49E-06	7.15E-07	5.12	4.8194311	4.83E-02	154679990	154680113	NC_000001.10
cg05352087	4.49E-06	7.16E-07	5.12	4.8191103	1.24E-01	75600124	75600247	NC_000001.10
cg17073273	4.49E-06	7.16E-07	5.12	4.8189105	1.23E-01	99279795	99279918	NC_000006.11
cg02865242	4.50E-06	7.17E-07	5.12	4.817311	3.43E-02	72702859	72702982	NC_000017.10
cg08424166	4.50E-06	7.17E-07	5.12	4.8171154	4.98E-02	161592221	161592344	NC_000006.11
cg22223232	4.50E-06	7.17E-07	5.12	4.816956	1.10E-01	117913096	117913219	NC_000001.10
cg17239923	4.50E-06	7.18E-07	5.12	4.8163546	1.05E-01	128556611	128556734	NC_000011.9
cg16032050	4.50E-06	7.18E-07	5.12	4.816299	1.41E-01	50605158	50605281	NC_000010.10
cg21229170	4.51E-06	7.18E-07	5.12	4.8153458	3.04E-02	129331407	129331530	NC_000008.10
cg23791505	4.51E-06	7.19E-07	5.12	4.8151116	1.12E-01	32906991	32907114	NC_000017.10
cg25061451	4.51E-06	7.19E-07	5.12	4.8147597	7.36E-02	173826988	173827111	NC_000001.10
cg06574716	4.51E-06	7.19E-07	5.12	4.8146686	1.16E-01	44331239	44331362	NC_000019.9
cg08266945	4.51E-06	7.20E-07	5.12	4.8139257	1.16E-02	170550881	170551004	NC_000002.11
cg05251676	4.52E-06	7.20E-07	5.12	4.8131146	2.16E-01	38258884	38259007	NC_000005.9
cg00330490	4.53E-06	7.22E-07	5.12	4.8105439	5.58E-02	11073908	11074031	NC_000001.10
cg13313813	4.53E-06	7.23E-07	5.12	4.809733	9.41E-02	34820562	34820685	NC_000017.10
cg08009711	4.53E-06	7.23E-07	5.12	4.809393	7.94E-02	43346184	43346307	NC_000021.8
cg26214026	4.53E-06	7.23E-07	5.12	4.8092136	1.02E-01	111926384	111926507	NC_000012.11
cg19511235	4.53E-06	7.23E-07	5.12	4.8091575	7.03E-02	18709437	18709560	NC_000019.9

cg24617696	4.53E-06	7.23E-07	5.12	4.8091172	1.28E-01	121104312	121104435	NC_000002.11
cg19102272	4.54E-06	7.24E-07	5.12	4.8081532	5.95E-02	71662023	71662146	NC_000002.11
cg00822361	4.54E-06	7.25E-07	5.12	4.8068514	1.11E-01	156271246	156271369	NC_000003.11
cg19488874	4.55E-06	7.25E-07	5.12	4.8062569	1.23E-01	175193551	175193674	NC_000002.11
cg03242265	4.55E-06	7.25E-07	5.12	4.8061123	1.30E-01	147782472	147782595	NC_000001.10
cg26261502	4.55E-06	7.26E-07	5.12	4.804949	1.14E-01	31846533	31846656	NC_000011.9
cg01924868	4.56E-06	7.27E-07	5.12	4.8045091	7.15E-02	26305569	26305692	NC_000008.10
cg14137162	4.56E-06	7.27E-07	5.12	4.8041545	3.91E-02	66493682	66493805	NC_000005.9
cg06704897	4.56E-06	7.27E-07	5.12	4.8040675	1.03E-01	95870906	95871029	NC_000015.9
cg26607248	4.56E-06	7.27E-07	5.12	4.8034089	3.61E-02	202979751	202979874	NC_000001.10
cg11717738	4.56E-06	7.28E-07	5.12	4.8027291	4.71E-02	104193799	104193922	NC_000014.8
cg20000718	4.56E-06	7.28E-07	5.12	4.8023722	1.30E-01	41869433	41869556	NC_000004.11
cg23044270	4.57E-06	7.29E-07	5.12	4.8016245	6.71E-02	43659607	43659730	NC_000003.11
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cg03730709	4.57E-06	7.29E-07	5.12	4.8011999	1.12E-01	81954663	81954786	NC_000010.10
cg06135032	4.57E-06	7.29E-07	5.12	4.8009948	1.53E-02	1461221	1461344	NC_000016.9
cg07594209	4.57E-06	7.29E-07	5.12	4.8009707	1.59E-01	17218278	17218401	NC_000005.9
cg16046028	4.57E-06	7.29E-07	5.12	4.8007742	1.18E-01	391683	391806	NC_000006.11
cg01407406	4.57E-06	7.29E-07	5.12	4.8006741	1.31E-01	77468277	77468400	NC_000016.9
cg03134661	4.58E-06	7.31E-07	5.12	4.7991891	8.74E-02	4919655	4919778	NC_000019.9
cg23817343	4.58E-06	7.31E-07	5.12	4.7987819	4.32E-02	31636140	31636263	NC_000006.11
cg25307318	4.58E-06	7.31E-07	5.12	4.798774	1.02E-01	123923081	123923204	NC_000010.10
cg19814934	4.59E-06	7.32E-07	5.12	4.7970857	1.68E-01	42950152	42950275	NC_000005.9
cg09628838	4.59E-06	7.32E-07	5.12	4.7966626	1.29E-01	32906394	32906517	NC_000017.10
cg07119829	4.59E-06	7.33E-07	5.12	4.7962434	1.18E-01	223168487	223168610	NC_000002.11

cg01900788	4.59E-06	7.33E-07	5.12	4.7961784	1.84E-02	105835796	105835919	NC_000014.8
cg06747432	4.59E-06	7.33E-07	5.12	4.7959011	1.21E-01	46916741	46916864	NC_000019.9
cg09464194	4.60E-06	7.34E-07	5.12	4.795315	1.17E-01	39522944	39523067	NC_000019.9
cg00075634	4.60E-06	7.34E-07	5.12	4.7947001	1.17E-01	185940595	185940718	NC_000004.11
cg17070988	4.60E-06	7.34E-07	5.12	4.7941683	1.12E-01	115103351	115103474	NC_000012.11
cg13543572	4.60E-06	7.35E-07	5.12	4.7939775	3.09E-02	2335085	2335208	NC_000019.9
cg14633398	4.61E-06	7.35E-07	5.12	4.7932327	1.26E-01	19789383	19789506	NC_000009.11
cg15957959	4.61E-06	7.36E-07	5.12	4.7925138	3.25E-02	105239457	105239580	NC_000014.8
cg27435660	4.61E-06	7.36E-07	5.12	4.7922834	3.98E-02	5935953	5936076	NC_000010.10
cg17142870	4.61E-06	7.36E-07	5.12	4.792215	1.03E-01	37275372	37275495	NC_000020.10
cg17969579	4.62E-06	7.37E-07	5.12	4.7909684	9.86E-02	9416736	9416859	NC_000008.10
cg00427939	4.62E-06	7.37E-07	5.12	4.7906375	7.84E-02	3217249	3217372	NC_000016.9
cg19414967	4.62E-06	7.37E-07	5.12	4.7904077	9.62E-02	49468296	49468419	NC_000008.10
cg05758139	4.62E-06	7.38E-07	5.12	4.789994	4.78E-02	215169182	215169305	NC_000001.10
cg12037450	4.62E-06	7.38E-07	5.12	4.7889488	9.12E-02	85513124	85513247	NC_000001.10
cg04599342	4.62E-06	7.38E-07	5.12	4.7887802	2.60E-02	48058991	48059114	NC_000019.9
cg27427581	4.62E-06	7.39E-07	5.12	4.7887606	7.97E-02	8075716	8075839	NC_000010.10
cg14927855	4.63E-06	7.39E-07	5.12	4.7884814	7.65E-02	155151427	155151550	NC_000007.13
cg04511411	4.63E-06	7.39E-07	5.12	4.7880667	7.33E-02	16408214	16408337	NC_000002.11
cg17827470	4.63E-06	7.39E-07	5.12	4.787844	3.81E-02	22730195	22730318	NC_000010.10
cg13197216	4.63E-06	7.39E-07	5.12	4.7875135	1.22E-01	23567658	23567781	NC_000008.10
cg22638597	4.63E-06	7.40E-07	5.12	4.7870224	1.49E-01	94134739	94134862	NC_000011.9
cg06095802	4.63E-06	7.40E-07	5.12	4.7868659	7.17E-02	102843294	102843417	NC_000011.9
cg12537382	4.64E-06	7.41E-07	5.12	4.7859846	1.29E-01	1404446	1404569	NC_000004.11
cg02821998	4.64E-06	7.42E-07	5.12	4.7847986	5.69E-02	1827256	1827379	NC_000004.11

cg05137466	4.64E-06	7.42E-07	5.12	4.7844939	1.16E-01	34809811	34809934	NC_000009.11
cg02064368	4.65E-06	7.43E-07	5.12	4.7830339	7.02E-02	119786577	119786700	NC_000004.11
cg10449675	4.65E-06	7.43E-07	5.12	4.7829944	1.67E-02	44637500	44637623	NC_000011.9
cg15278682	4.65E-06	7.43E-07	5.12	4.7825635	2.90E-02	71175852	71175975	NC_000010.10
cg20112159	4.65E-06	7.43E-07	5.12	4.7823767	7.78E-02	80907159	80907282	NC_000012.11
cg07340499	4.65E-06	7.43E-07	5.12	4.7823164	5.06E-02	2208345	2208468	NC_000007.13
cg04591034	4.65E-06	7.44E-07	5.12	4.782151	1.13E-01	178017937	178018060	NC_000005.9
cg08730623	4.65E-06	7.44E-07	5.12	4.7820269	1.33E-01	98515041	98515164	NC_000001.10
cg23827991	4.66E-06	7.44E-07	5.12	4.7818731	4.52E-02	1283243	1283366	NC_000005.9
cg07708613	4.66E-06	7.44E-07	5.12	4.7812723	4.29E-02	42737139	42737262	NC_000010.10
cg22630939	4.66E-06	7.45E-07	5.12	4.7802388	8.58E-02	1135958	1136081	NC_000007.13
cg22924713	4.66E-06	7.45E-07	5.12	4.7800188	4.85E-02	111682141	111682264	NC_000013.10
cg02518899	4.67E-06	7.45E-07	5.12	4.779659	5.92E-02	39742965	39743088	NC_000017.10
cg08726417	4.67E-06	7.46E-07	5.12	4.7795559	8.00E-02	30407016	30407139	NC_000020.10
cg12990575	4.67E-06	7.46E-07	5.12	4.7794869	5.99E-02	43042420	43042543	NC_000006.11
cg18866015	4.67E-06	7.46E-07	5.12	4.7792946	1.68E-01	49868552	49868675	NC_000018.9
cg14531026	4.67E-06	7.46E-07	5.12	4.7789061	4.30E-02	184043286	184043409	NC_000003.11
cg22264393	4.68E-06	7.47E-07	5.11	4.7772586	6.55E-02	136861413	136861536	NC_000004.11
cg21059878	4.68E-06	7.47E-07	5.11	4.7771044	3.18E-02	74907683	74907806	NC_000004.11
cg12405983	4.68E-06	7.48E-07	5.11	4.7763738	5.66E-02	58630240	58630363	NC_000019.9
cg17080423	4.69E-06	7.49E-07	5.11	4.7747977	9.44E-02	81189774	81189897	NC_000004.11
cg03329019	4.69E-06	7.50E-07	5.11	4.7736259	8.53E-02	221051117	221051240	NC_000001.10
cg07285995	4.69E-06	7.50E-07	5.11	4.7731802	1.26E-01	92790364	92790487	NC_000014.8
cg23676302	4.70E-06	7.51E-07	5.11	4.7725332	1.23E-01	177025859	177025982	NC_000002.11
cg18061255	4.70E-06	7.51E-07	5.11	4.7723986	9.33E-02	7744722	7744845	NC_000010.10

cg06757180	4.70E-06	7.51E-07	5.11	4.7721728	2.79E-02	88914674	88914797	NC_000016.9
cg13936452	4.70E-06	7.51E-07	5.11	4.7720621	1.25E-01	47911336	47911459	NC_000001.10
cg18925094	4.71E-06	7.53E-07	5.11	4.7703694	5.45E-02	35551622	35551745	NC_000021.8
cg05941129	4.71E-06	7.53E-07	5.11	4.7701315	6.97E-02	140188813	140188936	NC_000005.9
cg24890884	4.71E-06	7.53E-07	5.11	4.7698222	5.25E-02	7002827	7002950	NC_000012.11
cg25460166	4.71E-06	7.53E-07	5.11	4.7696995	9.41E-02	87088817	87088940	NC_000002.11
cg10677590	4.71E-06	7.53E-07	5.11	4.7695065	2.55E-02	7657449	7657572	NC_000017.10
cg11294692	4.72E-06	7.55E-07	5.11	4.767696	1.01E-01	92790711	92790834	NC_000014.8
cg27425784	4.72E-06	7.55E-07	5.11	4.7673969	7.43E-02	98340511	98340634	NC_000002.11
cg24726370	4.72E-06	7.55E-07	5.11	4.7670392	6.94E-02	56855495	56855618	NC_000007.13
cg06074920	4.72E-06	7.55E-07	5.11	4.7670176	5.64E-02	39539075	39539198	NC_000017.10
cg10669265	4.73E-06	7.56E-07	5.11	4.766177	1.93E-01	1709950	1710073	NC_000007.13
cg01172903	4.73E-06	7.56E-07	5.11	4.7661006	1.57E-01	12203315	12203438	NC_000019.9
cg01364478	4.73E-06	7.56E-07	5.11	4.7658311	1.02E-01	170640331	170640454	NC_000001.10
cg01711077	4.73E-06	7.56E-07	5.11	4.7657386	5.33E-02	981222	981345	NC_000001.10
cg06492144	4.73E-06	7.56E-07	5.11	4.7655589	5.55E-02	31806352	31806475	NC_000002.11
cg27286999	4.73E-06	7.57E-07	5.11	4.7654505	1.04E-01	137967306	137967429	NC_000009.11
cg09682272	4.73E-06	7.57E-07	5.11	4.7654016	9.95E-02	108274587	108274710	NC_000006.11
cg27408540	4.73E-06	7.57E-07	5.11	4.7653626	9.81E-02	25465171	25465294	NC_000010.10
cg07563363	4.73E-06	7.57E-07	5.11	4.7647426	1.18E-01	154143677	154143800	NC_000002.11
cg14037837	4.73E-06	7.57E-07	5.11	4.7645376	1.67E-01	31839314	31839437	NC_000011.9
cg02851047	4.74E-06	7.58E-07	5.11	4.7637174	6.03E-02	2132723	2132846	NC_000016.9
cg15268244	4.74E-06	7.58E-07	5.11	4.7635488	9.23E-02	77196840	77196963	NC_000015.9
cg15066967	4.74E-06	7.58E-07	5.11	4.7634039	1.10E-01	237487774	237487897	NC_000002.11
cg17724412	4.74E-06	7.59E-07	5.11	4.762903	4.05E-02	28829283	28829406	NC_000006.11



cg00998744	4.74E-06	7.59E-07	5.11	4.762844	1.03E-01	147142198	147142321	NC_000003.11
cg05722371	4.74E-06	7.59E-07	5.11	4.7622192	3.94E-02	160247151	160247274	NC_000001.10
cg13960339	4.74E-06	7.59E-07	5.11	4.7620164	7.00E-02	57352142	57352265	NC_000019.9
cg12385599	4.74E-06	7.59E-07	5.11	4.7619602	1.01E-01	56184153	56184276	NC_000007.13
cg16758809	4.74E-06	7.59E-07	5.11	4.7619495	2.49E-02	43151825	43151948	NC_000012.11
cg01035170	4.74E-06	7.59E-07	5.11	4.7618053	1.35E-01	7851681	7851804	NC_000005.9
cg23963802	4.75E-06	7.60E-07	5.11	4.760907	7.44E-02	101874887	101875010	NC_000010.10
cg14036830	4.75E-06	7.60E-07	5.11	4.7607506	1.80E-01	42503207	42503330	NC_000019.9
cg02980499	4.75E-06	7.60E-07	5.11	4.7606925	9.48E-02	98031964	98032087	NC_000010.10
cg02439266	4.76E-06	7.61E-07	5.11	4.7593712	1.02E-01	27150042	27150165	NC_000007.13
cg17797121	4.76E-06	7.62E-07	5.11	4.7578918	3.29E-02	99330133	99330256	NC_000010.10
cg05495391	4.76E-06	7.63E-07	5.11	4.7575554	8.76E-02	7866767	7866890	NC_000005.9
cg22765233	4.77E-06	7.63E-07	5.11	4.7568658	3.81E-02	58257814	58257937	NC_000019.9
cg22333259	4.77E-06	7.64E-07	5.11	4.7564034	7.85E-02	19394757	19394880	NC_000001.10
cg09894929	4.77E-06	7.64E-07	5.11	4.7557584	8.98E-02	8473578	8473701	NC_000007.13
cg21341928	4.77E-06	7.64E-07	5.11	4.755635	8.40E-02	25670327	25670450	NC_000013.10
cg19516404	4.77E-06	7.64E-07	5.11	4.7554755	9.01E-02	147123475	147123598	NC_000003.11
cg13726878	4.78E-06	7.65E-07	5.11	4.7551033	5.49E-02	1908303	1908426	NC_000012.11
cg19614312	4.78E-06	7.65E-07	5.11	4.7549126	6.29E-02	123477787	123477910	NC_000011.9
cg08089567	4.78E-06	7.65E-07	5.11	4.7544544	9.33E-02	45705994	45706117	NC_000021.8
cg05710071	4.78E-06	7.66E-07	5.11	4.7539978	6.61E-02	40786198	40786321	NC_000001.10
cg19333114	4.78E-06	7.66E-07	5.11	4.7537064	8.06E-02	60777419	60777542	NC_000002.11
cg01799653	4.79E-06	7.67E-07	5.11	4.7516144	1.35E-01	10563501	10563624	NC_000005.9
cg18196334	4.79E-06	7.68E-07	5.11	4.7514429	7.41E-02	132169032	132169155	NC_000012.11
cg01790002	4.79E-06	7.68E-07	5.11	4.7513249	1.56E-01	27283545	27283668	NC_000007.13

cg11269599	4.80E-06	7.68E-07	5.11	4.7507288	1.75E-01	52391304	52391427	NC_000019.9
cg05380503	4.80E-06	7.68E-07	5.11	4.7503855	1.00E-01	43151986	43152109	NC_000007.13
cg07303244	4.80E-06	7.68E-07	5.11	4.7503681	1.87E-01	54164161	54164284	NC_000008.10
cg13485564	4.80E-06	7.69E-07	5.11	4.7497692	1.35E-01	223167617	223167740	NC_000002.11
cg19585597	4.80E-06	7.69E-07	5.11	4.7494757	1.28E-01	150326193	150326316	NC_000005.9
cg27650870	4.80E-06	7.69E-07	5.11	4.7494308	7.51E-02	41583136	41583259	NC_000008.10
cg13895235	4.80E-06	7.69E-07	5.11	4.7492885	1.93E-01	752292	752415	NC_000007.13
cg00875989	4.80E-06	7.69E-07	5.11	4.7490999	9.52E-02	44774054	44774177	NC_000018.9
cg15487867	4.80E-06	7.70E-07	5.11	4.7486415	1.87E-01	1475742	1475865	NC_000001.10
cg00570580	4.81E-06	7.70E-07	5.11	4.7480525	8.72E-02	111447255	111447378	NC_000002.11
cg04813711	4.81E-06	7.70E-07	5.11	4.747988	1.08E-01	57597905	57598028	NC_000016.9
cg22497741	4.81E-06	7.71E-07	5.11	4.7474965	1.25E-01	1475644	1475767	NC_000001.10
cg00700041	4.81E-06	7.71E-07	5.11	4.7467813	1.32E-01	13843911	13844034	NC_000001.10
cg14814323	4.81E-06	7.71E-07	5.11	4.7467677	3.91E-02	6412852	6412975	NC_000011.9
cg26147947	4.81E-06	7.71E-07	5.11	4.746578	1.17E-01	130590231	130590354	NC_000012.11
cg25048816	4.81E-06	7.71E-07	5.11	4.7465353	5.13E-02	778219	778342	NC_000010.10
cg01965425	4.81E-06	7.72E-07	5.11	4.7464431	1.08E-02	89629891	89630014	NC_000004.11
cg06410163	4.81E-06	7.72E-07	5.11	4.7463825	7.33E-02	57484637	57484760	NC_000007.13
cg21080655	4.82E-06	7.72E-07	5.11	4.7455503	3.50E-02	3633956	3634079	NC_000002.11
cg12629250	4.82E-06	7.72E-07	5.11	4.7454415	4.46E-02	20149347	20149470	NC_000015.9
cg25106304	4.82E-06	7.72E-07	5.11	4.7453157	9.50E-02	85906433	85906556	NC_000011.9
cg14278853	4.82E-06	7.72E-07	5.11	4.7452605	1.71E-01	29521756	29521879	NC_000006.11
cg08316009	4.82E-06	7.73E-07	5.11	4.7449502	7.65E-02	89165765	89165888	NC_000016.9
cg10188732	4.82E-06	7.73E-07	5.11	4.7445771	1.50E-01	98945949	98946072	NC_000010.10
cg09152886	4.82E-06	7.73E-07	5.11	4.7445106	1.00E-01	78493651	78493774	NC_000013.10

cg14507445	4.82E-06	7.73E-07	5.11	4.744199	1.08E-01	49886340	49886463	NC_000022.10
cg08520746	4.83E-06	7.73E-07	5.11	4.7439935	1.01E-01	172945932	172946055	NC_000002.11
cg13237021	4.83E-06	7.74E-07	5.11	4.7437478	5.50E-02	69949774	69949897	NC_000011.9
cg22158769	4.83E-06	7.74E-07	5.11	4.7437379	1.44E-01	39187539	39187662	NC_000002.11
cg20026664	4.83E-06	7.74E-07	5.11	4.7434436	1.01E-01	87999314	87999437	NC_000004.11
cg23547243	4.83E-06	7.74E-07	5.11	4.7434368	3.04E-02	43439288	43439411	NC_000013.10
cg13772595	4.83E-06	7.74E-07	5.11	4.7430236	6.93E-02	138623422	138623545	NC_000009.11
cg02335657	4.83E-06	7.74E-07	5.11	4.7430077	5.74E-02	129116059	129116182	NC_000003.11
cg01888566	4.83E-06	7.75E-07	5.11	4.7423512	8.36E-02	130126513	130126636	NC_000007.13
cg11218385	4.84E-06	7.75E-07	5.11	4.7416608	1.32E-01	31092854	31092977	NC_000007.13
cg23933618	4.84E-06	7.75E-07	5.11	4.7416332	1.47E-01	31837250	31837373	NC_000011.9
cg06267728	4.84E-06	7.76E-07	5.11	4.7403566	6.62E-02	32097116	32097239	NC_000006.11
cg24328125	4.85E-06	7.77E-07	5.11	4.7396928	1.19E-01	126168546	126168669	NC_000012.11
cg00934355	4.85E-06	7.77E-07	5.11	4.7394327	1.23E-01	1049244	1049367	NC_000009.11
cg26351951	4.85E-06	7.77E-07	5.11	4.7390298	4.57E-02	32056756	32056879	NC_000006.11
cg20375093	4.85E-06	7.78E-07	5.11	4.7387412	6.61E-02	178775192	178775315	NC_000005.9
cg07720540	4.85E-06	7.78E-07	5.11	4.738631	5.88E-02	3477442	3477565	NC_000001.10
cg24010531	4.85E-06	7.78E-07	5.11	4.7382464	5.81E-02	28400281	28400404	NC_000019.9
cg15003570	4.85E-06	7.78E-07	5.11	4.7380068	9.73E-02	133529939	133530062	NC_000010.10
cg03467725	4.85E-06	7.78E-07	5.11	4.7379634	9.96E-02	1922370	1922493	NC_000016.9
cg22031848	4.85E-06	7.78E-07	5.11	4.7378425	5.76E-02	68594526	68594649	NC_000015.9
cg10821610	4.85E-06	7.79E-07	5.11	4.7376746	1.13E-01	19052235	19052358	NC_000001.10
cg20447508	4.86E-06	7.79E-07	5.11	4.7372402	9.34E-02	38691801	38691924	NC_000010.10
cg19848629	4.86E-06	7.79E-07	5.11	4.7370823	1.42E-01	65286244	65286367	NC_000008.10
cg00558031	4.86E-06	7.80E-07	5.11	4.7363375	9.19E-02	8466291	8466414	NC_000004.11

cg05988356	4.86E-06	7.80E-07	5.11	4.7355434	9.05E-02	34295916	34296039	NC_000016.9
cg26756083	4.87E-06	7.81E-07	5.11	4.7351787	1.42E-01	89339622	89339745	NC_000008.10
cg11071155	4.87E-06	7.81E-07	5.11	4.7344732	4.09E-02	157012049	157012172	NC_000006.11
cg09121478	4.87E-06	7.82E-07	5.11	4.7337048	6.27E-02	9086460	9086583	NC_000001.10
cg17657394	4.87E-06	7.82E-07	5.11	4.733391	9.37E-02	137819188	137819311	NC_000006.11
cg01082512	4.88E-06	7.83E-07	5.1	4.7326623	1.38E-01	23462117	23462240	NC_000010.10
cg23920642	4.88E-06	7.83E-07	5.1	4.7325442	1.01E-01	121947425	121947548	NC_000007.13
cg06314969	4.88E-06	7.83E-07	5.1	4.7325259	5.71E-02	31357535	31357658	NC_000015.9
cg06973225	4.88E-06	7.83E-07	5.1	4.7321893	2.65E-02	31343737	31343860	NC_000001.10
cg04493818	4.88E-06	7.83E-07	5.1	4.7316571	9.91E-02	3644437	3644560	NC_000004.11
cg24867279	4.88E-06	7.83E-07	5.1	4.7315867	1.17E-01	28853021	28853144	NC_000006.11
cg05749067	4.88E-06	7.84E-07	5.1	4.7314922	4.58E-02	26517321	26517444	NC_000001.10
cg13060531	4.88E-06	7.84E-07	5.1	4.731437	6.73E-02	84466098	84466221	NC_000001.10
cg04201285	4.88E-06	7.84E-07	5.1	4.731063	6.55E-02	5687733	5687856	NC_000019.9
cg02147695	4.89E-06	7.84E-07	5.1	4.730987	1.35E-01	78493657	78493780	NC_000013.10
cg15613067	4.89E-06	7.85E-07	5.1	4.7302329	2.34E-02	242053881	242054004	NC_000002.11
cg17916835	4.89E-06	7.85E-07	5.1	4.7301048	1.15E-01	96655044	96655167	NC_000007.13
cg21467206	4.89E-06	7.85E-07	5.1	4.7298793	9.23E-02	53455960	53456083	NC_000012.11
cg20029745	4.89E-06	7.85E-07	5.1	4.7295193	1.29E-01	28621985	28622108	NC_000018.9
cg17386057	4.89E-06	7.85E-07	5.1	4.7294717	1.69E-01	113917621	113917744	NC_000012.11
cg04607865	4.89E-06	7.85E-07	5.1	4.7292295	1.12E-01	20834362	20834485	NC_000007.13
cg10362842	4.89E-06	7.86E-07	5.1	4.7290614	4.23E-02	123353578	123353701	NC_000010.10
cg11877297	4.89E-06	7.86E-07	5.1	4.7288685	1.48E-02	81965725	81965848	NC_000010.10
cg05110901	4.90E-06	7.86E-07	5.1	4.7286588	4.30E-02	76931566	76931689	NC_000004.11
cg04514469	4.90E-06	7.86E-07	5.1	4.7286077	8.37E-02	95942666	95942789	NC_000014.8

cg18988938	4.90E-06	7.86E-07	5.1	4.7282032	5.61E-02	23849671	23849794	NC_000002.11
cg17174023	4.90E-06	7.86E-07	5.1	4.728186	1.45E-01	50987453	50987576	NC_000022.10
cg09646754	4.90E-06	7.86E-07	5.1	4.7279301	6.36E-02	44207543	44207666	NC_000020.10
cg24122826	4.90E-06	7.87E-07	5.1	4.727357	9.82E-02	107578640	107578763	NC_000011.9
cg17251384	4.90E-06	7.87E-07	5.1	4.7270631	3.05E-02	36333629	36333752	NC_000004.11
cg22498251	4.90E-06	7.87E-07	5.1	4.7269227	1.04E-01	19157710	19157833	NC_000007.13
cg26693927	4.90E-06	7.88E-07	5.1	4.7265388	3.42E-02	75538132	75538255	NC_000005.9
cg09503194	4.91E-06	7.88E-07	5.1	4.7263443	4.03E-02	41833279	41833402	NC_000022.10
cg24776465	4.91E-06	7.88E-07	5.1	4.7259769	3.00E-02	25572657	25572780	NC_000018.9
cg25252585	4.91E-06	7.89E-07	5.1	4.7247541	8.02E-02	35633972	35634095	NC_000019.9
cg07169798	4.92E-06	7.89E-07	5.1	4.7243622	5.81E-02	43417050	43417173	NC_000008.10
cg19878659	4.92E-06	7.89E-07	5.1	4.7243576	1.15E-01	143532735	143532858	NC_000008.10
cg24422029	4.92E-06	7.90E-07	5.1	4.7239374	8.37E-02	18549378	18549501	NC_000010.10
cg12097883	4.92E-06	7.90E-07	5.1	4.7238507	1.11E-01	62774939	62775062	NC_000017.10
cg24794228	4.92E-06	7.90E-07	5.1	4.7232915	1.55E-01	52391166	52391289	NC_000019.9
cg26155867	4.92E-06	7.91E-07	5.1	4.7227396	9.27E-02	100644276	100644399	NC_000013.10
cg05868512	4.92E-06	7.91E-07	5.1	4.7223637	1.00E-01	54794875	54794998	NC_000008.10
cg04737131	4.92E-06	7.91E-07	5.1	4.7223124	1.78E-01	27142708	27142831	NC_000007.13
cg17724789	4.93E-06	7.91E-07	5.1	4.7220559	4.17E-02	164711880	164712003	NC_000001.10
cg00773902	4.93E-06	7.91E-07	5.1	4.7218337	1.73E-01	19007324	19007447	NC_000019.9
cg05969018	4.93E-06	7.91E-07	5.1	4.721817	6.91E-02	47056933	47057056	NC_000021.8
cg02765363	4.93E-06	7.92E-07	5.1	4.7215965	1.07E-01	80200741	80200864	NC_000017.10
cg07615781	4.93E-06	7.92E-07	5.1	4.7215258	8.41E-02	71350888	71351011	NC_000011.9
cg07471256	4.93E-06	7.92E-07	5.1	4.7211129	5.94E-02	96057505	96057628	NC_000011.9
cg12707693	4.93E-06	7.92E-07	5.1	4.720718	1.10E-01	6652106	6652229	NC_000011.9

cg00009292	4.93E-06	7.93E-07	5.1	4.7204442	1.31E-01	50882082	50882205	NC_000001.10
cg21178979	4.94E-06	7.93E-07	5.1	4.7193696	5.33E-02	1889533	1889656	NC_000007.13
cg17934948	4.94E-06	7.94E-07	5.1	4.719134	1.35E-01	215255716	215255839	NC_000001.10
cg12690148	4.94E-06	7.94E-07	5.1	4.7187213	1.79E-01	63788429	63788552	NC_000001.10
cg07349767	4.94E-06	7.94E-07	5.1	4.7181274	3.61E-02	230827339	230827462	NC_000001.10
cg03748210	4.95E-06	7.95E-07	5.1	4.7177045	2.63E-02	1854795	1854918	NC_000008.10
cg03742932	4.95E-06	7.95E-07	5.1	4.717611	5.06E-02	90338067	90338190	NC_000007.13
cg07973507	4.95E-06	7.95E-07	5.1	4.7168721	7.00E-02	106095523	106095646	NC_000014.8
cg12927990	4.95E-06	7.95E-07	5.1	4.7168472	1.54E-01	56887320	56887443	NC_000018.9
cg04938966	4.95E-06	7.96E-07	5.1	4.7168036	8.79E-02	86530790	86530913	NC_000016.9
cg03367275	4.95E-06	7.96E-07	5.1	4.7167544	3.70E-02	93649798	93649921	NC_000010.10
cg07092111	4.95E-06	7.96E-07	5.1	4.7167425	1.17E-01	32621403	32621526	NC_000010.10
cg09775238	4.95E-06	7.96E-07	5.1	4.716476	5.33E-02	86580410	86580533	NC_000016.9
cg26964907	4.95E-06	7.96E-07	5.1	4.7164028	8.59E-02	117592358	117592481	NC_000006.11
cg13889508	4.96E-06	7.97E-07	5.1	4.7154395	7.86E-02	11059010	11059133	NC_000003.11
cg23633028	4.96E-06	7.97E-07	5.1	4.7152953	7.71E-02	31039180	31039303	NC_000006.11
cg16911349	4.96E-06	7.97E-07	5.1	4.715015	1.11E-01	10406935	10407058	NC_000019.9
cg16720379	4.96E-06	7.97E-07	5.1	4.7150146	7.09E-02	33506184	33506307	NC_000011.9
cg17304531	4.96E-06	7.97E-07	5.1	4.7146545	8.88E-02	197401639	197401762	NC_000003.11
cg15163719	4.96E-06	7.97E-07	5.1	4.7144531	7.39E-02	32052212	32052335	NC_000006.11
cg17323956	4.96E-06	7.98E-07	5.1	4.7141975	6.35E-02	134807335	134807458	NC_000010.10
cg07044282	4.97E-06	7.98E-07	5.1	4.7135469	9.39E-02	178840137	178840260	NC_000001.10
cg22659049	4.97E-06	7.99E-07	5.1	4.712673	8.71E-02	41646672	41646795	NC_000004.11
cg15793329	4.97E-06	7.99E-07	5.1	4.7125909	9.04E-02	32064749	32064872	NC_000006.11
cg00178897	4.98E-06	8.00E-07	5.1	4.7110613	1.65E-01	175208588	175208711	NC_000002.11

cg07343429	4.98E-06	8.00E-07	5.1	4.7109209	8.23E-03	1785120	1785243	NC_000011.9
cg21627181	4.98E-06	8.01E-07	5.1	4.7104636	1.02E-01	25754190	25754313	NC_000006.11
cg21164440	4.98E-06	8.01E-07	5.1	4.7103049	1.51E-01	100438737	100438860	NC_000014.8
cg00475112	4.98E-06	8.01E-07	5.1	4.7102595	2.78E-02	9444815	9444938	NC_000012.11
cg17042439	4.98E-06	8.01E-07	5.1	4.7100268	9.64E-02	117529772	117529895	NC_000001.10
cg05214708	4.99E-06	8.02E-07	5.1	4.7095239	6.65E-02	207961006	207961129	NC_000002.11
cg26622699	4.99E-06	8.02E-07	5.1	4.7094287	8.88E-02	46628303	46628426	NC_000017.10
cg03472672	4.99E-06	8.02E-07	5.1	4.7091294	1.20E-01	28762471	28762594	NC_000006.11
cg13590475	4.99E-06	8.03E-07	5.1	4.7081787	8.90E-02	133137827	133137950	NC_000006.11
cg19269511	4.99E-06	8.03E-07	5.1	4.7079599	7.73E-02	132890839	132890962	NC_000010.10
cg25326570	4.99E-06	8.03E-07	5.1	4.7077113	7.10E-02	57426757	57426880	NC_000020.10
cg09889228	5.00E-06	8.04E-07	5.1	4.7071257	5.09E-02	48530097	48530220	NC_000016.9
cg23051411	5.00E-06	8.04E-07	5.1	4.7062956	5.80E-02	237123571	237123694	NC_000002.11
cg14610066	5.00E-06	8.05E-07	5.1	4.7058098	1.11E-01	71936691	71936814	NC_000009.11
cg05121790	5.00E-06	8.05E-07	5.1	4.7054397	1.29E-01	12123554	12123677	NC_000001.10
cg07285641	5.00E-06	8.05E-07	5.1	4.7053694	1.21E-01	52345302	52345425	NC_000013.10
cg26862314	5.01E-06	8.05E-07	5.1	4.7048951	3.21E-02	12871165	12871288	NC_000019.9
cg07266404	5.01E-06	8.06E-07	5.1	4.7045607	1.69E-01	54447584	54447707	NC_000012.11
cg27537611	5.01E-06	8.06E-07	5.1	4.7044674	7.55E-02	133795558	133795681	NC_000010.10
cg17161250	5.01E-06	8.06E-07	5.1	4.7043146	1.91E-01	106682209	106682332	NC_000002.11
cg06500714	5.01E-06	8.06E-07	5.1	4.7041129	1.36E-01	135050622	135050745	NC_000010.10
cg07938847	5.01E-06	8.06E-07	5.1	4.7036293	9.87E-02	82126349	82126472	NC_000004.11
cg13378628	5.02E-06	8.07E-07	5.1	4.7024108	1.05E-01	76934693	76934816	NC_000005.9
cg13726459	5.02E-06	8.08E-07	5.1	4.7023226	1.20E-01	54409657	54409780	NC_000012.11
cg06534427	5.02E-06	8.08E-07	5.1	4.7019104	8.78E-02	39713022	39713145	NC_000022.10

cg12363671	5.02E-06	8.08E-07	5.1	4.7016831	7.61E-02	43491213	43491336	NC_000021.8
cg01617859	5.02E-06	8.08E-07	5.1	4.7014369	2.40E-02	41527294	41527417	NC_000006.11
cg06005891	5.02E-06	8.08E-07	5.1	4.7012473	1.30E-01	1389167	1389290	NC_000006.11
cg00020191	5.03E-06	8.09E-07	5.1	4.7007035	1.70E-01	79258083	79258206	NC_000012.11
cg13681468	5.03E-06	8.09E-07	5.1	4.700289	1.29E-01	90227879	90228002	NC_000004.11
cg25323444	5.03E-06	8.10E-07	5.1	4.6998608	3.42E-02	2111060	2111183	NC_000007.13
cg11349594	5.03E-06	8.10E-07	5.1	4.6993228	1.04E-01	31868797	31868920	NC_000006.11
cg02072366	5.04E-06	8.10E-07	5.1	4.6989904	9.03E-02	54345056	54345179	NC_000012.11
cg02282774	5.04E-06	8.10E-07	5.1	4.6988789	1.14E-01	50264516	50264639	NC_000005.9
cg08584665	5.04E-06	8.11E-07	5.1	4.698226	6.80E-02	23471813	23471936	NC_000007.13
cg11886002	5.04E-06	8.11E-07	5.1	4.6980975	6.38E-02	180487371	180487494	NC_000005.9
cg20582976	5.04E-06	8.11E-07	5.1	4.6979137	1.03E-01	90301560	90301683	NC_000014.8
cg00807197	5.04E-06	8.11E-07	5.1	4.6977614	1.21E-01	128822865	128822988	NC_000012.11
cg07628705	5.04E-06	8.11E-07	5.1	4.697712	9.43E-02	51339074	51339197	NC_000014.8
cg09285795	5.04E-06	8.11E-07	5.1	4.6976739	8.63E-02	112761581	112761704	NC_000013.10
cg24589834	5.04E-06	8.11E-07	5.1	4.6976259	8.96E-02	15083092	15083215	NC_000001.10
cg06480695	5.04E-06	8.12E-07	5.1	4.6975382	1.14E-01	20747314	20747437	NC_000017.10
cg18434560	5.05E-06	8.12E-07	5.1	4.6964228	8.85E-02	317767	317890	NC_000011.9
cg19133221	5.05E-06	8.13E-07	5.1	4.6959983	1.49E-01	47210279	47210402	NC_000017.10
cg24398258	5.05E-06	8.13E-07	5.1	4.6957493	4.73E-02	61401678	61401801	NC_000020.10
cg08097755	5.05E-06	8.13E-07	5.1	4.6956847	1.46E-01	100808488	100808611	NC_000007.13
cg19039028	5.05E-06	8.13E-07	5.1	4.6956682	1.28E-01	110223429	110223552	NC_000004.11
cg26380692	5.05E-06	8.13E-07	5.1	4.6952979	7.70E-02	28967425	28967548	NC_000006.11
cg06610484	5.05E-06	8.14E-07	5.1	4.6950318	1.27E-01	100442105	100442228	NC_000006.11
cg18794577	5.06E-06	8.14E-07	5.1	4.6944379	1.59E-01	104501030	104501153	NC_000009.11



cg27618483	5.06E-06	8.14E-07	5.1	4.6944054	4.07E-02	155433424	155433547	NC_000002.11
cg19709054	5.06E-06	8.14E-07	5.1	4.694336	6.83E-02	25654697	25654820	NC_000015.9
cg00120825	5.06E-06	8.14E-07	5.1	4.6940719	5.13E-02	2338738	2338861	NC_000001.10
cg13426224	5.06E-06	8.15E-07	5.1	4.6929943	9.75E-02	133196447	133196570	NC_000012.11
cg01396112	5.06E-06	8.16E-07	5.1	4.692803	1.61E-01	26120702	26120825	NC_000017.10
cg12065840	5.07E-06	8.16E-07	5.1	4.6922052	1.55E-01	121138133	121138256	NC_000008.10
cg07080864	5.07E-06	8.16E-07	5.1	4.691752	8.86E-02	57359956	57360079	NC_000008.10
cg12581592	5.07E-06	8.16E-07	5.1	4.6916755	1.31E-01	13984043	13984166	NC_000011.9
cg06374165	5.07E-06	8.17E-07	5.1	4.6909566	1.53E-01	192445533	192445656	NC_000003.11
cg11457817	5.08E-06	8.19E-07	5.1	4.6891714	6.66E-02	172755103	172755226	NC_000005.9
cg10453123	5.08E-06	8.19E-07	5.1	4.6887701	2.16E-02	57388979	57389102	NC_000012.11
cg10098888	5.09E-06	8.19E-07	5.1	4.6884361	5.74E-02	227665799	227665922	NC_000002.11
cg00840516	5.09E-06	8.19E-07	5.1	4.6884022	7.55E-02	50360097	50360220	NC_000003.11
cg05478392	5.09E-06	8.19E-07	5.09	4.6880878	9.95E-02	34510767	34510890	NC_000005.9
cg17518215	5.09E-06	8.20E-07	5.09	4.6880553	1.13E-01	172973241	172973364	NC_000002.11
cg14605150	5.09E-06	8.20E-07	5.09	4.6879354	6.77E-02	33012608	33012731	NC_000015.9
cg26003222	5.09E-06	8.20E-07	5.09	4.687721	3.56E-02	75347770	75347893	NC_000017.10
cg21525314	5.09E-06	8.21E-07	5.09	4.6867072	9.26E-02	102920771	102920894	NC_000007.13
cg24139732	5.10E-06	8.21E-07	5.09	4.6860015	1.07E-01	4857506	4857629	NC_000004.11
cg06430772	5.10E-06	8.21E-07	5.09	4.6858766	1.12E-01	236443508	236443631	NC_000002.11
cg12330703	5.10E-06	8.22E-07	5.09	4.6855873	5.55E-02	153424395	153424518	NC_000003.11
cg11746396	5.10E-06	8.22E-07	5.09	4.6847361	6.75E-02	65157749	65157872	NC_000001.10
cg00047683	5.10E-06	8.22E-07	5.09	4.6846024	1.03E-01	72034122	72034245	NC_000016.9
cg03298319	5.10E-06	8.22E-07	5.09	4.6845817	1.73E-01	33403060	33403183	NC_000014.8
cg08587797	5.11E-06	8.24E-07	5.09	4.682918	1.38E-01	102988852	102988975	NC_000010.10

cg15474435	5.11E-06	8.24E-07	5.09	4.6828374	3.01E-02	130368058	130368181	NC_000003.11
cg05082738	5.11E-06	8.24E-07	5.09	4.6828135	5.39E-02	60414918	60415041	NC_000011.9
cg01503348	5.11E-06	8.24E-07	5.09	4.6824281	1.66E-01	113342326	113342449	NC_000009.11
cg00376544	5.12E-06	8.25E-07	5.09	4.6820681	1.85E-01	6679348	6679471	NC_000017.10
cg01764020	5.12E-06	8.25E-07	5.09	4.682019	1.36E-01	38444087	38444210	NC_000013.10
cg00614641	5.12E-06	8.25E-07	5.09	4.6817852	1.28E-01	61596405	61596528	NC_000011.9
cg10620767	5.12E-06	8.25E-07	5.09	4.6816864	3.14E-02	300254	300377	NC_000010.10
cg03142956	5.12E-06	8.25E-07	5.09	4.6815397	8.00E-02	205012349	205012472	NC_000001.10
cg17075913	5.12E-06	8.25E-07	5.09	4.6814981	5.56E-02	78444608	78444731	NC_000017.10
cg22741272	5.12E-06	8.25E-07	5.09	4.6811887	4.25E-02	6460966	6461089	NC_000007.13
cg15356923	5.12E-06	8.25E-07	5.09	4.6811532	1.12E-01	68981011	68981134	NC_000003.11
cg24334111	5.12E-06	8.25E-07	5.09	4.6811454	1.82E-01	57078780	57078903	NC_000019.9
cg04440811	5.12E-06	8.26E-07	5.09	4.6803255	4.78E-02	129817712	129817835	NC_000011.9
cg06878361	5.13E-06	8.26E-07	5.09	4.6802073	1.38E-01	52390810	52390933	NC_000019.9
cg18976177	5.13E-06	8.27E-07	5.09	4.6797133	5.60E-02	75160019	75160142	NC_000007.13
cg07218663	5.13E-06	8.27E-07	5.09	4.6795354	1.25E-01	146350618	146350741	NC_000006.11
cg21643178	5.13E-06	8.27E-07	5.09	4.6789821	9.52E-02	30139573	30139696	NC_000006.11
cg06722923	5.13E-06	8.27E-07	5.09	4.6786855	2.30E-02	130952266	130952389	NC_000009.11
cg00292971	5.14E-06	8.28E-07	5.09	4.678248	7.10E-02	143060536	143060659	NC_000007.13
cg24518873	5.14E-06	8.28E-07	5.09	4.6778493	5.64E-02	40566060	40566183	NC_000001.10
cg26094554	5.14E-06	8.29E-07	5.09	4.6774868	8.85E-02	36719654	36719777	NC_000017.10
cg00758296	5.14E-06	8.29E-07	5.09	4.6773366	1.52E-01	45402995	45403118	NC_000022.10
cg13525812	5.14E-06	8.29E-07	5.09	4.6771392	3.81E-02	68220007	68220130	NC_000008.10
cg22478121	5.14E-06	8.29E-07	5.09	4.6766796	1.06E-01	19556066	19556189	NC_000002.11
cg10638599	5.14E-06	8.29E-07	5.09	4.6764186	1.58E-01	55954621	55954744	NC_000019.9

cg12131419	5.14E-06	8.30E-07	5.09	4.6762607	7.60E-02	49353073	49353196	NC_000015.9
cg10387956	5.15E-06	8.31E-07	5.09	4.6747933	6.47E-02	72646210	72646333	NC_000015.9
cg10982443	5.16E-06	8.32E-07	5.09	4.6738112	8.92E-02	20903611	20903734	NC_000014.8
cg16727201	5.16E-06	8.32E-07	5.09	4.673641	1.62E-01	12254556	12254679	NC_000018.9
cg05947505	5.16E-06	8.32E-07	5.09	4.673477	6.36E-02	102800464	102800587	NC_000010.10
cg03476673	5.17E-06	8.34E-07	5.09	4.6715793	1.15E-01	84870203	84870326	NC_000016.9
cg05277466	5.17E-06	8.34E-07	5.09	4.6713022	2.82E-02	88082055	88082178	NC_000016.9
cg26841967	5.17E-06	8.34E-07	5.09	4.6708753	1.04E-01	53812098	53812221	NC_000019.9
cg13036702	5.17E-06	8.35E-07	5.09	4.6703407	1.06E-01	94799727	94799850	NC_000011.9
cg24642065	5.18E-06	8.35E-07	5.09	4.669892	1.13E-01	130527030	130527153	NC_000012.11
cg08684733	5.18E-06	8.35E-07	5.09	4.6697632	3.54E-02	197663828	197663951	NC_000003.11
cg00382185	5.18E-06	8.35E-07	5.09	4.6697157	9.71E-02	4464011	4464134	NC_000017.10
cg25694480	5.18E-06	8.35E-07	5.09	4.669698	6.53E-02	62032881	62033004	NC_000020.10
cg05472874	5.18E-06	8.36E-07	5.09	4.6691802	9.73E-02	44258179	44258302	NC_000022.10
cg15410169	5.18E-06	8.36E-07	5.09	4.6687431	5.17E-02	29518429	29518552	NC_000007.13
cg18023943	5.18E-06	8.36E-07	5.09	4.6685604	1.09E-01	221066688	221066811	NC_000001.10
cg27576971	5.18E-06	8.37E-07	5.09	4.6681861	6.24E-02	143093639	143093762	NC_000005.9
cg17238766	5.19E-06	8.37E-07	5.09	4.6675718	9.56E-02	60539675	60539798	NC_000001.10
cg10885139	5.19E-06	8.37E-07	5.09	4.6674508	1.78E-02	76111995	76112118	NC_000005.9
cg22091609	5.19E-06	8.37E-07	5.09	4.6673554	9.24E-02	20780508	20780631	NC_000022.10
cg14547644	5.19E-06	8.37E-07	5.09	4.6673336	1.31E-01	28411285	28411408	NC_000006.11
cg15909933	5.19E-06	8.38E-07	5.09	4.6666222	1.29E-01	72201008	72201131	NC_000010.10
cg26771559	5.19E-06	8.38E-07	5.09	4.6665557	2.13E-02	4102512	4102635	NC_000019.9
cg22940953	5.20E-06	8.39E-07	5.09	4.665893	6.61E-02	15096426	15096549	NC_000021.8
cg07788286	5.20E-06	8.39E-07	5.09	4.6656511	1.44E-01	906224	906347	NC_000018.9

cg02833386	5.20E-06	8.39E-07	5.09	4.6651616	2.16E-02	107223427	107223550	NC_000006.11
cg21530267	5.20E-06	8.40E-07	5.09	4.664747	7.67E-02	140481267	140481390	NC_000005.9
cg26913306	5.20E-06	8.40E-07	5.09	4.6646686	2.57E-02	159912862	159912985	NC_000001.10
cg23734973	5.21E-06	8.40E-07	5.09	4.6636562	9.41E-02	158141449	158141572	NC_000004.11
cg04802694	5.21E-06	8.41E-07	5.09	4.6633168	1.49E-01	60797213	60797336	NC_000002.11
cg21023770	5.21E-06	8.41E-07	5.09	4.6624977	5.10E-02	44517227	44517350	NC_000020.10
cg01728712	5.21E-06	8.42E-07	5.09	4.6624458	3.89E-02	17304434	17304557	NC_000001.10
cg14996143	5.21E-06	8.42E-07	5.09	4.6624385	1.00E-01	172945328	172945451	NC_000002.11
cg00244391	5.21E-06	8.42E-07	5.09	4.6623281	1.52E-02	109420291	109420414	NC_000006.11
cg13294753	5.22E-06	8.42E-07	5.09	4.6619141	3.21E-02	141001788	141001911	NC_000005.9
cg09495769	5.22E-06	8.42E-07	5.09	4.6617543	1.22E-01	27225342	27225465	NC_000007.13
cg22414192	5.22E-06	8.42E-07	5.09	4.6613626	6.16E-02	49621088	49621211	NC_000020.10
cg10612282	5.22E-06	8.43E-07	5.09	4.6609506	3.84E-02	123479583	123479706	NC_000012.11
cg00756448	5.22E-06	8.43E-07	5.09	4.6604514	4.19E-02	18997967	18998090	NC_000016.9
cg16488737	5.22E-06	8.43E-07	5.09	4.6602276	1.71E-01	132934224	132934347	NC_000011.9
cg03903991	5.22E-06	8.44E-07	5.09	4.6601287	1.15E-01	107955541	107955664	NC_000004.11
cg07783889	5.23E-06	8.44E-07	5.09	4.6599332	3.39E-02	134593607	134593730	NC_000010.10
cg26546373	5.23E-06	8.44E-07	5.09	4.6599013	8.99E-02	154095163	154095286	NC_000005.9
cg12412255	5.23E-06	8.45E-07	5.09	4.6586033	3.70E-02	1487975	1488098	NC_000005.9
cg23511079	5.24E-06	8.46E-07	5.09	4.6577022	2.85E-02	71509120	71509243	NC_000015.9
cg08852035	5.24E-06	8.46E-07	5.09	4.6572408	3.83E-02	7985346	7985469	NC_000006.11
cg26773342	5.24E-06	8.47E-07	5.09	4.6564653	4.07E-02	135406185	135406308	NC_000007.13
cg17409288	5.24E-06	8.47E-07	5.09	4.6563706	2.10E-02	17600149	17600272	NC_000004.11
cg12364115	5.24E-06	8.47E-07	5.09	4.6562494	6.15E-02	2780544	2780667	NC_000005.9
cg06514855	5.25E-06	8.48E-07	5.09	4.6553435	8.29E-02	21220141	21220264	NC_000017.10

cg27581091	5.25E-06	8.48E-07	5.09	4.6546379	6.78E-02	134884455	134884578	NC_000010.10
cg11806630	5.25E-06	8.48E-07	5.09	4.6546195	1.74E-01	79383858	79383981	NC_000015.9
cg23291039	5.25E-06	8.49E-07	5.09	4.6541698	6.60E-02	25808901	25809024	NC_000004.11
cg20674577	5.25E-06	8.49E-07	5.09	4.6541208	1.29E-01	58179540	58179663	NC_000020.10
cg07206630	5.26E-06	8.49E-07	5.09	4.653882	8.62E-02	142066768	142066891	NC_000005.9
cg04598774	5.26E-06	8.50E-07	5.09	4.6532415	1.00E-01	31821590	31821713	NC_000011.9
cg26558435	5.26E-06	8.50E-07	5.09	4.6529273	4.81E-02	431422	431545	NC_000011.9
cg19962990	5.26E-06	8.50E-07	5.09	4.6528877	1.41E-01	904523	904646	NC_000018.9
cg17292384	5.26E-06	8.50E-07	5.09	4.6528052	8.31E-02	63743837	63743960	NC_000011.9
cg07878486	5.26E-06	8.50E-07	5.09	4.6526488	1.59E-01	58951885	58952008	NC_000019.9
cg16429214	5.26E-06	8.50E-07	5.09	4.6525741	5.35E-02	74266574	74266697	NC_000017.10
cg22525715	5.26E-06	8.50E-07	5.09	4.6524809	1.07E-01	58190139	58190262	NC_000001.10
cg16513149	5.26E-06	8.50E-07	5.09	4.6523	5.46E-02	144069512	144069635	NC_000008.10
cg03130180	5.26E-06	8.50E-07	5.09	4.6522312	7.55E-02	30312857	30312980	NC_000006.11
cg26683794	5.26E-06	8.51E-07	5.09	4.6520839	4.55E-02	96583751	96583874	NC_000013.10
cg05429698	5.27E-06	8.52E-07	5.09	4.6507235	4.61E-02	94783566	94783689	NC_000011.9
cg23675536	5.27E-06	8.52E-07	5.09	4.6504345	4.60E-02	134373627	134373750	NC_000011.9
cg05343689	5.28E-06	8.52E-07	5.09	4.6499233	4.75E-02	75852437	75852560	NC_000011.9
cg25171014	5.28E-06	8.53E-07	5.09	4.6496058	5.14E-02	39766256	39766379	NC_000017.10
cg16633951	5.28E-06	8.53E-07	5.09	4.6493287	1.29E-01	42971575	42971698	NC_000010.10
cg10433052	5.29E-06	8.54E-07	5.09	4.6476757	6.54E-02	26795536	26795659	NC_000001.10
cg00203347	5.29E-06	8.55E-07	5.09	4.6470409	8.10E-02	108603943	108604066	NC_000012.11
cg21399057	5.29E-06	8.55E-07	5.09	4.6470229	1.09E-01	46631910	46632033	NC_000017.10
cg24227371	5.29E-06	8.55E-07	5.09	4.6467857	7.31E-02	82718527	82718650	NC_000011.9
cg15941945	5.29E-06	8.56E-07	5.09	4.646446	3.70E-02	21319222	21319345	NC_000017.10

cg15722265	5.29E-06	8.56E-07	5.09	4.6463478	5.47E-02	224224049	224224172	NC_000001.10
cg12052765	5.30E-06	8.57E-07	5.09	4.6451697	1.28E-01	50816963	50817086	NC_000010.10
cg16581884	5.31E-06	8.58E-07	5.09	4.6431337	1.60E-01	100999953	101000076	NC_000011.9
cg09993715	5.31E-06	8.59E-07	5.08	4.6427735	1.57E-02	113891597	113891720	NC_000013.10
cg02702041	5.31E-06	8.59E-07	5.08	4.6424663	4.83E-02	91996229	91996352	NC_000009.11
cg21170836	5.32E-06	8.60E-07	5.08	4.6415062	9.86E-02	105812713	105812836	NC_000014.8
cg08741952	5.32E-06	8.60E-07	5.08	4.6413934	7.81E-02	35462987	35463110	NC_000022.10
cg16864819	5.32E-06	8.61E-07	5.08	4.6404852	7.60E-02	130641101	130641224	NC_000011.9
cg09599130	5.33E-06	8.61E-07	5.08	4.6399557	1.22E-01	104170691	104170814	NC_000010.10
cg05970311	5.33E-06	8.61E-07	5.08	4.6397529	1.20E-01	10749977	10750100	NC_000003.11
cg07894004	5.33E-06	8.62E-07	5.08	4.6395843	5.75E-02	11810683	11810806	NC_000002.11
cg01500844	5.33E-06	8.62E-07	5.08	4.6389778	1.10E-01	11530060	11530183	NC_000019.9
cg20716812	5.33E-06	8.62E-07	5.08	4.6388925	4.70E-02	39267536	39267659	NC_000006.11
cg09024228	5.33E-06	8.63E-07	5.08	4.638457	6.91E-02	116707400	116707523	NC_000001.10
cg24333192	5.33E-06	8.63E-07	5.08	4.6383121	1.51E-01	28603367	28603490	NC_000006.11
cg13605536	5.34E-06	8.63E-07	5.08	4.6378665	7.60E-02	137718987	137719110	NC_000009.11
cg22474464	5.34E-06	8.63E-07	5.08	4.6376617	1.44E-01	21492914	21493037	NC_000020.10
cg22168676	5.34E-06	8.64E-07	5.08	4.6373086	8.69E-02	10060780	10060903	NC_000006.11
cg05210412	5.35E-06	8.65E-07	5.08	4.6362015	1.32E-01	58227342	58227465	NC_000017.10
cg23733608	5.35E-06	8.65E-07	5.08	4.6358024	2.09E-02	35261572	35261695	NC_000021.8
cg12811157	5.35E-06	8.65E-07	5.08	4.635671	1.23E-01	368902	369025	NC_000011.9
cg18635631	5.35E-06	8.66E-07	5.08	4.6352159	2.90E-02	718175	718298	NC_000012.11
cg02091526	5.35E-06	8.66E-07	5.08	4.6351328	1.35E-01	175190867	175190990	NC_000002.11
cg13256912	5.35E-06	8.66E-07	5.08	4.6347527	7.22E-02	11211081	11211204	NC_000003.11
cg14343210	5.36E-06	8.66E-07	5.08	4.6341628	7.60E-02	114328366	114328489	NC_000004.11

cg06301399	5.36E-06	8.67E-07	5.08	4.6339578	9.73E-02	29634495	29634618	NC_000006.11
cg11875044	5.36E-06	8.67E-07	5.08	4.6338573	1.15E-01	8546509	8546632	NC_000010.10
cg13306087	5.36E-06	8.67E-07	5.08	4.6337734	7.75E-02	71713491	71713614	NC_000005.9
cg18515046	5.36E-06	8.67E-07	5.08	4.6331742	7.49E-02	1223167	1223290	NC_000005.9
cg02521641	5.36E-06	8.68E-07	5.08	4.6329308	1.39E-01	6202609	6202732	NC_000004.11
cg15895690	5.37E-06	8.68E-07	5.08	4.6320822	9.69E-02	60982635	60982758	NC_000014.8
cg03060468	5.37E-06	8.69E-07	5.08	4.631883	6.91E-02	140683196	140683319	NC_000005.9
cg07095330	5.37E-06	8.69E-07	5.08	4.6312397	1.27E-01	36889069	36889192	NC_000017.10
cg00370229	5.38E-06	8.70E-07	5.08	4.6301824	1.97E-01	29521602	29521725	NC_000006.11
cg15488143	5.38E-06	8.70E-07	5.08	4.6300811	5.98E-02	128924101	128924224	NC_000007.13
cg01871695	5.38E-06	8.71E-07	5.08	4.6294212	9.57E-02	127841729	127841852	NC_000007.13
cg24665265	5.38E-06	8.71E-07	5.08	4.6294208	7.82E-02	70852115	70852238	NC_000015.9
cg11015960	5.38E-06	8.71E-07	5.08	4.6290805	3.43E-02	189841685	189841808	NC_000003.11
cg05987650	5.38E-06	8.71E-07	5.08	4.628817	1.29E-01	4382114	4382237	NC_000012.11
cg25717994	5.38E-06	8.71E-07	5.08	4.6285752	1.01E-01	78493631	78493754	NC_000013.10
cg24050112	5.39E-06	8.72E-07	5.08	4.628372	7.81E-02	19726386	19726509	NC_000019.9
cg25627226	5.39E-06	8.73E-07	5.08	4.6273455	1.86E-01	4455337	4455460	NC_000018.9
cg05642993	5.39E-06	8.73E-07	5.08	4.6267562	7.44E-02	118822824	118822947	NC_000004.11
cg21144063	5.40E-06	8.73E-07	5.08	4.6264647	1.13E-01	64035529	64035652	NC_000007.13
cg07605410	5.40E-06	8.74E-07	5.08	4.6263079	5.25E-02	16828163	16828286	NC_000001.10
cg27079680	5.40E-06	8.74E-07	5.08	4.6262623	1.09E-01	150326190	150326313	NC_000005.9
cg23657299	5.40E-06	8.74E-07	5.08	4.6254607	8.22E-02	166422626	166422749	NC_000006.11
cg24608144	5.40E-06	8.75E-07	5.08	4.6252428	5.47E-02	62398219	62398342	NC_000020.10
cg01479768	5.41E-06	8.75E-07	5.08	4.6242209	8.69E-02	731298	731421	NC_000002.11
cg05293738	5.41E-06	8.76E-07	5.08	4.6239209	1.53E-01	68864318	68864441	NC_000008.10

cg00455467	5.41E-06	8.76E-07	5.08	4.6233396	7.73E-02	131593162	131593285	NC_000002.11
cg09462089	5.41E-06	8.77E-07	5.08	4.6230297	4.52E-02	58329456	58329579	NC_000016.9
cg11528835	5.42E-06	8.77E-07	5.08	4.6225521	9.63E-02	39132860	39132983	NC_000009.11
cg04576764	5.42E-06	8.78E-07	5.08	4.6219055	6.30E-02	101292149	101292272	NC_000014.8
cg03972398	5.42E-06	8.78E-07	5.08	4.621189	1.12E-01	54333179	54333302	NC_000012.11
cg22910295	5.42E-06	8.78E-07	5.08	4.6209464	8.51E-02	10403862	10403985	NC_000019.9
cg23477406	5.43E-06	8.80E-07	5.08	4.6188758	2.09E-01	132312741	132312864	NC_000012.11
cg19597230	5.44E-06	8.81E-07	5.08	4.6181687	1.07E-01	223517425	223517548	NC_000002.11
cg14356396	5.44E-06	8.81E-07	5.08	4.6179176	1.09E-01	38081695	38081818	NC_000021.8
cg05547260	5.44E-06	8.82E-07	5.08	4.6172756	8.70E-02	43611905	43612028	NC_000006.11
cg18488855	5.45E-06	8.82E-07	5.08	4.6167474	1.41E-01	27066634	27066757	NC_000014.8
cg11378052	5.45E-06	8.82E-07	5.08	4.6166477	6.48E-02	74027058	74027181	NC_000014.8
cg00475820	5.45E-06	8.83E-07	5.08	4.6163957	1.15E-01	58180155	58180278	NC_000006.11
cg23853484	5.45E-06	8.83E-07	5.08	4.6163332	1.63E-01	7795988	7796111	NC_000019.9
cg06034792	5.45E-06	8.83E-07	5.08	4.6158767	8.28E-02	65068554	65068677	NC_000015.9
cg23720384	5.45E-06	8.84E-07	5.08	4.6150249	1.45E-01	23747055	23747178	NC_000021.8
cg03562044	5.46E-06	8.84E-07	5.08	4.6147871	1.46E-01	15342749	15342872	NC_000019.9
cg12806763	5.46E-06	8.84E-07	5.08	4.6147599	1.92E-01	46655836	46655959	NC_000017.10
cg24060890	5.46E-06	8.85E-07	5.08	4.6141818	8.28E-02	93229269	93229392	NC_000004.11
cg19146767	5.46E-06	8.85E-07	5.08	4.6139197	1.11E-01	142352423	142352546	NC_000006.11
cg20090561	5.46E-06	8.85E-07	5.08	4.6139188	6.85E-02	185704268	185704391	NC_000003.11
cg20962137	5.46E-06	8.85E-07	5.08	4.6134197	1.51E-01	130064583	130064706	NC_000003.11
cg09838568	5.47E-06	8.86E-07	5.08	4.6129351	9.88E-02	45769981	45770104	NC_000021.8
cg00582583	5.47E-06	8.86E-07	5.08	4.6124433	9.65E-02	88992178	88992301	NC_000016.9
cg05015185	5.47E-06	8.86E-07	5.08	4.6123065	1.35E-01	50574624	50574747	NC_000002.11



cg01469818	5.47E-06	8.86E-07	5.08	4.6122042	1.12E-01	14860926	14861049	NC_000006.11
cg19668034	5.47E-06	8.87E-07	5.08	4.6119578	7.06E-02	75878019	75878142	NC_000012.11
cg00785941	5.48E-06	8.88E-07	5.08	4.6109223	9.83E-02	248100591	248100714	NC_000001.10
cg06132283	5.48E-06	8.88E-07	5.08	4.6106461	1.24E-01	37116367	37116490	NC_000014.8
cg05994244	5.48E-06	8.88E-07	5.08	4.6106089	9.26E-02	96904960	96905083	NC_000015.9
cg10873781	5.48E-06	8.88E-07	5.08	4.610541	9.41E-02	47560729	47560852	NC_000021.8
cg23469230	5.48E-06	8.88E-07	5.08	4.6102074	5.04E-02	195939310	195939433	NC_000003.11
cg04524933	5.48E-06	8.88E-07	5.08	4.6099731	4.83E-02	49621299	49621422	NC_000020.10
cg20619067	5.49E-06	8.89E-07	5.08	4.6089944	4.24E-02	169284843	169284966	NC_000006.11
cg20195046	5.49E-06	8.90E-07	5.08	4.6086969	3.07E-02	69466815	69466938	NC_000011.9
cg15358431	5.49E-06	8.90E-07	5.08	4.6085758	7.54E-02	6522605	6522728	NC_000001.10
cg18004856	5.49E-06	8.91E-07	5.08	4.607656	8.47E-02	46029278	46029401	NC_000003.11
cg18466859	5.50E-06	8.91E-07	5.08	4.6072717	1.30E-01	91282281	91282404	NC_000014.8
cg01486910	5.50E-06	8.91E-07	5.08	4.6072033	9.00E-02	85242230	85242353	NC_000016.9
cg08954352	5.50E-06	8.91E-07	5.08	4.6071555	7.96E-02	44360899	44361022	NC_000010.10
cg17369527	5.50E-06	8.91E-07	5.08	4.6071116	1.60E-01	28366702	28366825	NC_000013.10
cg01269670	5.50E-06	8.91E-07	5.08	4.606859	1.11E-01	149411377	149411500	NC_000007.13
cg27639142	5.50E-06	8.91E-07	5.08	4.6067859	8.17E-02	126072941	126073064	NC_000003.11
cg15684962	5.50E-06	8.91E-07	5.08	4.6066478	1.19E-01	99273315	99273438	NC_000006.11
cg12437115	5.50E-06	8.92E-07	5.08	4.6059612	6.30E-02	39024690	39024813	NC_000017.10
cg13457427	5.50E-06	8.92E-07	5.08	4.605862	7.29E-02	134955698	134955821	NC_000010.10
cg15336091	5.50E-06	8.92E-07	5.08	4.6058025	6.61E-02	26028624	26028747	NC_000006.11
cg01939336	5.50E-06	8.93E-07	5.08	4.6053853	1.39E-01	113697487	113697610	NC_000005.9
cg10648670	5.51E-06	8.93E-07	5.08	4.6050945	1.30E-01	25439375	25439498	NC_000002.11
cg00461991	5.51E-06	8.93E-07	5.08	4.6050559	3.19E-02	239963209	239963332	NC_000002.11

cg04078118	5.51E-06	8.93E-07	5.08	4.6045102	9.88E-02	40439969	40440092	NC_000022.10
cg03099790	5.51E-06	8.94E-07	5.08	4.604211	3.47E-02	56456455	56456578	NC_000016.9
cg17229173	5.52E-06	8.95E-07	5.08	4.6033759	6.73E-02	67483875	67483998	NC_000005.9
cg14286292	5.52E-06	8.95E-07	5.08	4.6031151	7.55E-02	130546644	130546767	NC_000009.11
cg05676251	5.52E-06	8.95E-07	5.08	4.6027015	5.97E-02	89225592	89225715	NC_000016.9
cg21611810	5.52E-06	8.96E-07	5.08	4.6016961	1.33E-01	114841870	114841993	NC_000012.11
cg13941474	5.53E-06	8.97E-07	5.08	4.6010654	9.54E-02	112788517	112788640	NC_000013.10
cg17007339	5.53E-06	8.97E-07	5.08	4.6009456	9.78E-02	85430629	85430752	NC_000011.9
cg05942970	5.53E-06	8.97E-07	5.08	4.6008739	5.15E-02	133955527	133955650	NC_000010.10
cg05915593	5.53E-06	8.98E-07	5.08	4.5997991	1.26E-01	64361272	64361395	NC_000014.8
cg11785623	5.53E-06	8.98E-07	5.08	4.5997684	3.00E-02	117038630	117038753	NC_000012.11
cg10583311	5.54E-06	8.98E-07	5.08	4.5993152	7.54E-02	133082545	133082668	NC_000012.11
cg09646197	5.54E-06	8.99E-07	5.08	4.598709	5.55E-02	149462836	149462959	NC_000007.13
cg11844198	5.54E-06	8.99E-07	5.08	4.5985287	1.22E-02	154387428	154387551	NC_000004.11
cg25086828	5.54E-06	8.99E-07	5.08	4.5982133	1.02E-01	62744796	62744919	NC_000020.10
cg10095968	5.54E-06	9.00E-07	5.07	4.5978082	1.08E-01	45847903	45848026	NC_000021.8
cg06813515	5.54E-06	9.00E-07	5.07	4.5977545	1.24E-01	165722651	165722774	NC_000006.11
cg08161931	5.55E-06	9.00E-07	5.07	4.5975574	9.40E-02	145028402	145028525	NC_000008.10
cg22022580	5.55E-06	9.00E-07	5.07	4.5973813	1.20E-01	37266605	37266728	NC_000019.9
cg01469887	5.55E-06	9.00E-07	5.07	4.5969403	1.53E-01	175205716	175205839	NC_000002.11
cg12991050	5.55E-06	9.01E-07	5.07	4.5962617	1.25E-01	87979504	87979627	NC_000005.9
cg08642731	5.55E-06	9.01E-07	5.07	4.5958535	1.20E-01	50507092	50507215	NC_000010.10
cg03358636	5.56E-06	9.02E-07	5.07	4.5956906	7.73E-02	197474006	197474129	NC_000003.11
cg27658967	5.56E-06	9.02E-07	5.07	4.5955534	1.40E-01	37095757	37095880	NC_000019.9
cg15988350	5.56E-06	9.02E-07	5.07	4.5954907	1.61E-01	32110650	32110773	NC_000007.13

cg23247185	5.56E-06	9.02E-07	5.07	4.5950572	5.97E-02	14530356	14530479	NC_000003.11
cg04128045	5.56E-06	9.02E-07	5.07	4.5948444	1.10E-01	18435700	18435823	NC_000001.10
cg16219125	5.56E-06	9.03E-07	5.07	4.5947537	1.10E-01	174043293	174043416	NC_000003.11
cg06586496	5.56E-06	9.03E-07	5.07	4.5946007	1.84E-02	21715307	21715430	NC_000018.9
cg05750884	5.56E-06	9.03E-07	5.07	4.5941851	9.08E-02	11162183	11162306	NC_000001.10
cg00497232	5.57E-06	9.03E-07	5.07	4.5938653	1.11E-01	6665905	6666028	NC_000004.11
cg12359809	5.57E-06	9.04E-07	5.07	4.5931652	9.58E-02	228246632	228246755	NC_000001.10
cg20649716	5.57E-06	9.04E-07	5.07	4.5930968	5.51E-02	140573721	140573844	NC_000005.9
cg01879048	5.57E-06	9.04E-07	5.07	4.5928323	7.87E-02	61675079	61675202	NC_000020.10
cg14657915	5.57E-06	9.05E-07	5.07	4.5926	6.84E-02	11672469	11672592	NC_000017.10
cg03772909	5.57E-06	9.05E-07	5.07	4.5925742	6.14E-02	138725311	138725434	NC_000003.11
cg05169099	5.57E-06	9.05E-07	5.07	4.5924498	7.68E-02	481640	481763	NC_000005.9
cg17463287	5.58E-06	9.05E-07	5.07	4.5919976	8.25E-02	71475335	71475458	NC_000016.9
cg14776091	5.58E-06	9.05E-07	5.07	4.5918771	2.84E-02	121581281	121581404	NC_000010.10
cg00005847	5.58E-06	9.06E-07	5.07	4.5914428	1.30E-01	177029073	177029196	NC_000002.11
cg19292062	5.58E-06	9.06E-07	5.07	4.5913393	4.24E-02	524344	524467	NC_000020.10
cg04648334	5.58E-06	9.07E-07	5.07	4.5902198	6.40E-02	27236866	27236989	NC_000006.11
cg12302527	5.59E-06	9.07E-07	5.07	4.589673	3.65E-02	3461381	3461504	NC_000001.10
cg17793776	5.59E-06	9.08E-07	5.07	4.5892242	6.78E-02	77140381	77140504	NC_000005.9
cg00584174	5.59E-06	9.08E-07	5.07	4.5886304	1.18E-01	63257403	63257526	NC_000011.9
cg21737226	5.60E-06	9.09E-07	5.07	4.5879485	1.15E-01	53326668	53326791	NC_000008.10
cg07750784	5.61E-06	9.12E-07	5.07	4.584716	1.64E-02	239988676	239988799	NC_000002.11
cg10206873	5.61E-06	9.12E-07	5.07	4.5846659	4.50E-02	1784087	1784210	NC_000007.13
cg01890858	5.62E-06	9.14E-07	5.07	4.5827567	9.17E-02	3854704	3854827	NC_000005.9
cg03007511	5.63E-06	9.14E-07	5.07	4.5825937	7.17E-02	27205383	27205506	NC_000006.11

cg00087244	5.63E-06	9.14E-07	5.07	4.5824668	1.06E-01	74042487	74042610	NC_000007.13
cg17303540	5.63E-06	9.15E-07	5.07	4.5819764	1.03E-01	140808068	140808191	NC_000005.9
cg25242498	5.63E-06	9.15E-07	5.07	4.5816487	4.05E-02	6008046	6008169	NC_000019.9
cg14191369	5.63E-06	9.15E-07	5.07	4.5815167	4.77E-02	130996177	130996300	NC_000009.11
cg07136023	5.63E-06	9.15E-07	5.07	4.5814753	1.23E-01	86537316	86537439	NC_000016.9
cg16097357	5.63E-06	9.15E-07	5.07	4.5813854	1.41E-01	73584360	73584483	NC_000017.10
cg26820037	5.63E-06	9.15E-07	5.07	4.5810075	1.09E-01	103534501	103534624	NC_000010.10
cg12510221	5.63E-06	9.16E-07	5.07	4.580884	9.27E-02	45678137	45678260	NC_000021.8
cg26800771	5.63E-06	9.16E-07	5.07	4.580836	8.06E-02	241855454	241855577	NC_000002.11
cg06448573	5.64E-06	9.16E-07	5.07	4.5803635	4.58E-02	144107231	144107354	NC_000008.10
cg01553935	5.64E-06	9.16E-07	5.07	4.5801261	6.83E-02	46641061	46641184	NC_000001.10
cg00703061	5.64E-06	9.17E-07	5.07	4.5797247	6.07E-02	75889492	75889615	NC_000018.9
cg20667575	5.64E-06	9.17E-07	5.07	4.5792309	8.96E-02	113258210	113258333	NC_000011.9
cg03663462	5.64E-06	9.17E-07	5.07	4.5792198	1.49E-01	76734764	76734887	NC_000018.9
cg16268769	5.64E-06	9.17E-07	5.07	4.5791591	8.07E-02	156890782	156890905	NC_000001.10
cg08932277	5.64E-06	9.17E-07	5.07	4.5790046	7.27E-02	74627589	74627712	NC_000015.9
cg15480367	5.65E-06	9.18E-07	5.07	4.5785444	8.28E-02	93389485	93389608	NC_000014.8
cg17867333	5.65E-06	9.18E-07	5.07	4.5783093	6.68E-02	178423163	178423286	NC_000005.9
cg07589254	5.65E-06	9.19E-07	5.07	4.5772201	1.69E-01	1705402	1705525	NC_000007.13
cg22665096	5.66E-06	9.19E-07	5.07	4.5768775	1.12E-01	42102842	42102965	NC_000012.11
cg02224980	5.66E-06	9.21E-07	5.07	4.5752506	1.12E-01	223169501	223169624	NC_000002.11
cg23312151	5.66E-06	9.21E-07	5.07	4.5751625	2.43E-02	1466132	1466255	NC_000005.9
cg12881854	5.67E-06	9.21E-07	5.07	4.5747679	1.05E-01	54961668	54961791	NC_000004.11
cg26005761	5.67E-06	9.22E-07	5.07	4.5745326	1.06E-01	110223252	110223375	NC_000004.11
cg21585733	5.67E-06	9.22E-07	5.07	4.5744066	1.07E-01	107799660	107799783	NC_000011.9

cg26944301	5.67E-06	9.22E-07	5.07	4.5736789	1.31E-01	170738524	170738647	NC_000005.9
cg22373181	5.68E-06	9.23E-07	5.07	4.5731461	1.52E-01	39893080	39893203	NC_000002.11
cg21838933	5.68E-06	9.23E-07	5.07	4.5725936	5.25E-02	148481907	148482030	NC_000007.13
cg14502659	5.68E-06	9.24E-07	5.07	4.5723512	1.05E-01	239948617	239948740	NC_000002.11
cg27014135	5.68E-06	9.24E-07	5.07	4.5722003	2.29E-01	25703528	25703651	NC_000016.9
cg16607685	5.68E-06	9.24E-07	5.07	4.5721807	9.79E-02	140181889	140182012	NC_000005.9
cg20129313	5.68E-06	9.24E-07	5.07	4.5717873	1.12E-01	45055836	45055959	NC_000017.10
cg20294080	5.68E-06	9.24E-07	5.07	4.571653	1.10E-01	17932629	17932752	NC_000001.10
cg18177920	5.68E-06	9.25E-07	5.07	4.57136	7.55E-02	5956787	5956910	NC_000011.9
cg25097398	5.69E-06	9.25E-07	5.07	4.5712443	4.83E-02	127650901	127651024	NC_000012.11
cg01435039	5.69E-06	9.25E-07	5.07	4.5708599	4.36E-02	29700804	29700927	NC_000010.10
cg21469854	5.69E-06	9.25E-07	5.07	4.5708085	9.01E-02	55201971	55202094	NC_000020.10
cg16025094	5.69E-06	9.26E-07	5.07	4.5698746	1.36E-01	175298655	175298778	NC_000005.9
cg14753334	5.69E-06	9.26E-07	5.07	4.5696247	1.01E-01	73674702	73674825	NC_000003.11
cg06138195	5.70E-06	9.27E-07	5.07	4.5693352	4.63E-02	45143871	45143994	NC_000017.10
cg09931134	5.70E-06	9.27E-07	5.07	4.5688084	4.19E-02	46982592	46982715	NC_000017.10
cg11882488	5.70E-06	9.27E-07	5.07	4.5687191	8.63E-02	112983145	112983268	NC_000003.11
cg07151565	5.70E-06	9.27E-07	5.07	4.5685497	4.77E-02	53869995	53870118	NC_000012.11
cg16803613	5.70E-06	9.28E-07	5.07	4.5682288	8.46E-02	7583651	7583774	NC_000012.11
cg23223091	5.70E-06	9.28E-07	5.07	4.567943	2.19E-02	32046306	32046429	NC_000006.11
cg21385821	5.70E-06	9.28E-07	5.07	4.5677803	1.33E-01	50237844	50237967	NC_000017.10
cg27203924	5.70E-06	9.28E-07	5.07	4.5676858	5.66E-02	64627542	64627665	NC_000003.11
cg16330066	5.71E-06	9.29E-07	5.07	4.5670174	1.99E-02	8399372	8399495	NC_000004.11
cg18781988	5.71E-06	9.29E-07	5.07	4.5665973	1.28E-01	140723549	140723672	NC_000005.9
cg03175206	5.71E-06	9.30E-07	5.07	4.5662404	2.56E-02	194978283	194978406	NC_000003.11

cg13350173	5.71E-06	9.30E-07	5.07	4.565895	8.23E-02	38281183	38281306	NC_000019.9
cg16611581	5.72E-06	9.30E-07	5.07	4.5654291	1.64E-01	4379062	4379185	NC_000012.11
cg00872900	5.72E-06	9.32E-07	5.07	4.5641389	4.59E-02	32662543	32662666	NC_000016.9
cg17412248	5.72E-06	9.32E-07	5.07	4.5640485	9.51E-02	44803411	44803534	NC_000020.10
cg12062819	5.73E-06	9.32E-07	5.07	4.5634993	1.96E-01	156358231	156358354	NC_000001.10
cg07784442	5.73E-06	9.33E-07	5.07	4.5629606	2.62E-02	153690819	153690942	NC_000004.11
cg01176947	5.73E-06	9.33E-07	5.07	4.5623746	1.04E-01	10385279	10385402	NC_000006.11
cg23095743	5.74E-06	9.34E-07	5.07	4.5616716	1.19E-01	104000831	104000954	NC_000010.10
cg26216629	5.74E-06	9.34E-07	5.07	4.561475	7.94E-02	153863712	153863835	NC_000005.9
cg05392263	5.74E-06	9.34E-07	5.07	4.5614017	1.17E-01	168418527	168418650	NC_000006.11
cg16887420	5.74E-06	9.35E-07	5.07	4.5606186	5.65E-02	131548063	131548186	NC_000006.11
cg15555709	5.75E-06	9.36E-07	5.07	4.5599196	6.25E-02	44786241	44786364	NC_000021.8
cg09310185	5.75E-06	9.36E-07	5.07	4.5596031	8.93E-02	61866960	61867083	NC_000020.10
cg12915878	5.75E-06	9.37E-07	5.07	4.5585912	2.95E-02	109557137	109557260	NC_000002.11
cg14501638	5.76E-06	9.37E-07	5.07	4.5582351	8.90E-02	143609540	143609663	NC_000008.10
cg00539347	2.60E-50	1.29E-55	-2.23E+01	116.0836635	-3.52E-01	30592296	30592419	NC_000022.10
cg03130910	5.45E-49	5.42E-54	-2.17E+01	112.3715553	-3.67E-01	234908226	234908349	NC_000001.10
cg21777553	2.24E-46	5.00E-51	-2.07E+01	105.5886088	-2.77E-01	208028218	208028341	NC_000002.11
cg15311822	8.48E-46	2.11E-50	-2.04E+01	104.1585153	-2.50E-01	9144618	9144741	NC_000002.11
cg20663852	1.27E-45	3.47E-50	-2.04E+01	103.6622288	-3.76E-01	50312386	50312509	NC_000020.10
cg20826151	5.73E-45	1.71E-49	-2.01E+01	102.0791272	-1.83E-01	100743732	100743855	NC_000007.13
cg02930667	1.08E-44	3.76E-49	-2.00E+01	101.2958599	-3.92E-01	219671206	219671329	NC_000002.11
cg21956614	1.81E-44	6.76E-49	-1.99E+01	100.7111012	-2.98E-01	129439073	129439196	NC_000004.11
cg24039394	2.89E-44	1.15E-48	-1.98E+01	100.1856172	-1.56E-01	55294823	55294946	NC_000008.10
cg08357990	2.89E-44	1.22E-48	-1.98E+01	100.1229544	-2.61E-01	33359550	33359673	NC_000002.11

cg13699887	3.89E-44	1.74E-48	-1.98E+01	99.7726896	-3.34E-01	16320488	16320611	NC_000006.11
cg14701867	5.22E-44	2.46E-48	-1.97E+01	99.4258589	-2.77E-01	64193068	64193191	NC_000010.10
cg01649611	1.23E-43	6.13E-48	-1.96E+01	98.5200711	-4.10E-01	43521066	43521189	NC_000002.11
cg17130457	1.66E-43	8.66E-48	-1.95E+01	98.1764042	-4.08E-01	76414729	76414852	NC_000012.11
cg06197966	3.24E-43	1.77E-47	-1.94E+01	97.465387	-4.08E-01	29948324	29948447	NC_000010.10
cg01973676	4.69E-43	2.68E-47	-1.94E+01	97.0535999	-4.23E-01	101596404	101596527	NC_000007.13
cg04786142	7.59E-43	4.53E-47	-1.93E+01	96.532288	-4.28E-01	234908381	234908504	NC_000001.10
cg02570061	1.32E-42	8.21E-47	-1.92E+01	95.9401744	-2.16E-01	179051583	179051706	NC_000005.9
cg02727227	2.26E-42	1.48E-46	-1.91E+01	95.3521315	-1.31E-01	9144505	9144628	NC_000002.11
cg26140475	2.26E-42	1.52E-46	-1.91E+01	95.3303152	-2.43E-01	126525558	126525681	NC_000008.10
cg07537821	2.88E-42	2.00E-46	-1.91E+01	95.0544234	-3.05E-01	122727440	122727563	NC_000011.9
cg11517094	4.15E-42	2.99E-46	-1.90E+01	94.656203	-2.06E-01	179051568	179051691	NC_000005.9
cg08824350	5.19E-42	3.87E-46	-1.90E+01	94.3999999	-2.68E-01	133780924	133781047	NC_000008.10
cg13157980	5.92E-42	4.56E-46	-1.89E+01	94.2353839	-3.43E-01	141599141	141599264	NC_000008.10
cg20645040	1.08E-41	8.68E-46	-1.88E+01	93.5953298	-3.23E-01	45946271	45946394	NC_000020.10
cg23811057	1.08E-41	8.89E-46	-1.88E+01	93.5712994	-3.32E-01	234908514	234908637	NC_000001.10
cg05471495	1.18E-41	9.94E-46	-1.88E+01	93.4604961	-3.63E-01	101369330	101369453	NC_000002.11
cg16210355	1.19E-41	1.04E-45	-1.88E+01	93.4186673	-3.69E-01	107028903	107029026	NC_000013.10
cg24033661	1.35E-41	1.21E-45	-1.88E+01	93.2645686	-4.17E-01	2920055	2920178	NC_000011.9
cg06858555	1.68E-41	1.54E-45	-1.87E+01	93.0244216	-3.90E-01	105144735	105144858	NC_000014.8
cg15840891	1.99E-41	2.02E-45	-1.87E+01	92.7542335	-2.81E-01	102133972	102134095	NC_000002.11
cg24438354	2.50E-41	2.67E-45	-1.87E+01	92.4767848	-3.92E-01	12111838	12111961	NC_000012.11
cg09417692	2.93E-41	3.23E-45	-1.86E+01	92.289992	-4.10E-01	30700056	30700179	NC_000003.11
cg23683800	2.93E-41	3.27E-45	-1.86E+01	92.2753644	-3.27E-01	115086103	115086226	NC_000010.10
cg11059357	3.30E-41	3.85E-45	-1.86E+01	92.1141142	-1.39E-01	41649676	41649799	NC_000008.10

cg05926314	3.63E-41	4.41E-45	-1.86E+01	91.9783172	-4.24E-01	157347105	157347228	NC_000007.13
cg14972576	6.11E-41	7.74E-45	-1.85E+01	91.419494	-3.85E-01	97645526	97645649	NC_000005.9
cg06485603	1.21E-40	1.61E-44	-1.84E+01	90.6923707	-2.76E-01	2847258	2847381	NC_000011.9
cg06825878	1.24E-40	1.70E-44	-1.84E+01	90.639909	-3.51E-01	75472540	75472663	NC_000007.13
cg27181375	1.26E-40	1.75E-44	-1.84E+01	90.6072059	-3.10E-01	74249189	74249312	NC_000015.9
cg16371229	1.61E-40	2.28E-44	-1.83E+01	90.3467654	-3.68E-01	233248845	233248968	NC_000001.10
cg08305942	1.94E-40	2.80E-44	-1.83E+01	90.1429788	-3.81E-01	79692354	79692477	NC_000016.9
cg13324103	2.25E-40	3.29E-44	-1.83E+01	89.9803838	-3.98E-01	29948428	29948551	NC_000010.10
cg07960067	8.59E-40	1.32E-43	-1.81E+01	88.5973777	-1.69E-01	9144629	9144752	NC_000002.11
cg19918734	8.79E-40	1.38E-43	-1.81E+01	88.5576941	-3.42E-01	86343931	86344054	NC_000011.9
cg04456219	1.45E-39	2.31E-43	-1.80E+01	88.0443116	-3.97E-01	17274337	17274460	NC_000007.13
cg21380183	2.04E-39	3.34E-43	-1.80E+01	87.6754303	-3.31E-01	50312632	50312755	NC_000020.10
cg15247093	2.22E-39	3.73E-43	-1.79E+01	87.5656633	-3.09E-01	47768476	47768599	NC_000010.10
cg05876246	2.22E-39	3.74E-43	-1.79E+01	87.5629875	-3.57E-01	81831079	81831202	NC_000008.10
cg01802545	4.42E-39	7.58E-43	-1.78E+01	86.8609993	-2.22E-01	93196432	93196555	NC_000014.8
cg19858214	7.72E-39	1.36E-42	-1.77E+01	86.2780387	-4.28E-01	134298937	134299060	NC_000007.13
cg17004104	9.70E-39	1.76E-42	-1.77E+01	86.0234893	-1.66E-01	114165730	114165853	NC_000011.9
cg19237113	1.29E-38	2.37E-42	-1.77E+01	85.7261125	-2.58E-01	6803800	6803923	NC_000001.10
cg21778987	1.62E-38	3.05E-42	-1.76E+01	85.4756864	-3.81E-01	136915367	136915490	NC_000006.11
cg07962303	1.75E-38	3.35E-42	-1.76E+01	85.3837824	-2.74E-01	11253944	11254067	NC_000019.9
cg07643930	1.81E-38	3.55E-42	-1.76E+01	85.3259259	-1.67E-01	2060265	2060388	NC_000016.9
cg14292522	1.91E-38	3.79E-42	-1.76E+01	85.2606035	-2.96E-01	100535489	100535612	NC_000012.11
cg13327911	2.44E-38	4.90E-42	-1.76E+01	85.0044702	-3.49E-01	55965977	55966100	NC_000006.11
cg15832662	2.53E-38	5.15E-42	-1.76E+01	84.9547951	-2.52E-01	63448437	63448560	NC_000011.9
cg23341182	2.64E-38	5.52E-42	-1.75E+01	84.8872061	-1.81E-01	102046768	102046891	NC_000010.10



cg13859639	2.86E-38	6.03E-42	-1.75E+01	84.7979046	-2.70E-01	2846716	2846839	NC_000011.9
cg03851835	4.38E-38	9.48E-42	-1.75E+01	84.3488828	-3.91E-01	107711742	107711865	NC_000011.9
cg07339236	4.43E-38	9.68E-42	-1.75E+01	84.3282083	-3.53E-01	50312490	50312613	NC_000020.10
cg02861178	4.43E-38	9.79E-42	-1.75E+01	84.3170719	-2.78E-01	10492319	10492442	NC_000020.10
cg27471192	4.88E-38	1.09E-41	-1.74E+01	84.20859	-3.00E-01	59015338	59015461	NC_000011.9
cg16649560	5.40E-38	1.22E-41	-1.74E+01	84.096027	-3.03E-01	27338391	27338514	NC_000016.9
cg04923845	5.81E-38	1.34E-41	-1.74E+01	84.0024091	-2.46E-01	114575681	114575804	NC_000010.10
cg26361533	6.66E-38	1.56E-41	-1.74E+01	83.8559593	-3.52E-01	2445561	2445684	NC_000012.11
cg15978561	6.82E-38	1.63E-41	-1.74E+01	83.8126414	-4.03E-01	240196996	240197119	NC_000002.11
cg08698943	6.82E-38	1.63E-41	-1.74E+01	83.8121314	-3.34E-01	3509758	3509881	NC_000010.10
cg01876978	8.52E-38	2.05E-41	-1.73E+01	83.5795846	-1.76E-01	11970145	11970268	NC_000002.11
cg10087036	9.74E-38	2.37E-41	-1.73E+01	83.4370052	-4.38E-01	19130461	19130584	NC_000016.9
cg13972124	9.87E-38	2.45E-41	-1.73E+01	83.4034793	-3.58E-01	132539744	132539867	NC_000009.11
cg07734161	1.05E-37	2.64E-41	-1.73E+01	83.3298273	-3.17E-01	1593557	1593680	NC_000016.9
cg21324456	1.14E-37	2.92E-41	-1.73E+01	83.2310232	-3.57E-01	50248076	50248199	NC_000020.10
cg11580676	1.16E-37	3.01E-41	-1.73E+01	83.2010434	-2.49E-01	156211415	156211538	NC_000001.10
cg14901243	1.19E-37	3.11E-41	-1.73E+01	83.1669571	-3.78E-01	13951845	13951968	NC_000019.9
cg11564601	1.27E-37	3.37E-41	-1.73E+01	83.0883194	-3.64E-01	30592435	30592558	NC_000022.10
cg05673882	1.58E-37	4.27E-41	-1.72E+01	82.851332	-3.58E-01	74862702	74862825	NC_000005.9
cg01826354	1.68E-37	4.58E-41	-1.72E+01	82.7821389	-3.59E-01	81006497	81006620	NC_000017.10
cg16973527	2.21E-37	6.21E-41	-1.72E+01	82.4799499	-3.26E-01	70767570	70767693	NC_000015.9
cg01616225	4.28E-37	1.22E-40	-1.71E+01	81.8046161	-3.25E-01	57662347	57662470	NC_000016.9
cg05036846	4.53E-37	1.31E-40	-1.71E+01	81.7405426	-2.27E-01	24648984	24649107	NC_000001.10
cg03434029	5.73E-37	1.66E-40	-1.70E+01	81.4984182	-1.91E-01	45274048	45274171	NC_000001.10
cg24661168	6.05E-37	1.79E-40	-1.70E+01	81.4278121	-3.53E-01	210013268	210013391	NC_000001.10

cg06936290	6.31E-37	1.88E-40	-1.70E+01	81.3772037	-4.27E-01	13889871	13889994	NC_000007.13
cg03906115	6.80E-37	2.08E-40	-1.70E+01	81.2780449	-2.77E-01	33359529	33359652	NC_000002.11
cg10378325	6.89E-37	2.12E-40	-1.70E+01	81.2566389	-2.01E-01	86895705	86895828	NC_000001.10
cg13531667	7.98E-37	2.48E-40	-1.70E+01	81.1030193	-3.23E-01	112825132	112825255	NC_000005.9
cg06474225	8.14E-37	2.57E-40	-1.70E+01	81.0670124	-3.61E-01	124228770	124228893	NC_000010.10
cg09126279	1.05E-36	3.35E-40	-1.69E+01	80.8017007	-4.05E-01	40675171	40675294	NC_000004.11
cg03518729	1.19E-36	3.81E-40	-1.69E+01	80.6760621	-4.18E-01	235147744	235147867	NC_000001.10
cg26389380	1.50E-36	4.96E-40	-1.69E+01	80.4122449	-3.79E-01	11330567	11330690	NC_000003.11
cg18101152	1.55E-36	5.16E-40	-1.69E+01	80.3724221	-2.09E-01	31096463	31096586	NC_000008.10
cg25461300	1.69E-36	5.68E-40	-1.69E+01	80.2785883	-1.68E-01	3015372	3015495	NC_000018.9
cg17471425	1.84E-36	6.31E-40	-1.68E+01	80.1732704	-3.65E-01	10614014	10614137	NC_000011.9
cg15058210	1.91E-36	6.61E-40	-1.68E+01	80.1268248	-3.50E-01	240196877	240197000	NC_000002.11
cg23190089	1.91E-36	6.64E-40	-1.68E+01	80.1225462	-3.73E-01	2920209	2920332	NC_000011.9
cg19770281	1.94E-36	6.81E-40	-1.68E+01	80.0976093	-3.13E-01	132261993	132262116	NC_000003.11
cg05614013	1.99E-36	7.02E-40	-1.68E+01	80.0677012	-2.35E-01	11253754	11253877	NC_000019.9
cg05228359	2.78E-36	1.01E-39	-1.68E+01	79.7080454	-2.71E-01	47995865	47995988	NC_000011.9
cg18419977	2.78E-36	1.01E-39	-1.68E+01	79.7070436	-4.34E-01	2920052	2920175	NC_000011.9
cg03796321	2.83E-36	1.04E-39	-1.68E+01	79.6805226	-2.79E-01	86162442	86162565	NC_000015.9
cg21211271	3.04E-36	1.12E-39	-1.68E+01	79.6001447	-2.22E-01	6265071	6265194	NC_000001.10
cg27107970	3.04E-36	1.13E-39	-1.68E+01	79.5975978	-2.21E-01	79520734	79520857	NC_000017.10
cg21196487	3.40E-36	1.27E-39	-1.67E+01	79.4797553	-2.27E-01	153538964	153539087	NC_000001.10
cg10069121	3.75E-36	1.41E-39	-1.67E+01	79.3701	-2.25E-01	152009711	152009834	NC_000001.10
cg03850117	4.11E-36	1.56E-39	-1.67E+01	79.2722689	-2.47E-01	87894334	87894457	NC_000016.9
cg17327067	4.43E-36	1.70E-39	-1.67E+01	79.1847492	-2.21E-01	145025760	145025883	NC_000008.10
cg03761750	4.99E-36	1.93E-39	-1.67E+01	79.0597049	-2.23E-01	6184355	6184478	NC_000012.11

cg04111435	5.38E-36	2.11E-39	-1.67E+01	78.9716834	-2.11E-01	63448455	63448578	NC_000011.9
cg08033031	6.09E-36	2.41E-39	-1.67E+01	78.8413373	-2.04E-01	16528764	16528887	NC_000019.9
cg09701880	6.65E-36	2.65E-39	-1.66E+01	78.7475391	-3.14E-01	112252254	112252377	NC_000002.11
cg05309989	7.25E-36	2.92E-39	-1.66E+01	78.6498277	-3.07E-01	50527872	50527995	NC_000014.8
cg08737189	7.40E-36	3.00E-39	-1.66E+01	78.6233139	-2.27E-01	131223417	131223540	NC_000007.13
cg12691534	8.58E-36	3.56E-39	-1.66E+01	78.4524759	-2.18E-01	50275394	50275517	NC_000003.11
cg15298486	8.67E-36	3.62E-39	-1.66E+01	78.4356167	-1.61E-01	102046690	102046813	NC_000010.10
cg15339605	9.46E-36	3.97E-39	-1.66E+01	78.3436463	-2.70E-01	115670795	115670918	NC_000007.13
cg04470054	9.68E-36	4.09E-39	-1.66E+01	78.3143061	-3.94E-01	78830472	78830595	NC_000017.10
cg14106046	1.01E-35	4.30E-39	-1.66E+01	78.2634659	-3.85E-01	81006485	81006608	NC_000017.10
cg11228682	1.01E-35	4.33E-39	-1.66E+01	78.2584274	-4.05E-01	16320530	16320653	NC_000006.11
cg11558212	1.07E-35	4.61E-39	-1.66E+01	78.1961142	-2.15E-01	22810001	22810124	NC_000013.10
cg21193484	1.11E-35	4.81E-39	-1.66E+01	78.1535694	-2.68E-01	61938892	61939015	NC_000014.8
cg21055554	1.16E-35	5.04E-39	-1.65E+01	78.1069211	-2.42E-01	113652889	113653012	NC_000012.11
cg04504205	1.30E-35	5.67E-39	-1.65E+01	77.9888974	-2.77E-01	45946429	45946552	NC_000020.10
cg00813746	1.48E-35	6.52E-39	-1.65E+01	77.8503323	-2.79E-01	50275558	50275681	NC_000003.11
cg22274117	1.48E-35	6.55E-39	-1.65E+01	77.8458806	-4.26E-01	16713613	16713736	NC_000006.11
cg15584788	1.66E-35	7.37E-39	-1.65E+01	77.7285808	-1.85E-01	6265300	6265423	NC_000001.10
cg26610808	1.71E-35	7.64E-39	-1.65E+01	77.6921167	-1.34E-01	102046685	102046808	NC_000010.10
cg08452327	1.79E-35	8.06E-39	-1.65E+01	77.6389162	-1.41E-01	128379171	128379294	NC_000011.9
cg12435551	1.82E-35	8.22E-39	-1.65E+01	77.6194218	-3.77E-01	118679290	118679413	NC_000001.10
cg11311352	1.87E-35	8.49E-39	-1.65E+01	77.587425	-3.09E-01	56058710	56058833	NC_000019.9
cg15244327	1.91E-35	8.75E-39	-1.65E+01	77.5572306	-2.97E-01	23021690	23021813	NC_000008.10
cg03311274	2.11E-35	9.75E-39	-1.65E+01	77.4498924	-2.27E-01	58624344	58624467	NC_000015.9
cg07474842	2.26E-35	1.05E-38	-1.64E+01	77.3762758	-4.06E-01	136915088	136915211	NC_000006.11

cg06788267	2.48E-35	1.17E-38	-1.64E+01	77.2677762	-3.53E-01	95258162	95258285	NC_000001.10
cg26994377	2.66E-35	1.27E-38	-1.64E+01	77.1868706	-3.94E-01	140579069	140579192	NC_000004.11
cg14753356	2.72E-35	1.30E-38	-1.64E+01	77.1619923	-3.40E-01	30720108	30720231	NC_000006.11
cg14722693	2.97E-35	1.44E-38	-1.64E+01	77.0636615	-3.23E-01	19436451	19436574	NC_000008.10
cg01612140	3.45E-35	1.69E-38	-1.64E+01	76.9036366	-3.57E-01	78166436	78166559	NC_000006.11
cg20867963	3.71E-35	1.84E-38	-1.64E+01	76.8169988	-3.29E-01	3743529	3743652	NC_000006.11
cg01120308	4.06E-35	2.04E-38	-1.63E+01	76.715993	-2.48E-01	85780971	85781094	NC_000011.9
cg05929574	4.18E-35	2.11E-38	-1.63E+01	76.6838251	-1.01E-01	62611299	62611422	NC_000020.10
cg04794141	4.19E-35	2.12E-38	-1.63E+01	76.6766417	-3.10E-01	92325159	92325282	NC_000014.8
cg19924948	5.02E-35	2.56E-38	-1.63E+01	76.4914968	-2.50E-01	11970722	11970845	NC_000002.11
cg16353624	5.14E-35	2.63E-38	-1.63E+01	76.4633832	-2.27E-01	74160974	74161097	NC_000006.11
cg03821121	5.43E-35	2.81E-38	-1.63E+01	76.3979993	-3.58E-01	12148288	12148411	NC_000011.9
cg20968743	5.59E-35	2.91E-38	-1.63E+01	76.3639829	-3.76E-01	44883965	44884088	NC_000011.9
cg08035323	5.65E-35	2.95E-38	-1.63E+01	76.3494459	-1.79E-01	9843525	9843648	NC_000002.11
cg11303839	6.15E-35	3.25E-38	-1.63E+01	76.2521508	-4.44E-01	75405967	75406090	NC_000007.13
cg13052638	6.15E-35	3.26E-38	-1.63E+01	76.2506483	-3.89E-01	206677719	206677842	NC_000001.10
cg03254336	6.38E-35	3.39E-38	-1.63E+01	76.2091941	-3.03E-01	114635839	114635962	NC_000010.10
cg11122255	6.83E-35	3.67E-38	-1.63E+01	76.1323726	-3.08E-01	24995583	24995706	NC_000010.10
cg02693002	6.96E-35	3.75E-38	-1.63E+01	76.109948	-1.70E-01	126106594	126106717	NC_000010.10
cg11448683	7.03E-35	3.81E-38	-1.63E+01	76.0947472	-2.23E-01	45274099	45274222	NC_000001.10
cg10308629	7.98E-35	4.34E-38	-1.62E+01	75.9640511	-2.19E-01	134354803	134354926	NC_000007.13
cg07541559	8.69E-35	4.75E-38	-1.62E+01	75.8754484	-3.63E-01	34288225	34288348	NC_000011.9
cg06508783	8.77E-35	4.82E-38	-1.62E+01	75.8611274	-2.10E-01	50275446	50275569	NC_000003.11
cg17491456	1.06E-34	5.91E-38	-1.62E+01	75.6578418	-2.28E-01	39424524	39424647	NC_000005.9
cg00516092	1.07E-34	5.99E-38	-1.62E+01	75.6447363	-2.79E-01	31177275	31177398	NC_000020.10

cg20873416	1.07E-34	6.03E-38	-1.62E+01	75.6374395	-2.83E-01	30737068	30737191	NC_000006.11
cg13106758	1.23E-34	6.97E-38	-1.62E+01	75.493192	-3.14E-01	101708575	101708698	NC_000015.9
cg01093786	1.32E-34	7.63E-38	-1.62E+01	75.4033832	-2.89E-01	96047698	96047821	NC_000011.9
cg25277632	1.32E-34	7.63E-38	-1.62E+01	75.4032569	-2.31E-01	14995476	14995599	NC_000010.10
cg23804620	1.40E-34	8.08E-38	-1.61E+01	75.3466395	-2.59E-01	6690894	6691017	NC_000004.11
cg06021088	1.44E-34	8.43E-38	-1.61E+01	75.3045431	-3.45E-01	127822551	127822674	NC_000002.11
cg23521140	1.46E-34	8.54E-38	-1.61E+01	75.2919899	-3.59E-01	37617601	37617724	NC_000002.11
cg07068735	1.46E-34	8.57E-38	-1.61E+01	75.2877016	-3.13E-01	63504871	63504994	NC_000015.9
cg00863099	1.49E-34	8.82E-38	-1.61E+01	75.2593521	-3.12E-01	87755371	87755494	NC_000002.11
cg17333973	1.71E-34	1.02E-37	-1.61E+01	75.115545	-2.51E-01	2847019	2847142	NC_000011.9
cg16865138	1.80E-34	1.08E-37	-1.61E+01	75.0624301	-2.43E-01	56732447	56732570	NC_000012.11
cg04821520	1.98E-34	1.19E-37	-1.61E+01	74.9626348	-3.12E-01	37525709	37525832	NC_000011.9
cg08823209	1.98E-34	1.20E-37	-1.61E+01	74.9547475	-2.86E-01	35611675	35611798	NC_000019.9
cg25766247	1.99E-34	1.21E-37	-1.61E+01	74.9464888	-2.00E-01	59714165	59714288	NC_000008.10
cg09803959	1.99E-34	1.21E-37	-1.61E+01	74.9409446	-3.43E-01	78865514	78865637	NC_000017.10
cg05903736	1.99E-34	1.22E-37	-1.61E+01	74.9384502	-3.47E-01	240197131	240197254	NC_000002.11
cg12810800	2.38E-34	1.48E-37	-1.61E+01	74.7465698	-2.94E-01	159788345	159788468	NC_000002.11
cg18886444	2.39E-34	1.49E-37	-1.61E+01	74.7358697	-2.45E-01	49378032	49378155	NC_000003.11
cg25856090	2.62E-34	1.66E-37	-1.60E+01	74.6285445	-3.68E-01	143028708	143028831	NC_000007.13
cg00830767	2.62E-34	1.67E-37	-1.60E+01	74.6265623	-2.11E-01	19098198	19098321	NC_000016.9
cg03813377	2.69E-34	1.73E-37	-1.60E+01	74.5918582	-2.21E-01	30737455	30737578	NC_000006.11
cg02064267	2.79E-34	1.79E-37	-1.60E+01	74.5527321	-2.43E-01	112220471	112220594	NC_000010.10
cg06586046	2.81E-34	1.81E-37	-1.60E+01	74.5420559	-2.63E-01	78038103	78038226	NC_000017.10
cg15391590	3.05E-34	1.99E-37	-1.60E+01	74.4491126	-4.33E-01	52913427	52913550	NC_000006.11
cg16215913	3.12E-34	2.04E-37	-1.60E+01	74.4234852	-3.58E-01	101942275	101942398	NC_000004.11

cg25874782	3.16E-34	2.08E-37	-1.60E+01	74.4042033	-3.68E-01	59508474	59508597	NC_000008.10
cg27132471	3.16E-34	2.09E-37	-1.60E+01	74.4025196	-3.74E-01	92613280	92613403	NC_000015.9
cg14606858	3.18E-34	2.11E-37	-1.60E+01	74.3934556	-3.36E-01	98871769	98871892	NC_000007.13
cg11935248	3.33E-34	2.22E-37	-1.60E+01	74.340125	-2.77E-01	4942483	4942606	NC_000006.11
cg14129735	3.33E-34	2.22E-37	-1.60E+01	74.3391608	-2.95E-01	30737007	30737130	NC_000006.11
cg04214938	3.39E-34	2.28E-37	-1.60E+01	74.3138847	-3.46E-01	119496171	119496294	NC_000002.11
cg06061086	3.39E-34	2.28E-37	-1.60E+01	74.3134164	-3.98E-01	41499640	41499763	NC_000006.11
cg13427748	3.65E-34	2.46E-37	-1.60E+01	74.2373421	-3.33E-01	70767649	70767772	NC_000015.9
cg03946324	3.65E-34	2.48E-37	-1.60E+01	74.2317383	-1.64E-01	14995581	14995704	NC_000010.10
cg26084949	3.79E-34	2.59E-37	-1.60E+01	74.1873277	-3.09E-01	75039090	75039213	NC_000014.8
cg14055655	4.50E-34	3.10E-37	-1.60E+01	74.0074929	-2.28E-01	50117794	50117917	NC_000019.9
cg21477985	4.65E-34	3.22E-37	-1.59E+01	73.9709146	-2.80E-01	56732427	56732550	NC_000012.11
cg21422164	4.80E-34	3.34E-37	-1.59E+01	73.9347158	-4.16E-01	114770148	114770271	NC_000013.10
cg20952257	4.96E-34	3.46E-37	-1.59E+01	73.8990958	-2.45E-01	171074407	171074530	NC_000005.9
cg00374672	5.08E-34	3.57E-37	-1.59E+01	73.8679909	-2.57E-01	100463416	100463539	NC_000007.13
cg08003402	5.78E-34	4.11E-37	-1.59E+01	73.7295043	-3.83E-01	15311021	15311144	NC_000003.11
cg01261503	5.85E-34	4.17E-37	-1.59E+01	73.7139682	-1.61E-01	62493599	62493722	NC_000017.10
cg23841186	5.92E-34	4.24E-37	-1.59E+01	73.698751	-3.38E-01	53492662	53492785	NC_000012.11
cg03800922	6.36E-34	4.57E-37	-1.59E+01	73.6230074	-2.58E-01	74290220	74290343	NC_000006.11
cg04465078	6.36E-34	4.59E-37	-1.59E+01	73.6196597	-3.08E-01	15766942	15767065	NC_000016.9
cg09889848	6.76E-34	4.89E-37	-1.59E+01	73.5558862	-2.50E-01	370009	370132	NC_000010.10
cg19730972	6.76E-34	4.90E-37	-1.59E+01	73.5528106	-2.31E-01	102176671	102176794	NC_000014.8
cg07493562	6.80E-34	4.95E-37	-1.59E+01	73.5433111	-2.99E-01	78244468	78244591	NC_000016.9
cg10880902	6.88E-34	5.03E-37	-1.59E+01	73.5273216	-2.54E-01	59278781	59278904	NC_000001.10
cg08549335	6.88E-34	5.04E-37	-1.59E+01	73.524735	-4.23E-01	30387954	30388077	NC_000007.13

cg07094298	7.05E-34	5.18E-37	-1.59E+01	73.4974549	-2.72E-01	2748026	2748149	NC_000004.11
cg18388547	7.64E-34	5.66E-37	-1.59E+01	73.4110195	-3.25E-01	35513161	35513284	NC_000001.10
cg10907912	8.30E-34	6.17E-37	-1.59E+01	73.3248118	-4.11E-01	197024904	197025027	NC_000002.11
cg14102437	8.45E-34	6.31E-37	-1.59E+01	73.3024317	-3.18E-01	33359688	33359811	NC_000002.11
cg10466548	8.45E-34	6.32E-37	-1.59E+01	73.3003528	-2.77E-01	10965217	10965340	NC_000016.9
cg09502149	8.57E-34	6.43E-37	-1.58E+01	73.2834186	-2.78E-01	43406792	43406915	NC_000001.10
cg07382998	9.14E-34	6.88E-37	-1.58E+01	73.2162706	-2.59E-01	76880071	76880194	NC_000017.10
cg06422467	9.16E-34	6.92E-37	-1.58E+01	73.2102281	-3.11E-01	30720484	30720607	NC_000006.11
cg26788216	9.44E-34	7.15E-37	-1.58E+01	73.1773723	-2.94E-01	102844110	102844233	NC_000002.11
cg16102739	9.45E-34	7.18E-37	-1.58E+01	73.1733025	-2.86E-01	9224376	9224499	NC_000001.10
cg04279411	9.48E-34	7.23E-37	-1.58E+01	73.1664382	-3.44E-01	230645569	230645692	NC_000001.10
cg09015280	9.81E-34	7.51E-37	-1.58E+01	73.1291136	-3.56E-01	80623161	80623284	NC_000013.10
cg18424091	1.01E-33	7.73E-37	-1.58E+01	73.0999586	-1.94E-01	31781814	31781937	NC_000006.11
cg15453708	1.04E-33	8.07E-37	-1.58E+01	73.0572166	-2.71E-01	151493647	151493770	NC_000007.13
cg14665413	1.07E-33	8.28E-37	-1.58E+01	73.0316378	-2.77E-01	38859728	38859851	NC_000004.11
cg23731089	1.10E-33	8.60E-37	-1.58E+01	72.9943885	-3.30E-01	141599208	141599331	NC_000008.10
cg20297199	1.16E-33	9.10E-37	-1.58E+01	72.9380727	-1.15E-01	54422775	54422898	NC_000014.8
cg03577157	1.24E-33	9.82E-37	-1.58E+01	72.8621651	-3.81E-01	80716263	80716386	NC_000005.9
cg24921221	1.33E-33	1.06E-36	-1.58E+01	72.785405	-2.78E-01	12584192	12584315	NC_000008.10
cg05870586	1.34E-33	1.07E-36	-1.58E+01	72.7749657	-3.42E-01	240196769	240196892	NC_000002.11
cg04894537	1.53E-33	1.23E-36	-1.58E+01	72.6358432	-3.41E-01	2763171	2763294	NC_000011.9
cg11542784	1.62E-33	1.32E-36	-1.57E+01	72.5700135	-2.20E-01	29316633	29316756	NC_000008.10
cg11006453	1.86E-33	1.52E-36	-1.57E+01	72.4257115	-3.50E-01	141599185	141599308	NC_000008.10
cg27033479	2.21E-33	1.83E-36	-1.57E+01	72.2448409	-1.75E-01	194353554	194353677	NC_000003.11
cg02836864	2.31E-33	1.91E-36	-1.57E+01	72.198986	-2.44E-01	113388910	113389033	NC_000002.11

cg11554335	2.40E-33	2.00E-36	-1.57E+01	72.156976	-2.79E-01	57336941	57337064	NC_000011.9
cg09782560	2.50E-33	2.08E-36	-1.57E+01	72.1135694	-3.30E-01	92058845	92058968	NC_000015.9
cg24327132	2.76E-33	2.32E-36	-1.57E+01	72.0075853	-3.12E-01	72520632	72520755	NC_000015.9
cg20450123	2.79E-33	2.35E-36	-1.57E+01	71.9925627	-3.07E-01	19540210	19540333	NC_000008.10
cg20045394	2.85E-33	2.40E-36	-1.57E+01	71.9718599	-2.87E-01	36184576	36184699	NC_000017.10
cg06713116	3.10E-33	2.65E-36	-1.56E+01	71.873539	-1.29E-01	154720452	154720575	NC_000007.13
cg07007400	3.11E-33	2.67E-36	-1.56E+01	71.8677154	-2.11E-01	52626831	52626954	NC_000012.11
cg05101437	3.46E-33	2.97E-36	-1.56E+01	71.7602	-3.28E-01	92262970	92263093	NC_000007.13
cg13485320	3.87E-33	3.35E-36	-1.56E+01	71.6428364	-2.55E-01	2920128	2920251	NC_000011.9
cg23019886	4.03E-33	3.49E-36	-1.56E+01	71.5995361	-3.82E-01	6277045	6277168	NC_000012.11
cg00068038	4.20E-33	3.65E-36	-1.56E+01	71.556091	-3.00E-01	36688564	36688687	NC_000002.11
cg09522147	4.23E-33	3.69E-36	-1.56E+01	71.5460644	-2.69E-01	52627342	52627465	NC_000012.11
cg17922998	4.39E-33	3.86E-36	-1.56E+01	71.5008498	-3.88E-01	61863697	61863820	NC_000008.10
cg25349820	4.84E-33	4.28E-36	-1.56E+01	71.3975318	-2.70E-01	25346354	25346477	NC_000022.10
cg23575688	5.04E-33	4.47E-36	-1.56E+01	71.353931	-3.14E-01	119486443	119486566	NC_000011.9
cg12711814	5.06E-33	4.51E-36	-1.56E+01	71.346955	-1.37E-01	8939529	8939652	NC_000001.10
cg13563026	5.09E-33	4.54E-36	-1.56E+01	71.339224	-2.33E-01	47512538	47512661	NC_000004.11
cg00950718	5.36E-33	4.79E-36	-1.56E+01	71.2855491	-2.72E-01	159859904	159860027	NC_000001.10
cg03429644	5.53E-33	4.98E-36	-1.56E+01	71.2480934	-2.25E-01	9252446	9252569	NC_000002.11
cg07551060	5.66E-33	5.10E-36	-1.56E+01	71.2234505	-4.10E-01	121075316	121075439	NC_000010.10
cg12864389	5.81E-33	5.27E-36	-1.55E+01	71.1909376	-3.49E-01	145025178	145025301	NC_000008.10
cg13921921	6.06E-33	5.51E-36	-1.55E+01	71.1469863	-2.95E-01	155931763	155931886	NC_000001.10
cg22047295	6.21E-33	5.66E-36	-1.55E+01	71.1194575	-4.13E-01	175462522	175462645	NC_000002.11
cg10018519	6.28E-33	5.74E-36	-1.55E+01	71.1054578	-1.60E-01	11970078	11970201	NC_000002.11
cg01464985	6.50E-33	5.96E-36	-1.55E+01	71.0693542	-2.06E-01	27805622	27805745	NC_000002.11



cg20445035	6.61E-33	6.08E-36	-1.55E+01	71.0484891	-1.15E-01	44174593	44174716	NC_000019.9
cg24966363	6.61E-33	6.09E-36	-1.55E+01	71.0465894	-2.57E-01	8932588	8932711	NC_000008.10
cg19084031	6.98E-33	6.46E-36	-1.55E+01	70.9877098	-2.92E-01	38361362	38361485	NC_000015.9
cg20003368	7.18E-33	6.67E-36	-1.55E+01	70.9563056	-3.35E-01	44026475	44026598	NC_000006.11
cg03989617	7.23E-33	6.74E-36	-1.55E+01	70.9468029	-2.98E-01	57662541	57662664	NC_000016.9
cg03081478	7.26E-33	6.78E-36	-1.55E+01	70.9398123	-2.96E-01	2773127	2773250	NC_000007.13
cg04663487	7.58E-33	7.10E-36	-1.55E+01	70.8943566	-2.24E-01	115670804	115670927	NC_000007.13
cg11461670	7.91E-33	7.44E-36	-1.55E+01	70.8481199	-2.46E-01	22454935	22455058	NC_000008.10
cg17943323	8.09E-33	7.66E-36	-1.55E+01	70.8189495	-3.06E-01	203876248	203876371	NC_000001.10
cg19257864	8.09E-33	7.66E-36	-1.55E+01	70.8187088	-1.90E-01	155211736	155211859	NC_000001.10
cg20326647	8.38E-33	7.98E-36	-1.55E+01	70.7788275	-3.47E-01	144820709	144820832	NC_000008.10
cg14931884	9.48E-33	9.10E-36	-1.55E+01	70.6480768	-3.38E-01	369977	370100	NC_000010.10
cg25388800	9.52E-33	9.15E-36	-1.55E+01	70.6416507	-4.27E-01	137990243	137990366	NC_000005.9
cg14205864	9.81E-33	9.45E-36	-1.55E+01	70.6096719	-3.53E-01	113841719	113841842	NC_000013.10
cg11118962	1.06E-32	1.02E-35	-1.55E+01	70.5305091	-2.52E-01	171685460	171685583	NC_000003.11
cg12053155	1.08E-32	1.04E-35	-1.54E+01	70.5101683	-1.59E-01	107186476	107186599	NC_000013.10
cg15156975	1.12E-32	1.09E-35	-1.54E+01	70.4688859	-1.48E-01	43449055	43449178	NC_000017.10
cg16277214	1.16E-32	1.13E-35	-1.54E+01	70.4326158	-2.85E-01	32434339	32434462	NC_000003.11
cg19262282	1.30E-32	1.27E-35	-1.54E+01	70.3159198	-3.19E-01	40923249	40923372	NC_000019.9
cg06747543	1.42E-32	1.40E-35	-1.54E+01	70.2217559	-2.81E-01	18589894	18590017	NC_000019.9
cg00446414	1.43E-32	1.41E-35	-1.54E+01	70.2143323	-3.53E-01	29387350	29387473	NC_000008.10
cg26673980	1.49E-32	1.47E-35	-1.54E+01	70.1710273	-2.82E-01	151493820	151493943	NC_000007.13
cg16210842	1.52E-32	1.51E-35	-1.54E+01	70.1428414	-3.39E-01	139511585	139511708	NC_000005.9
cg04943879	1.53E-32	1.52E-35	-1.54E+01	70.1402414	-2.76E-01	12609705	12609828	NC_000001.10
cg20740711	1.62E-32	1.62E-35	-1.54E+01	70.0748369	-2.75E-01	113450279	113450402	NC_000002.11

cg00980058	1.64E-32	1.65E-35	-1.54E+01	70.0574197	-3.38E-01	233248709	233248832	NC_000001.10
cg06769820	1.65E-32	1.66E-35	-1.54E+01	70.0506226	-2.61E-01	54554571	54554694	NC_000004.11
cg19852660	1.67E-32	1.68E-35	-1.54E+01	70.0367757	-2.39E-01	2846681	2846804	NC_000011.9
cg26800803	1.81E-32	1.83E-35	-1.54E+01	69.9515855	-1.91E-01	4765095	4765218	NC_000007.13
cg10460033	1.89E-32	1.92E-35	-1.54E+01	69.9035249	-2.41E-01	13894328	13894451	NC_000003.11
cg08005122	1.90E-32	1.94E-35	-1.54E+01	69.8945192	-1.59E-01	110779637	110779760	NC_000011.9
cg05259836	1.92E-32	1.96E-35	-1.54E+01	69.8823913	-2.93E-01	74290516	74290639	NC_000006.11
cg07960624	1.94E-32	1.99E-35	-1.54E+01	69.8710452	-3.73E-01	119208486	119208609	NC_000008.10
cg01265860	1.96E-32	2.01E-35	-1.54E+01	69.8606033	-3.28E-01	36256316	36256439	NC_000021.8
cg00294382	1.97E-32	2.03E-35	-1.54E+01	69.848857	-2.68E-01	56732721	56732844	NC_000012.11
cg15809077	2.18E-32	2.25E-35	-1.53E+01	69.7467394	-2.59E-01	112462079	112462202	NC_000002.11
cg19630689	2.21E-32	2.29E-35	-1.53E+01	69.7282205	-2.33E-01	94984381	94984504	NC_000014.8
cg15787146	2.31E-32	2.40E-35	-1.53E+01	69.6813266	-3.02E-01	70107185	70107308	NC_000017.10
cg19913563	2.31E-32	2.41E-35	-1.53E+01	69.6782016	-2.92E-01	30720261	30720384	NC_000006.11
cg10893986	2.31E-32	2.42E-35	-1.53E+01	69.6759081	-3.40E-01	3229739	3229862	NC_000001.10
cg22610620	2.34E-32	2.46E-35	-1.53E+01	69.6589301	-2.78E-01	77524487	77524610	NC_000010.10
cg07925587	2.38E-32	2.51E-35	-1.53E+01	69.6400856	-2.98E-01	52583324	52583447	NC_000012.11
cg08998657	2.43E-32	2.58E-35	-1.53E+01	69.6127343	-3.28E-01	46893929	46894052	NC_000016.9
cg25063165	2.43E-32	2.58E-35	-1.53E+01	69.6099724	-2.19E-01	30737436	30737559	NC_000006.11
cg09730500	2.59E-32	2.76E-35	-1.53E+01	69.5426552	-2.90E-01	57662690	57662813	NC_000016.9
cg03495084	2.71E-32	2.90E-35	-1.53E+01	69.495881	-3.16E-01	15311154	15311277	NC_000003.11
cg02898159	2.79E-32	2.99E-35	-1.53E+01	69.4628258	-2.66E-01	5346237	5346360	NC_000019.9
cg14434062	2.79E-32	3.01E-35	-1.53E+01	69.4592003	-3.17E-01	70767419	70767542	NC_000015.9
cg14255824	2.82E-32	3.04E-35	-1.53E+01	69.4485514	-3.13E-01	71795999	71796122	NC_000009.11
cg16476991	2.88E-32	3.11E-35	-1.53E+01	69.4241287	-3.45E-01	114831404	114831527	NC_000013.10

cg04177251	3.55E-32	3.85E-35	-1.53E+01	69.2130558	-3.19E-01	8193123	8193246	NC_000004.11
cg16137928	3.59E-32	3.90E-35	-1.53E+01	69.1993298	-3.17E-01	30720491	30720614	NC_000006.11
cg11229273	3.61E-32	3.94E-35	-1.53E+01	69.1905261	-3.85E-01	57015101	57015224	NC_000003.11
cg16929739	3.61E-32	3.95E-35	-1.53E+01	69.1879678	-3.54E-01	11178593	11178716	NC_000003.11
cg22813430	3.80E-32	4.17E-35	-1.53E+01	69.1333032	-2.28E-01	52626427	52626550	NC_000012.11
cg24970181	3.83E-32	4.21E-35	-1.53E+01	69.1239303	-1.72E-01	56716884	56717007	NC_000006.11
cg15867307	4.05E-32	4.47E-35	-1.52E+01	69.0638776	-3.41E-01	238110829	238110952	NC_000002.11
cg17654419	4.11E-32	4.56E-35	-1.52E+01	69.0455057	-3.25E-01	102012904	102013027	NC_000002.11
cg03731202	4.11E-32	4.56E-35	-1.52E+01	69.0444529	-3.06E-01	36574795	36574918	NC_000001.10
cg08446038	4.11E-32	4.57E-35	-1.52E+01	69.0431977	-3.29E-01	52327649	52327772	NC_000005.9
cg02413040	4.17E-32	4.64E-35	-1.52E+01	69.0272865	-2.72E-01	36419648	36419771	NC_000021.8
cg16245261	4.41E-32	4.92E-35	-1.52E+01	68.9687993	-2.84E-01	6342357	6342480	NC_000011.9
cg19764555	4.64E-32	5.20E-35	-1.52E+01	68.9146438	-1.78E-01	62315119	62315242	NC_000011.9
cg06780032	4.66E-32	5.25E-35	-1.52E+01	68.9036882	-2.95E-01	8272277	8272400	NC_000001.10
cg02104162	5.18E-32	5.87E-35	-1.52E+01	68.793967	-2.81E-01	4610716	4610839	NC_000006.11
cg17318719	5.18E-32	5.87E-35	-1.52E+01	68.793451	-2.99E-01	117959349	117959472	NC_000011.9
cg21499869	5.48E-32	6.25E-35	-1.52E+01	68.7307982	-2.85E-01	18589848	18589971	NC_000019.9
cg20369204	5.52E-32	6.31E-35	-1.52E+01	68.7210008	-1.10E-01	92053404	92053527	NC_000008.10
cg11993173	5.58E-32	6.39E-35	-1.52E+01	68.7091103	-3.41E-01	54857695	54857818	NC_000008.10
cg05646575	5.65E-32	6.50E-35	-1.52E+01	68.6913622	-3.29E-01	132221835	132221958	NC_000012.11
cg24540678	5.65E-32	6.50E-35	-1.52E+01	68.6913065	-2.33E-01	28258603	28258726	NC_000008.10
cg04605590	5.74E-32	6.61E-35	-1.52E+01	68.6749851	-3.34E-01	148185121	148185244	NC_000005.9
cg10576245	5.78E-32	6.68E-35	-1.52E+01	68.664885	-3.88E-01	233249267	233249390	NC_000001.10
cg23138413	5.80E-32	6.72E-35	-1.52E+01	68.6589172	-2.78E-01	49320596	49320719	NC_000008.10
cg02396676	5.86E-32	6.80E-35	-1.52E+01	68.6473816	-1.63E-01	45067564	45067687	NC_000003.11

cg08487215	5.87E-32	6.82E-35	-1.52E+01	68.6437931	-1.43E-01	83018422	83018545	NC_000005.9
cg07078958	6.03E-32	7.03E-35	-1.52E+01	68.6141774	-3.95E-01	15311183	15311306	NC_000003.11
cg21145938	6.88E-32	8.05E-35	-1.52E+01	68.4796905	-1.57E-01	38795218	38795341	NC_000008.10
cg14088282	6.92E-32	8.11E-35	-1.52E+01	68.4718409	-3.96E-01	222003220	222003343	NC_000001.10
cg01553231	6.92E-32	8.13E-35	-1.52E+01	68.4690808	-3.30E-01	141072866	141072989	NC_000005.9
cg24727480	7.08E-32	8.34E-35	-1.52E+01	68.4440276	-2.62E-01	109901083	109901206	NC_000012.11
cg18458509	7.40E-32	8.73E-35	-1.51E+01	68.3984066	-3.52E-01	2920189	2920312	NC_000011.9
cg27109748	7.57E-32	8.95E-35	-1.51E+01	68.3737517	-3.23E-01	2150016	2150139	NC_000007.13
cg04863713	8.12E-32	9.62E-35	-1.51E+01	68.3017398	-9.71E-02	150521201	150521324	NC_000001.10
cg14475840	8.14E-32	9.66E-35	-1.51E+01	68.2977946	-2.48E-01	103191817	103191940	NC_000009.11
cg20618695	8.24E-32	9.80E-35	-1.51E+01	68.2835479	-2.91E-01	13251495	13251618	NC_000012.11
cg03335216	8.26E-32	9.85E-35	-1.51E+01	68.2786659	-8.26E-02	8086776	8086899	NC_000001.10
cg13794404	8.88E-32	1.06E-34	-1.51E+01	68.201889	-2.53E-01	126816959	126817082	NC_000009.11
cg25518868	9.03E-32	1.08E-34	-1.51E+01	68.1840736	-3.17E-01	140984057	140984180	NC_000005.9
cg21936552	9.12E-32	1.10E-34	-1.51E+01	68.1716178	-2.92E-01	79386428	79386551	NC_000017.10
cg24178897	9.14E-32	1.10E-34	-1.51E+01	68.1654314	-3.38E-01	69170010	69170133	NC_000014.8
cg06114334	9.18E-32	1.11E-34	-1.51E+01	68.1592109	-4.16E-01	154997361	154997484	NC_000007.13
cg27628707	9.35E-32	1.13E-34	-1.51E+01	68.1383041	-2.95E-01	31727289	31727412	NC_000015.9
cg07634959	9.46E-32	1.15E-34	-1.51E+01	68.1227167	-1.25E-01	114901187	114901310	NC_000004.11
cg10523105	9.48E-32	1.16E-34	-1.51E+01	68.1192728	-3.98E-01	74178976	74179099	NC_000014.8
cg21197336	9.62E-32	1.18E-34	-1.51E+01	68.1023295	-3.61E-01	193587490	193587613	NC_000003.11
cg27461254	9.79E-32	1.20E-34	-1.51E+01	68.0828486	-3.29E-01	39135472	39135595	NC_000020.10
cg07220152	9.84E-32	1.21E-34	-1.51E+01	68.0761431	-2.47E-01	30737270	30737393	NC_000006.11
cg01378159	9.86E-32	1.21E-34	-1.51E+01	68.0718973	-1.84E-01	37703496	37703619	NC_000022.10
cg27092248	9.90E-32	1.22E-34	-1.51E+01	68.0660094	-3.29E-01	11178798	11178921	NC_000003.11

cg14271665	9.92E-32	1.22E-34	-1.51E+01	68.0618353	-1.83E-01	1370768	1370891	NC_000001.10
cg26082814	1.00E-31	1.24E-34	-1.51E+01	68.0479043	-3.26E-01	114065777	114065900	NC_000013.10
cg07727594	1.01E-31	1.25E-34	-1.51E+01	68.0405302	-2.89E-01	45187423	45187546	NC_000020.10
cg19724667	1.04E-31	1.29E-34	-1.51E+01	68.006703	-1.59E-01	190204073	190204196	NC_000003.11
cg23255964	1.04E-31	1.30E-34	-1.51E+01	68.0060869	-2.83E-01	138862353	138862476	NC_000005.9
cg05178291	1.08E-31	1.34E-34	-1.51E+01	67.9705024	-1.51E-01	18287689	18287812	NC_000011.9
cg27469037	1.11E-31	1.39E-34	-1.51E+01	67.9366658	-1.34E-01	29172906	29173029	NC_000008.10
cg20327845	1.15E-31	1.44E-34	-1.51E+01	67.9030563	-2.85E-01	3138418	3138541	NC_000010.10
cg04495354	1.16E-31	1.46E-34	-1.51E+01	67.8843533	-3.20E-01	57294356	57294479	NC_000016.9
cg00883329	1.18E-31	1.49E-34	-1.51E+01	67.8674301	-1.17E-01	54422411	54422534	NC_000014.8
cg12534147	1.20E-31	1.52E-34	-1.51E+01	67.8466125	-4.14E-01	54040362	54040485	NC_000005.9
cg02577773	1.23E-31	1.56E-34	-1.51E+01	67.8223422	-3.03E-01	208027870	208027993	NC_000002.11
cg23939096	1.24E-31	1.58E-34	-1.51E+01	67.8077543	-3.06E-01	1555791	1555914	NC_000005.9
cg15992347	1.29E-31	1.65E-34	-1.51E+01	67.7641388	-2.20E-01	85565475	85565598	NC_000011.9
cg17279359	1.32E-31	1.70E-34	-1.51E+01	67.7366643	-1.50E-01	17565744	17565867	NC_000011.9
cg10624860	1.45E-31	1.88E-34	-1.50E+01	67.6370786	-1.98E-01	75945841	75945964	NC_000011.9
cg21156590	1.51E-31	1.96E-34	-1.50E+01	67.5950411	-2.47E-01	3420848	3420971	NC_000001.10
cg06728055	1.53E-31	1.98E-34	-1.50E+01	67.5826548	-3.32E-01	149294286	149294409	NC_000003.11
cg06802985	1.53E-31	2.00E-34	-1.50E+01	67.5764614	-1.89E-01	179341359	179341482	NC_000005.9
cg22027204	1.54E-31	2.01E-34	-1.50E+01	67.5673202	-3.55E-01	36216248	36216371	NC_000006.11
cg19239199	1.55E-31	2.02E-34	-1.50E+01	67.5627363	-3.94E-01	852714	852837	NC_000007.13
cg13239301	1.57E-31	2.06E-34	-1.50E+01	67.5451441	-1.43E-01	19739772	19739895	NC_000020.10
cg16946439	1.63E-31	2.15E-34	-1.50E+01	67.5021198	-1.05E-01	12131814	12131937	NC_000011.9
cg22895231	1.63E-31	2.15E-34	-1.50E+01	67.5010742	-1.38E-01	45311868	45311991	NC_000019.9
cg01710189	1.64E-31	2.17E-34	-1.50E+01	67.4914335	-2.92E-01	22454888	22455011	NC_000008.10

cg16647844	1.69E-31	2.24E-34	-1.50E+01	67.4603397	-2.67E-01	232903627	232903750	NC_000001.10
cg09862950	1.72E-31	2.28E-34	-1.50E+01	67.4444053	-1.29E-01	132275639	132275762	NC_000006.11
cg01637090	2.03E-31	2.73E-34	-1.50E+01	67.2629891	-2.50E-01	1213672	1213795	NC_000016.9
cg15035705	2.03E-31	2.74E-34	-1.50E+01	67.2619323	-1.81E-01	179159291	179159414	NC_000005.9
cg00766914	2.09E-31	2.82E-34	-1.50E+01	67.2317733	-8.82E-02	107781299	107781422	NC_000006.11
cg06401414	2.13E-31	2.88E-34	-1.50E+01	67.2099747	-2.38E-01	141599436	141599559	NC_000008.10
cg20518446	2.13E-31	2.89E-34	-1.50E+01	67.2095492	-3.85E-01	62315034	62315157	NC_000011.9
cg01652514	2.18E-31	2.96E-34	-1.50E+01	67.182674	-3.00E-01	114831142	114831265	NC_000013.10
cg03663556	2.20E-31	2.99E-34	-1.50E+01	67.1731531	-3.40E-01	50900556	50900679	NC_000007.13
cg04387396	2.22E-31	3.03E-34	-1.50E+01	67.1617555	-2.74E-01	72593165	72593288	NC_000010.10
cg10087172	2.26E-31	3.09E-34	-1.50E+01	67.1405578	-1.81E-01	15114494	15114617	NC_000012.11
cg16291048	2.30E-31	3.15E-34	-1.50E+01	67.1210475	-3.27E-01	153507498	153507621	NC_000001.10
cg18686155	2.34E-31	3.20E-34	-1.50E+01	67.1051385	-7.59E-02	54421381	54421504	NC_000014.8
cg02849507	2.39E-31	3.30E-34	-1.50E+01	67.0774694	-2.03E-01	14051717	14051840	NC_000016.9
cg01781725	2.45E-31	3.38E-34	-1.50E+01	67.0524318	-1.94E-01	1047460	1047583	NC_000016.9
cg06795649	2.49E-31	3.46E-34	-1.49E+01	67.0303322	-2.87E-01	30135976	30136099	NC_000015.9
cg14770102	2.55E-31	3.54E-34	-1.49E+01	67.0060543	-2.71E-01	58984446	58984569	NC_000011.9
cg02983090	2.63E-31	3.65E-34	-1.49E+01	66.9748649	-3.02E-01	27437892	27438015	NC_000016.9
cg13475583	2.84E-31	3.97E-34	-1.49E+01	66.8928214	-2.54E-01	235116731	235116854	NC_000001.10
cg19160629	2.86E-31	4.00E-34	-1.49E+01	66.8846575	-3.48E-01	116742145	116742268	NC_000011.9
cg08282819	2.88E-31	4.04E-34	-1.49E+01	66.8744137	-2.68E-01	27437900	27438023	NC_000016.9
cg04633683	2.98E-31	4.21E-34	-1.49E+01	66.8330215	-3.24E-01	29837056	29837179	NC_000016.9
cg09552548	3.06E-31	4.34E-34	-1.49E+01	66.8043439	-3.17E-01	232538286	232538409	NC_000002.11
cg23451678	3.12E-31	4.43E-34	-1.49E+01	66.78321	-2.67E-01	112323619	112323742	NC_000003.11
cg16271437	3.16E-31	4.49E-34	-1.49E+01	66.7697447	-1.85E-01	23123952	23124075	NC_000020.10

cg13275603	3.34E-31	4.76E-34	-1.49E+01	66.7123203	-2.71E-01	73927487	73927610	NC_000005.9
cg26051755	3.50E-31	5.01E-34	-1.49E+01	66.6608938	-2.44E-01	97198107	97198230	NC_000002.11
cg09621958	3.68E-31	5.28E-34	-1.49E+01	66.6087509	-2.50E-01	112395854	112395977	NC_000003.11
cg10185478	3.69E-31	5.32E-34	-1.49E+01	66.6007198	-3.10E-01	15767006	15767129	NC_000016.9
cg24495643	3.72E-31	5.37E-34	-1.49E+01	66.5919632	-3.25E-01	29230953	29231076	NC_000008.10
cg05312104	3.79E-31	5.48E-34	-1.49E+01	66.5720091	-2.53E-01	19402066	19402189	NC_000011.9
cg06075311	3.79E-31	5.49E-34	-1.49E+01	66.5691571	-3.45E-01	105210937	105211060	NC_000010.10
cg02640104	3.95E-31	5.76E-34	-1.49E+01	66.5227517	-2.42E-01	30476615	30476738	NC_000013.10
cg19412669	3.98E-31	5.82E-34	-1.49E+01	66.5109357	-2.07E-01	36839270	36839393	NC_000001.10
cg16636721	3.98E-31	5.83E-34	-1.49E+01	66.5100329	-1.37E-01	47920571	47920694	NC_000021.8
cg10784519	4.05E-31	5.93E-34	-1.49E+01	66.4927755	-2.14E-01	30737231	30737354	NC_000006.11
cg09845604	4.11E-31	6.03E-34	-1.49E+01	66.4764922	-2.91E-01	3229921	3230044	NC_000001.10
cg19061690	4.31E-31	6.33E-34	-1.49E+01	66.4274434	-2.45E-01	46080304	46080427	NC_000017.10
cg16465430	4.51E-31	6.66E-34	-1.49E+01	66.3773373	-1.71E-01	23289114	23289237	NC_000014.8
cg22117918	4.98E-31	7.37E-34	-1.48E+01	66.2770108	-1.40E-01	160769114	160769237	NC_000006.11
cg09889479	5.09E-31	7.56E-34	-1.48E+01	66.2515114	-2.29E-01	2082689	2082812	NC_000016.9
cg23145794	5.11E-31	7.60E-34	-1.48E+01	66.2463083	-3.08E-01	20433062	20433185	NC_000020.10
cg01513078	5.12E-31	7.64E-34	-1.48E+01	66.2412397	-3.43E-01	105437094	105437217	NC_000014.8
cg26704293	5.17E-31	7.73E-34	-1.48E+01	66.2300726	-3.74E-01	125073750	125073873	NC_000012.11
cg12520319	5.22E-31	7.81E-34	-1.48E+01	66.2198508	-2.54E-01	101740264	101740387	NC_000015.9
cg25313172	5.42E-31	8.14E-34	-1.48E+01	66.1783256	-1.86E-01	52627272	52627395	NC_000012.11
cg04603419	5.59E-31	8.41E-34	-1.48E+01	66.1461256	-1.36E-01	42061560	42061683	NC_000017.10
cg17951878	5.61E-31	8.46E-34	-1.48E+01	66.1393184	-3.81E-01	7698374	7698497	NC_000006.11
cg27170015	5.66E-31	8.55E-34	-1.48E+01	66.1296126	-2.30E-01	23689753	23689876	NC_000016.9
cg13610455	5.84E-31	8.85E-34	-1.48E+01	66.0948279	-2.97E-01	37054900	37055023	NC_000020.10

cg07573872	5.85E-31	8.88E-34	-1.48E+01	66.0911819	-2.40E-01	1126342	1126465	NC_000019.9
cg05789595	5.86E-31	8.90E-34	-1.48E+01	66.0888473	-2.45E-01	56555274	56555397	NC_000006.11
cg03852570	5.90E-31	8.98E-34	-1.48E+01	66.079858	-1.99E-01	100175106	100175229	NC_000010.10
cg03720100	6.16E-31	9.40E-34	-1.48E+01	66.0345763	-2.59E-01	30720263	30720386	NC_000006.11
cg08476984	6.17E-31	9.43E-34	-1.48E+01	66.0312308	-2.50E-01	5588169	5588292	NC_000010.10
cg07388969	6.62E-31	1.01E-33	-1.48E+01	65.9606575	-3.99E-01	38509709	38509832	NC_000015.9
cg03367387	6.81E-31	1.05E-33	-1.48E+01	65.9295837	-3.93E-01	197439334	197439457	NC_000003.11
cg26177041	6.99E-31	1.08E-33	-1.48E+01	65.9009928	-3.36E-01	114389632	114389755	NC_000004.11
cg05973398	7.16E-31	1.10E-33	-1.48E+01	65.8759979	-2.47E-01	36420164	36420287	NC_000021.8
cg09129067	7.32E-31	1.13E-33	-1.48E+01	65.851726	-3.05E-01	103750904	103751027	NC_000008.10
cg27064337	8.12E-31	1.26E-33	-1.48E+01	65.7460175	-2.25E-01	18925266	18925389	NC_000008.10
cg04188351	8.34E-31	1.29E-33	-1.48E+01	65.7173929	-2.57E-01	33744823	33744946	NC_000011.9
cg01077100	8.37E-31	1.30E-33	-1.48E+01	65.712303	-3.48E-01	124067280	124067403	NC_000010.10
cg01626885	8.80E-31	1.37E-33	-1.48E+01	65.6600956	-2.66E-01	45937757	45937880	NC_000015.9
cg20488673	8.92E-31	1.39E-33	-1.48E+01	65.6446369	-2.95E-01	100497940	100498063	NC_000014.8
cg27149179	9.12E-31	1.43E-33	-1.47E+01	65.6207916	-2.92E-01	86451848	86451971	NC_000011.9
cg06635797	9.66E-31	1.51E-33	-1.47E+01	65.560771	-2.00E-01	4915394	4915517	NC_000019.9
cg11383291	9.78E-31	1.54E-33	-1.47E+01	65.5453434	-2.51E-01	124597938	124598061	NC_000003.11
cg00667789	9.84E-31	1.55E-33	-1.47E+01	65.5376883	-2.17E-01	59042065	59042188	NC_000001.10
cg10239077	1.02E-30	1.61E-33	-1.47E+01	65.5001493	-1.13E-01	55294882	55295005	NC_000008.10
cg19377250	1.03E-30	1.63E-33	-1.47E+01	65.4902548	-3.02E-01	100463206	100463329	NC_000007.13
cg05060704	1.03E-30	1.64E-33	-1.47E+01	65.4799375	-2.42E-01	50275694	50275817	NC_000003.11
cg06914505	1.08E-30	1.71E-33	-1.47E+01	65.437285	-2.46E-01	39464601	39464724	NC_000015.9
cg06126421	1.12E-30	1.79E-33	-1.47E+01	65.3968558	-3.29E-01	30720080	30720203	NC_000006.11
cg04956471	1.21E-30	1.95E-33	-1.47E+01	65.3101365	-2.72E-01	234328457	234328580	NC_000002.11



cg24890964	1.21E-30	1.95E-33	-1.47E+01	65.3098318	-2.83E-01	36153642	36153765	NC_000020.10
cg18282388	1.23E-30	1.98E-33	-1.47E+01	65.2942289	-3.16E-01	129716470	129716593	NC_000011.9
cg15275625	1.27E-30	2.05E-33	-1.47E+01	65.2579254	-2.88E-01	13343118	13343241	NC_000003.11
cg14442408	1.30E-30	2.09E-33	-1.47E+01	65.2387912	-1.71E-01	33785412	33785535	NC_000021.8
cg01264639	1.31E-30	2.12E-33	-1.47E+01	65.2253083	-2.10E-01	73839484	73839607	NC_000005.9
cg22066894	1.31E-30	2.13E-33	-1.47E+01	65.2220814	-2.24E-01	126581972	126582095	NC_000011.9
cg05760402	1.33E-30	2.17E-33	-1.47E+01	65.2037806	-1.31E-01	20139913	20140036	NC_000018.9
cg00073090	1.39E-30	2.26E-33	-1.47E+01	65.1632284	-2.40E-01	1265879	1266002	NC_000019.9
cg14369318	1.43E-30	2.34E-33	-1.47E+01	65.1281029	-2.29E-01	30759285	30759408	NC_000004.11
cg04417773	1.48E-30	2.43E-33	-1.47E+01	65.09056	-2.47E-01	80909901	80910024	NC_000010.10
cg27282397	1.49E-30	2.44E-33	-1.47E+01	65.0859059	-3.21E-01	20793466	20793589	NC_000002.11
cg14373727	1.50E-30	2.46E-33	-1.47E+01	65.0779711	-1.92E-01	72091514	72091637	NC_000010.10
cg27306119	1.56E-30	2.58E-33	-1.47E+01	65.0316636	-7.33E-02	9144605	9144728	NC_000002.11
cg27307298	1.56E-30	2.58E-33	-1.47E+01	65.0312923	-2.44E-01	6266753	6266876	NC_000001.10
cg16717008	1.63E-30	2.69E-33	-1.47E+01	64.9883073	-3.33E-01	148037650	148037773	NC_000003.11
cg23558337	1.63E-30	2.70E-33	-1.47E+01	64.984917	-2.30E-01	10492394	10492517	NC_000020.10
cg18296036	1.63E-30	2.70E-33	-1.47E+01	64.9845377	-1.71E-01	150653115	150653238	NC_000007.13
cg07372824	1.76E-30	2.92E-33	-1.46E+01	64.9060725	-1.93E-01	9017748	9017871	NC_000018.9
cg18020065	1.77E-30	2.95E-33	-1.46E+01	64.8986911	-3.22E-01	114829733	114829856	NC_000013.10
cg12273284	1.86E-30	3.10E-33	-1.46E+01	64.8481166	-3.80E-01	12490844	12490967	NC_000010.10
cg14302224	1.88E-30	3.14E-33	-1.46E+01	64.834424	-2.57E-01	105210980	105211103	NC_000010.10
cg21243631	2.07E-30	3.47E-33	-1.46E+01	64.7370102	-2.81E-01	21154260	21154383	NC_000018.9
cg19578660	2.16E-30	3.64E-33	-1.46E+01	64.6891046	-2.63E-01	3511600	3511723	NC_000010.10
cg08490529	2.24E-30	3.79E-33	-1.46E+01	64.6473844	-3.25E-01	157347704	157347827	NC_000007.13
cg01301803	2.24E-30	3.79E-33	-1.46E+01	64.6470192	-2.43E-01	134143535	134143658	NC_000010.10

cg14276379	2.26E-30	3.83E-33	-1.46E+01	64.6385514	-3.37E-01	97663142	97663265	NC_000009.11
cg21513437	2.26E-30	3.83E-33	-1.46E+01	64.6373991	-1.82E-01	39678107	39678230	NC_000017.10
cg14761989	2.30E-30	3.92E-33	-1.46E+01	64.6158139	-2.43E-01	79544417	79544540	NC_000017.10
cg23261919	2.46E-30	4.20E-33	-1.46E+01	64.5458432	-3.61E-01	135072960	135073083	NC_000010.10
cg25204094	2.53E-30	4.33E-33	-1.46E+01	64.5148185	-1.25E-01	100747473	100747596	NC_000009.11
cg00910893	2.55E-30	4.38E-33	-1.46E+01	64.5038571	-1.85E-01	78286548	78286671	NC_000015.9
cg26203879	2.58E-30	4.44E-33	-1.46E+01	64.4912676	-2.55E-01	120968844	120968967	NC_000010.10
cg03896685	2.60E-30	4.49E-33	-1.46E+01	64.4807595	-2.90E-01	65512561	65512684	NC_000007.13
cg05810177	2.66E-30	4.60E-33	-1.46E+01	64.4553001	-3.47E-01	134050402	134050525	NC_000007.13
cg27195914	2.89E-30	5.01E-33	-1.46E+01	64.3698612	-2.68E-01	66907460	66907583	NC_000016.9
cg23995143	2.93E-30	5.10E-33	-1.46E+01	64.3525091	-1.85E-01	30791343	30791466	NC_000010.10
cg14908245	2.95E-30	5.15E-33	-1.46E+01	64.343805	-1.00E-01	23619180	23619303	NC_000008.10
cg27537125	2.96E-30	5.18E-33	-1.46E+01	64.3369101	-2.27E-01	25349681	25349804	NC_000001.10
cg16661744	3.00E-30	5.26E-33	-1.46E+01	64.3227013	-1.99E-01	60868835	60868958	NC_000017.10
cg07168232	3.05E-30	5.35E-33	-1.46E+01	64.3055275	-2.57E-01	209822928	209823051	NC_000001.10
cg13632630	3.06E-30	5.38E-33	-1.46E+01	64.2993018	-3.28E-01	90206329	90206452	NC_000015.9
cg20731529	3.38E-30	5.99E-33	-1.45E+01	64.1922102	-1.62E-01	200296767	200296890	NC_000002.11
cg09956615	3.39E-30	6.01E-33	-1.45E+01	64.1899243	-2.48E-01	2672989	2673112	NC_000007.13
cg19348484	3.47E-30	6.17E-33	-1.45E+01	64.162914	-2.93E-01	91413236	91413359	NC_000015.9
cg22176324	3.51E-30	6.25E-33	-1.45E+01	64.1504538	-1.41E-01	24648851	24648974	NC_000001.10
cg22995449	3.56E-30	6.36E-33	-1.45E+01	64.1335894	-1.88E-01	75988765	75988888	NC_000014.8
cg08135379	3.66E-30	6.55E-33	-1.45E+01	64.1042296	-2.18E-01	47474763	47474886	NC_000012.11
cg13997435	3.66E-30	6.56E-33	-1.45E+01	64.1020886	-2.35E-01	153538406	153538529	NC_000001.10
cg19519964	3.72E-30	6.68E-33	-1.45E+01	64.0847917	-1.31E-01	223290012	223290135	NC_000002.11
cg26442874	3.90E-30	7.03E-33	-1.45E+01	64.0339803	-1.02E-01	74381784	74381907	NC_000017.10

cg04635642	4.15E-30	7.50E-33	-1.45E+01	63.9698675	-3.23E-01	12183938	12184061	NC_000016.9
cg25377796	4.43E-30	8.02E-33	-1.45E+01	63.9024872	-2.22E-01	8643957	8644080	NC_000004.11
cg10853566	4.48E-30	8.13E-33	-1.45E+01	63.8887287	-1.56E-01	23288993	23289116	NC_000014.8
cg01415937	4.59E-30	8.35E-33	-1.45E+01	63.8626942	-3.19E-01	10134620	10134743	NC_000001.10
cg16755500	4.63E-30	8.44E-33	-1.45E+01	63.852195	-3.13E-01	27918338	27918461	NC_000017.10
cg01797450	4.79E-30	8.78E-33	-1.45E+01	63.8130245	-2.23E-01	168134760	168134883	NC_000006.11
cg08614871	4.82E-30	8.84E-33	-1.45E+01	63.8054529	-3.00E-01	3824555	3824678	NC_000010.10
cg01556706	4.91E-30	9.03E-33	-1.45E+01	63.7847305	-3.21E-01	59804435	59804558	NC_000003.11
cg13602461	4.91E-30	9.03E-33	-1.45E+01	63.7846082	-3.21E-01	55066317	55066440	NC_000008.10
cg02832512	4.96E-30	9.14E-33	-1.45E+01	63.7727492	-3.37E-01	22113516	22113639	NC_000006.11
cg07980854	4.97E-30	9.18E-33	-1.45E+01	63.7685717	-2.52E-01	57586338	57586461	NC_000020.10
cg24796998	5.16E-30	9.55E-33	-1.45E+01	63.7286444	-3.46E-01	70383845	70383968	NC_000017.10
cg13477614	5.36E-30	9.97E-33	-1.45E+01	63.6867334	-2.47E-01	79396462	79396585	NC_000017.10
cg24522654	5.50E-30	1.03E-32	-1.45E+01	63.6584015	-2.59E-01	19535154	19535277	NC_000012.11
cg02054792	5.52E-30	1.03E-32	-1.45E+01	63.6533974	-2.23E-01	106014950	106015073	NC_000002.11
cg26191447	5.54E-30	1.03E-32	-1.45E+01	63.649929	-3.08E-01	191656418	191656541	NC_000002.11
cg03280622	5.96E-30	1.12E-32	-1.45E+01	63.5744407	-2.89E-01	145023013	145023136	NC_000008.10
cg16734433	6.03E-30	1.13E-32	-1.45E+01	63.5596822	-3.38E-01	115860297	115860420	NC_000010.10
cg04150762	6.06E-30	1.14E-32	-1.45E+01	63.5535542	-2.81E-01	628677	628800	NC_000011.9
cg24227481	6.13E-30	1.16E-32	-1.44E+01	63.5387741	-2.95E-01	73417185	73417308	NC_000007.13
cg19821297	6.15E-30	1.16E-32	-1.44E+01	63.5328651	-3.08E-01	12890029	12890152	NC_000019.9
cg10416784	6.23E-30	1.18E-32	-1.44E+01	63.5187727	-3.09E-01	58797233	58797356	NC_000002.11
cg06545761	6.24E-30	1.18E-32	-1.44E+01	63.5160941	-3.05E-01	87441441	87441564	NC_000016.9
cg26232553	6.49E-30	1.23E-32	-1.44E+01	63.4737972	-3.19E-01	101471097	101471220	NC_000008.10
cg25277868	6.58E-30	1.26E-32	-1.44E+01	63.4566882	-6.14E-02	21059257	21059380	NC_000001.10

cg06624156	6.59E-30	1.26E-32	-1.44E+01	63.4543465	-8.12E-02	49377976	49378099	NC_000003.11
cg25124300	6.59E-30	1.26E-32	-1.44E+01	63.4527374	-3.82E-01	31607761	31607884	NC_000002.11
cg27631427	6.60E-30	1.26E-32	-1.44E+01	63.4501702	-8.68E-02	47088306	47088429	NC_000018.9
cg00542992	6.63E-30	1.27E-32	-1.44E+01	63.4437827	-2.98E-01	141595654	141595777	NC_000005.9
cg10184289	6.73E-30	1.30E-32	-1.44E+01	63.4232885	-2.36E-01	64870490	64870613	NC_000002.11
cg05343811	6.97E-30	1.35E-32	-1.44E+01	63.384523	-2.40E-01	75590896	75591019	NC_000014.8
cg24775814	6.98E-30	1.36E-32	-1.44E+01	63.380128	-1.05E-01	76982780	76982903	NC_000017.10
cg04659689	7.10E-30	1.38E-32	-1.44E+01	63.3614413	-3.42E-01	2903377	2903500	NC_000007.13
cg09535960	7.38E-30	1.44E-32	-1.44E+01	63.3207943	-3.08E-01	23193704	23193827	NC_000008.10
cg17844606	8.06E-30	1.58E-32	-1.44E+01	63.2260088	-1.02E-01	31174318	31174441	NC_000007.13
cg13585930	8.12E-30	1.60E-32	-1.44E+01	63.2168419	-3.26E-01	72027357	72027480	NC_000010.10
cg16983159	8.19E-30	1.61E-32	-1.44E+01	63.2079858	-3.72E-01	138862441	138862564	NC_000005.9
cg03226203	8.21E-30	1.62E-32	-1.44E+01	63.2038216	-2.47E-01	145024637	145024760	NC_000008.10
cg24671734	8.24E-30	1.63E-32	-1.44E+01	63.1985565	-3.81E-01	107909364	107909487	NC_000012.11
cg11134430	8.32E-30	1.64E-32	-1.44E+01	63.1884738	-2.54E-01	193987426	193987549	NC_000003.11
cg19135406	8.33E-30	1.65E-32	-1.44E+01	63.1855917	-2.15E-01	160219852	160219975	NC_000004.11
cg06853894	8.46E-30	1.68E-32	-1.44E+01	63.1674736	-3.32E-01	12204096	12204219	NC_000001.10
cg24310959	8.61E-30	1.71E-32	-1.44E+01	63.1487612	-2.75E-01	37054880	37055003	NC_000020.10
cg06604467	8.67E-30	1.73E-32	-1.44E+01	63.1394816	-1.68E-01	1232088	1232211	NC_000007.13
cg06530983	8.71E-30	1.74E-32	-1.44E+01	63.1336023	-2.05E-01	9141884	9142007	NC_000016.9
cg06520812	9.84E-30	1.97E-32	-1.44E+01	63.010178	-1.63E-01	46000742	46000865	NC_000019.9
cg26175448	9.84E-30	1.97E-32	-1.44E+01	63.0085773	-2.00E-01	39072167	39072290	NC_000017.10
cg05699373	1.01E-29	2.02E-32	-1.44E+01	62.9860647	-1.20E-01	60609308	60609431	NC_000011.9
cg09010707	1.01E-29	2.03E-32	-1.44E+01	62.9805393	-2.33E-01	26392567	26392690	NC_000012.11
cg13410764	1.03E-29	2.08E-32	-1.44E+01	62.9572466	-3.32E-01	90407888	90408011	NC_000009.11

cg00590817	1.03E-29	2.08E-32	-1.44E+01	62.9566231	-3.04E-01	8272081	8272204	NC_000001.10
cg21571658	1.03E-29	2.08E-32	-1.44E+01	62.9527663	-3.61E-01	70785399	70785522	NC_000015.9
cg26666580	1.03E-29	2.09E-32	-1.44E+01	62.9511519	-2.09E-01	12183835	12183958	NC_000016.9
cg06475541	1.08E-29	2.20E-32	-1.44E+01	62.9009032	-1.67E-01	34731213	34731336	NC_000013.10
cg24799187	1.15E-29	2.34E-32	-1.43E+01	62.8393111	-7.87E-02	27759410	27759533	NC_000006.11
cg16596317	1.16E-29	2.36E-32	-1.43E+01	62.8279449	-3.57E-01	85755348	85755471	NC_000001.10
cg19769182	1.17E-29	2.39E-32	-1.43E+01	62.8182252	-1.53E-01	29823868	29823991	NC_000016.9
cg25783579	1.19E-29	2.43E-32	-1.43E+01	62.8011102	-1.56E-01	87936385	87936508	NC_000007.13
cg17416793	1.21E-29	2.46E-32	-1.43E+01	62.789107	-2.55E-01	2846932	2847055	NC_000011.9
cg15876968	1.22E-29	2.48E-32	-1.43E+01	62.7798857	-2.11E-01	85086322	85086445	NC_000001.10
cg19657351	1.24E-29	2.52E-32	-1.43E+01	62.7628051	-1.57E-01	10521558	10521681	NC_000006.11
cg01425762	1.24E-29	2.53E-32	-1.43E+01	62.7604987	-3.19E-01	81666633	81666756	NC_000016.9
cg03598112	1.25E-29	2.56E-32	-1.43E+01	62.7477965	-2.81E-01	28691021	28691144	NC_000017.10
cg17472111	1.26E-29	2.59E-32	-1.43E+01	62.7365459	-2.74E-01	75287721	75287844	NC_000011.9
cg13876325	1.39E-29	2.85E-32	-1.43E+01	62.6423387	-3.16E-01	16190098	16190221	NC_000017.10
cg05339037	1.40E-29	2.88E-32	-1.43E+01	62.6305222	-2.77E-01	13951168	13951291	NC_000019.9
cg27428856	1.42E-29	2.93E-32	-1.43E+01	62.6133767	-1.16E-01	111927480	111927603	NC_000006.11
cg06827256	1.42E-29	2.93E-32	-1.43E+01	62.6131706	-3.31E-01	226311603	226311726	NC_000001.10
cg06112171	1.46E-29	3.01E-32	-1.43E+01	62.5881253	-3.02E-01	40324498	40324621	NC_000006.11
cg22658229	1.48E-29	3.07E-32	-1.43E+01	62.5689345	-1.07E-01	41496184	41496307	NC_000013.10
cg17837069	1.52E-29	3.16E-32	-1.43E+01	62.5380269	-2.36E-01	30138588	30138711	NC_000010.10
cg07607355	1.57E-29	3.27E-32	-1.43E+01	62.5046273	-1.61E-01	30196400	30196523	NC_000020.10
cg03163545	1.57E-29	3.27E-32	-1.43E+01	62.5043718	-3.01E-01	1593415	1593538	NC_000016.9
cg21672292	1.72E-29	3.60E-32	-1.43E+01	62.4096151	-2.81E-01	145025128	145025251	NC_000008.10
cg27093918	1.75E-29	3.67E-32	-1.43E+01	62.3892696	-2.70E-01	69564625	69564748	NC_000016.9

cg04749549	1.76E-29	3.69E-32	-1.43E+01	62.3841871	-1.74E-01	17459798	17459921	NC_000019.9
cg21764708	1.76E-29	3.71E-32	-1.43E+01	62.3807612	-3.06E-01	151493629	151493752	NC_000007.13
cg17233819	1.77E-29	3.72E-32	-1.43E+01	62.3775494	-2.62E-01	45266782	45266905	NC_000001.10
cg03317505	1.78E-29	3.75E-32	-1.43E+01	62.3684609	-2.64E-01	138861832	138861955	NC_000005.9
cg05675514	1.80E-29	3.81E-32	-1.43E+01	62.3524396	-2.97E-01	22026015	22026138	NC_000006.11
cg14509535	1.82E-29	3.85E-32	-1.43E+01	62.3427371	-1.06E-01	65670832	65670955	NC_000011.9
cg15187223	1.93E-29	4.09E-32	-1.43E+01	62.2817571	-4.11E-01	114770074	114770197	NC_000013.10
cg06358442	1.97E-29	4.19E-32	-1.43E+01	62.2578646	-7.92E-02	33239202	33239325	NC_000006.11
cg06946797	1.98E-29	4.22E-32	-1.43E+01	62.2509782	-3.41E-01	11422409	11422532	NC_000016.9
cg22752023	2.01E-29	4.29E-32	-1.43E+01	62.2355038	-1.91E-01	100174935	100175058	NC_000010.10
cg21314318	2.05E-29	4.39E-32	-1.43E+01	62.2126778	-3.02E-01	100651510	100651633	NC_000015.9
cg09288894	2.05E-29	4.39E-32	-1.43E+01	62.2119949	-2.17E-01	12894309	12894432	NC_000019.9
cg11146034	2.06E-29	4.41E-32	-1.43E+01	62.2084569	-3.01E-01	96590670	96590793	NC_000012.11
cg19352830	2.07E-29	4.44E-32	-1.43E+01	62.2016703	-2.46E-01	141599356	141599479	NC_000008.10
cg11116086	2.08E-29	4.47E-32	-1.43E+01	62.1933617	-3.58E-01	32943612	32943735	NC_000015.9
cg19672546	2.09E-29	4.50E-32	-1.43E+01	62.1870381	-2.55E-01	145025123	145025246	NC_000008.10
cg04810745	2.14E-29	4.60E-32	-1.43E+01	62.1655359	-3.36E-01	189064557	189064680	NC_000002.11
cg25872744	2.14E-29	4.62E-32	-1.43E+01	62.1613891	-9.85E-02	85566296	85566419	NC_000011.9
cg01676182	2.35E-29	5.08E-32	-1.42E+01	62.0662703	-1.31E-01	20139875	20139998	NC_000018.9
cg05088820	2.38E-29	5.15E-32	-1.42E+01	62.0538632	-3.57E-01	9375605	9375728	NC_000002.11
cg03076094	2.51E-29	5.43E-32	-1.42E+01	62.0004669	-2.27E-01	4357346	4357469	NC_000016.9
cg23963984	2.70E-29	5.91E-32	-1.42E+01	61.9170264	-2.07E-01	79659038	79659161	NC_000010.10
cg05514299	2.74E-29	6.01E-32	-1.42E+01	61.9001282	-3.35E-01	74868670	74868793	NC_000017.10
cg10503655	2.76E-29	6.07E-32	-1.42E+01	61.8906532	-1.91E-01	45443689	45443812	NC_000020.10
cg03869928	2.77E-29	6.09E-32	-1.42E+01	61.8859321	-1.55E-01	8818142	8818265	NC_000002.11

cg07771539	2.81E-29	6.20E-32	-1.42E+01	61.8686411	-1.30E-01	99957225	99957348	NC_000008.10
cg26503877	2.81E-29	6.20E-32	-1.42E+01	61.8681067	-2.33E-01	128391429	128391552	NC_000011.9
cg23408558	2.86E-29	6.32E-32	-1.42E+01	61.8495258	-3.19E-01	56679194	56679317	NC_000005.9
cg27312979	2.87E-29	6.35E-32	-1.42E+01	61.845252	-2.51E-01	97094453	97094576	NC_000010.10
cg12624792	2.88E-29	6.39E-32	-1.42E+01	61.8380903	-1.24E-01	38714001	38714124	NC_000022.10
cg10328047	2.88E-29	6.40E-32	-1.42E+01	61.8376368	-2.31E-01	145024774	145024897	NC_000008.10
cg18633230	2.88E-29	6.40E-32	-1.42E+01	61.836872	-2.80E-01	151425104	151425227	NC_000007.13
cg16477879	2.98E-29	6.62E-32	-1.42E+01	61.8030734	-3.33E-01	239348171	239348294	NC_000002.11
cg26650359	2.99E-29	6.66E-32	-1.42E+01	61.7970677	-2.93E-01	57674183	57674306	NC_000012.11
cg12094892	3.11E-29	6.94E-32	-1.42E+01	61.7561204	-2.10E-01	77591038	77591161	NC_000014.8
cg07248223	3.25E-29	7.27E-32	-1.42E+01	61.710987	-3.58E-01	38717275	38717398	NC_000017.10
cg20061378	3.30E-29	7.37E-32	-1.42E+01	61.6963059	-2.41E-01	1791585	1791708	NC_000004.11
cg14995562	3.33E-29	7.46E-32	-1.42E+01	61.6847782	-1.46E-01	38714166	38714289	NC_000022.10
cg06688396	3.36E-29	7.52E-32	-1.42E+01	61.676481	-1.27E-01	92053433	92053556	NC_000008.10
cg27539986	3.39E-29	7.60E-32	-1.42E+01	61.6660291	-2.00E-01	6664103	6664226	NC_000001.10
cg15763670	3.41E-29	7.65E-32	-1.42E+01	61.6600134	-2.33E-01	73473235	73473358	NC_000010.10
cg20636248	3.47E-29	7.81E-32	-1.42E+01	61.6396339	-3.29E-01	121439845	121439968	NC_000010.10
cg01784327	3.61E-29	8.16E-32	-1.42E+01	61.5959977	-2.11E-01	1166755	1166878	NC_000004.11
cg20300175	3.62E-29	8.18E-32	-1.42E+01	61.5934156	-2.29E-01	27918316	27918439	NC_000017.10
cg18860310	3.64E-29	8.25E-32	-1.42E+01	61.5848353	-2.61E-01	87752504	87752627	NC_000004.11
cg13454226	3.67E-29	8.33E-32	-1.42E+01	61.5747226	-3.87E-01	3823758	3823881	NC_000010.10
cg08397758	3.82E-29	8.70E-32	-1.42E+01	61.5314009	-2.18E-01	100174853	100174976	NC_000010.10
cg23633330	3.83E-29	8.74E-32	-1.42E+01	61.5278455	-2.08E-01	207510679	207510802	NC_000001.10
cg15420926	3.97E-29	9.07E-32	-1.42E+01	61.4902521	-2.17E-01	132929147	132929270	NC_000008.10
cg03624316	3.97E-29	9.08E-32	-1.42E+01	61.4895271	-3.01E-01	53693054	53693177	NC_000012.11

cg03884082	3.97E-29	9.08E-32	-1.42E+01	61.4889865	-1.39E-01	19971709	19971832	NC_000001.10
cg25423416	3.97E-29	9.09E-32	-1.42E+01	61.4879648	-1.62E-01	46934860	46934983	NC_000022.10
cg14731462	4.02E-29	9.22E-32	-1.42E+01	61.4745913	-3.96E-01	129789429	129789552	NC_000010.10
cg08975803	4.31E-29	9.93E-32	-1.41E+01	61.4004594	-1.59E-01	52626818	52626941	NC_000012.11
cg26775866	4.41E-29	1.02E-31	-1.41E+01	61.3743497	-2.32E-01	159849193	159849316	NC_000005.9
cg01238435	4.46E-29	1.03E-31	-1.41E+01	61.3630113	-3.59E-01	141595696	141595819	NC_000005.9
cg26940518	4.61E-29	1.07E-31	-1.41E+01	61.3241185	-2.00E-01	1593766	1593889	NC_000016.9
cg01928076	4.67E-29	1.09E-31	-1.41E+01	61.3094669	-1.99E-01	77818356	77818479	NC_000017.10
cg24166450	4.74E-29	1.10E-31	-1.41E+01	61.2941985	-1.71E-01	74248466	74248589	NC_000017.10
cg04147642	4.78E-29	1.12E-31	-1.41E+01	61.2834081	-2.09E-01	32054659	32054782	NC_000006.11
cg14462645	4.81E-29	1.13E-31	-1.41E+01	61.2746736	-1.85E-01	52226698	52226821	NC_000006.11
cg06457736	4.86E-29	1.14E-31	-1.41E+01	61.2631525	-3.81E-01	11178683	11178806	NC_000003.11
cg26392367	4.86E-29	1.14E-31	-1.41E+01	61.2630613	-2.87E-01	17566891	17567014	NC_000017.10
cg00927231	4.94E-29	1.16E-31	-1.41E+01	61.2468784	-1.13E-01	4357579	4357702	NC_000016.9
cg17441401	5.03E-29	1.18E-31	-1.41E+01	61.2258594	-3.56E-01	53794150	53794273	NC_000001.10
cg26781466	5.04E-29	1.19E-31	-1.41E+01	61.2229823	-2.28E-01	10521612	10521735	NC_000006.11
cg17272838	5.13E-29	1.21E-31	-1.41E+01	61.2025198	-3.06E-01	152597659	152597782	NC_000004.11
cg08622198	5.45E-29	1.29E-31	-1.41E+01	61.1404539	-3.38E-01	239979505	239979628	NC_000001.10
cg19714737	5.46E-29	1.29E-31	-1.41E+01	61.138943	-3.23E-01	94880976	94881099	NC_000011.9
cg07902749	5.49E-29	1.30E-31	-1.41E+01	61.1323783	-2.17E-01	37813553	37813676	NC_000002.11
cg26165146	5.50E-29	1.30E-31	-1.41E+01	61.1290306	-3.37E-01	27484656	27484779	NC_000012.11
cg07243202	5.60E-29	1.33E-31	-1.41E+01	61.1089328	-2.87E-01	134315520	134315643	NC_000008.10
cg21452188	6.02E-29	1.44E-31	-1.41E+01	61.0339232	-3.02E-01	156095914	156096037	NC_000001.10
cg09939948	6.32E-29	1.51E-31	-1.41E+01	60.9848486	-1.73E-01	90548043	90548166	NC_000015.9
cg16271600	6.55E-29	1.57E-31	-1.41E+01	60.9470661	-1.76E-01	23450522	23450645	NC_000014.8



cg05711474	6.58E-29	1.58E-31	-1.41E+01	60.9404555	-1.67E-01	57937462	57937585	NC_000003.11
cg22786667	6.66E-29	1.60E-31	-1.41E+01	60.9288053	-2.94E-01	47641179	47641302	NC_000007.13
cg06470626	6.70E-29	1.61E-31	-1.41E+01	60.9211385	-2.26E-01	22364961	22365084	NC_000016.9
cg15601264	6.81E-29	1.64E-31	-1.41E+01	60.9039545	-2.99E-01	54864697	54864820	NC_000017.10
cg19358397	6.87E-29	1.65E-31	-1.41E+01	60.8931071	-2.13E-01	1794018	1794141	NC_000011.9
cg11484353	7.11E-29	1.72E-31	-1.41E+01	60.8558471	-1.54E-01	39958249	39958372	NC_000020.10
cg25250968	7.27E-29	1.76E-31	-1.41E+01	60.8320278	-3.14E-01	11318770	11318893	NC_000006.11
cg16608018	7.45E-29	1.80E-31	-1.41E+01	60.8063652	-1.26E-01	122739544	122739667	NC_000010.10
cg17260706	7.46E-29	1.81E-31	-1.41E+01	60.8042866	-2.24E-01	118782879	118783002	NC_000011.9
cg06361405	7.65E-29	1.86E-31	-1.41E+01	60.7777607	-2.34E-01	104434010	104434133	NC_000010.10
cg14204586	7.74E-29	1.88E-31	-1.41E+01	60.765133	-2.66E-01	155931858	155931981	NC_000001.10
cg12711760	7.85E-29	1.91E-31	-1.40E+01	60.749341	-1.79E-01	20132923	20133046	NC_000011.9
cg14140379	7.94E-29	1.94E-31	-1.40E+01	60.7365558	-3.14E-01	6695380	6695503	NC_000004.11
cg07134230	8.03E-29	1.96E-31	-1.40E+01	60.7247997	-1.66E-01	156631248	156631371	NC_000001.10
cg04916810	8.69E-29	2.12E-31	-1.40E+01	60.6454672	-1.27E-01	19733614	19733737	NC_000011.9
cg15626828	8.74E-29	2.14E-31	-1.40E+01	60.6386664	-1.70E-01	198651141	198651264	NC_000001.10
cg13414270	8.74E-29	2.14E-31	-1.40E+01	60.6376261	-3.09E-01	45465395	45465518	NC_000002.11
cg25969122	8.75E-29	2.14E-31	-1.40E+01	60.6347718	-3.18E-01	119630362	119630485	NC_000011.9
cg18041642	8.81E-29	2.16E-31	-1.40E+01	60.6258968	-2.90E-01	62062565	62062688	NC_000017.10
cg13985234	9.00E-29	2.21E-31	-1.40E+01	60.6041007	-2.97E-01	138582143	138582266	NC_000005.9
cg16978398	9.09E-29	2.24E-31	-1.40E+01	60.5934658	-2.84E-01	98047885	98048008	NC_000007.13
cg02816525	9.19E-29	2.26E-31	-1.40E+01	60.5814863	-3.80E-01	59024033	59024156	NC_000015.9
cg13314965	9.42E-29	2.32E-31	-1.40E+01	60.5551394	-2.54E-01	196065506	196065629	NC_000003.11
cg02538248	9.83E-29	2.43E-31	-1.40E+01	60.5107283	-2.37E-01	75045643	75045766	NC_000016.9
cg12284769	9.96E-29	2.46E-31	-1.40E+01	60.4968149	-2.58E-01	125259369	125259492	NC_000012.11

cg07277549	1.02E-28	2.53E-31	-1.40E+01	60.4706731	-2.81E-01	30509141	30509264	NC_000007.13
cg18289141	1.06E-28	2.62E-31	-1.40E+01	60.4364167	-2.52E-01	30182218	30182341	NC_000001.10
cg12614090	1.11E-28	2.75E-31	-1.40E+01	60.3878611	-1.29E-01	116444240	116444363	NC_000010.10
cg10009157	1.12E-28	2.80E-31	-1.40E+01	60.3704972	-1.28E-01	66025586	66025709	NC_000003.11
cg23201812	1.13E-28	2.83E-31	-1.40E+01	60.3597792	-3.00E-01	34771918	34772041	NC_000011.9
cg13447080	1.17E-28	2.92E-31	-1.40E+01	60.3278043	-3.21E-01	131054408	131054531	NC_000008.10
cg18700940	1.17E-28	2.92E-31	-1.40E+01	60.3263672	-2.33E-01	43371099	43371222	NC_000017.10
cg21430685	1.17E-28	2.93E-31	-1.40E+01	60.3231082	-3.58E-01	29387008	29387131	NC_000008.10
cg13389508	1.18E-28	2.95E-31	-1.40E+01	60.3182321	-2.35E-01	145012644	145012767	NC_000008.10
cg04403415	1.20E-28	3.00E-31	-1.40E+01	60.3023128	-2.81E-01	124991087	124991210	NC_000012.11
cg19930352	1.20E-28	3.01E-31	-1.40E+01	60.2984715	-2.73E-01	152009772	152009895	NC_000001.10
cg17411016	1.20E-28	3.02E-31	-1.40E+01	60.2941597	-2.57E-01	47100912	47101035	NC_000002.11
cg24354933	1.25E-28	3.15E-31	-1.40E+01	60.2530248	-1.70E-01	14049294	14049417	NC_000019.9
cg02641539	1.25E-28	3.16E-31	-1.40E+01	60.2493811	-2.62E-01	105351190	105351313	NC_000008.10
cg20917083	1.26E-28	3.17E-31	-1.40E+01	60.2452748	-2.21E-01	15114233	15114356	NC_000012.11
cg21837069	1.26E-28	3.18E-31	-1.40E+01	60.24336	-2.76E-01	1369466	1369589	NC_000001.10
cg07904452	1.26E-28	3.18E-31	-1.40E+01	60.2422485	-2.68E-01	22892738	22892861	NC_000006.11
cg02244288	1.30E-28	3.29E-31	-1.40E+01	60.2102684	-2.15E-01	89573955	89574078	NC_000016.9
cg17826428	1.31E-28	3.32E-31	-1.40E+01	60.1999226	-2.25E-01	180336487	180336610	NC_000005.9
cg13784855	1.31E-28	3.33E-31	-1.40E+01	60.1969453	-1.81E-01	128806938	128807061	NC_000008.10
cg22362636	1.32E-28	3.37E-31	-1.40E+01	60.1853579	-1.86E-01	2758447	2758570	NC_000004.11
cg11152384	1.35E-28	3.43E-31	-1.40E+01	60.1681779	-3.32E-01	68934300	68934423	NC_000011.9
cg09624855	1.36E-28	3.46E-31	-1.40E+01	60.1585144	-2.64E-01	85038123	85038246	NC_000016.9
cg04108570	1.36E-28	3.47E-31	-1.40E+01	60.1550557	-1.21E-01	9143163	9143286	NC_000002.11
cg07373723	1.39E-28	3.55E-31	-1.40E+01	60.1344015	-3.61E-01	110838461	110838584	NC_000007.13

cg02059176	1.45E-28	3.71E-31	-1.40E+01	60.0884498	-3.43E-01	44327637	44327760	NC_000002.11
cg25711003	1.46E-28	3.75E-31	-1.40E+01	60.079924	-2.34E-01	111522050	111522173	NC_000003.11
cg12996903	1.48E-28	3.82E-31	-1.40E+01	60.0604185	-2.06E-01	50275575	50275698	NC_000003.11
cg27027375	1.49E-28	3.83E-31	-1.39E+01	60.0569218	-2.99E-01	6695319	6695442	NC_000004.11
cg14541915	1.51E-28	3.91E-31	-1.39E+01	60.038341	-1.92E-01	65894463	65894586	NC_000011.9
cg24713529	1.54E-28	3.98E-31	-1.39E+01	60.020103	-1.96E-01	50965126	50965249	NC_000022.10
cg26388816	1.55E-28	4.02E-31	-1.39E+01	60.0092054	-1.90E-01	570155	570278	NC_000012.11
cg05147714	1.57E-28	4.07E-31	-1.39E+01	59.9973057	-1.77E-01	73239682	73239805	NC_000011.9
cg16409012	1.57E-28	4.08E-31	-1.39E+01	59.9945675	-3.10E-01	13024987	13025110	NC_000002.11
cg19263548	1.70E-28	4.42E-31	-1.39E+01	59.9163838	-2.62E-01	12609616	12609739	NC_000001.10
cg14943135	1.73E-28	4.52E-31	-1.39E+01	59.8932092	-3.25E-01	168558115	168558238	NC_000006.11
cg13790353	1.76E-28	4.59E-31	-1.39E+01	59.8783393	-2.58E-01	85565559	85565682	NC_000011.9
cg01324115	1.80E-28	4.70E-31	-1.39E+01	59.8549647	-1.12E-01	42722189	42722312	NC_000019.9
cg01511901	1.82E-28	4.76E-31	-1.39E+01	59.8415864	-2.96E-01	31004719	31004842	NC_000013.10
cg07967679	1.87E-28	4.90E-31	-1.39E+01	59.8132711	-2.04E-01	52626814	52626937	NC_000012.11
cg25296374	1.87E-28	4.92E-31	-1.39E+01	59.8097991	-2.13E-01	154691940	154692063	NC_000006.11
cg25015038	1.88E-28	4.95E-31	-1.39E+01	59.8036127	-2.63E-01	89604062	89604185	NC_000014.8
cg16799831	1.97E-28	5.20E-31	-1.39E+01	59.7548711	-2.40E-01	7468973	7469096	NC_000006.11
cg17994788	1.98E-28	5.22E-31	-1.39E+01	59.7498773	-2.78E-01	7261594	7261717	NC_000007.13
cg24218925	1.99E-28	5.26E-31	-1.39E+01	59.7427312	-1.07E-01	2578938	2579061	NC_000019.9
cg05307752	2.02E-28	5.34E-31	-1.39E+01	59.7274534	-2.89E-01	144462886	144463009	NC_000002.11
cg15063366	2.04E-28	5.39E-31	-1.39E+01	59.7178639	-1.98E-01	228683032	228683155	NC_000002.11
cg12280317	2.04E-28	5.41E-31	-1.39E+01	59.7152646	-2.69E-01	152008083	152008206	NC_000001.10
cg13471114	2.05E-28	5.43E-31	-1.39E+01	59.711102	-9.42E-02	63276984	63277107	NC_000002.11
cg00375457	2.10E-28	5.56E-31	-1.39E+01	59.6875555	-2.30E-01	5617273	5617396	NC_000011.9

cg24152264	2.14E-28	5.68E-31	-1.39E+01	59.6665807	-2.91E-01	232820610	232820733	NC_000001.10
cg02524099	2.20E-28	5.86E-31	-1.39E+01	59.6351082	-1.86E-01	1037816	1037939	NC_000004.11
cg20048529	2.22E-28	5.92E-31	-1.39E+01	59.6252532	-1.68E-01	98740022	98740145	NC_000007.13
cg22926842	2.29E-28	6.12E-31	-1.39E+01	59.5912522	-2.96E-01	42336869	42336992	NC_000022.10
cg07129104	2.29E-28	6.13E-31	-1.39E+01	59.5902024	-1.71E-01	2907517	2907640	NC_000016.9
cg01827726	2.31E-28	6.19E-31	-1.39E+01	59.5812744	-2.51E-01	2673408	2673531	NC_000007.13
cg09888026	2.37E-28	6.37E-31	-1.39E+01	59.5528577	-1.85E-01	79303434	79303557	NC_000017.10
cg27594683	2.45E-28	6.58E-31	-1.39E+01	59.5197939	-2.53E-01	7468945	7469068	NC_000006.11
cg17419597	2.45E-28	6.60E-31	-1.39E+01	59.5173301	-1.79E-01	156211529	156211652	NC_000001.10
cg25981998	2.48E-28	6.67E-31	-1.39E+01	59.5060192	-2.11E-01	30124248	30124371	NC_000006.11
cg01965939	2.55E-28	6.88E-31	-1.39E+01	59.4757392	-1.72E-01	148442694	148442817	NC_000005.9
cg03919488	2.55E-28	6.88E-31	-1.39E+01	59.4756761	-3.17E-01	63179691	63179814	NC_000012.11
cg00755546	2.57E-28	6.95E-31	-1.39E+01	59.4653569	-1.46E-01	19971792	19971915	NC_000001.10
cg08521995	2.60E-28	7.04E-31	-1.39E+01	59.4527028	-2.72E-01	41628237	41628360	NC_000008.10
cg27544190	2.68E-28	7.27E-31	-1.39E+01	59.4208039	-1.61E-01	33785434	33785557	NC_000021.8
cg22795331	2.68E-28	7.28E-31	-1.39E+01	59.4200667	-3.24E-01	117785611	117785734	NC_000006.11
cg04447128	2.68E-28	7.29E-31	-1.39E+01	59.4180325	-2.09E-01	74771998	74772121	NC_000016.9
cg21708130	2.80E-28	7.61E-31	-1.39E+01	59.3747759	-3.35E-01	238596537	238596660	NC_000002.11
cg14363981	3.11E-28	8.51E-31	-1.38E+01	59.2643434	-1.41E-01	107186561	107186684	NC_000013.10
cg23052220	3.12E-28	8.54E-31	-1.38E+01	59.2608612	-1.20E-01	32912081	32912204	NC_000017.10
cg12279294	3.12E-28	8.54E-31	-1.38E+01	59.2608612	-2.41E-01	96877300	96877423	NC_000015.9
cg17579770	3.14E-28	8.60E-31	-1.38E+01	59.2531663	-1.64E-01	60105965	60106088	NC_000013.10
cg09159285	3.21E-28	8.82E-31	-1.38E+01	59.2282947	-2.26E-01	6664134	6664257	NC_000001.10
cg02896318	3.26E-28	8.97E-31	-1.38E+01	59.2115608	-1.77E-01	1370775	1370898	NC_000001.10
cg04742550	3.28E-28	9.04E-31	-1.38E+01	59.2042251	-1.32E-01	31366429	31366552	NC_000016.9

cg06121808	3.30E-28	9.10E-31	-1.38E+01	59.1980223	-2.51E-01	113404678	113404801	NC_000002.11
cg23680451	3.46E-28	9.59E-31	-1.38E+01	59.1456971	-3.70E-01	3823790	3823913	NC_000010.10
cg15674825	3.49E-28	9.66E-31	-1.38E+01	59.1379929	-2.03E-01	150052349	150052472	NC_000005.9
cg18717167	3.63E-28	1.01E-30	-1.38E+01	59.0977797	-2.48E-01	80266962	80267085	NC_000017.10
cg22140866	3.70E-28	1.03E-30	-1.38E+01	59.0749017	-3.06E-01	59686676	59686799	NC_000013.10
cg04385934	3.74E-28	1.04E-30	-1.38E+01	59.0635669	-1.68E-01	99396621	99396744	NC_000015.9
cg11124260	3.74E-28	1.04E-30	-1.38E+01	59.0610189	-2.34E-01	79709078	79709201	NC_000010.10
cg11277126	3.90E-28	1.09E-30	-1.38E+01	59.0164593	-1.79E-01	33680945	33681068	NC_000020.10
cg08382534	4.09E-28	1.15E-30	-1.38E+01	58.9676403	-3.71E-01	84058601	84058724	NC_000016.9
cg18923740	4.13E-28	1.16E-30	-1.38E+01	58.9570783	-1.80E-01	19971790	19971913	NC_000001.10
cg16783186	4.13E-28	1.16E-30	-1.38E+01	58.9567158	-3.00E-01	30516374	30516497	NC_000002.11
cg17349632	4.14E-28	1.17E-30	-1.38E+01	58.9515333	-3.15E-01	131830544	131830667	NC_000007.13
cg11225090	4.15E-28	1.17E-30	-1.38E+01	58.9497966	-2.10E-01	185276573	185276696	NC_000004.11
cg02047051	4.26E-28	1.20E-30	-1.38E+01	58.9215794	-3.16E-01	12792283	12792406	NC_000003.11
cg11706635	4.30E-28	1.22E-30	-1.38E+01	58.9096313	-1.35E-01	103087723	103087846	NC_000007.13
cg19859193	4.33E-28	1.22E-30	-1.38E+01	58.9036405	-2.57E-01	79391616	79391739	NC_000017.10
cg14289469	4.36E-28	1.24E-30	-1.38E+01	58.8938761	-2.08E-01	103010887	103011010	NC_000014.8
cg24894531	4.38E-28	1.24E-30	-1.38E+01	58.8897402	-3.25E-01	137717665	137717788	NC_000003.11
cg26856257	4.41E-28	1.25E-30	-1.38E+01	58.8813229	-2.85E-01	32805350	32805473	NC_000001.10
cg23773252	4.53E-28	1.29E-30	-1.38E+01	58.8533184	-1.66E-01	99527224	99527347	NC_000007.13
cg09510077	4.58E-28	1.30E-30	-1.38E+01	58.8422113	-1.66E-01	68722976	68723099	NC_000011.9
cg01484686	4.64E-28	1.32E-30	-1.38E+01	58.8266857	-2.34E-01	106258629	106258752	NC_000006.11
cg05155319	4.66E-28	1.33E-30	-1.38E+01	58.8211797	-2.07E-01	109355164	109355287	NC_000004.11
cg01904393	4.71E-28	1.34E-30	-1.38E+01	58.809774	-1.94E-01	51815083	51815206	NC_000012.11
cg16755214	4.78E-28	1.36E-30	-1.38E+01	58.7946473	-2.94E-01	54720346	54720469	NC_000014.8

cg26680608	5.00E-28	1.43E-30	-1.38E+01	58.7485196	-3.81E-01	136915556	136915679	NC_000006.11
cg00778190	5.10E-28	1.46E-30	-1.38E+01	58.7274914	-3.08E-01	95068029	95068152	NC_000001.10
cg04335293	5.15E-28	1.48E-30	-1.38E+01	58.7161302	-1.90E-01	24713157	24713280	NC_000002.11
cg07805542	5.29E-28	1.52E-30	-1.38E+01	58.6893924	-3.33E-01	9779309	9779432	NC_000001.10
cg17457701	5.29E-28	1.52E-30	-1.38E+01	58.6873343	-2.17E-01	86313860	86313983	NC_000015.9
cg02052726	5.37E-28	1.54E-30	-1.38E+01	58.6717169	-1.87E-01	126180465	126180588	NC_000011.9
cg07756483	5.38E-28	1.55E-30	-1.38E+01	58.6680217	-2.38E-01	44281665	44281788	NC_000019.9
cg09680447	5.45E-28	1.57E-30	-1.37E+01	58.6556774	-1.79E-01	1037615	1037738	NC_000004.11
cg21026469	5.52E-28	1.59E-30	-1.37E+01	58.6416339	-2.33E-01	144820683	144820806	NC_000008.10
cg24607755	5.62E-28	1.62E-30	-1.37E+01	58.6225486	-1.44E-01	36171375	36171498	NC_000011.9
cg10487970	5.62E-28	1.62E-30	-1.37E+01	58.6221695	-1.10E-01	63277030	63277153	NC_000002.11
cg04468741	5.62E-28	1.63E-30	-1.37E+01	58.620995	-3.48E-01	12181467	12181590	NC_000011.9
cg23222604	5.68E-28	1.64E-30	-1.37E+01	58.6090656	-1.91E-01	125110933	125111056	NC_000012.11
cg16409409	5.77E-28	1.68E-30	-1.37E+01	58.5898743	-2.58E-01	200861597	200861720	NC_000001.10
cg00541683	5.77E-28	1.68E-30	-1.37E+01	58.5894277	-1.57E-01	32041933	32042056	NC_000001.10
cg07495389	5.89E-28	1.72E-30	-1.37E+01	58.5671347	-2.82E-01	27233872	27233995	NC_000002.11
cg06821992	5.92E-28	1.73E-30	-1.37E+01	58.56085	-2.52E-01	56790874	56790997	NC_000005.9
cg12885751	6.18E-28	1.80E-30	-1.37E+01	58.5168833	-2.29E-01	100085073	100085196	NC_000013.10
cg00301239	6.31E-28	1.84E-30	-1.37E+01	58.4960753	-1.83E-01	103801487	103801610	NC_000008.10
cg25233271	6.44E-28	1.88E-30	-1.37E+01	58.4740253	-2.89E-01	69068109	69068232	NC_000017.10
cg23866916	6.45E-28	1.89E-30	-1.37E+01	58.472095	-2.68E-01	1155738	1155861	NC_000019.9
cg18975416	6.64E-28	1.94E-30	-1.37E+01	58.4427276	-3.10E-01	25349562	25349685	NC_000001.10
cg23344780	6.78E-28	1.99E-30	-1.37E+01	58.4187524	-2.51E-01	48829487	48829610	NC_000019.9
cg08185345	7.00E-28	2.06E-30	-1.37E+01	58.3857109	-1.93E-01	155055102	155055225	NC_000001.10
cg07356549	7.08E-28	2.08E-30	-1.37E+01	58.3748174	-2.72E-01	212091686	212091809	NC_000001.10

cg23654821	7.16E-28	2.11E-30	-1.37E+01	58.3615267	-2.09E-01	39188656	39188779	NC_000003.11
cg05827190	7.21E-28	2.13E-30	-1.37E+01	58.3539259	-2.78E-01	681440	681563	NC_000004.11
cg09055236	7.28E-28	2.15E-30	-1.37E+01	58.3429251	-3.17E-01	2673197	2673320	NC_000007.13
cg24067911	7.46E-28	2.21E-30	-1.37E+01	58.3170833	-3.24E-01	16729610	16729733	NC_000006.11
cg07030727	7.46E-28	2.21E-30	-1.37E+01	58.3161396	-3.01E-01	85536594	85536717	NC_000002.11
cg11717881	7.56E-28	2.24E-30	-1.37E+01	58.3018058	-1.89E-01	44513921	44514044	NC_000001.10
cg02341503	7.56E-28	2.24E-30	-1.37E+01	58.3011247	-2.13E-01	45947123	45947246	NC_000020.10
cg19180828	7.65E-28	2.27E-30	-1.37E+01	58.2872983	-2.33E-01	6265220	6265343	NC_000001.10
cg15373928	7.91E-28	2.35E-30	-1.37E+01	58.2537289	-1.14E-01	184893413	184893536	NC_000003.11
cg11993160	8.07E-28	2.40E-30	-1.37E+01	58.2319899	-2.09E-01	12404041	12404164	NC_000018.9
cg16933922	8.12E-28	2.42E-30	-1.37E+01	58.2258801	-1.87E-01	126106614	126106737	NC_000010.10
cg14672154	8.12E-28	2.42E-30	-1.37E+01	58.2252582	-1.03E-01	107647121	107647244	NC_000003.11
cg24492058	8.25E-28	2.46E-30	-1.37E+01	58.2077441	-2.14E-01	12203751	12203874	NC_000001.10
cg18442362	8.25E-28	2.46E-30	-1.37E+01	58.2069917	-3.69E-01	44677772	44677895	NC_000007.13
cg02607544	8.46E-28	2.53E-30	-1.37E+01	58.180652	-2.89E-01	6649994	6650117	NC_000012.11
cg05695699	8.71E-28	2.61E-30	-1.37E+01	58.1503508	-2.70E-01	33235324	33235447	NC_000001.10
cg20918957	8.78E-28	2.63E-30	-1.37E+01	58.141337	-2.63E-01	50275112	50275235	NC_000003.11
cg07709148	8.78E-28	2.64E-30	-1.37E+01	58.1402438	-2.54E-01	29387238	29387361	NC_000008.10
cg16750801	9.06E-28	2.72E-30	-1.37E+01	58.107304	-1.15E-01	129706313	129706436	NC_000010.10
cg06354695	9.06E-28	2.72E-30	-1.37E+01	58.1072332	-2.99E-01	212643521	212643644	NC_000001.10
cg12700319	9.28E-28	2.80E-30	-1.37E+01	58.0816393	-2.06E-01	8272199	8272322	NC_000001.10
cg12109838	9.44E-28	2.85E-30	-1.37E+01	58.0636638	-3.24E-01	103996978	103997101	NC_000004.11
cg15523958	9.44E-28	2.85E-30	-1.37E+01	58.0630396	-1.20E-01	43864929	43865052	NC_000002.11
cg22270364	9.49E-28	2.87E-30	-1.37E+01	58.0560326	-2.86E-01	16178426	16178549	NC_000019.9
cg19391247	9.49E-28	2.87E-30	-1.37E+01	58.055985	-3.07E-01	2360385	2360508	NC_000020.10

cg19090437	9.50E-28	2.87E-30	-1.37E+01	58.054222	-3.00E-01	38080799	38080922	NC_000004.11
cg26314722	9.53E-28	2.89E-30	-1.37E+01	58.0497255	-2.55E-01	234867300	234867423	NC_000001.10
cg09287864	9.73E-28	2.95E-30	-1.37E+01	58.0284598	-3.54E-01	17274056	17274179	NC_000007.13
cg18166947	9.75E-28	2.96E-30	-1.37E+01	58.0259051	-2.02E-01	18189443	18189566	NC_000022.10
cg09291474	1.02E-27	3.09E-30	-1.37E+01	57.9822266	-2.22E-01	65223141	65223264	NC_000015.9
cg07267600	1.03E-27	3.15E-30	-1.37E+01	57.9630385	-2.62E-01	2750053	2750176	NC_000012.11
cg21860675	1.09E-27	3.33E-30	-1.36E+01	57.9062591	-3.35E-01	71586357	71586480	NC_000003.11
cg08589721	1.11E-27	3.37E-30	-1.36E+01	57.895049	-1.88E-01	1370722	1370845	NC_000001.10
cg06547285	1.16E-27	3.53E-30	-1.36E+01	57.8497192	-3.17E-01	47630263	47630386	NC_000012.11
cg24408469	1.19E-27	3.66E-30	-1.36E+01	57.8138801	-2.40E-01	46770440	46770563	NC_000022.10
cg03890877	1.20E-27	3.67E-30	-1.36E+01	57.812299	-1.81E-01	52272690	52272813	NC_000003.11
cg00044372	1.23E-27	3.77E-30	-1.36E+01	57.7831814	-3.33E-01	85070825	85070948	NC_000016.9
cg10708675	1.23E-27	3.80E-30	-1.36E+01	57.7770286	-1.31E-01	69760758	69760881	NC_000016.9
cg01350686	1.32E-27	4.08E-30	-1.36E+01	57.7055466	-1.52E-01	24439075	24439198	NC_000001.10
cg06866938	1.33E-27	4.11E-30	-1.36E+01	57.6975418	-1.42E-01	46934811	46934934	NC_000022.10
cg10142237	1.33E-27	4.12E-30	-1.36E+01	57.6956857	-2.23E-01	38714395	38714518	NC_000022.10
cg02917867	1.34E-27	4.15E-30	-1.36E+01	57.6882877	-2.02E-01	1265999	1266122	NC_000019.9
cg19017553	1.34E-27	4.15E-30	-1.36E+01	57.6875801	-2.69E-01	34817409	34817532	NC_000010.10
cg20117369	1.35E-27	4.20E-30	-1.36E+01	57.6778771	-1.51E-01	49061546	49061669	NC_000019.9
cg16046375	1.37E-27	4.25E-30	-1.36E+01	57.6660841	-1.91E-01	114881019	114881142	NC_000013.10
cg16704703	1.37E-27	4.26E-30	-1.36E+01	57.662261	-2.87E-01	3509710	3509833	NC_000010.10
cg24275730	1.38E-27	4.29E-30	-1.36E+01	57.6553681	-1.18E-01	98703108	98703231	NC_000002.11
cg06834637	1.39E-27	4.32E-30	-1.36E+01	57.649147	-2.38E-01	9017502	9017625	NC_000018.9
cg13712023	1.39E-27	4.33E-30	-1.36E+01	57.6462084	-2.31E-01	141060575	141060698	NC_000005.9
cg26829395	1.39E-27	4.35E-30	-1.36E+01	57.6412727	-2.63E-01	40217855	40217978	NC_000015.9



cg11033617	1.40E-27	4.38E-30	-1.36E+01	57.6343349	-2.14E-01	179562118	179562241	NC_000005.9
cg06278108	1.44E-27	4.52E-30	-1.36E+01	57.6043162	-2.10E-01	66274343	66274466	NC_000015.9
cg11597902	1.45E-27	4.55E-30	-1.36E+01	57.5968866	-3.38E-01	75096239	75096362	NC_000017.10
cg21965980	1.46E-27	4.59E-30	-1.36E+01	57.5890856	-2.58E-01	35614992	35615115	NC_000019.9
cg14854503	1.48E-27	4.66E-30	-1.36E+01	57.5738751	-3.32E-01	19540272	19540395	NC_000008.10
cg03742286	1.48E-27	4.67E-30	-1.36E+01	57.5718956	-1.21E-01	74725571	74725694	NC_000002.11
cg27116365	1.51E-27	4.75E-30	-1.36E+01	57.5538004	-1.80E-01	137827315	137827438	NC_000005.9
cg05168229	1.55E-27	4.89E-30	-1.36E+01	57.5256217	-2.11E-01	45390049	45390172	NC_000013.10
cg12060422	1.56E-27	4.93E-30	-1.36E+01	57.5180256	-3.31E-01	102821684	102821807	NC_000010.10
cg25097904	1.58E-27	4.99E-30	-1.36E+01	57.5057255	-7.39E-02	141736095	141736218	NC_000005.9
cg18325192	1.63E-27	5.15E-30	-1.36E+01	57.4737661	-2.95E-01	19540396	19540519	NC_000008.10
cg10349436	1.65E-27	5.22E-30	-1.36E+01	57.45996	-7.37E-02	106015079	106015202	NC_000002.11
cg06061240	1.65E-27	5.23E-30	-1.36E+01	57.4591606	-2.48E-01	51800535	51800658	NC_000001.10
cg12755421	1.66E-27	5.25E-30	-1.36E+01	57.4541119	-2.53E-01	6342214	6342337	NC_000011.9
cg01023203	1.67E-27	5.31E-30	-1.36E+01	57.4440064	-8.79E-02	181429233	181429356	NC_000003.11
cg26353296	1.74E-27	5.51E-30	-1.36E+01	57.4070487	-2.52E-01	49378124	49378247	NC_000003.11
cg21038682	1.80E-27	5.72E-30	-1.36E+01	57.3697431	-1.41E-01	62314820	62314943	NC_000011.9
cg10755077	1.80E-27	5.73E-30	-1.36E+01	57.3675694	-1.95E-01	75318882	75319005	NC_000017.10
cg24773560	1.82E-27	5.81E-30	-1.36E+01	57.3545852	-2.64E-01	56732723	56732846	NC_000012.11
cg15101245	1.82E-27	5.82E-30	-1.36E+01	57.3532866	-2.24E-01	156631242	156631365	NC_000001.10
cg16442312	1.85E-27	5.91E-30	-1.36E+01	57.3379657	-2.50E-01	174279907	174280030	NC_000002.11
cg17988310	1.92E-27	6.14E-30	-1.36E+01	57.2997702	-3.31E-01	40355732	40355855	NC_000022.10
cg03454663	1.99E-27	6.37E-30	-1.35E+01	57.2624685	-2.42E-01	156848265	156848388	NC_000003.11
cg05033369	1.99E-27	6.40E-30	-1.35E+01	57.2586802	-2.79E-01	161676469	161676592	NC_000001.10
cg21406967	2.01E-27	6.47E-30	-1.35E+01	57.2465458	-1.93E-01	100464553	100464676	NC_000007.13

cg08412188	2.05E-27	6.61E-30	-1.35E+01	57.2266996	-1.88E-01	74074356	74074479	NC_000007.13
cg18672030	2.08E-27	6.71E-30	-1.35E+01	57.2106784	-2.84E-01	37668528	37668651	NC_000004.11
cg07786675	2.10E-27	6.77E-30	-1.35E+01	57.2016294	-2.29E-01	27189985	27190108	NC_000001.10
cg03966751	2.13E-27	6.87E-30	-1.35E+01	57.1877653	-2.90E-01	48367746	48367869	NC_000017.10
cg20492922	2.18E-27	7.05E-30	-1.35E+01	57.1625651	-1.27E-01	39194066	39194189	NC_000001.10
cg07065220	2.20E-27	7.10E-30	-1.35E+01	57.1542132	-2.60E-01	193987540	193987663	NC_000003.11
cg26962618	2.20E-27	7.13E-30	-1.35E+01	57.150585	-3.16E-01	70767183	70767306	NC_000015.9
cg08550523	2.25E-27	7.29E-30	-1.35E+01	57.1281218	-3.57E-01	219047954	219048077	NC_000001.10
cg04560810	2.25E-27	7.31E-30	-1.35E+01	57.126252	-2.88E-01	138861847	138861970	NC_000005.9
cg05191397	2.27E-27	7.37E-30	-1.35E+01	57.1172697	-2.49E-01	5437001	5437124	NC_000007.13
cg13541713	2.27E-27	7.39E-30	-1.35E+01	57.1150253	-3.48E-01	119947251	119947374	NC_000004.11
cg08558323	2.27E-27	7.40E-30	-1.35E+01	57.1139051	-1.34E-01	43097370	43097493	NC_000006.11
cg24235518	2.28E-27	7.43E-30	-1.35E+01	57.1098144	-2.45E-01	61371425	61371548	NC_000020.10
cg23022574	2.28E-27	7.45E-30	-1.35E+01	57.107482	-1.36E-01	219866218	219866341	NC_000002.11
cg00792251	2.32E-27	7.56E-30	-1.35E+01	57.0924167	-3.05E-01	223888905	223889028	NC_000001.10
cg08035555	2.32E-27	7.57E-30	-1.35E+01	57.091144	-2.91E-01	3558417	3558540	NC_000019.9
cg10255237	2.34E-27	7.66E-30	-1.35E+01	57.0799418	-3.42E-01	90150622	90150745	NC_000012.11
cg20446824	2.34E-27	7.67E-30	-1.35E+01	57.0779966	-2.69E-01	125076771	125076894	NC_000012.11
cg21275690	2.37E-27	7.76E-30	-1.35E+01	57.0659686	-2.12E-01	3072970	3073093	NC_000016.9
cg19229692	2.39E-27	7.84E-30	-1.35E+01	57.0568709	-3.09E-01	131830279	131830402	NC_000007.13
cg12611448	2.44E-27	8.03E-30	-1.35E+01	57.0324133	-1.92E-01	185255217	185255340	NC_000003.11
cg17952468	2.45E-27	8.07E-30	-1.35E+01	57.0280365	-1.22E-01	57874942	57875065	NC_000020.10
cg07932199	2.49E-27	8.23E-30	-1.35E+01	57.0084458	-1.49E-01	112008034	112008157	NC_000012.11
cg19805223	2.55E-27	8.42E-30	-1.35E+01	56.9854758	-1.43E-01	25346191	25346314	NC_000022.10
cg14692854	2.60E-27	8.62E-30	-1.35E+01	56.961794	-1.96E-01	97198126	97198249	NC_000002.11

cg27454102	2.60E-27	8.64E-30	-1.35E+01	56.9599413	-2.63E-01	32428473	32428596	NC_000010.10
cg05190002	2.72E-27	9.03E-30	-1.35E+01	56.916167	-1.54E-01	219262192	219262315	NC_000002.11
cg02277965	2.75E-27	9.16E-30	-1.35E+01	56.9015245	-8.24E-02	39298824	39298947	NC_000012.11
cg19418318	2.77E-27	9.24E-30	-1.35E+01	56.8924039	-2.94E-01	17219073	17219196	NC_000019.9
cg23652182	2.78E-27	9.27E-30	-1.35E+01	56.8901423	-1.01E-01	180631604	180631727	NC_000005.9
cg12138695	2.78E-27	9.28E-30	-1.35E+01	56.8888938	-1.77E-01	149160934	149161057	NC_000003.11
cg12897164	2.78E-27	9.29E-30	-1.35E+01	56.8880407	-2.98E-01	124529273	124529396	NC_000008.10
cg24239690	2.81E-27	9.41E-30	-1.35E+01	56.874987	-1.32E-01	5635953	5636076	NC_000007.13
cg23687149	2.82E-27	9.44E-30	-1.35E+01	56.8715879	-1.26E-01	19739422	19739545	NC_000020.10
cg10064525	2.86E-27	9.58E-30	-1.35E+01	56.8573882	-2.52E-01	109262682	109262805	NC_000001.10
cg21282907	2.87E-27	9.63E-30	-1.35E+01	56.8513511	-2.51E-01	74289980	74290103	NC_000006.11
cg11606261	2.91E-27	9.78E-30	-1.35E+01	56.8369408	-3.35E-01	53775336	53775459	NC_000012.11
cg15202006	2.94E-27	9.91E-30	-1.35E+01	56.8235499	-1.82E-01	68658566	68658689	NC_000008.10
cg20945055	2.98E-27	1.00E-29	-1.35E+01	56.8094421	-2.91E-01	836474	836597	NC_000017.10
cg27185793	2.99E-27	1.01E-29	-1.35E+01	56.805787	-2.18E-01	1238797	1238920	NC_000001.10
cg09293816	3.01E-27	1.01E-29	-1.35E+01	56.79965	-2.95E-01	50015532	50015655	NC_000019.9
cg03944843	3.03E-27	1.02E-29	-1.35E+01	56.7914646	-2.10E-01	24307429	24307552	NC_000001.10
cg14187724	3.06E-27	1.04E-29	-1.35E+01	56.7793757	-1.71E-01	93799798	93799921	NC_000009.11
cg03003434	3.14E-27	1.06E-29	-1.35E+01	56.7546035	-3.74E-01	159141722	159141845	NC_000006.11
cg02922879	3.14E-27	1.06E-29	-1.35E+01	56.7522363	-2.40E-01	94270127	94270250	NC_000001.10
cg26894575	3.19E-27	1.08E-29	-1.35E+01	56.7349431	-1.41E-01	153518054	153518177	NC_000001.10
cg08105396	3.25E-27	1.10E-29	-1.35E+01	56.7156722	-2.55E-01	153539058	153539181	NC_000001.10
cg13936668	3.27E-27	1.11E-29	-1.35E+01	56.7091745	-2.05E-01	94954264	94954387	NC_000009.11
cg07589202	3.35E-27	1.14E-29	-1.35E+01	56.6859126	-2.79E-01	10081532	10081655	NC_000002.11
cg02468320	3.35E-27	1.14E-29	-1.35E+01	56.6834428	-2.97E-01	2404134	2404257	NC_000012.11

cg09166410	3.74E-27	1.28E-29	-1.35E+01	56.5702301	-2.79E-01	111989685	111989808	NC_000013.10
cg25738326	3.79E-27	1.29E-29	-1.34E+01	56.558486	-3.08E-01	75463903	75464026	NC_000015.9
cg21422700	3.83E-27	1.31E-29	-1.34E+01	56.5472475	-1.05E-01	201229247	201229370	NC_000001.10
cg24251035	3.85E-27	1.32E-29	-1.34E+01	56.5410122	-2.10E-01	138721065	138721188	NC_000007.13
cg11825899	3.89E-27	1.34E-29	-1.34E+01	56.5266484	-2.79E-01	35844849	35844972	NC_000009.11
cg26109145	3.89E-27	1.34E-29	-1.34E+01	56.5257127	-2.10E-01	79045877	79046000	NC_000017.10
cg00369658	4.21E-27	1.45E-29	-1.34E+01	56.4450143	-1.48E-01	57365088	57365211	NC_000011.9
cg22525688	4.27E-27	1.47E-29	-1.34E+01	56.4310993	-2.66E-01	74001908	74002031	NC_000007.13
cg03818307	4.36E-27	1.50E-29	-1.34E+01	56.4086686	-3.00E-01	150480534	150480657	NC_000001.10
cg12719844	4.38E-27	1.51E-29	-1.34E+01	56.4027849	-2.40E-01	131685278	131685401	NC_000008.10
cg04964062	4.42E-27	1.53E-29	-1.34E+01	56.3936189	-1.81E-01	23294242	23294365	NC_000014.8
cg23557926	4.42E-27	1.53E-29	-1.34E+01	56.3931985	-2.79E-01	196620963	196621086	NC_000001.10
cg11798406	4.50E-27	1.56E-29	-1.34E+01	56.3722793	-3.25E-01	40145361	40145484	NC_000021.8
cg02772509	4.54E-27	1.57E-29	-1.34E+01	56.3635382	-1.74E-01	212102812	212102935	NC_000001.10
cg02319868	4.58E-27	1.59E-29	-1.34E+01	56.3545498	-2.27E-01	94885861	94885984	NC_000013.10
cg03276422	4.58E-27	1.59E-29	-1.34E+01	56.3542585	-1.25E-01	80655668	80655791	NC_000017.10
cg23679769	4.80E-27	1.67E-29	-1.34E+01	56.3028544	-8.75E-02	156542017	156542140	NC_000001.10
cg16324121	4.80E-27	1.67E-29	-1.34E+01	56.3025253	-2.99E-01	9954273	9954396	NC_000003.11
cg10819238	4.90E-27	1.71E-29	-1.34E+01	56.2811507	-2.00E-01	1155184	1155307	NC_000019.9
cg06398236	4.95E-27	1.73E-29	-1.34E+01	56.2713367	-2.34E-01	100738139	100738262	NC_000004.11
cg07582825	4.99E-27	1.74E-29	-1.34E+01	56.2628175	-3.08E-01	152769889	152770012	NC_000003.11
cg14351425	4.99E-27	1.74E-29	-1.34E+01	56.2615217	-2.33E-01	120968739	120968862	NC_000010.10
cg23391288	5.09E-27	1.78E-29	-1.34E+01	56.2406958	-3.44E-01	49366203	49366326	NC_000013.10
cg02847588	5.13E-27	1.80E-29	-1.34E+01	56.2307854	-2.77E-01	8271997	8272120	NC_000001.10
cg15285733	5.24E-27	1.84E-29	-1.34E+01	56.2089245	-2.08E-01	10039537	10039660	NC_000017.10

cg12840818	5.24E-27	1.84E-29	-1.34E+01	56.2072262	-2.19E-01	64442979	64443102	NC_000011.9
cg08922729	5.29E-27	1.86E-29	-1.34E+01	56.1975786	-2.09E-01	21913557	21913680	NC_000001.10
cg19676285	5.45E-27	1.92E-29	-1.34E+01	56.1636198	-2.26E-01	7967275	7967398	NC_000004.11
cg17967818	5.59E-27	1.98E-29	-1.34E+01	56.1372365	-2.10E-01	7992543	7992666	NC_000006.11
cg04663932	5.67E-27	2.01E-29	-1.34E+01	56.1216075	-2.94E-01	73508618	73508741	NC_000007.13
cg10297561	5.85E-27	2.07E-29	-1.34E+01	56.0895212	-1.29E-01	49231655	49231778	NC_000008.10
cg05374451	5.86E-27	2.08E-29	-1.34E+01	56.0859264	-1.57E-01	79009761	79009884	NC_000017.10
cg05255994	5.86E-27	2.08E-29	-1.34E+01	56.0858832	-3.54E-01	139029435	139029558	NC_000003.11
cg17152989	6.11E-27	2.17E-29	-1.34E+01	56.0437037	-1.46E-01	99527070	99527193	NC_000007.13
cg15034300	6.19E-27	2.20E-29	-1.34E+01	56.030336	-2.91E-01	85134468	85134591	NC_000002.11
cg17086141	6.28E-27	2.23E-29	-1.34E+01	56.0149433	-1.89E-01	45608114	45608237	NC_000017.10
cg08548498	6.40E-27	2.28E-29	-1.34E+01	55.9929116	-2.56E-01	43883546	43883669	NC_000020.10
cg23881697	6.43E-27	2.30E-29	-1.34E+01	55.9879408	-2.05E-01	64622239	64622362	NC_000011.9
cg17568962	6.43E-27	2.30E-29	-1.34E+01	55.9858858	-2.11E-01	35456312	35456435	NC_000006.11
cg13292703	6.43E-27	2.30E-29	-1.34E+01	55.9855711	-2.49E-01	61371808	61371931	NC_000020.10
cg13148085	6.44E-27	2.30E-29	-1.34E+01	55.9844779	-1.33E-01	65242711	65242834	NC_000017.10
cg18081863	6.52E-27	2.34E-29	-1.34E+01	55.9704553	-2.82E-01	50015527	50015650	NC_000019.9
cg02632362	6.56E-27	2.35E-29	-1.34E+01	55.9636371	-3.01E-01	236557579	236557702	NC_000001.10
cg27657983	6.64E-27	2.38E-29	-1.34E+01	55.9512232	-2.40E-01	12183850	12183973	NC_000016.9
cg24003508	6.65E-27	2.39E-29	-1.34E+01	55.9490451	-2.82E-01	3824387	3824510	NC_000010.10
cg25336892	6.66E-27	2.39E-29	-1.34E+01	55.9473204	-3.05E-01	30887962	30888085	NC_000002.11
cg12966875	6.77E-27	2.44E-29	-1.34E+01	55.9288649	-2.61E-01	43883746	43883869	NC_000020.10
cg17283781	6.82E-27	2.46E-29	-1.34E+01	55.9208761	-1.27E-01	52226707	52226830	NC_000006.11
cg06879394	6.83E-27	2.46E-29	-1.34E+01	55.9194653	-3.23E-01	13274151	13274274	NC_000006.11
cg21766592	6.92E-27	2.50E-29	-1.34E+01	55.9048171	-1.88E-01	47288066	47288189	NC_000019.9

cg26489497	6.97E-27	2.52E-29	-1.34E+01	55.896357	-1.98E-01	28512017	28512140	NC_000016.9
cg25511807	6.97E-27	2.52E-29	-1.34E+01	55.8963235	-2.04E-01	102401438	102401561	NC_000011.9
cg25962699	7.01E-27	2.54E-29	-1.34E+01	55.8893004	-2.36E-01	170332444	170332567	NC_000003.11
cg01753788	7.15E-27	2.59E-29	-1.34E+01	55.8683005	-2.09E-01	145024929	145025052	NC_000008.10
cg16541026	7.34E-27	2.66E-29	-1.33E+01	55.8408304	-2.00E-01	49026934	49027057	NC_000003.11
cg11342821	7.35E-27	2.67E-29	-1.33E+01	55.8389301	-2.44E-01	91557617	91557740	NC_000001.10
cg03196381	7.38E-27	2.68E-29	-1.33E+01	55.8344333	-8.37E-02	101817977	101818100	NC_000015.9
cg00960147	7.40E-27	2.69E-29	-1.33E+01	55.8296599	-3.06E-01	117052153	117052276	NC_000001.10
cg20765408	7.56E-27	2.75E-29	-1.33E+01	55.8076309	-3.65E-01	25085669	25085792	NC_000013.10
cg10241809	7.63E-27	2.78E-29	-1.33E+01	55.7966584	-1.93E-01	80197360	80197483	NC_000017.10
cg05068848	7.63E-27	2.78E-29	-1.33E+01	55.7964344	-3.37E-01	23335733	23335856	NC_000004.11
cg26541218	7.69E-27	2.81E-29	-1.33E+01	55.7889079	-2.89E-01	47826387	47826510	NC_000007.13
cg11012153	7.73E-27	2.82E-29	-1.33E+01	55.7824396	-2.71E-01	62313737	62313860	NC_000020.10
cg22373770	7.84E-27	2.87E-29	-1.33E+01	55.7674682	-1.92E-01	9224198	9224321	NC_000001.10
cg02954562	8.02E-27	2.93E-29	-1.33E+01	55.7443693	-3.09E-01	6649806	6649929	NC_000012.11
cg16082877	8.16E-27	2.99E-29	-1.33E+01	55.7255279	-1.65E-01	103011332	103011455	NC_000014.8
cg17297305	8.17E-27	3.00E-29	-1.33E+01	55.7236557	-1.40E-01	185287148	185287271	NC_000001.10
cg18155888	8.26E-27	3.03E-29	-1.33E+01	55.7108911	-2.08E-01	2266591	2266714	NC_000001.10
cg24939196	8.33E-27	3.06E-29	-1.33E+01	55.7020207	-2.62E-01	169588809	169588932	NC_000006.11
cg06261066	8.47E-27	3.12E-29	-1.33E+01	55.6825638	-3.04E-01	2360396	2360519	NC_000020.10
cg27116114	8.75E-27	3.24E-29	-1.33E+01	55.645827	-2.89E-01	130450543	130450666	NC_000011.9
cg05603985	8.75E-27	3.24E-29	-1.33E+01	55.645489	-1.45E-01	2161049	2161172	NC_000001.10
cg15174393	8.75E-27	3.24E-29	-1.33E+01	55.6452762	-2.96E-01	125259081	125259204	NC_000012.11
cg01607932	8.80E-27	3.26E-29	-1.33E+01	55.6386552	-3.22E-01	5027597	5027720	NC_000003.11
cg17431739	8.84E-27	3.28E-29	-1.33E+01	55.6335524	-1.62E-01	23384047	23384170	NC_000010.10

cg03666309	9.01E-27	3.34E-29	-1.33E+01	55.6142003	-2.06E-01	39234827	39234950	NC_000019.9
cg25360181	9.13E-27	3.39E-29	-1.33E+01	55.5993194	-2.30E-01	43970084	43970207	NC_000006.11
cg07469815	9.33E-27	3.48E-29	-1.33E+01	55.5758246	-3.14E-01	174049232	174049355	NC_000002.11
cg11884030	9.37E-27	3.49E-29	-1.33E+01	55.5707795	-2.01E-01	4652822	4652945	NC_000007.13
cg18361815	9.40E-27	3.51E-29	-1.33E+01	55.567412	-2.49E-01	46671334	46671457	NC_000003.11
cg04055049	9.65E-27	3.60E-29	-1.33E+01	55.5402071	-7.25E-02	6321553	6321676	NC_000001.10
cg12738718	9.85E-27	3.68E-29	-1.33E+01	55.518165	-1.51E-01	32121204	32121327	NC_000006.11
cg11674355	1.00E-26	3.76E-29	-1.33E+01	55.4976949	-1.13E-01	65610261	65610384	NC_000002.11
cg04293307	1.01E-26	3.78E-29	-1.33E+01	55.4911156	-2.43E-01	63553581	63553704	NC_000017.10
cg10549088	1.02E-26	3.82E-29	-1.33E+01	55.4810385	-2.80E-01	64277154	64277277	NC_000003.11
cg07011538	1.03E-26	3.85E-29	-1.33E+01	55.4741488	-2.77E-01	47497026	47497149	NC_000002.11
cg05398036	1.04E-26	3.89E-29	-1.33E+01	55.4627549	-2.94E-01	186504948	186505071	NC_000001.10
cg05981038	1.04E-26	3.90E-29	-1.33E+01	55.4608838	-2.92E-01	40841590	40841713	NC_000005.9
cg13323489	1.04E-26	3.91E-29	-1.33E+01	55.4585012	-3.43E-01	193587780	193587903	NC_000003.11
cg10318368	1.09E-26	4.10E-29	-1.33E+01	55.4104797	-2.78E-01	232507774	232507897	NC_000002.11
cg16688437	1.10E-26	4.15E-29	-1.33E+01	55.3999925	-2.02E-01	208632990	208633113	NC_000002.11
cg20533982	1.10E-26	4.15E-29	-1.33E+01	55.3997014	-2.67E-01	158533927	158534050	NC_000007.13
cg14515996	1.11E-26	4.20E-29	-1.33E+01	55.3867136	-2.99E-01	12755396	12755519	NC_000007.13
cg08409642	1.12E-26	4.25E-29	-1.33E+01	55.3762062	-2.89E-01	56641373	56641496	NC_000016.9
cg23834013	1.15E-26	4.34E-29	-1.33E+01	55.3551783	-3.30E-01	138729073	138729196	NC_000007.13
cg25742745	1.15E-26	4.36E-29	-1.33E+01	55.3506228	-2.40E-01	30689865	30689988	NC_000006.11
cg07147364	1.16E-26	4.38E-29	-1.33E+01	55.3465616	-1.19E-01	19970256	19970379	NC_000001.10
cg25898192	1.16E-26	4.41E-29	-1.33E+01	55.3397798	-2.27E-01	33418895	33419018	NC_000015.9
cg11278749	1.17E-26	4.45E-29	-1.33E+01	55.3294537	-3.14E-01	127563986	127564109	NC_000005.9
cg24425149	1.19E-26	4.53E-29	-1.33E+01	55.3129953	-2.00E-01	75991251	75991374	NC_000013.10

cg23654401	1.19E-26	4.53E-29	-1.33E+01	55.3116487	-3.71E-01	55606442	55606565	NC_000007.13
cg18887186	1.19E-26	4.54E-29	-1.33E+01	55.3099677	-8.23E-02	12330332	12330455	NC_000003.11
cg15350627	1.21E-26	4.62E-29	-1.33E+01	55.2938917	-1.76E-01	6642201	6642324	NC_000012.11
cg09338148	1.22E-26	4.63E-29	-1.33E+01	55.2904152	-1.89E-01	87359116	87359239	NC_000016.9
cg00805193	1.22E-26	4.64E-29	-1.33E+01	55.2877321	-2.32E-01	62609362	62609485	NC_000020.10
cg18538668	1.23E-26	4.69E-29	-1.33E+01	55.2772472	-2.39E-01	103839038	103839161	NC_000014.8
cg26476820	1.24E-26	4.72E-29	-1.33E+01	55.2713674	-2.76E-01	85637851	85637974	NC_000002.11
cg11790673	1.26E-26	4.81E-29	-1.33E+01	55.253395	-1.94E-01	212845129	212845252	NC_000001.10
cg18781966	1.26E-26	4.81E-29	-1.33E+01	55.2520111	-2.11E-01	51523159	51523282	NC_000019.9
cg06613738	1.27E-26	4.86E-29	-1.33E+01	55.2427672	-3.30E-01	15596423	15596546	NC_000016.9
cg13606889	1.27E-26	4.86E-29	-1.33E+01	55.242345	-2.97E-01	121335457	121335580	NC_000011.9
cg22962883	1.29E-26	4.96E-29	-1.33E+01	55.2218404	-2.12E-01	114178729	114178852	NC_000011.9
cg17707274	1.29E-26	4.96E-29	-1.33E+01	55.2213657	-1.43E-01	102401523	102401646	NC_000011.9
cg27085869	1.30E-26	4.99E-29	-1.33E+01	55.2162391	-1.58E-01	72416202	72416325	NC_000005.9
cg15879316	1.31E-26	5.03E-29	-1.33E+01	55.2080578	-1.29E-01	46934089	46934212	NC_000022.10
cg00898920	1.31E-26	5.05E-29	-1.33E+01	55.2036415	-2.43E-01	241504756	241504879	NC_000002.11
cg07675334	1.35E-26	5.19E-29	-1.33E+01	55.1768872	-2.29E-01	29819451	29819574	NC_000016.9
cg11170179	1.36E-26	5.24E-29	-1.32E+01	55.166732	-2.16E-01	51522767	51522890	NC_000019.9
cg15534212	1.37E-26	5.28E-29	-1.32E+01	55.1594695	-2.61E-01	173209194	173209317	NC_000005.9
cg24910675	1.37E-26	5.30E-29	-1.32E+01	55.1562901	-2.26E-01	130616917	130617040	NC_000009.11
cg06712013	1.38E-26	5.32E-29	-1.32E+01	55.1534812	-3.72E-01	49759545	49759668	NC_000012.11
cg14663278	1.39E-26	5.39E-29	-1.32E+01	55.1401149	-1.94E-01	156211409	156211532	NC_000001.10
cg20561863	1.41E-26	5.47E-29	-1.32E+01	55.1242131	-2.83E-01	66905630	66905753	NC_000017.10
cg24680129	1.43E-26	5.57E-29	-1.32E+01	55.1076901	-2.15E-01	13318625	13318748	NC_000012.11
cg01441777	1.44E-26	5.58E-29	-1.32E+01	55.1048628	-2.10E-01	38714416	38714539	NC_000022.10



cg08928958	1.46E-26	5.66E-29	-1.32E+01	55.0911673	-2.20E-01	149178783	149178906	NC_000005.9
cg00498024	1.49E-26	5.80E-29	-1.32E+01	55.0671703	-2.12E-01	41934170	41934293	NC_000019.9
cg09410512	1.50E-26	5.83E-29	-1.32E+01	55.0621388	-3.07E-01	224564400	224564523	NC_000002.11
cg16959758	1.52E-26	5.90E-29	-1.32E+01	55.0490299	-2.27E-01	36796513	36796636	NC_000020.10
cg25028542	1.53E-26	5.96E-29	-1.32E+01	55.0398739	-1.61E-01	36429120	36429243	NC_000007.13
cg21158815	1.53E-26	6.00E-29	-1.32E+01	55.0333291	-2.56E-01	75988735	75988858	NC_000014.8
cg07883823	1.55E-26	6.08E-29	-1.32E+01	55.0202296	-1.49E-01	160769116	160769239	NC_000006.11
cg01303372	1.57E-26	6.16E-29	-1.32E+01	55.007549	-4.09E-01	121415189	121415312	NC_000010.10
cg13182599	1.58E-26	6.20E-29	-1.32E+01	55.0010872	-1.79E-01	69282992	69283115	NC_000014.8
cg01115857	1.58E-26	6.20E-29	-1.32E+01	55.0010066	-1.82E-01	73695018	73695141	NC_000014.8
cg04650676	1.60E-26	6.28E-29	-1.32E+01	54.9880413	-2.76E-01	75315486	75315609	NC_000017.10
cg14183184	1.60E-26	6.31E-29	-1.32E+01	54.983676	-9.30E-02	99740091	99740214	NC_000014.8
cg24595261	1.61E-26	6.34E-29	-1.32E+01	54.9775637	-8.85E-02	146864491	146864614	NC_000006.11
cg13249591	1.62E-26	6.38E-29	-1.32E+01	54.9711874	-1.72E-01	151966892	151967015	NC_000001.10
cg23274561	1.63E-26	6.44E-29	-1.32E+01	54.9630947	-2.41E-01	156084271	156084394	NC_000001.10
cg10097313	1.65E-26	6.54E-29	-1.32E+01	54.9480614	-2.66E-01	25591076	25591199	NC_000014.8
cg05368966	1.67E-26	6.60E-29	-1.32E+01	54.9376603	-2.06E-01	14392531	14392654	NC_000012.11
cg15339720	1.71E-26	6.78E-29	-1.32E+01	54.9111722	-1.77E-01	20425649	20425772	NC_000002.11
cg23962483	1.73E-26	6.85E-29	-1.32E+01	54.9014965	-1.84E-01	40420537	40420660	NC_000001.10
cg20266715	1.74E-26	6.89E-29	-1.32E+01	54.8952018	-3.09E-01	223888869	223888992	NC_000001.10
cg17001034	1.77E-26	7.04E-29	-1.32E+01	54.8743233	-2.12E-01	55008516	55008639	NC_000001.10
cg03029127	1.78E-26	7.06E-29	-1.32E+01	54.8716919	-1.26E-01	57770913	57771036	NC_000016.9
cg12798097	1.80E-26	7.17E-29	-1.32E+01	54.8562738	-1.65E-01	44034258	44034381	NC_000020.10
cg06487082	1.81E-26	7.21E-29	-1.32E+01	54.8508935	-3.01E-01	56530106	56530229	NC_000018.9
cg26089541	1.82E-26	7.24E-29	-1.32E+01	54.8456771	-2.15E-01	53264923	53265046	NC_000012.11

cg24996979	1.84E-26	7.34E-29	-1.32E+01	54.8320472	-2.65E-01	74223355	74223478	NC_000014.8
cg02229757	1.85E-26	7.38E-29	-1.32E+01	54.8274087	-2.73E-01	15685126	15685249	NC_000016.9
cg10861146	1.88E-26	7.52E-29	-1.32E+01	54.8091768	-9.80E-02	155099324	155099447	NC_000001.10
cg20651995	1.88E-26	7.52E-29	-1.32E+01	54.8082585	-2.19E-01	69525471	69525594	NC_000002.11
cg25677394	1.90E-26	7.58E-29	-1.32E+01	54.8003222	-2.69E-01	11178758	11178881	NC_000003.11
cg16542322	1.90E-26	7.58E-29	-1.32E+01	54.8000866	-2.26E-01	5617288	5617411	NC_000011.9
cg01081096	1.92E-26	7.67E-29	-1.32E+01	54.7882842	-2.16E-01	150721518	150721641	NC_000007.13
cg09817016	1.94E-26	7.79E-29	-1.32E+01	54.7738468	-2.38E-01	137690920	137691043	NC_000005.9
cg06578342	1.95E-26	7.81E-29	-1.32E+01	54.7706851	-2.05E-01	4349215	4349338	NC_000016.9
cg04563996	1.95E-26	7.86E-29	-1.32E+01	54.7646883	-2.68E-01	57093519	57093642	NC_000003.11
cg16532438	1.96E-26	7.90E-29	-1.32E+01	54.7594113	-1.72E-01	138861941	138862064	NC_000005.9
cg07082267	2.01E-26	8.11E-29	-1.32E+01	54.7338474	-1.92E-01	85429035	85429158	NC_000016.9
cg20161029	2.03E-26	8.18E-29	-1.32E+01	54.7244683	-1.11E-01	31377406	31377529	NC_000013.10
cg18257574	2.10E-26	8.51E-29	-1.32E+01	54.6852924	-2.09E-01	43358343	43358466	NC_000002.11
cg27092594	2.11E-26	8.54E-29	-1.32E+01	54.6824382	-2.81E-01	227517346	227517469	NC_000002.11
cg08900316	2.17E-26	8.80E-29	-1.32E+01	54.65171	-3.31E-01	46301083	46301206	NC_000002.11
cg02149069	2.19E-26	8.89E-29	-1.32E+01	54.6423201	-2.30E-01	6649733	6649856	NC_000012.11
cg17854066	2.21E-26	8.97E-29	-1.32E+01	54.6331119	-1.63E-01	55575932	55576055	NC_000004.11
cg23684410	2.22E-26	9.01E-29	-1.32E+01	54.6287464	-2.11E-01	116897558	116897681	NC_000011.9
cg08554554	2.22E-26	9.04E-29	-1.32E+01	54.6254676	-2.70E-01	62330618	62330741	NC_000020.10
cg03354616	2.25E-26	9.19E-29	-1.32E+01	54.6088762	-3.18E-01	80838251	80838374	NC_000006.11
cg15564590	2.28E-26	9.31E-29	-1.32E+01	54.5964605	-1.33E-01	1566950	1567073	NC_000019.9
cg00311883	2.30E-26	9.39E-29	-1.32E+01	54.5875002	-1.53E-01	235099120	235099243	NC_000001.10
cg08128577	2.31E-26	9.42E-29	-1.32E+01	54.5842436	-1.29E-01	27413459	27413582	NC_000016.9
cg12946808	2.33E-26	9.53E-29	-1.32E+01	54.5730764	-2.19E-01	115493909	115494032	NC_000011.9

cg25885803	2.34E-26	9.56E-29	-1.32E+01	54.5695204	-2.02E-01	47290281	47290404	NC_000011.9
cg02204046	2.35E-26	9.61E-29	-1.32E+01	54.5643861	-1.15E-01	16080760	16080883	NC_000002.11
cg20524128	2.35E-26	9.64E-29	-1.32E+01	54.5621529	-8.72E-02	77965982	77966105	NC_000017.10
cg06769377	2.35E-26	9.64E-29	-1.32E+01	54.561339	-1.30E-01	228350860	228350983	NC_000001.10
cg17290213	2.36E-26	9.68E-29	-1.32E+01	54.5579603	-2.72E-01	65344355	65344478	NC_000011.9
cg13850019	2.38E-26	9.78E-29	-1.32E+01	54.5475729	-1.17E-01	2245895	2246018	NC_000001.10
cg08162372	2.43E-26	1.00E-28	-1.32E+01	54.5250899	-7.02E-02	54422925	54423048	NC_000014.8
cg16989719	2.46E-26	1.01E-28	-1.32E+01	54.5137088	-2.97E-01	238392110	238392233	NC_000002.11
cg23323158	2.59E-26	1.07E-28	-1.31E+01	54.4597971	-2.51E-01	132720020	132720143	NC_000005.9
cg23016080	2.60E-26	1.07E-28	-1.31E+01	54.4555171	-1.14E-01	44486450	44486573	NC_000015.9
cg14191134	2.62E-26	1.08E-28	-1.31E+01	54.4455766	-1.82E-01	80734594	80734717	NC_000010.10
cg13652008	2.65E-26	1.10E-28	-1.31E+01	54.4346541	-2.75E-01	33359356	33359479	NC_000002.11
cg21213593	2.68E-26	1.11E-28	-1.31E+01	54.4200418	-3.08E-01	123985368	123985491	NC_000005.9
cg12551957	2.68E-26	1.11E-28	-1.31E+01	54.4192105	-1.84E-01	5535006	5535129	NC_000007.13
cg22417613	2.70E-26	1.12E-28	-1.31E+01	54.4134996	-2.93E-01	138560796	138560919	NC_000007.13
cg17143518	2.70E-26	1.12E-28	-1.31E+01	54.4129706	-1.91E-01	20716545	20716668	NC_000018.9
cg11147309	2.70E-26	1.12E-28	-1.31E+01	54.4124788	-1.90E-01	145011888	145012011	NC_000008.10
cg26180015	2.72E-26	1.13E-28	-1.31E+01	54.4031392	-1.64E-01	100219300	100219423	NC_000014.8
cg13413719	2.72E-26	1.13E-28	-1.31E+01	54.4018342	-3.40E-01	3592887	3593010	NC_000006.11
cg16736018	2.76E-26	1.15E-28	-1.31E+01	54.3851294	-2.46E-01	156661648	156661771	NC_000001.10
cg09745336	2.79E-26	1.16E-28	-1.31E+01	54.3762347	-1.35E-01	43970294	43970417	NC_000006.11
cg04719574	2.81E-26	1.17E-28	-1.31E+01	54.3671165	-2.55E-01	169758340	169758463	NC_000005.9
cg08719577	2.92E-26	1.22E-28	-1.31E+01	54.3265144	-7.54E-02	3528355	3528478	NC_000001.10
cg03097134	2.93E-26	1.22E-28	-1.31E+01	54.3242405	-2.94E-01	37598264	37598387	NC_000006.11
cg13300689	3.03E-26	1.27E-28	-1.31E+01	54.2870459	-2.42E-01	9826503	9826626	NC_000012.11

cg17165848	3.05E-26	1.28E-28	-1.31E+01	54.2814434	-2.51E-01	175462452	175462575	NC_000002.11
cg25636466	3.07E-26	1.29E-28	-1.31E+01	54.2735983	-2.28E-01	46652700	46652823	NC_000006.11
cg02666638	3.08E-26	1.29E-28	-1.31E+01	54.268808	-1.40E-01	40732804	40732927	NC_000019.9
cg14415844	3.10E-26	1.30E-28	-1.31E+01	54.2619905	-1.33E-01	91884659	91884782	NC_000014.8
cg08580187	3.11E-26	1.31E-28	-1.31E+01	54.2568685	-2.97E-01	84027871	84027994	NC_000016.9
cg16297271	3.26E-26	1.37E-28	-1.31E+01	54.2088984	-1.63E-01	94984308	94984431	NC_000014.8
cg08911152	3.30E-26	1.39E-28	-1.31E+01	54.1947814	-2.13E-01	134105078	134105201	NC_000008.10
cg26853371	3.32E-26	1.40E-28	-1.31E+01	54.1890681	-2.09E-01	1791567	1791690	NC_000004.11
cg13882345	3.33E-26	1.41E-28	-1.31E+01	54.1860627	-1.79E-01	134858189	134858312	NC_000010.10
cg08824847	3.39E-26	1.43E-28	-1.31E+01	54.1668123	-2.93E-01	35052388	35052511	NC_000011.9
cg19769080	3.44E-26	1.46E-28	-1.31E+01	54.1522411	-2.07E-01	44460827	44460950	NC_000002.11
cg11093142	3.49E-26	1.48E-28	-1.31E+01	54.1363307	-3.41E-01	49075016	49075139	NC_000013.10
cg07664000	3.52E-26	1.49E-28	-1.31E+01	54.1273534	-2.54E-01	28659293	28659416	NC_000017.10
cg06233202	3.54E-26	1.50E-28	-1.31E+01	54.1207914	-2.34E-01	64501134	64501257	NC_000002.11
cg26484813	3.55E-26	1.51E-28	-1.31E+01	54.1176742	-3.02E-01	62311573	62311696	NC_000011.9
cg24965479	3.62E-26	1.54E-28	-1.31E+01	54.096255	-3.44E-01	59216714	59216837	NC_000017.10
cg04697265	3.64E-26	1.55E-28	-1.31E+01	54.0899025	-2.05E-01	130683700	130683823	NC_000011.9
cg10616300	3.64E-26	1.55E-28	-1.31E+01	54.0890485	-1.02E-01	66138557	66138680	NC_000011.9
cg08443563	3.65E-26	1.56E-28	-1.31E+01	54.0862387	-3.30E-01	112456811	112456934	NC_000002.11
cg20175702	3.65E-26	1.56E-28	-1.31E+01	54.0849042	-3.57E-01	70053398	70053521	NC_000015.9
cg17243957	3.67E-26	1.57E-28	-1.31E+01	54.0797453	-2.00E-01	47152551	47152674	NC_000010.10
cg15331705	3.68E-26	1.57E-28	-1.31E+01	54.0763273	-2.64E-01	129180010	129180133	NC_000008.10
cg09225373	3.73E-26	1.59E-28	-1.31E+01	54.0612576	-1.74E-01	52217264	52217387	NC_000006.11
cg19131313	3.75E-26	1.60E-28	-1.31E+01	54.0557464	-1.91E-01	1704013	1704136	NC_000008.10
cg00966920	3.77E-26	1.61E-28	-1.31E+01	54.0511598	-2.20E-01	88185021	88185144	NC_000016.9

cg00602295	3.81E-26	1.63E-28	-1.31E+01	54.0386839	-2.93E-01	81328089	81328212	NC_000016.9
cg12126038	3.81E-26	1.63E-28	-1.31E+01	54.0384218	-2.64E-01	34966313	34966436	NC_000014.8
cg03150378	3.89E-26	1.67E-28	-1.31E+01	54.0182433	-2.30E-01	29196699	29196822	NC_000016.9
cg25488206	3.96E-26	1.70E-28	-1.31E+01	53.9973164	-1.10E-01	36236303	36236426	NC_000022.10
cg22728904	3.99E-26	1.71E-28	-1.31E+01	53.9895605	-2.31E-01	100433983	100434106	NC_000007.13
cg10649647	4.04E-26	1.74E-28	-1.31E+01	53.9770869	-9.40E-02	27719310	27719433	NC_000001.10
cg25378181	4.04E-26	1.74E-28	-1.31E+01	53.9753399	-2.38E-01	79391490	79391613	NC_000017.10
cg26048523	4.08E-26	1.76E-28	-1.31E+01	53.9647517	-1.32E-01	197183416	197183539	NC_000003.11
cg03082779	4.13E-26	1.78E-28	-1.31E+01	53.9520664	-2.06E-01	45947025	45947148	NC_000020.10
cg04271792	4.13E-26	1.78E-28	-1.31E+01	53.9516166	-1.20E-01	28831393	28831516	NC_000006.11
cg00583001	4.13E-26	1.78E-28	-1.31E+01	53.9511407	-1.18E-01	102093477	102093600	NC_000008.10
cg00502597	4.32E-26	1.87E-28	-1.31E+01	53.9037935	-2.61E-01	60197222	60197345	NC_000001.10
cg17683908	4.33E-26	1.87E-28	-1.31E+01	53.9013082	-1.86E-01	105614429	105614552	NC_000010.10
cg22378252	4.37E-26	1.89E-28	-1.31E+01	53.8911389	-2.33E-01	10521452	10521575	NC_000006.11
cg08481002	4.38E-26	1.90E-28	-1.31E+01	53.8874019	-2.01E-01	78131601	78131724	NC_000011.9
cg01708377	4.42E-26	1.92E-28	-1.31E+01	53.8787987	-3.20E-01	1686746	1686869	NC_000006.11
cg17490196	4.42E-26	1.92E-28	-1.31E+01	53.8777123	-2.99E-01	232507842	232507965	NC_000002.11
cg14283454	4.43E-26	1.92E-28	-1.31E+01	53.8753398	-2.33E-01	46449389	46449512	NC_000018.9
cg22043588	4.44E-26	1.93E-28	-1.31E+01	53.8717463	-1.55E-01	17565769	17565892	NC_000011.9
cg27318157	4.52E-26	1.96E-28	-1.31E+01	53.854422	-2.04E-01	54982896	54983019	NC_000019.9
cg13074866	4.59E-26	2.00E-28	-1.31E+01	53.8374412	-1.96E-01	232929753	232929876	NC_000001.10
cg18450254	4.62E-26	2.01E-28	-1.31E+01	53.8306987	-3.36E-01	64200005	64200128	NC_000003.11
cg21796547	4.66E-26	2.03E-28	-1.31E+01	53.8228565	-1.57E-01	73705457	73705580	NC_000014.8
cg12209075	4.69E-26	2.04E-28	-1.31E+01	53.8158089	-2.88E-01	6649896	6650019	NC_000012.11
cg01281040	4.78E-26	2.08E-28	-1.31E+01	53.7958013	-2.29E-01	6349545	6349668	NC_000005.9

cg08218971	4.86E-26	2.12E-28	-1.31E+01	53.7777229	-1.52E-01	29826754	29826877	NC_000016.9
cg10077672	4.91E-26	2.14E-28	-1.30E+01	53.7666393	-1.81E-01	42063028	42063151	NC_000022.10
cg03784611	4.96E-26	2.17E-28	-1.30E+01	53.7554539	-2.04E-01	196754501	196754624	NC_000003.11
cg17262810	4.97E-26	2.18E-28	-1.30E+01	53.7524575	-3.22E-01	35676874	35676997	NC_000010.10
cg13860281	5.10E-26	2.23E-28	-1.30E+01	53.7264084	-3.41E-01	55638724	55638847	NC_000007.13
cg09511190	5.16E-26	2.26E-28	-1.30E+01	53.7143188	-2.36E-01	33416862	33416985	NC_000017.10
cg06822193	5.20E-26	2.28E-28	-1.30E+01	53.7061775	-2.58E-01	78133639	78133762	NC_000015.9
cg09278098	5.34E-26	2.34E-28	-1.30E+01	53.6780435	-2.27E-01	84902512	84902635	NC_000012.11
cg02304930	5.34E-26	2.35E-28	-1.30E+01	53.6765955	-1.32E-01	210405566	210405689	NC_000001.10
cg05617798	5.37E-26	2.36E-28	-1.30E+01	53.6712167	-1.02E-01	8113714	8113837	NC_000017.10
cg00091044	5.43E-26	2.39E-28	-1.30E+01	53.658183	-2.02E-01	30689640	30689763	NC_000006.11
cg09740450	5.52E-26	2.44E-28	-1.30E+01	53.6394646	-1.95E-01	125223650	125223773	NC_000012.11
cg16565696	5.58E-26	2.47E-28	-1.30E+01	53.6275003	-2.79E-01	44834899	44835022	NC_000020.10
cg26719625	5.59E-26	2.47E-28	-1.30E+01	53.6260902	-2.99E-01	16322482	16322605	NC_000017.10
cg05548488	5.67E-26	2.51E-28	-1.30E+01	53.6118958	-1.95E-01	50658472	50658595	NC_000003.11
cg15033552	5.73E-26	2.53E-28	-1.30E+01	53.6005455	-3.41E-01	223889141	223889264	NC_000001.10
cg20297544	5.86E-26	2.60E-28	-1.30E+01	53.5769634	-2.62E-01	23076988	23077111	NC_000001.10
cg17319198	5.88E-26	2.60E-28	-1.30E+01	53.573943	-2.68E-01	36045615	36045738	NC_000011.9
cg08051231	5.98E-26	2.65E-28	-1.30E+01	53.556997	-9.51E-02	19422492	19422615	NC_000016.9
cg17473382	6.05E-26	2.68E-28	-1.30E+01	53.5436425	-6.91E-02	59489098	59489221	NC_000017.10
cg12363375	6.14E-26	2.73E-28	-1.30E+01	53.5279145	-1.43E-01	30196492	30196615	NC_000020.10
cg14549249	6.20E-26	2.76E-28	-1.30E+01	53.517392	-1.34E-01	3083541	3083664	NC_000007.13
cg23965720	6.26E-26	2.79E-28	-1.30E+01	53.5061857	-2.45E-01	235805770	235805893	NC_000001.10
cg09026722	6.29E-26	2.80E-28	-1.30E+01	53.5009308	-2.48E-01	156867080	156867203	NC_000001.10
cg25032991	6.36E-26	2.84E-28	-1.30E+01	53.4893362	-2.90E-01	159981152	159981275	NC_000002.11

cg22137772	6.37E-26	2.84E-28	-1.30E+01	53.4882127	-2.00E-01	150755800	150755923	NC_000003.11
cg05793406	6.40E-26	2.86E-28	-1.30E+01	53.4821321	-8.15E-02	172964134	172964257	NC_000002.11
cg26618903	6.44E-26	2.87E-28	-1.30E+01	53.4760067	-1.53E-01	100175079	100175202	NC_000010.10
cg22530293	6.47E-26	2.89E-28	-1.30E+01	53.4696253	-1.26E-01	2458418	2458541	NC_000001.10
cg06172950	6.53E-26	2.92E-28	-1.30E+01	53.4602909	-2.26E-01	46075084	46075207	NC_000013.10
cg22768487	6.53E-26	2.92E-28	-1.30E+01	53.4587679	-2.11E-01	46770253	46770376	NC_000022.10
cg13869942	6.68E-26	3.00E-28	-1.30E+01	53.4345049	-2.89E-01	151878061	151878184	NC_000001.10
cg06142351	6.76E-26	3.04E-28	-1.30E+01	53.4214454	-2.87E-01	8683945	8684068	NC_000002.11
cg26203572	6.80E-26	3.05E-28	-1.30E+01	53.4153215	-3.02E-01	47797675	47797798	NC_000007.13
cg14488466	6.83E-26	3.07E-28	-1.30E+01	53.411147	-2.27E-01	93823465	93823588	NC_000009.11
cg13008315	6.93E-26	3.12E-28	-1.30E+01	53.3957188	-1.33E-01	42785474	42785597	NC_000019.9
cg25181684	7.00E-26	3.15E-28	-1.30E+01	53.3839335	-2.67E-01	105456466	105456589	NC_000010.10
cg02486332	7.09E-26	3.19E-28	-1.30E+01	53.3713656	-2.09E-01	3446251	3446374	NC_000012.11
cg25343618	7.17E-26	3.24E-28	-1.30E+01	53.3576517	-2.65E-01	156631235	156631358	NC_000001.10
cg13518625	7.19E-26	3.25E-28	-1.30E+01	53.3543408	-1.35E-01	29522838	29522961	NC_000008.10
cg15771683	7.48E-26	3.38E-28	-1.30E+01	53.3144496	-2.12E-01	62697566	62697689	NC_000020.10
cg11465213	7.51E-26	3.40E-28	-1.30E+01	53.3093203	-3.17E-01	90880158	90880281	NC_000015.9
cg03471571	7.54E-26	3.42E-28	-1.30E+01	53.3042142	-9.30E-02	123357075	123357198	NC_000010.10
cg09704415	7.58E-26	3.44E-28	-1.30E+01	53.2985125	-1.73E-01	48937250	48937373	NC_000001.10
cg11999631	7.58E-26	3.44E-28	-1.30E+01	53.2976209	-1.18E-01	59490484	59490607	NC_000017.10
cg27526774	7.70E-26	3.49E-28	-1.30E+01	53.2815821	-1.80E-01	235099089	235099212	NC_000001.10
cg23679344	7.78E-26	3.54E-28	-1.30E+01	53.2697714	-3.55E-01	37560925	37561048	NC_000017.10
cg00118808	7.86E-26	3.58E-28	-1.30E+01	53.2575137	-1.90E-01	132097931	132098054	NC_000009.11
cg04452095	7.86E-26	3.58E-28	-1.30E+01	53.2569312	-2.36E-01	75315868	75315991	NC_000017.10
cg04284535	7.86E-26	3.59E-28	-1.30E+01	53.2551128	-1.53E-01	41624145	41624268	NC_000017.10

cg13828047	7.87E-26	3.59E-28	-1.30E+01	53.2533186	-2.38E-01	75182130	75182253	NC_000015.9
cg01055871	8.00E-26	3.65E-28	-1.30E+01	53.2368933	-9.55E-02	48216390	48216513	NC_000019.9
cg17980404	8.08E-26	3.70E-28	-1.30E+01	53.2256795	-3.21E-01	38601676	38601799	NC_000017.10
cg04788288	8.16E-26	3.73E-28	-1.30E+01	53.2154768	-7.90E-02	89631044	89631167	NC_000015.9
cg14377703	8.44E-26	3.87E-28	-1.30E+01	53.179664	-1.70E-01	19647973	19648096	NC_000017.10
cg20970886	8.44E-26	3.88E-28	-1.30E+01	53.1781192	-3.20E-01	192568714	192568837	NC_000003.11
cg06783197	8.48E-26	3.90E-28	-1.30E+01	53.1729822	-2.38E-01	105796964	105797087	NC_000014.8
cg08272572	8.59E-26	3.95E-28	-1.30E+01	53.1594472	-2.74E-01	35953646	35953769	NC_000019.9
cg17043722	8.60E-26	3.96E-28	-1.30E+01	53.1578233	-1.72E-01	211688462	211688585	NC_000001.10
cg16550264	8.75E-26	4.04E-28	-1.30E+01	53.1375395	-1.47E-01	115813214	115813337	NC_000012.11
cg22291084	8.93E-26	4.14E-28	-1.30E+01	53.1136331	-2.28E-01	355901	356024	NC_000011.9
cg25310700	8.99E-26	4.17E-28	-1.30E+01	53.1063294	-1.81E-01	5702083	5702206	NC_000010.10
cg02254554	9.00E-26	4.17E-28	-1.30E+01	53.1050342	-7.70E-02	54421393	54421516	NC_000014.8
cg23516451	9.06E-26	4.21E-28	-1.30E+01	53.0970049	-2.48E-01	38845028	38845151	NC_000005.9
cg11895451	9.19E-26	4.27E-28	-1.30E+01	53.0818679	-1.59E-01	16533891	16534014	NC_000001.10
cg04003903	9.25E-26	4.30E-28	-1.29E+01	53.0755699	-1.99E-01	8601549	8601672	NC_000004.11
cg03118626	9.29E-26	4.32E-28	-1.29E+01	53.0701101	-1.90E-01	51523252	51523375	NC_000019.9
cg09244071	9.44E-26	4.40E-28	-1.29E+01	53.0518161	-3.07E-01	101768746	101768869	NC_000007.13
cg13531596	9.75E-26	4.55E-28	-1.29E+01	53.0185082	-2.18E-01	39894559	39894682	NC_000019.9
cg25461508	1.00E-25	4.68E-28	-1.29E+01	52.9911715	-2.54E-01	176784715	176784838	NC_000005.9
cg27183818	1.01E-25	4.73E-28	-1.29E+01	52.9813106	-2.99E-01	85764021	85764144	NC_000001.10
cg08594606	1.02E-25	4.77E-28	-1.29E+01	52.9730672	-2.34E-01	78556512	78556635	NC_000015.9
cg06635351	1.02E-25	4.77E-28	-1.29E+01	52.972418	-2.21E-01	8882925	8883048	NC_000001.10
cg13432294	1.03E-25	4.83E-28	-1.29E+01	52.9589544	-2.20E-01	8937640	8937763	NC_000001.10
cg02274788	1.03E-25	4.86E-28	-1.29E+01	52.9537211	-1.49E-01	68232457	68232580	NC_000001.10



cg27314998	1.04E-25	4.86E-28	-1.29E+01	52.9529631	-1.56E-01	30720246	30720369	NC_000004.11
cg18470815	1.04E-25	4.90E-28	-1.29E+01	52.9445555	-1.69E-01	96900643	96900766	NC_000015.9
cg11235594	1.05E-25	4.95E-28	-1.29E+01	52.9356188	-3.11E-01	110907413	110907536	NC_000002.11
cg04208434	1.05E-25	4.96E-28	-1.29E+01	52.93322	-2.42E-01	129513427	129513550	NC_000003.11
cg20768506	1.08E-25	5.10E-28	-1.29E+01	52.9054957	-2.21E-01	517708	517831	NC_000007.13
cg02376834	1.09E-25	5.16E-28	-1.29E+01	52.8942609	-1.47E-01	154134051	154134174	NC_000005.9
cg08841511	1.09E-25	5.16E-28	-1.29E+01	52.8942542	-1.69E-01	86184581	86184704	NC_000010.10
cg16407699	1.10E-25	5.19E-28	-1.29E+01	52.8875522	-3.22E-01	74020428	74020551	NC_000010.10
cg13409704	1.10E-25	5.21E-28	-1.29E+01	52.8846638	-1.52E-01	22012495	22012618	NC_000022.10
cg09501687	1.11E-25	5.24E-28	-1.29E+01	52.879183	-3.46E-01	150169781	150169904	NC_000005.9
cg03499161	1.11E-25	5.27E-28	-1.29E+01	52.8724825	-1.76E-01	22254996	22255119	NC_000012.11
cg11015549	1.12E-25	5.30E-28	-1.29E+01	52.8679346	-1.36E-01	1026207	1026330	NC_000019.9
cg22641201	1.13E-25	5.36E-28	-1.29E+01	52.8557944	-1.33E-01	60401105	60401228	NC_000010.10
cg04926881	1.14E-25	5.39E-28	-1.29E+01	52.8502071	-3.18E-01	29024378	29024501	NC_000007.13
cg23217940	1.15E-25	5.47E-28	-1.29E+01	52.8352684	-2.41E-01	22954817	22954940	NC_000015.9
cg07085895	1.16E-25	5.53E-28	-1.29E+01	52.8254476	-8.43E-02	19262124	19262247	NC_000011.9
cg10851251	1.16E-25	5.53E-28	-1.29E+01	52.8254434	-1.48E-01	68131281	68131404	NC_000015.9
cg14174912	1.16E-25	5.55E-28	-1.29E+01	52.8208604	-3.01E-01	3824516	3824639	NC_000010.10
cg11998932	1.18E-25	5.62E-28	-1.29E+01	52.8088916	-2.82E-01	3901843	3901966	NC_000007.13
cg04625914	1.18E-25	5.62E-28	-1.29E+01	52.808743	-2.44E-01	133805057	133805180	NC_000011.9
cg02184226	1.20E-25	5.72E-28	-1.29E+01	52.7911065	-3.06E-01	37385773	37385896	NC_000017.10
cg16677191	1.20E-25	5.73E-28	-1.29E+01	52.7891234	-3.36E-01	95159423	95159546	NC_000005.9
cg08467103	1.20E-25	5.77E-28	-1.29E+01	52.7836496	-3.58E-01	65593933	65594056	NC_000002.11
cg08134678	1.22E-25	5.82E-28	-1.29E+01	52.7736123	-2.57E-01	57872430	57872553	NC_000012.11
cg24851854	1.22E-25	5.83E-28	-1.29E+01	52.7728034	-1.92E-01	59042275	59042398	NC_000001.10

cg10959711	1.25E-25	5.99E-28	-1.29E+01	52.7453327	-2.23E-01	153509096	153509219	NC_000001.10
cg16472904	1.26E-25	6.07E-28	-1.29E+01	52.7320872	-2.69E-01	7597402	7597525	NC_000011.9
cg25702780	1.28E-25	6.14E-28	-1.29E+01	52.7211722	-1.52E-01	169376298	169376421	NC_000003.11
cg09960553	1.29E-25	6.23E-28	-1.29E+01	52.7064274	-6.95E-02	87840374	87840497	NC_000016.9
cg10976218	1.33E-25	6.39E-28	-1.29E+01	52.6809175	-2.16E-01	114880761	114880884	NC_000013.10
cg02033582	1.33E-25	6.41E-28	-1.29E+01	52.6782926	-3.13E-01	29394814	29394937	NC_000017.10
cg22110158	1.35E-25	6.54E-28	-1.29E+01	52.658879	-2.63E-01	130036542	130036665	NC_000011.9
cg13329912	1.35E-25	6.54E-28	-1.29E+01	52.6585672	-2.16E-01	16215786	16215909	NC_000006.11
cg15658784	1.35E-25	6.54E-28	-1.29E+01	52.6583709	-9.31E-02	2951243	2951366	NC_000011.9
cg14295924	1.36E-25	6.59E-28	-1.29E+01	52.6514445	-2.35E-01	1990900	1991023	NC_000011.9
cg00973309	1.36E-25	6.61E-28	-1.29E+01	52.648039	-2.30E-01	75111129	75111252	NC_000015.9
cg19627034	1.37E-25	6.65E-28	-1.29E+01	52.6419738	-2.66E-01	110476668	110476791	NC_000001.10
cg24852661	1.38E-25	6.68E-28	-1.29E+01	52.6375534	-1.29E-01	88715131	88715254	NC_000009.11
cg15972148	1.38E-25	6.69E-28	-1.29E+01	52.6363418	-2.76E-01	114880889	114881012	NC_000013.10
cg03573390	1.38E-25	6.72E-28	-1.29E+01	52.6315131	-2.63E-01	57294639	57294762	NC_000016.9
cg12627537	1.39E-25	6.77E-28	-1.29E+01	52.6239556	-8.31E-02	43485414	43485537	NC_000022.10
cg24405291	1.40E-25	6.80E-28	-1.29E+01	52.6200855	-1.88E-01	32050905	32051028	NC_000006.11
cg03690187	1.41E-25	6.84E-28	-1.29E+01	52.6136048	-1.23E-01	41233838	41233961	NC_000015.9
cg14066757	1.41E-25	6.86E-28	-1.29E+01	52.6105147	-1.74E-01	44285568	44285691	NC_000019.9
cg20073153	1.41E-25	6.87E-28	-1.29E+01	52.6101875	-1.81E-01	30238815	30238938	NC_000010.10
cg08889480	1.42E-25	6.91E-28	-1.29E+01	52.6043113	-2.50E-01	47746789	47746912	NC_000010.10
cg02505956	1.45E-25	7.07E-28	-1.29E+01	52.5815032	-2.98E-01	157348266	157348389	NC_000007.13
cg07093324	1.45E-25	7.07E-28	-1.29E+01	52.5814226	-2.66E-01	114652143	114652266	NC_000002.11
cg24328095	1.47E-25	7.18E-28	-1.29E+01	52.5650415	-2.32E-01	80205093	80205216	NC_000017.10
cg14939821	1.49E-25	7.30E-28	-1.29E+01	52.5495917	-3.56E-01	128947230	128947353	NC_000010.10

cg22958090	1.51E-25	7.38E-28	-1.29E+01	52.5388609	-3.04E-01	52627438	52627561	NC_000012.11
cg13118906	1.51E-25	7.38E-28	-1.29E+01	52.5386105	-2.55E-01	61524292	61524415	NC_000017.10
cg09442613	1.52E-25	7.46E-28	-1.29E+01	52.5281242	-3.10E-01	76054089	76054212	NC_000012.11
cg09075968	1.52E-25	7.47E-28	-1.29E+01	52.5265547	-2.75E-01	113841799	113841922	NC_000013.10
cg22492099	1.56E-25	7.65E-28	-1.29E+01	52.5023831	-2.10E-01	43414974	43415097	NC_000015.9
cg13759905	1.56E-25	7.66E-28	-1.29E+01	52.5008389	-2.50E-01	233741920	233742043	NC_000002.11
cg00832644	1.57E-25	7.70E-28	-1.29E+01	52.4959375	-2.60E-01	162343785	162343908	NC_000001.10
cg14302214	1.60E-25	7.88E-28	-1.29E+01	52.4737049	-2.65E-01	3805273	3805396	NC_000010.10
cg01862311	1.64E-25	8.07E-28	-1.29E+01	52.4492038	-3.35E-01	26308815	26308938	NC_000008.10
cg23004409	1.64E-25	8.08E-28	-1.29E+01	52.4482385	-1.45E-01	43128367	43128490	NC_000017.10
cg04244970	1.68E-25	8.29E-28	-1.29E+01	52.422627	-2.73E-01	160708987	160709110	NC_000001.10
cg05349059	1.74E-25	8.60E-28	-1.29E+01	52.3863328	-1.21E-01	134694753	134694876	NC_000006.11
cg13435464	1.75E-25	8.69E-28	-1.28E+01	52.3764775	-1.59E-01	91927197	91927320	NC_000009.11
cg12126243	1.78E-25	8.84E-28	-1.28E+01	52.3586733	-3.26E-01	59742285	59742408	NC_000014.8
cg10558233	1.80E-25	8.94E-28	-1.28E+01	52.3474933	-3.19E-01	94892613	94892736	NC_000008.10
cg17664128	1.81E-25	8.98E-28	-1.28E+01	52.3434746	-1.04E-01	42891265	42891388	NC_000019.9
cg06680852	1.83E-25	9.10E-28	-1.28E+01	52.3305086	-3.01E-01	22722951	22723074	NC_000010.10
cg26446832	1.83E-25	9.10E-28	-1.28E+01	52.3298054	-2.60E-01	12015695	12015818	NC_000011.9
cg16270485	1.87E-25	9.31E-28	-1.28E+01	52.306998	-2.42E-01	21901260	21901383	NC_000001.10
cg19734163	1.87E-25	9.32E-28	-1.28E+01	52.3059583	-2.03E-01	138720989	138721112	NC_000007.13
cg15260109	1.87E-25	9.34E-28	-1.28E+01	52.3037393	-1.09E-01	10363328	10363451	NC_000019.9
cg12048965	1.89E-25	9.42E-28	-1.28E+01	52.2959527	-3.19E-01	3848384	3848507	NC_000010.10
cg05372727	1.92E-25	9.60E-28	-1.28E+01	52.2765811	-3.04E-01	107029018	107029141	NC_000013.10
cg18778196	1.94E-25	9.70E-28	-1.28E+01	52.2669936	-2.44E-01	67054877	67055000	NC_000015.9
cg07495704	1.94E-25	9.70E-28	-1.28E+01	52.2665272	-2.21E-01	104091483	104091606	NC_000014.8

cg08229360	1.97E-25	9.86E-28	-1.28E+01	52.2501379	-1.45E-01	37904475	37904598	NC_000003.11
cg04291025	2.03E-25	1.02E-27	-1.28E+01	52.2206261	-1.72E-01	69746140	69746263	NC_000015.9
cg15978565	2.03E-25	1.02E-27	-1.28E+01	52.2177083	-2.48E-01	11894464	11894587	NC_000002.11
cg09997271	2.09E-25	1.05E-27	-1.28E+01	52.1896354	-1.29E-01	10542200	10542323	NC_000019.9
cg15934804	2.10E-25	1.05E-27	-1.28E+01	52.1845192	-2.34E-01	2672400	2672523	NC_000007.13
cg00251618	2.11E-25	1.06E-27	-1.28E+01	52.1796304	-7.73E-02	2835624	2835747	NC_000016.9
cg09796640	2.12E-25	1.07E-27	-1.28E+01	52.1733695	-1.92E-01	105434298	105434421	NC_000014.8
cg23366752	2.14E-25	1.08E-27	-1.28E+01	52.1633518	-2.28E-01	78556502	78556625	NC_000015.9
cg18054578	2.16E-25	1.09E-27	-1.28E+01	52.1537139	-1.29E-01	47735960	47736083	NC_000019.9
cg11767757	2.17E-25	1.10E-27	-1.28E+01	52.1451933	-2.36E-01	40145404	40145527	NC_000021.8
cg23350385	2.24E-25	1.13E-27	-1.28E+01	52.1144682	-3.19E-01	46448134	46448257	NC_000003.11
cg13419330	2.24E-25	1.13E-27	-1.28E+01	52.1131624	-2.61E-01	10247487	10247610	NC_000003.11
cg26148904	2.28E-25	1.15E-27	-1.28E+01	52.0956645	-1.22E-01	79339342	79339465	NC_000017.10
cg13022977	2.28E-25	1.15E-27	-1.28E+01	52.0936256	-1.66E-01	6420252	6420375	NC_000012.11
cg02771117	2.28E-25	1.16E-27	-1.28E+01	52.0924703	-3.02E-01	11279352	11279475	NC_000008.10
cg14055004	2.31E-25	1.17E-27	-1.28E+01	52.0803019	-2.32E-01	241860995	241861118	NC_000002.11
cg04588455	2.32E-25	1.18E-27	-1.28E+01	52.0741933	-2.41E-01	29819461	29819584	NC_000016.9
cg14118226	2.39E-25	1.21E-27	-1.28E+01	52.0435983	-2.21E-01	70010567	70010690	NC_000014.8
cg07398839	2.40E-25	1.22E-27	-1.28E+01	52.0405844	-1.75E-01	101661834	101661957	NC_000015.9
cg16395183	2.45E-25	1.25E-27	-1.28E+01	52.0176496	-3.00E-01	210771699	210771822	NC_000001.10
cg04473654	2.50E-25	1.27E-27	-1.28E+01	51.9970737	-3.42E-01	54187654	54187777	NC_000004.11
cg07207490	2.52E-25	1.28E-27	-1.28E+01	51.9895006	-2.55E-01	118492463	118492586	NC_000011.9
cg09396895	2.53E-25	1.29E-27	-1.28E+01	51.9822638	-1.79E-01	25021067	25021190	NC_000007.13
cg22234930	2.54E-25	1.30E-27	-1.28E+01	51.9783532	-2.99E-01	72519739	72519862	NC_000015.9
cg15574263	2.58E-25	1.31E-27	-1.28E+01	51.9647932	-1.66E-01	911693	911816	NC_000011.9

cg00523450	2.58E-25	1.32E-27	-1.28E+01	51.9626182	-1.17E-01	112290055	112290178	NC_000010.10
cg08416875	2.59E-25	1.32E-27	-1.28E+01	51.9605809	-1.16E-01	119669226	119669349	NC_000006.11
cg08881019	2.61E-25	1.34E-27	-1.28E+01	51.9491921	-1.78E-01	156096178	156096301	NC_000001.10
cg20703003	2.61E-25	1.34E-27	-1.28E+01	51.947891	-2.57E-01	115860280	115860403	NC_000010.10
cg23230478	2.68E-25	1.37E-27	-1.28E+01	51.9208411	-3.56E-01	6360620	6360743	NC_000001.10
cg15972294	2.72E-25	1.40E-27	-1.28E+01	51.9042041	-1.25E-01	50273096	50273219	NC_000003.11
cg20893203	2.73E-25	1.40E-27	-1.28E+01	51.9003802	-3.71E-01	41499799	41499922	NC_000006.11
cg22134923	2.74E-25	1.41E-27	-1.28E+01	51.8974419	-1.97E-01	62314874	62314997	NC_000011.9
cg25986240	2.75E-25	1.41E-27	-1.28E+01	51.8923753	-2.19E-01	9926439	9926562	NC_000004.11
cg26247168	2.76E-25	1.42E-27	-1.28E+01	51.8892132	-3.33E-01	119994722	119994845	NC_000011.9
cg25067702	2.80E-25	1.44E-27	-1.28E+01	51.872541	-2.85E-01	70723227	70723350	NC_000017.10
cg01910639	2.81E-25	1.45E-27	-1.28E+01	51.8685002	-2.38E-01	153507779	153507902	NC_000001.10
cg07134608	2.81E-25	1.45E-27	-1.28E+01	51.8683109	-1.27E-01	49436579	49436702	NC_000019.9
cg14811872	2.83E-25	1.46E-27	-1.28E+01	51.862752	-1.30E-01	236577984	236578107	NC_000002.11
cg10437265	2.87E-25	1.48E-27	-1.28E+01	51.8440762	-2.38E-01	77819839	77819962	NC_000015.9
cg10378521	2.88E-25	1.49E-27	-1.28E+01	51.8411174	-3.41E-01	133101612	133101735	NC_000012.11
cg18146074	2.93E-25	1.51E-27	-1.28E+01	51.8241629	-2.38E-01	232242955	232243078	NC_000002.11
cg24638828	2.94E-25	1.52E-27	-1.28E+01	51.8190867	-2.48E-01	72974572	72974695	NC_000007.13
cg20834178	2.94E-25	1.52E-27	-1.28E+01	51.8189936	-3.52E-01	6944071	6944194	NC_000004.11
cg07355757	2.95E-25	1.53E-27	-1.28E+01	51.8152957	-1.44E-01	221651747	221651870	NC_000001.10
cg18270378	3.00E-25	1.56E-27	-1.28E+01	51.797573	-3.12E-01	3284394	3284517	NC_000007.13
cg16919680	3.00E-25	1.56E-27	-1.28E+01	51.796104	-2.58E-01	53230033	53230156	NC_000012.11
cg14356919	3.03E-25	1.57E-27	-1.28E+01	51.7851237	-2.89E-01	46890997	46891120	NC_000021.8
cg24251890	3.04E-25	1.58E-27	-1.28E+01	51.7830434	-1.39E-01	47290825	47290948	NC_000011.9
cg25630380	3.08E-25	1.60E-27	-1.28E+01	51.7663373	-2.46E-01	156784869	156784992	NC_000001.10

cg19184897	3.15E-25	1.64E-27	-1.28E+01	51.7440981	-2.18E-01	58282506	58282629	NC_000012.11
cg27116253	3.20E-25	1.67E-27	-1.28E+01	51.7262758	-1.35E-01	746110	746233	NC_000016.9
cg07215695	3.20E-25	1.67E-27	-1.28E+01	51.7261602	-2.31E-01	85637834	85637957	NC_000002.11
cg12360424	3.21E-25	1.67E-27	-1.28E+01	51.7245508	-1.89E-01	54568961	54569084	NC_000004.11
cg07739369	3.22E-25	1.68E-27	-1.28E+01	51.7208835	-2.78E-01	80241456	80241579	NC_000017.10
cg07210669	3.22E-25	1.68E-27	-1.28E+01	51.7197354	-2.59E-01	6695475	6695598	NC_000004.11
cg14112958	3.23E-25	1.69E-27	-1.28E+01	51.7156824	-1.44E-01	57599225	57599348	NC_000015.9
cg02010342	3.30E-25	1.73E-27	-1.28E+01	51.6921144	-1.17E-01	79485934	79486057	NC_000017.10
cg27086308	3.40E-25	1.78E-27	-1.27E+01	51.6623597	-9.54E-02	154720213	154720336	NC_000007.13
cg26653714	3.42E-25	1.80E-27	-1.27E+01	51.654052	-2.06E-01	22932056	22932179	NC_000008.10
cg12999267	3.47E-25	1.82E-27	-1.27E+01	51.6408715	-1.68E-01	94376970	94377093	NC_000012.11
cg08619295	3.47E-25	1.83E-27	-1.27E+01	51.6380367	-2.35E-01	6364079	6364202	NC_000010.10
cg12141659	3.47E-25	1.83E-27	-1.27E+01	51.6374701	-2.23E-01	2847462	2847585	NC_000011.9
cg24201793	3.47E-25	1.83E-27	-1.27E+01	51.6372089	-3.25E-01	9144764	9144887	NC_000002.11
cg26539468	3.51E-25	1.85E-27	-1.27E+01	51.6266342	-2.92E-01	185609850	185609973	NC_000004.11
cg19236431	3.53E-25	1.86E-27	-1.27E+01	51.6202811	-2.23E-01	158447877	158448000	NC_000006.11
cg12203250	3.56E-25	1.87E-27	-1.27E+01	51.6118581	-1.03E-01	23863649	23863772	NC_000022.10
cg14900031	3.60E-25	1.90E-27	-1.27E+01	51.5991186	-2.68E-01	6695377	6695500	NC_000004.11
cg17486314	3.60E-25	1.90E-27	-1.27E+01	51.5973742	-3.07E-01	90778227	90778350	NC_000006.11
cg07443710	3.64E-25	1.93E-27	-1.27E+01	51.5848678	-2.56E-01	71206848	71206971	NC_000010.10
cg07842521	3.64E-25	1.93E-27	-1.27E+01	51.5837031	-2.25E-01	85157762	85157885	NC_000016.9
cg02704570	3.67E-25	1.95E-27	-1.27E+01	51.5748893	-2.31E-01	157647109	157647232	NC_000007.13
cg25418001	3.72E-25	1.97E-27	-1.27E+01	51.5607643	-1.77E-01	79780310	79780433	NC_000007.13
cg19843457	3.80E-25	2.01E-27	-1.27E+01	51.540257	-1.65E-01	132288611	132288734	NC_000012.11
cg14241836	3.84E-25	2.04E-27	-1.27E+01	51.5283924	-3.59E-01	48124921	48125044	NC_000007.13

cg20434422	3.92E-25	2.09E-27	-1.27E+01	51.5054741	-2.78E-01	84831593	84831716	NC_000001.10
cg07307388	3.93E-25	2.09E-27	-1.27E+01	51.5019771	-1.42E-01	25138416	25138539	NC_000006.11
cg24843609	3.95E-25	2.10E-27	-1.27E+01	51.4986599	-2.47E-01	156211434	156211557	NC_000001.10
cg22459664	3.95E-25	2.10E-27	-1.27E+01	51.4979235	-1.61E-01	139929764	139929887	NC_000007.13
cg16764274	3.97E-25	2.12E-27	-1.27E+01	51.4906849	-1.63E-01	223290168	223290291	NC_000002.11
cg05348708	4.02E-25	2.14E-27	-1.27E+01	51.4793739	-6.75E-02	79520615	79520738	NC_000017.10
cg26221105	4.06E-25	2.17E-27	-1.27E+01	51.4681557	-2.26E-01	223914343	223914466	NC_000001.10
cg22790839	4.07E-25	2.17E-27	-1.27E+01	51.464161	-2.59E-01	157883933	157884056	NC_000005.9
cg05726195	4.10E-25	2.19E-27	-1.27E+01	51.4565777	-2.97E-01	154997174	154997297	NC_000007.13
cg15428620	4.10E-25	2.20E-27	-1.27E+01	51.4546935	-2.18E-01	102792835	102792958	NC_000010.10
cg01066157	4.11E-25	2.20E-27	-1.27E+01	51.4527312	-2.77E-01	152451023	152451146	NC_000006.11
cg12198913	4.11E-25	2.20E-27	-1.27E+01	51.4508798	-1.26E-01	44972718	44972841	NC_000011.9
cg09545443	4.12E-25	2.21E-27	-1.27E+01	51.4500232	-2.36E-01	106960066	106960189	NC_000003.11
cg01439112	4.12E-25	2.21E-27	-1.27E+01	51.4478539	-1.64E-01	37904034	37904157	NC_000003.11
cg24789596	4.12E-25	2.21E-27	-1.27E+01	51.4475891	-2.21E-01	43038067	43038190	NC_000002.11
cg23261443	4.15E-25	2.22E-27	-1.27E+01	51.4417697	-3.24E-01	101596340	101596463	NC_000007.13
cg23005797	4.16E-25	2.23E-27	-1.27E+01	51.4380445	-2.82E-01	10302462	10302585	NC_000002.11
cg05776388	4.22E-25	2.27E-27	-1.27E+01	51.4219434	-1.34E-01	72983414	72983537	NC_000017.10
cg13713728	4.26E-25	2.29E-27	-1.27E+01	51.4126297	-2.47E-01	127262761	127262884	NC_000010.10
cg23206873	4.32E-25	2.33E-27	-1.27E+01	51.3968849	-2.09E-01	1303672	1303795	NC_000020.10
cg07447769	4.43E-25	2.39E-27	-1.27E+01	51.3724689	-2.49E-01	24723265	24723388	NC_000013.10
cg04251307	4.45E-25	2.40E-27	-1.27E+01	51.3673508	-9.23E-02	10827012	10827135	NC_000012.11
cg00223245	4.46E-25	2.41E-27	-1.27E+01	51.3627192	-2.90E-01	64307530	64307653	NC_000003.11
cg25395559	4.49E-25	2.42E-27	-1.27E+01	51.3567438	-1.13E-01	20371503	20371626	NC_000007.13
cg08090407	4.56E-25	2.46E-27	-1.27E+01	51.3401478	-2.44E-01	7139271	7139394	NC_000007.13

cg26248066	4.57E-25	2.47E-27	-1.27E+01	51.3380694	-2.78E-01	70303464	70303587	NC_000011.9
cg14806867	4.65E-25	2.51E-27	-1.27E+01	51.3197711	-9.08E-02	96329355	96329478	NC_000013.10
cg08904363	4.65E-25	2.52E-27	-1.27E+01	51.3196203	-1.32E-01	102790119	102790242	NC_000007.13
cg19373199	4.73E-25	2.56E-27	-1.27E+01	51.3010215	-1.87E-01	103010825	103010948	NC_000014.8
cg18420781	4.80E-25	2.61E-27	-1.27E+01	51.2840588	-1.81E-01	30124240	30124363	NC_000006.11
cg03536711	4.82E-25	2.62E-27	-1.27E+01	51.2797042	-2.18E-01	221509067	221509190	NC_000001.10
cg23072383	4.96E-25	2.70E-27	-1.27E+01	51.2490368	-2.15E-01	31031044	31031167	NC_000022.10
cg09232805	4.98E-25	2.72E-27	-1.27E+01	51.2434275	-2.38E-01	173935615	173935738	NC_000004.11
cg05226729	5.07E-25	2.76E-27	-1.27E+01	51.2257875	-2.72E-01	11839780	11839903	NC_000008.10
cg19453938	5.15E-25	2.81E-27	-1.27E+01	51.2088113	-2.70E-01	73265946	73266069	NC_000007.13
cg20665774	5.15E-25	2.81E-27	-1.27E+01	51.2084592	-2.15E-01	13134254	13134377	NC_000019.9
cg00355699	5.15E-25	2.82E-27	-1.27E+01	51.2075499	-2.80E-01	104667830	104667953	NC_000013.10
cg14686919	5.15E-25	2.82E-27	-1.27E+01	51.2071968	-1.57E-01	61584159	61584282	NC_000020.10
cg23072823	5.20E-25	2.85E-27	-1.27E+01	51.1969905	-1.32E-01	14445421	14445544	NC_000003.11
cg12351310	5.24E-25	2.87E-27	-1.27E+01	51.1896593	-2.82E-01	52937992	52938115	NC_000005.9
cg07235218	5.25E-25	2.87E-27	-1.27E+01	51.187339	-2.13E-01	2954824	2954947	NC_000011.9
cg07745671	5.34E-25	2.93E-27	-1.27E+01	51.1689136	-3.31E-01	177272848	177272971	NC_000003.11
cg19982230	5.34E-25	2.93E-27	-1.27E+01	51.1680139	-2.55E-01	27045302	27045425	NC_000017.10
cg05004855	5.47E-25	3.00E-27	-1.27E+01	51.1428921	-1.87E-01	149644009	149644132	NC_000005.9
cg15694809	5.47E-25	3.01E-27	-1.27E+01	51.1412257	-8.91E-02	101786117	101786240	NC_000011.9
cg06639923	5.48E-25	3.01E-27	-1.27E+01	51.1396813	-2.28E-01	5534978	5535101	NC_000007.13
cg15800421	5.48E-25	3.01E-27	-1.27E+01	51.1396003	-1.38E-01	40834743	40834866	NC_000017.10
cg13780718	5.51E-25	3.04E-27	-1.27E+01	51.1327553	-3.56E-01	44513768	44513891	NC_000020.10
cg17644208	5.53E-25	3.04E-27	-1.27E+01	51.129777	-2.19E-01	25142391	25142514	NC_000002.11
cg16235274	5.57E-25	3.07E-27	-1.27E+01	51.1215656	-8.52E-02	19928475	19928598	NC_000018.9



cg17696194	5.58E-25	3.08E-27	-1.27E+01	51.1189046	-2.12E-01	58941051	58941174	NC_000011.9
cg08639843	5.61E-25	3.10E-27	-1.27E+01	51.1126165	-1.28E-01	844536	844659	NC_000011.9
cg00275828	5.65E-25	3.12E-27	-1.27E+01	51.1055224	-2.80E-01	39222690	39222813	NC_000017.10
cg21283926	5.71E-25	3.16E-27	-1.27E+01	51.093558	-1.46E-01	74160917	74161040	NC_000006.11
cg18188010	5.77E-25	3.19E-27	-1.27E+01	51.0831166	-1.95E-01	42187036	42187159	NC_000015.9
cg17939977	5.77E-25	3.19E-27	-1.27E+01	51.082407	-2.70E-01	186170664	186170787	NC_000003.11
cg21594702	5.78E-25	3.20E-27	-1.27E+01	51.0806684	-1.79E-01	82771513	82771636	NC_000005.9
cg23662097	5.80E-25	3.21E-27	-1.27E+01	51.0764034	-3.78E-01	4873008	4873131	NC_000003.11
cg13942922	5.82E-25	3.23E-27	-1.27E+01	51.0719487	-2.18E-01	238383665	238383788	NC_000002.11
cg27404606	5.87E-25	3.26E-27	-1.27E+01	51.0619552	-1.71E-01	3747579	3747702	NC_000020.10
cg17266282	5.89E-25	3.27E-27	-1.27E+01	51.0584939	-2.82E-01	112294532	112294655	NC_000006.11
cg08905652	5.89E-25	3.27E-27	-1.27E+01	51.0583867	-1.20E-01	74161099	74161222	NC_000006.11
cg13220457	5.90E-25	3.28E-27	-1.27E+01	51.0560111	-1.18E-01	135504074	135504197	NC_000006.11
cg23512231	5.91E-25	3.29E-27	-1.27E+01	51.0533547	-3.34E-01	61538215	61538338	NC_000017.10
cg19416417	6.01E-25	3.34E-27	-1.27E+01	51.0371231	-1.78E-01	223290324	223290447	NC_000002.11
cg00797278	6.01E-25	3.34E-27	-1.27E+01	51.0368431	-1.34E-01	32442928	32443051	NC_000003.11
cg01477179	6.19E-25	3.45E-27	-1.27E+01	51.0062435	-1.20E-01	239068027	239068150	NC_000002.11
cg21531300	6.21E-25	3.46E-27	-1.27E+01	51.0026077	-2.65E-01	75988800	75988923	NC_000014.8
cg26366109	6.23E-25	3.47E-27	-1.27E+01	50.9992537	-2.06E-01	30689844	30689967	NC_000006.11
cg25588844	6.26E-25	3.49E-27	-1.27E+01	50.9935775	-3.44E-01	10037561	10037684	NC_000002.11
cg17178175	6.28E-25	3.51E-27	-1.26E+01	50.9889239	-2.88E-01	178109973	178110096	NC_000002.11
cg04540882	6.37E-25	3.56E-27	-1.26E+01	50.9741334	-2.53E-01	27703877	27704000	NC_000017.10
cg02124892	6.39E-25	3.57E-27	-1.26E+01	50.971439	-1.88E-01	185270360	185270483	NC_000003.11
cg15681255	6.40E-25	3.58E-27	-1.26E+01	50.9692287	-2.08E-01	27192141	27192264	NC_000008.10
cg12787405	6.48E-25	3.63E-27	-1.26E+01	50.9543802	-2.13E-01	42955658	42955781	NC_000020.10

cg21011133	6.49E-25	3.64E-27	-1.26E+01	50.9523225	-3.30E-01	25142198	25142321	NC_000002.11
cg07146104	6.51E-25	3.65E-27	-1.26E+01	50.948495	-2.25E-01	16489048	16489171	NC_000001.10
cg26429629	6.51E-25	3.66E-27	-1.26E+01	50.9476125	-1.03E-01	169758391	169758514	NC_000005.9
cg00891886	6.61E-25	3.72E-27	-1.26E+01	50.9310285	-1.79E-01	73417264	73417387	NC_000007.13
cg19313311	6.63E-25	3.73E-27	-1.26E+01	50.9275682	-2.03E-01	74058031	74058154	NC_000007.13
cg20014974	6.69E-25	3.77E-27	-1.26E+01	50.9186969	-2.35E-01	8271918	8272041	NC_000001.10
cg24326142	6.84E-25	3.85E-27	-1.26E+01	50.8954557	-2.14E-01	110453144	110453267	NC_000001.10
cg10075390	6.84E-25	3.86E-27	-1.26E+01	50.8939697	-1.21E-01	26032038	26032161	NC_000006.11
cg19478820	6.93E-25	3.91E-27	-1.26E+01	50.8808284	-2.69E-01	45044355	45044478	NC_000011.9
cg10505873	7.03E-25	3.97E-27	-1.26E+01	50.8664559	-1.40E-01	44637511	44637634	NC_000020.10
cg00159243	7.06E-25	3.99E-27	-1.26E+01	50.8613179	-2.75E-01	109023799	109023922	NC_000012.11
cg08554257	7.10E-25	4.01E-27	-1.26E+01	50.8549544	-1.44E-01	50730737	50730860	NC_000016.9
cg03139435	7.23E-25	4.09E-27	-1.26E+01	50.8373134	-1.82E-01	54966401	54966524	NC_000020.10
cg07354581	7.24E-25	4.10E-27	-1.26E+01	50.834679	-1.73E-01	35585747	35585870	NC_000015.9
cg21873674	7.35E-25	4.16E-27	-1.26E+01	50.8193237	-2.16E-01	13689339	13689462	NC_000003.11
cg26486099	7.40E-25	4.19E-27	-1.26E+01	50.8113204	-8.91E-02	74615154	74615277	NC_000015.9
cg13591783	7.47E-25	4.24E-27	-1.26E+01	50.8004045	-3.10E-01	75768868	75768991	NC_000009.11
cg24503796	7.52E-25	4.27E-27	-1.26E+01	50.792702	-1.86E-01	102107676	102107799	NC_000010.10
cg19182597	7.57E-25	4.30E-27	-1.26E+01	50.7855982	-1.21E-01	54426670	54426793	NC_000012.11
cg00316800	7.59E-25	4.32E-27	-1.26E+01	50.7828562	-2.97E-01	10406539	10406662	NC_000002.11
cg16038636	7.62E-25	4.33E-27	-1.26E+01	50.7787101	-1.53E-01	74138073	74138196	NC_000017.10
cg04654167	7.70E-25	4.39E-27	-1.26E+01	50.7668569	-2.25E-01	158090949	158091072	NC_000006.11
cg20617957	7.76E-25	4.43E-27	-1.26E+01	50.7581892	-2.58E-01	100085203	100085326	NC_000013.10
cg23792308	7.79E-25	4.45E-27	-1.26E+01	50.7535622	-2.30E-01	14104659	14104782	NC_000017.10
cg25755851	7.84E-25	4.48E-27	-1.26E+01	50.7468751	-2.24E-01	9335794	9335917	NC_000001.10

cg18200326	7.92E-25	4.53E-27	-1.26E+01	50.7359103	-1.13E-01	67282115	67282238	NC_000016.9
cg01383799	7.99E-25	4.57E-27	-1.26E+01	50.7258876	-3.15E-01	29819361	29819484	NC_000016.9
cg25660961	8.00E-25	4.58E-27	-1.26E+01	50.7244443	-1.09E-01	17764073	17764196	NC_000001.10
cg06069310	8.17E-25	4.68E-27	-1.26E+01	50.7027248	-1.51E-01	38179874	38179997	NC_000003.11
cg24020398	8.20E-25	4.70E-27	-1.26E+01	50.6983615	-6.81E-02	69455715	69455838	NC_000011.9
cg12918213	8.25E-25	4.73E-27	-1.26E+01	50.6919245	-2.89E-01	116581414	116581537	NC_000012.11
cg14278260	8.25E-25	4.74E-27	-1.26E+01	50.6904048	-1.37E-01	50280495	50280618	NC_000016.9
cg14742445	8.29E-25	4.76E-27	-1.26E+01	50.6859384	-2.44E-01	30195299	30195422	NC_000022.10
cg13693256	8.44E-25	4.85E-27	-1.26E+01	50.6670445	-2.65E-01	132098311	132098434	NC_000009.11
cg01321189	8.49E-25	4.88E-27	-1.26E+01	50.6616186	-1.30E-01	32259338	32259461	NC_000012.11
cg06674117	8.49E-25	4.88E-27	-1.26E+01	50.6613301	-3.06E-01	30488883	30489006	NC_000017.10
cg10728351	8.51E-25	4.90E-27	-1.26E+01	50.6574965	-3.57E-01	122628020	122628143	NC_000004.11
cg27268352	8.54E-25	4.92E-27	-1.26E+01	50.6532021	-2.82E-01	30387860	30387983	NC_000010.10
cg12371587	8.56E-25	4.93E-27	-1.26E+01	50.6512996	-1.43E-01	42093157	42093280	NC_000022.10
cg07984515	8.61E-25	4.96E-27	-1.26E+01	50.6442156	-2.13E-01	98793604	98793727	NC_000012.11
cg00685314	8.64E-25	4.98E-27	-1.26E+01	50.6406397	-2.53E-01	120307689	120307812	NC_000012.11
cg17494199	8.71E-25	5.03E-27	-1.26E+01	50.6317136	-3.06E-01	106834942	106835065	NC_000013.10
cg11060604	8.78E-25	5.07E-27	-1.26E+01	50.6234325	-2.98E-01	130572465	130572588	NC_000007.13
cg02155796	8.83E-25	5.10E-27	-1.26E+01	50.6165	-1.40E-01	105940179	105940302	NC_000014.8
cg02092885	8.84E-25	5.11E-27	-1.26E+01	50.615048	-1.84E-01	29379458	29379581	NC_000017.10
cg09183124	8.92E-25	5.16E-27	-1.26E+01	50.6059885	-3.12E-01	173092323	173092446	NC_000001.10
cg20327784	9.24E-25	5.35E-27	-1.26E+01	50.5690024	-2.14E-01	73703307	73703430	NC_000017.10
cg04880195	9.25E-25	5.36E-27	-1.26E+01	50.5678273	-1.13E-01	225841794	225841917	NC_000001.10
cg00355019	9.26E-25	5.36E-27	-1.26E+01	50.566894	-2.12E-01	119994877	119995000	NC_000011.9
cg05451210	9.28E-25	5.38E-27	-1.26E+01	50.5641503	-1.89E-01	98812695	98812818	NC_000012.11

cg21699330	9.32E-25	5.41E-27	-1.26E+01	50.5591315	-2.94E-01	26193032	26193155	NC_000007.13
cg16209064	9.40E-25	5.46E-27	-1.26E+01	50.5500822	-3.25E-01	187766591	187766714	NC_000004.11
cg04772575	9.58E-25	5.57E-27	-1.26E+01	50.5303216	-2.25E-01	123431865	123431988	NC_000012.11
cg21398275	9.58E-25	5.57E-27	-1.26E+01	50.5301429	-2.19E-01	45645497	45645620	NC_000006.11
cg23307858	9.88E-25	5.75E-27	-1.26E+01	50.4988073	-7.31E-02	144533454	144533577	NC_000007.13
cg15824323	9.94E-25	5.78E-27	-1.26E+01	50.4920991	-2.30E-01	141072814	141072937	NC_000005.9
cg23361127	9.99E-25	5.82E-27	-1.26E+01	50.4865516	-3.45E-01	73939283	73939406	NC_000005.9
cg22524864	1.00E-24	5.83E-27	-1.26E+01	50.48412	-2.60E-01	35613900	35614023	NC_000019.9
cg23899359	1.01E-24	5.86E-27	-1.26E+01	50.4786091	-1.00E-01	2051565	2051688	NC_000019.9
cg19238349	1.01E-24	5.87E-27	-1.26E+01	50.4770087	-2.11E-01	49888180	49888303	NC_000013.10
cg08169827	1.01E-24	5.92E-27	-1.26E+01	50.4695179	-2.06E-01	32054766	32054889	NC_000001.10
cg00768487	1.01E-24	5.92E-27	-1.26E+01	50.4686896	-2.77E-01	26611311	26611434	NC_000001.10
cg21027526	1.01E-24	5.93E-27	-1.26E+01	50.4670614	-1.84E-01	15743215	15743338	NC_000012.11
cg16033151	1.01E-24	5.93E-27	-1.26E+01	50.4664786	-2.23E-01	27966740	27966863	NC_000017.10
cg17453456	1.02E-24	6.00E-27	-1.26E+01	50.4558149	-2.45E-01	156094519	156094642	NC_000001.10
cg21474062	1.04E-24	6.07E-27	-1.26E+01	50.4439519	-2.23E-01	141087363	141087486	NC_000003.11
cg12406559	1.06E-24	6.19E-27	-1.26E+01	50.4244711	-3.61E-01	56530302	56530425	NC_000018.9
cg18220560	1.06E-24	6.22E-27	-1.26E+01	50.4198291	-1.36E-01	17936424	17936547	NC_000002.11
cg17469978	1.07E-24	6.25E-27	-1.26E+01	50.4146922	-1.82E-01	116164704	116164827	NC_000007.13
cg07861258	1.07E-24	6.26E-27	-1.26E+01	50.4128316	-1.54E-01	21092936	21093059	NC_000014.8
cg24567694	1.07E-24	6.27E-27	-1.26E+01	50.4111731	-8.05E-02	154719693	154719816	NC_000007.13
cg09453760	1.07E-24	6.29E-27	-1.26E+01	50.409533	-1.75E-01	47693630	47693753	NC_000007.13
cg21756208	1.07E-24	6.30E-27	-1.26E+01	50.4065763	-2.17E-01	134146405	134146528	NC_000003.11
cg22506605	1.08E-24	6.39E-27	-1.26E+01	50.3929638	-1.44E-01	44462172	44462295	NC_000020.10
cg03902729	1.09E-24	6.41E-27	-1.26E+01	50.3895743	-1.03E-01	42081932	42082055	NC_000017.10

cg03240301	1.09E-24	6.44E-27	-1.26E+01	50.3858239	-3.02E-01	23387383	23387506	NC_000007.13
cg15068733	1.10E-24	6.49E-27	-1.26E+01	50.3772357	-2.04E-01	7342846	7342969	NC_000017.10
cg19532731	1.10E-24	6.51E-27	-1.26E+01	50.3750205	-1.42E-01	89783448	89783571	NC_000007.13
cg00259234	1.11E-24	6.54E-27	-1.26E+01	50.3694342	-2.78E-01	79844397	79844520	NC_000017.10
cg18141386	1.11E-24	6.58E-27	-1.26E+01	50.3632373	-2.10E-01	101052970	101053093	NC_000014.8
cg26305174	1.12E-24	6.64E-27	-1.26E+01	50.3552284	-1.81E-01	100463583	100463706	NC_000007.13
cg05349016	1.15E-24	6.84E-27	-1.26E+01	50.3253631	-3.17E-01	43170343	43170466	NC_000017.10
cg04499701	1.16E-24	6.86E-27	-1.26E+01	50.3223623	-2.79E-01	111312453	111312576	NC_000011.9
cg21946299	1.16E-24	6.87E-27	-1.26E+01	50.3210641	-9.46E-02	12329166	12329289	NC_000003.11
cg02601475	1.17E-24	6.97E-27	-1.26E+01	50.3062074	-3.05E-01	121518272	121518395	NC_000005.9
cg02001991	1.18E-24	7.02E-27	-1.26E+01	50.2989973	-2.70E-01	71992842	71992965	NC_000004.11
cg08553467	1.21E-24	7.19E-27	-1.25E+01	50.2754426	-1.59E-01	128292922	128293045	NC_000003.11
cg17316966	1.22E-24	7.27E-27	-1.25E+01	50.2642434	-2.68E-01	74878476	74878599	NC_000008.10
cg16250754	1.22E-24	7.28E-27	-1.25E+01	50.2638009	-2.23E-01	40841579	40841702	NC_000005.9
cg04205616	1.22E-24	7.30E-27	-1.25E+01	50.2613669	-2.89E-01	79692516	79692639	NC_000016.9
cg27236629	1.23E-24	7.34E-27	-1.25E+01	50.2555744	-2.23E-01	96877720	96877843	NC_000015.9
cg13300246	1.24E-24	7.40E-27	-1.25E+01	50.2476884	-1.88E-01	64597604	64597727	NC_000007.13
cg09924669	1.24E-24	7.40E-27	-1.25E+01	50.2471984	-2.59E-01	1593214	1593337	NC_000016.9
cg23916646	1.25E-24	7.48E-27	-1.25E+01	50.2372143	-1.37E-01	31744545	31744668	NC_000006.11
cg03440556	1.29E-24	7.72E-27	-1.25E+01	50.2052038	-2.59E-01	102107757	102107880	NC_000010.10
cg19405484	1.29E-24	7.74E-27	-1.25E+01	50.2030622	-2.70E-01	29513210	29513333	NC_000008.10
cg18294332	1.31E-24	7.88E-27	-1.25E+01	50.1848706	-3.45E-01	56148274	56148397	NC_000005.9
cg14758525	1.31E-24	7.89E-27	-1.25E+01	50.1836887	-2.31E-01	12041672	12041795	NC_000018.9
cg16251626	1.32E-24	7.95E-27	-1.25E+01	50.1758656	-2.20E-01	43672622	43672745	NC_000001.10
cg13376120	1.33E-24	8.01E-27	-1.25E+01	50.1686673	-2.12E-01	208675738	208675861	NC_000002.11

cg12641569	1.33E-24	8.01E-27	-1.25E+01	50.1684475	-2.04E-01	70601781	70601904	NC_000011.9
cg18328965	1.35E-24	8.13E-27	-1.25E+01	50.1539005	-1.29E-01	102107584	102107707	NC_000010.10
cg05149307	1.36E-24	8.19E-27	-1.25E+01	50.1460507	-9.72E-02	113574071	113574194	NC_000012.11
cg08755130	1.36E-24	8.22E-27	-1.25E+01	50.1430639	-9.67E-02	29705878	29706001	NC_000006.11
cg06947286	1.39E-24	8.42E-27	-1.25E+01	50.1186122	-2.75E-01	131596602	131596725	NC_000005.9
cg07837078	1.39E-24	8.43E-27	-1.25E+01	50.1178599	-2.88E-01	12695813	12695936	NC_000002.11
cg03339910	1.40E-24	8.46E-27	-1.25E+01	50.1140787	-2.94E-01	62318482	62318605	NC_000020.10
cg09612099	1.40E-24	8.48E-27	-1.25E+01	50.1120035	-2.71E-01	102096840	102096963	NC_000011.9
cg08719608	1.41E-24	8.53E-27	-1.25E+01	50.1056401	-1.75E-01	138727887	138728010	NC_000005.9
cg27294841	1.42E-24	8.64E-27	-1.25E+01	50.0936741	-1.78E-01	33722046	33722169	NC_000011.9
cg06295590	1.43E-24	8.67E-27	-1.25E+01	50.0896068	-1.19E-01	62205981	62206104	NC_000020.10
cg04188920	1.43E-24	8.68E-27	-1.25E+01	50.0886224	-2.52E-01	3138534	3138657	NC_000010.10
cg16366686	1.43E-24	8.70E-27	-1.25E+01	50.0862235	-2.27E-01	75315837	75315960	NC_000017.10
cg02816297	1.45E-24	8.80E-27	-1.25E+01	50.074689	-8.34E-02	56224411	56224534	NC_000012.11
cg21155367	1.45E-24	8.84E-27	-1.25E+01	50.070328	-1.55E-01	90229095	90229218	NC_000001.10
cg22104744	1.46E-24	8.89E-27	-1.25E+01	50.0644772	-2.39E-01	114829833	114829956	NC_000013.10
cg21964564	1.47E-24	8.93E-27	-1.25E+01	50.0600339	-1.85E-01	204941271	204941394	NC_000001.10
cg20154618	1.48E-24	9.00E-27	-1.25E+01	50.0527123	-1.56E-01	4153677	4153800	NC_000019.9
cg10825530	1.51E-24	9.18E-27	-1.25E+01	50.0326382	-2.24E-01	16023708	16023831	NC_000011.9
cg00576774	1.52E-24	9.28E-27	-1.25E+01	50.0220312	-1.24E-01	28725676	28725799	NC_000007.13
cg02971381	1.53E-24	9.32E-27	-1.25E+01	50.0175698	-1.33E-01	6641751	6641874	NC_000012.11
cg05892674	1.55E-24	9.48E-27	-1.25E+01	50.0006129	-8.97E-02	101918304	101918427	NC_000011.9
cg22945473	1.59E-24	9.70E-27	-1.25E+01	49.9784033	-1.10E-01	74438852	74438975	NC_000005.9
cg16783204	1.60E-24	9.78E-27	-1.25E+01	49.9697087	-2.41E-01	89119371	89119494	NC_000016.9
cg26908505	1.60E-24	9.81E-27	-1.25E+01	49.9674778	-2.86E-01	126517611	126517734	NC_000011.9

cg02854902	1.60E-24	9.81E-27	-1.25E+01	49.966963	-3.18E-01	111312361	111312484	NC_000011.9
cg02591564	1.62E-24	9.91E-27	-1.25E+01	49.9566071	-2.63E-01	125578355	125578478	NC_000012.11
cg05336982	1.62E-24	9.92E-27	-1.25E+01	49.9558112	-2.82E-01	69564735	69564858	NC_000016.9
cg20475082	1.62E-24	9.95E-27	-1.25E+01	49.9527743	-2.62E-01	129166686	129166809	NC_000002.11
cg21243597	1.62E-24	9.97E-27	-1.25E+01	49.9507559	-2.58E-01	13375540	13375663	NC_000018.9
cg00622799	1.63E-24	9.99E-27	-1.25E+01	49.9487731	-2.55E-01	62318588	62318711	NC_000020.10
cg23167351	1.63E-24	1.00E-26	-1.25E+01	49.947829	-2.57E-01	30650737	30650860	NC_000006.11
cg22365276	1.66E-24	1.02E-26	-1.25E+01	49.9263379	-2.61E-01	60688622	60688745	NC_000015.9
cg25581222	1.67E-24	1.03E-26	-1.25E+01	49.9203666	-3.15E-01	64539239	64539362	NC_000015.9
cg22913903	1.68E-24	1.04E-26	-1.25E+01	49.9135385	-1.09E-01	49740968	49741091	NC_000012.11
cg14205663	1.68E-24	1.04E-26	-1.25E+01	49.9101978	-2.04E-01	96872827	96872950	NC_000015.9
cg04898939	1.70E-24	1.05E-26	-1.25E+01	49.8980974	-1.47E-01	30347333	30347456	NC_000016.9
cg20515580	1.71E-24	1.06E-26	-1.25E+01	49.892076	-2.52E-01	66800566	66800689	NC_000011.9
cg18114313	1.74E-24	1.07E-26	-1.25E+01	49.8784429	-2.89E-01	104614435	104614558	NC_000007.13
cg07911961	1.74E-24	1.07E-26	-1.25E+01	49.8774036	-2.41E-01	70083193	70083316	NC_000012.11
cg12003483	1.74E-24	1.07E-26	-1.25E+01	49.8773119	-8.56E-02	41624164	41624287	NC_000017.10
cg03190938	1.74E-24	1.08E-26	-1.25E+01	49.8731244	-1.37E-01	218621580	218621703	NC_000002.11
cg18599081	1.76E-24	1.09E-26	-1.25E+01	49.8650297	-2.53E-01	46448084	46448207	NC_000003.11
cg02636348	1.78E-24	1.10E-26	-1.25E+01	49.8512441	-2.73E-01	78923827	78923950	NC_000010.10
cg26178163	1.78E-24	1.11E-26	-1.25E+01	49.8487875	-2.66E-01	106805150	106805273	NC_000005.9
cg08564487	1.79E-24	1.11E-26	-1.25E+01	49.847735	-2.52E-01	75319751	75319874	NC_000017.10
cg03354554	1.80E-24	1.12E-26	-1.25E+01	49.8374486	-2.86E-01	9781412	9781535	NC_000011.9
cg21856334	1.83E-24	1.14E-26	-1.25E+01	49.8199996	-2.61E-01	196754664	196754787	NC_000003.11
cg23844623	1.84E-24	1.14E-26	-1.25E+01	49.8148117	-1.78E-01	47290730	47290853	NC_000011.9
cg19628739	1.88E-24	1.17E-26	-1.25E+01	49.7930118	-2.32E-01	44317517	44317640	NC_000022.10

cg15681358	1.88E-24	1.17E-26	-1.25E+01	49.790512	-1.60E-01	99474521	99474644	NC_000010.10
cg07982740	1.89E-24	1.18E-26	-1.25E+01	49.7870954	-3.10E-01	44410114	44410237	NC_000020.10
cg06419432	1.91E-24	1.19E-26	-1.25E+01	49.7738278	-1.08E-01	25707535	25707658	NC_000017.10
cg10462187	1.91E-24	1.19E-26	-1.25E+01	49.7718752	-2.54E-01	124067402	124067525	NC_000010.10
cg21911930	1.91E-24	1.19E-26	-1.25E+01	49.7711579	-2.86E-01	146009877	146010000	NC_000006.11
cg15161854	1.92E-24	1.20E-26	-1.25E+01	49.7694313	-2.07E-01	28836139	28836262	NC_000001.10
cg11009590	1.92E-24	1.20E-26	-1.25E+01	49.7687596	-3.25E-01	149082648	149082771	NC_000006.11
cg14700577	1.97E-24	1.23E-26	-1.25E+01	49.7395128	-1.31E-01	47517001	47517124	NC_000003.11
cg01152624	1.98E-24	1.24E-26	-1.25E+01	49.7338315	-2.44E-01	106239635	106239758	NC_000011.9
cg27067618	1.99E-24	1.24E-26	-1.25E+01	49.7303486	-1.97E-01	15751949	15752072	NC_000019.9
cg05493841	2.01E-24	1.26E-26	-1.25E+01	49.7178587	-1.89E-01	70083096	70083219	NC_000012.11
cg09926488	2.01E-24	1.26E-26	-1.25E+01	49.7157764	-1.48E-01	16178514	16178637	NC_000019.9
cg12925682	2.03E-24	1.27E-26	-1.25E+01	49.7071444	-3.33E-01	38872169	38872292	NC_000005.9
cg18437710	2.04E-24	1.28E-26	-1.25E+01	49.701563	-2.55E-01	51522894	51523017	NC_000019.9
cg20688651	2.04E-24	1.28E-26	-1.25E+01	49.7004153	-2.80E-01	66220754	66220877	NC_000012.11
cg15985132	2.04E-24	1.28E-26	-1.25E+01	49.6998464	-3.15E-01	130642799	130642922	NC_000011.9
cg22207139	2.06E-24	1.29E-26	-1.25E+01	49.6919248	-2.64E-01	59467736	59467859	NC_000015.9
cg04608177	2.06E-24	1.30E-26	-1.25E+01	49.6874043	-1.35E-01	37230389	37230512	NC_000020.10
cg05088433	2.07E-24	1.31E-26	-1.25E+01	49.6830767	-1.98E-01	239144301	239144424	NC_000002.11
cg10933959	2.08E-24	1.31E-26	-1.25E+01	49.6792797	-3.01E-01	100890907	100891030	NC_000015.9
cg13312702	2.09E-24	1.31E-26	-1.25E+01	49.6759177	-1.88E-01	4721531	4721654	NC_000007.13
cg16394551	2.09E-24	1.32E-26	-1.25E+01	49.6739435	-2.15E-01	3230357	3230480	NC_000001.10
cg13432339	2.09E-24	1.32E-26	-1.25E+01	49.672271	-2.56E-01	58211039	58211162	NC_000004.11
cg01292810	2.10E-24	1.32E-26	-1.25E+01	49.6689006	-2.11E-01	184241840	184241963	NC_000003.11
cg14550985	2.11E-24	1.33E-26	-1.25E+01	49.6624318	-2.38E-01	66104159	66104282	NC_000011.9



cg04927537	2.12E-24	1.34E-26	-1.25E+01	49.6585137	-1.89E-01	76976091	76976214	NC_000017.10
cg12850892	2.14E-24	1.35E-26	-1.25E+01	49.6476995	-2.25E-01	75945585	75945708	NC_000011.9
cg11610614	2.14E-24	1.36E-26	-1.25E+01	49.6446865	-2.49E-01	75877811	75877934	NC_000017.10
cg21126943	2.17E-24	1.37E-26	-1.25E+01	49.6333964	-1.89E-01	42259395	42259518	NC_000019.9
cg02840697	2.18E-24	1.38E-26	-1.25E+01	49.6275188	-1.03E-01	24861141	24861264	NC_000008.10
cg08928408	2.19E-24	1.39E-26	-1.25E+01	49.620886	-2.93E-01	149454106	149454229	NC_000003.11
cg00424451	2.19E-24	1.39E-26	-1.25E+01	49.6207776	-1.97E-01	76338660	76338783	NC_000017.10
cg00498419	2.23E-24	1.42E-26	-1.24E+01	49.6012461	-1.02E-01	129925077	129925200	NC_000010.10
cg25753473	2.23E-24	1.42E-26	-1.24E+01	49.6005594	-2.50E-01	170532835	170532958	NC_000006.11
cg15298059	2.25E-24	1.43E-26	-1.24E+01	49.5929007	-2.05E-01	157668141	157668264	NC_000007.13
cg15135286	2.29E-24	1.46E-26	-1.24E+01	49.5730885	-2.56E-01	33359281	33359404	NC_000002.11
cg17515024	2.30E-24	1.46E-26	-1.24E+01	49.5688426	-2.58E-01	228644963	228645086	NC_000001.10
cg06580800	2.31E-24	1.47E-26	-1.24E+01	49.5658919	-2.60E-01	39921535	39921658	NC_000019.9
cg08380379	2.34E-24	1.49E-26	-1.24E+01	49.5508271	-3.10E-01	201652352	201652475	NC_000002.11
cg08418670	2.34E-24	1.50E-26	-1.24E+01	49.5478916	-2.82E-01	4374567	4374690	NC_000019.9
cg17571559	2.36E-24	1.51E-26	-1.24E+01	49.539738	-3.23E-01	11267525	11267648	NC_000003.11
cg15792158	2.39E-24	1.53E-26	-1.24E+01	49.5270619	-6.92E-02	113574084	113574207	NC_000012.11
cg01140244	2.47E-24	1.58E-26	-1.24E+01	49.4959926	-1.53E-01	134498960	134499083	NC_000010.10
cg20942867	2.47E-24	1.58E-26	-1.24E+01	49.4935658	-2.37E-01	27426144	27426267	NC_000001.10
cg21118367	2.47E-24	1.58E-26	-1.24E+01	49.4911209	-9.77E-02	184460875	184460998	NC_000001.10
cg08314457	2.49E-24	1.60E-26	-1.24E+01	49.4826529	-1.38E-01	77507534	77507657	NC_000014.8
cg07719679	2.49E-24	1.60E-26	-1.24E+01	49.4819502	-2.16E-01	87936392	87936515	NC_000007.13
cg13709639	2.49E-24	1.60E-26	-1.24E+01	49.4810537	-1.73E-01	49526040	49526163	NC_000012.11
cg15526708	2.52E-24	1.61E-26	-1.24E+01	49.4721824	-1.28E-01	101866433	101866556	NC_000009.11
cg06959340	2.54E-24	1.63E-26	-1.24E+01	49.4611272	-1.13E-01	23450238	23450361	NC_000014.8

cg27181349	2.56E-24	1.64E-26	-1.24E+01	49.4540578	-2.51E-01	36574854	36574977	NC_000001.10
cg00206507	2.58E-24	1.66E-26	-1.24E+01	49.4457057	-2.59E-01	72199637	72199760	NC_000006.11
cg05279738	2.64E-24	1.70E-26	-1.24E+01	49.4213693	-2.38E-01	141560204	141560327	NC_000003.11
cg06647928	2.65E-24	1.71E-26	-1.24E+01	49.4165375	-2.02E-01	73612203	73612326	NC_000005.9
cg16549596	2.67E-24	1.72E-26	-1.24E+01	49.4097255	-1.90E-01	27188587	27188710	NC_000001.10
cg25109721	2.78E-24	1.80E-26	-1.24E+01	49.3631935	-3.05E-01	48125064	48125187	NC_000017.10
cg04094838	2.80E-24	1.81E-26	-1.24E+01	49.3568859	-2.58E-01	45186145	45186268	NC_000002.11
cg06972019	2.81E-24	1.82E-26	-1.24E+01	49.3534611	-2.43E-01	8937448	8937571	NC_000001.10
cg02888518	2.82E-24	1.83E-26	-1.24E+01	49.3490337	-1.96E-01	75716672	75716795	NC_000010.10
cg17386185	2.83E-24	1.84E-26	-1.24E+01	49.3434072	-1.08E-01	52321266	52321389	NC_000003.11
cg18080046	2.85E-24	1.85E-26	-1.24E+01	49.3352928	-1.45E-01	31704844	31704967	NC_000006.11
cg25433316	2.87E-24	1.86E-26	-1.24E+01	49.3301208	-2.62E-01	10197543	10197666	NC_000002.11
cg07621749	2.87E-24	1.87E-26	-1.24E+01	49.3281216	-2.46E-01	41806141	41806264	NC_000015.9
cg14091840	2.89E-24	1.88E-26	-1.24E+01	49.3196804	-2.73E-01	218759118	218759241	NC_000001.10
cg02499308	2.92E-24	1.90E-26	-1.24E+01	49.3099826	-3.00E-01	135594780	135594903	NC_000002.11
cg26856289	2.92E-24	1.90E-26	-1.24E+01	49.3090634	-3.10E-01	24307516	24307639	NC_000001.10
cg11454459	2.93E-24	1.91E-26	-1.24E+01	49.3045673	-2.70E-01	30472048	30472171	NC_000010.10
cg04349084	2.97E-24	1.93E-26	-1.24E+01	49.2922916	-2.94E-01	23602677	23602800	NC_000008.10
cg15029037	2.97E-24	1.94E-26	-1.24E+01	49.2890463	-2.63E-01	146729164	146729287	NC_000004.11
cg12885484	3.00E-24	1.96E-26	-1.24E+01	49.2794423	-3.34E-01	6116868	6116991	NC_000007.13
cg24592513	3.03E-24	1.98E-26	-1.24E+01	49.2712488	-2.24E-01	89099589	89099712	NC_000004.11
cg21341586	3.03E-24	1.98E-26	-1.24E+01	49.2706868	-1.98E-01	99851281	99851404	NC_000004.11
cg08930413	3.04E-24	1.99E-26	-1.24E+01	49.2661205	-2.56E-01	151548036	151548159	NC_000007.13
cg00319655	3.07E-24	2.01E-26	-1.24E+01	49.2537166	-1.78E-01	79473327	79473450	NC_000004.11
cg22893605	3.08E-24	2.02E-26	-1.24E+01	49.2494331	-2.67E-01	171185324	171185447	NC_000005.9

cg19768356	3.11E-24	2.04E-26	-1.24E+01	49.239214	-1.05E-01	36547772	36547895	NC_000006.11
cg09315887	3.12E-24	2.04E-26	-1.24E+01	49.2375557	-2.25E-01	105753386	105753509	NC_000007.13
cg03316864	3.14E-24	2.06E-26	-1.24E+01	49.2286868	-1.21E-01	17906309	17906432	NC_000019.9
cg07118796	3.16E-24	2.08E-26	-1.24E+01	49.2225149	-2.37E-01	126892022	126892145	NC_000003.11
cg10820936	3.20E-24	2.10E-26	-1.24E+01	49.2106376	-3.35E-01	216871234	216871357	NC_000002.11
cg11549874	3.21E-24	2.11E-26	-1.24E+01	49.2045936	-2.24E-01	31202478	31202601	NC_000022.10
cg14475875	3.23E-24	2.13E-26	-1.24E+01	49.1978605	-1.69E-01	193856076	193856199	NC_000003.11
cg01930756	3.24E-24	2.14E-26	-1.24E+01	49.1942186	-2.01E-01	135424444	135424567	NC_000005.9
cg02544257	3.26E-24	2.14E-26	-1.24E+01	49.1901517	-2.52E-01	70510663	70510786	NC_000016.9
cg12656085	3.26E-24	2.15E-26	-1.24E+01	49.1882935	-3.03E-01	85173360	85173483	NC_000002.11
cg21370924	3.26E-24	2.15E-26	-1.24E+01	49.1880973	-2.21E-01	141087313	141087436	NC_000003.11
cg00332680	3.27E-24	2.16E-26	-1.24E+01	49.1848175	-1.54E-01	74079303	74079426	NC_000010.10
cg11288831	3.29E-24	2.17E-26	-1.24E+01	49.1783174	-2.41E-01	114880831	114880954	NC_000013.10
cg05527430	3.30E-24	2.18E-26	-1.24E+01	49.1729489	-1.37E-01	175444181	175444304	NC_000004.11
cg00418071	3.33E-24	2.20E-26	-1.24E+01	49.1638449	-1.90E-01	86073001	86073124	NC_000001.10
cg24124145	3.35E-24	2.21E-26	-1.24E+01	49.1587008	-1.72E-01	139936112	139936235	NC_000004.11
cg01799671	3.37E-24	2.23E-26	-1.24E+01	49.1521601	-3.26E-01	81560752	81560875	NC_000016.9
cg06704631	3.38E-24	2.23E-26	-1.24E+01	49.1493514	-2.25E-01	2307998	2308121	NC_000004.11
cg00557360	3.38E-24	2.24E-26	-1.24E+01	49.1487245	-1.29E-01	37230386	37230509	NC_000020.10
cg04270489	3.39E-24	2.24E-26	-1.24E+01	49.1451715	-2.61E-01	85827505	85827628	NC_000011.9
cg08206881	3.41E-24	2.26E-26	-1.24E+01	49.1383912	-2.18E-01	12317357	12317480	NC_000002.11
cg16429927	3.45E-24	2.29E-26	-1.24E+01	49.1257774	-1.40E-01	172430723	172430846	NC_000002.11
cg12761965	3.52E-24	2.33E-26	-1.24E+01	49.106006	-2.82E-01	227051345	227051468	NC_000001.10
cg12593541	3.53E-24	2.35E-26	-1.24E+01	49.1010653	-1.96E-01	181110845	181110968	NC_000001.10
cg17852932	3.58E-24	2.38E-26	-1.24E+01	49.0884268	-2.53E-01	131596064	131596187	NC_000005.9

cg25292309	3.58E-24	2.38E-26	-1.24E+01	49.0859779	-2.17E-01	58989427	58989550	NC_000002.11
cg12126901	3.59E-24	2.39E-26	-1.24E+01	49.0830256	-2.37E-01	61623366	61623489	NC_000001.10
cg13600477	3.59E-24	2.39E-26	-1.24E+01	49.0819394	-2.92E-01	29387633	29387756	NC_000008.10
cg08800893	3.61E-24	2.40E-26	-1.24E+01	49.0764819	-2.48E-01	36727569	36727692	NC_000022.10
cg26262576	3.62E-24	2.41E-26	-1.24E+01	49.073183	-2.57E-01	20420028	20420151	NC_000013.10
cg25508319	3.63E-24	2.42E-26	-1.24E+01	49.0704089	-3.18E-01	128778506	128778629	NC_000011.9
cg01421539	3.63E-24	2.42E-26	-1.24E+01	49.0703404	-1.62E-01	10748125	10748248	NC_000017.10
cg26818786	3.63E-24	2.42E-26	-1.24E+01	49.0693421	-1.40E-01	40841493	40841616	NC_000005.9
cg08951051	3.65E-24	2.44E-26	-1.24E+01	49.0632156	-1.87E-01	4993543	4993666	NC_000016.9
cg07528209	3.67E-24	2.45E-26	-1.24E+01	49.0563166	-2.61E-01	121549725	121549848	NC_000002.11
cg18880986	3.70E-24	2.47E-26	-1.24E+01	49.047582	-1.98E-01	5534951	5535074	NC_000007.13
cg18322693	3.74E-24	2.50E-26	-1.24E+01	49.0365555	-2.62E-01	217217837	217217960	NC_000002.11
cg02920600	3.79E-24	2.53E-26	-1.24E+01	49.0244752	-3.04E-01	137367341	137367464	NC_000007.13
cg10227331	3.80E-24	2.54E-26	-1.24E+01	49.0218006	-1.76E-01	8181647	8181770	NC_000001.10
cg23314364	3.82E-24	2.55E-26	-1.24E+01	49.0159776	-3.14E-01	29230998	29231121	NC_000008.10
cg09077126	3.82E-24	2.56E-26	-1.24E+01	49.0148367	-1.24E-01	72015695	72015818	NC_000010.10
cg03547062	3.83E-24	2.57E-26	-1.24E+01	49.0119409	-1.88E-01	393606	393729	NC_000011.9
cg23976431	3.97E-24	2.66E-26	-1.24E+01	48.9742422	-1.77E-01	102867025	102867148	NC_000011.9
cg09903090	4.03E-24	2.70E-26	-1.24E+01	48.959846	-8.07E-02	41910019	41910142	NC_000006.11
cg01426968	4.11E-24	2.76E-26	-1.24E+01	48.9391881	-2.32E-01	15596369	15596492	NC_000016.9
cg23552820	4.14E-24	2.79E-26	-1.24E+01	48.9297057	-2.13E-01	64272071	64272194	NC_000017.10
cg23777956	4.15E-24	2.79E-26	-1.24E+01	48.9280098	-2.06E-01	4153671	4153794	NC_000019.9
cg05979170	4.21E-24	2.84E-26	-1.24E+01	48.9122879	-2.64E-01	131974369	131974492	NC_000003.11
cg24923516	4.22E-24	2.85E-26	-1.23E+01	48.907383	-2.94E-01	127955156	127955279	NC_000002.11
cg19531130	4.25E-24	2.87E-26	-1.23E+01	48.9013511	-2.53E-01	101786659	101786782	NC_000011.9

cg07125112	4.30E-24	2.90E-26	-1.23E+01	48.8893924	-1.68E-01	44486621	44486744	NC_000015.9
cg12549411	4.36E-24	2.95E-26	-1.23E+01	48.8722128	-2.57E-01	41032864	41032987	NC_000021.8
cg02088292	4.38E-24	2.97E-26	-1.23E+01	48.8674233	-2.44E-01	235099151	235099274	NC_000001.10
cg07838272	4.40E-24	2.98E-26	-1.23E+01	48.8631466	-1.49E-01	116164670	116164793	NC_000007.13
cg04835613	4.41E-24	2.99E-26	-1.23E+01	48.8608602	-1.36E-01	39410292	39410415	NC_000022.10
cg13509147	4.41E-24	2.99E-26	-1.23E+01	48.8591128	-1.54E-01	4153603	4153726	NC_000019.9
cg16730737	4.46E-24	3.03E-26	-1.23E+01	48.8466761	-2.07E-01	31702632	31702755	NC_000006.11
cg03819134	4.50E-24	3.06E-26	-1.23E+01	48.8367106	-2.88E-01	957584	957707	NC_000005.9
cg17037231	4.52E-24	3.07E-26	-1.23E+01	48.8330951	-9.77E-02	220387027	220387150	NC_000002.11
cg15699321	4.58E-24	3.12E-26	-1.23E+01	48.8182461	-3.05E-01	170147253	170147376	NC_000004.11
cg02204618	4.60E-24	3.13E-26	-1.23E+01	48.8145431	-2.28E-01	36842633	36842756	NC_000002.11
cg11580028	4.67E-24	3.18E-26	-1.23E+01	48.797706	-1.88E-01	819603	819726	NC_000010.10
cg03654299	4.75E-24	3.24E-26	-1.23E+01	48.7811469	-1.36E-01	54389264	54389387	NC_000012.11
cg05167973	4.77E-24	3.25E-26	-1.23E+01	48.7761045	-2.53E-01	2949546	2949669	NC_000011.9
cg04246167	4.79E-24	3.27E-26	-1.23E+01	48.7719934	-3.02E-01	58984465	58984588	NC_000003.11
cg05619598	4.79E-24	3.27E-26	-1.23E+01	48.7715886	-1.75E-01	33569228	33569351	NC_000019.9
cg24563804	4.79E-24	3.27E-26	-1.23E+01	48.7706429	-1.28E-01	6452882	6453005	NC_000001.10
cg22990967	4.81E-24	3.29E-26	-1.23E+01	48.7660333	-2.65E-01	167567203	167567326	NC_000006.11
cg14152591	4.83E-24	3.30E-26	-1.23E+01	48.7608689	-2.50E-01	14587920	14588043	NC_000010.10
cg14487665	4.85E-24	3.32E-26	-1.23E+01	48.7559977	-2.39E-01	140408634	140408757	NC_000009.11
cg14080050	4.85E-24	3.32E-26	-1.23E+01	48.7559398	-2.54E-01	33159025	33159148	NC_000009.11
cg10539418	4.86E-24	3.33E-26	-1.23E+01	48.753319	-8.10E-02	69455712	69455835	NC_000011.9
cg11385003	4.87E-24	3.34E-26	-1.23E+01	48.7503363	-2.26E-01	45148332	45148455	NC_000021.8
cg15128801	4.88E-24	3.35E-26	-1.23E+01	48.7478104	-2.34E-01	68202053	68202176	NC_000001.10
cg02495395	4.93E-24	3.38E-26	-1.23E+01	48.7374996	-1.73E-01	50383368	50383491	NC_000003.11

cg26847438	4.93E-24	3.39E-26	-1.23E+01	48.7363125	-1.50E-01	231191916	231192039	NC_000002.11
cg12384572	5.08E-24	3.49E-26	-1.23E+01	48.7062265	-8.51E-02	49377951	49378074	NC_000003.11
cg16809762	5.11E-24	3.51E-26	-1.23E+01	48.700531	-2.59E-01	81327958	81328081	NC_000016.9
cg01361351	5.15E-24	3.54E-26	-1.23E+01	48.690851	-1.64E-01	29467363	29467486	NC_000022.10
cg20457051	5.18E-24	3.56E-26	-1.23E+01	48.6853977	-3.27E-01	47668044	47668167	NC_000006.11
cg26450860	5.25E-24	3.62E-26	-1.23E+01	48.6699691	-1.37E-01	125413164	125413287	NC_000012.11
cg12591668	5.34E-24	3.68E-26	-1.23E+01	48.652811	-3.82E-01	192520335	192520458	NC_000001.10
cg18572413	5.38E-24	3.71E-26	-1.23E+01	48.6443118	-2.17E-01	233741639	233741762	NC_000002.11
cg05814312	5.44E-24	3.75E-26	-1.23E+01	48.633844	-1.49E-01	29760687	29760810	NC_000010.10
cg11967546	5.44E-24	3.76E-26	-1.23E+01	48.6329547	-1.49E-01	27655170	27655293	NC_000006.11
cg04999945	5.52E-24	3.81E-26	-1.23E+01	48.6188222	-9.62E-02	10973382	10973505	NC_000016.9
cg18178715	5.53E-24	3.82E-26	-1.23E+01	48.6159261	-3.16E-01	43795999	43796122	NC_000001.10
cg07143158	5.54E-24	3.83E-26	-1.23E+01	48.6136137	-1.94E-01	12609308	12609431	NC_000001.10
cg02614129	5.54E-24	3.83E-26	-1.23E+01	48.6133006	-1.54E-01	134733615	134733738	NC_000005.9
cg21184172	5.59E-24	3.87E-26	-1.23E+01	48.6039941	-9.41E-02	97657282	97657405	NC_000008.10
cg22689909	5.59E-24	3.87E-26	-1.23E+01	48.6035827	-3.43E-01	95159365	95159488	NC_000005.9
cg16562730	5.59E-24	3.87E-26	-1.23E+01	48.6031415	-3.07E-01	71560187	71560310	NC_000016.9
cg24618514	5.61E-24	3.88E-26	-1.23E+01	48.6006291	-2.32E-01	194868507	194868630	NC_000003.11
cg19791637	5.65E-24	3.91E-26	-1.23E+01	48.5921986	-2.66E-01	30633168	30633291	NC_000002.11
cg04462662	5.65E-24	3.92E-26	-1.23E+01	48.5912847	-3.14E-01	85019773	85019896	NC_000016.9
cg01406381	5.70E-24	3.95E-26	-1.23E+01	48.5821764	-1.64E-01	47288263	47288386	NC_000019.9
cg18006637	5.71E-24	3.96E-26	-1.23E+01	48.5807288	-2.67E-01	89713820	89713943	NC_000004.11
cg26365553	5.72E-24	3.97E-26	-1.23E+01	48.577187	-2.87E-01	47290613	47290736	NC_000011.9
cg14582057	5.78E-24	4.02E-26	-1.23E+01	48.566357	-1.61E-01	4765312	4765435	NC_000007.13
cg23033691	5.79E-24	4.02E-26	-1.23E+01	48.5644124	-1.05E-01	66185611	66185734	NC_000011.9

cg07190763	5.82E-24	4.04E-26	-1.23E+01	48.5599681	-2.26E-01	114894582	114894705	NC_000013.10
cg16094145	5.92E-24	4.11E-26	-1.23E+01	48.5423283	-2.13E-01	719491	719614	NC_000012.11
cg13500576	5.96E-24	4.15E-26	-1.23E+01	48.5342197	-8.37E-02	51796588	51796711	NC_000001.10
cg04691781	6.14E-24	4.28E-26	-1.23E+01	48.5038614	-2.42E-01	89668842	89668965	NC_000016.9
cg06594281	6.18E-24	4.31E-26	-1.23E+01	48.4957705	-2.00E-01	73083692	73083815	NC_000017.10
cg19773937	6.18E-24	4.31E-26	-1.23E+01	48.4955995	-2.91E-01	60216631	60216754	NC_000001.10
cg26402417	6.22E-24	4.34E-26	-1.23E+01	48.4898471	-3.25E-01	94841384	94841507	NC_000011.9
cg05133314	6.23E-24	4.35E-26	-1.23E+01	48.4879027	-7.40E-02	6321684	6321807	NC_000001.10
cg07671776	6.24E-24	4.36E-26	-1.23E+01	48.485243	-1.76E-01	105615678	105615801	NC_000010.10
cg23251790	6.33E-24	4.42E-26	-1.23E+01	48.4707949	-2.66E-01	223853949	223854072	NC_000001.10
cg22795471	6.43E-24	4.50E-26	-1.23E+01	48.4531477	-1.87E-01	29565099	29565222	NC_000001.10
cg06644105	6.47E-24	4.54E-26	-1.23E+01	48.4455198	-1.10E-01	1260674	1260797	NC_000019.9
cg06513470	6.48E-24	4.54E-26	-1.23E+01	48.4443422	-2.38E-01	90066769	90066892	NC_000016.9
cg25898076	6.57E-24	4.61E-26	-1.23E+01	48.4293931	-1.94E-01	131559071	131559194	NC_000012.11
cg09115713	6.59E-24	4.62E-26	-1.23E+01	48.4264929	-2.02E-01	88832476	88832599	NC_000016.9
cg13278004	6.61E-24	4.64E-26	-1.23E+01	48.4233165	-2.09E-01	231191876	231191999	NC_000002.11
cg07313701	6.62E-24	4.65E-26	-1.23E+01	48.4206666	-2.55E-01	42447165	42447288	NC_000001.10
cg23838005	6.62E-24	4.65E-26	-1.23E+01	48.4205417	-2.58E-01	74868604	74868727	NC_000017.10
cg01750157	6.72E-24	4.73E-26	-1.23E+01	48.4032506	-9.54E-02	72426840	72426963	NC_000017.10
cg26168881	6.81E-24	4.80E-26	-1.23E+01	48.3900429	-2.41E-01	9451170	9451293	NC_000002.11
cg04797957	6.88E-24	4.85E-26	-1.23E+01	48.3792381	-2.11E-01	76840488	76840611	NC_000017.10
cg04808179	6.89E-24	4.86E-26	-1.23E+01	48.3771544	-1.19E-01	58529306	58529429	NC_000016.9
cg14324585	6.90E-24	4.87E-26	-1.23E+01	48.3752653	-1.20E-01	145026051	145026174	NC_000008.10
cg20127859	6.91E-24	4.88E-26	-1.23E+01	48.372106	-2.37E-01	144656271	144656394	NC_000008.10
cg12685560	7.03E-24	4.97E-26	-1.23E+01	48.3541376	-1.72E-01	2302144	2302267	NC_000017.10

cg18576374	7.13E-24	5.05E-26	-1.23E+01	48.3396251	-1.76E-01	78549371	78549494	NC_000017.10
cg27461542	7.21E-24	5.11E-26	-1.23E+01	48.3279083	-2.80E-01	48317878	48318001	NC_000010.10
cg16677448	7.22E-24	5.11E-26	-1.23E+01	48.3264246	-2.29E-01	36004699	36004822	NC_000019.9
cg25788793	7.32E-24	5.19E-26	-1.23E+01	48.3111935	-1.49E-01	10034580	10034703	NC_000004.11
cg23526474	7.45E-24	5.28E-26	-1.23E+01	48.2940719	-2.24E-01	18111623	18111746	NC_000019.9
cg20329220	7.46E-24	5.29E-26	-1.23E+01	48.2920743	-1.82E-01	78286521	78286644	NC_000015.9
cg02386420	7.46E-24	5.30E-26	-1.23E+01	48.2911504	-2.40E-01	78806870	78806993	NC_000017.10
cg12307314	7.50E-24	5.33E-26	-1.23E+01	48.2849732	-2.04E-01	142206724	142206847	NC_000005.9
cg24983862	7.51E-24	5.34E-26	-1.23E+01	48.2834492	-1.32E-01	65242497	65242620	NC_000017.10
cg00941203	7.55E-24	5.37E-26	-1.23E+01	48.2778905	-1.39E-01	31016591	31016714	NC_000010.10
cg01336231	7.62E-24	5.42E-26	-1.23E+01	48.2684028	-2.88E-01	16523047	16523170	NC_000003.11
cg01888869	7.62E-24	5.43E-26	-1.23E+01	48.266294	-5.57E-02	31366418	31366541	NC_000016.9
cg17162475	7.69E-24	5.49E-26	-1.23E+01	48.2562642	-1.38E-01	74162074	74162197	NC_000006.11
cg13417862	7.69E-24	5.49E-26	-1.23E+01	48.2558375	-2.43E-01	855238	855361	NC_000017.10
cg21838115	7.70E-24	5.50E-26	-1.23E+01	48.2539228	-1.75E-01	45645436	45645559	NC_000006.11
cg21323106	7.70E-24	5.50E-26	-1.23E+01	48.2537429	-2.57E-01	157348237	157348360	NC_000007.13
cg03887721	7.70E-24	5.50E-26	-1.23E+01	48.2536064	-2.78E-01	106756690	106756813	NC_000013.10
cg16298481	7.82E-24	5.59E-26	-1.23E+01	48.2378241	-9.98E-02	89989717	89989840	NC_000001.10
cg23021584	7.88E-24	5.65E-26	-1.23E+01	48.2277653	-2.90E-01	124876101	124876224	NC_000012.11
cg07392702	8.05E-24	5.77E-26	-1.22E+01	48.2057644	-2.01E-01	158595915	158596038	NC_000007.13
cg22473727	8.14E-24	5.84E-26	-1.22E+01	48.1940146	-2.28E-01	172199667	172199790	NC_000005.9
cg17079034	8.17E-24	5.87E-26	-1.22E+01	48.1895252	-1.75E-01	239047280	239047403	NC_000002.11
cg04196298	8.20E-24	5.89E-26	-1.22E+01	48.18569	-1.97E-01	1480710	1480833	NC_000017.10
cg03921696	8.30E-24	5.97E-26	-1.22E+01	48.1720883	-2.43E-01	156848137	156848260	NC_000003.11
cg19781870	8.30E-24	5.98E-26	-1.22E+01	48.171385	-1.71E-01	38714285	38714408	NC_000022.10



cg07507418	8.32E-24	5.99E-26	-1.22E+01	48.1693149	-2.56E-01	42372284	42372407	NC_000006.11
cg13765004	8.36E-24	6.03E-26	-1.22E+01	48.1634409	-1.98E-01	46459462	46459585	NC_000019.9
cg23072161	8.51E-24	6.13E-26	-1.22E+01	48.1455244	-2.64E-01	16489115	16489238	NC_000001.10
cg19516647	8.62E-24	6.22E-26	-1.22E+01	48.1326152	-1.65E-01	2458256	2458379	NC_000001.10
cg07697770	8.73E-24	6.30E-26	-1.22E+01	48.1195489	-2.15E-01	135389705	135389828	NC_000005.9
cg05624300	8.75E-24	6.32E-26	-1.22E+01	48.1166289	-1.15E-01	2517622	2517745	NC_000016.9
cg21961202	8.79E-24	6.35E-26	-1.22E+01	48.1111572	-2.01E-01	145455384	145455507	NC_000001.10
cg10574566	8.82E-24	6.38E-26	-1.22E+01	48.1067115	-1.87E-01	203377808	203377931	NC_000001.10
cg27407935	8.83E-24	6.38E-26	-1.22E+01	48.1061003	-1.65E-01	17723235	17723358	NC_000017.10
cg17184704	9.00E-24	6.52E-26	-1.22E+01	48.0857441	-3.52E-01	11727286	11727409	NC_000010.10
cg05415131	9.11E-24	6.60E-26	-1.22E+01	48.0725936	-1.80E-01	58940866	58940989	NC_000011.9
cg25538881	9.12E-24	6.61E-26	-1.22E+01	48.0718954	-2.54E-01	129294825	129294948	NC_000002.11
cg02010852	9.12E-24	6.61E-26	-1.22E+01	48.071351	-2.14E-01	126118355	126118478	NC_000009.11
cg02931464	9.13E-24	6.62E-26	-1.22E+01	48.0697646	-1.94E-01	121826303	121826426	NC_000012.11
cg26700919	9.17E-24	6.66E-26	-1.22E+01	48.0646503	-3.15E-01	13375474	13375597	NC_000018.9
cg22117188	9.18E-24	6.67E-26	-1.22E+01	48.0627977	-2.03E-01	52347940	52348063	NC_000003.11
cg00399175	9.22E-24	6.70E-26	-1.22E+01	48.0579011	-1.22E-01	26395448	26395571	NC_000002.11
cg20031845	9.26E-24	6.74E-26	-1.22E+01	48.0527383	-3.14E-01	50306663	50306786	NC_000007.13
cg14254867	9.29E-24	6.76E-26	-1.22E+01	48.0491938	-1.01E-01	47088432	47088555	NC_000018.9
cg21574271	9.30E-24	6.77E-26	-1.22E+01	48.0483584	-3.01E-01	96051461	96051584	NC_000004.11
cg11201447	9.32E-24	6.79E-26	-1.22E+01	48.0447418	-3.57E-01	128808063	128808186	NC_000008.10
cg06735243	9.36E-24	6.82E-26	-1.22E+01	48.0400539	-1.98E-01	233766658	233766781	NC_000002.11
cg22321808	9.38E-24	6.83E-26	-1.22E+01	48.0382877	-2.38E-01	47257584	47257707	NC_000002.11
cg02394249	9.47E-24	6.90E-26	-1.22E+01	48.0281376	-2.85E-01	93140078	93140201	NC_000012.11
cg20697025	9.51E-24	6.94E-26	-1.22E+01	48.023516	-2.54E-01	1553203	1553326	NC_000007.13

cg24028809	9.52E-24	6.95E-26	-1.22E+01	48.0215014	-3.39E-01	153414101	153414224	NC_000006.11
cg06002952	9.54E-24	6.97E-26	-1.22E+01	48.0191653	-2.85E-01	129013349	129013472	NC_000011.9
cg15378219	9.74E-24	7.12E-26	-1.22E+01	47.9979075	-9.18E-02	23399599	23399722	NC_000014.8
cg18516619	9.74E-24	7.12E-26	-1.22E+01	47.9972404	-2.63E-01	78806891	78807014	NC_000017.10
cg19857761	9.82E-24	7.19E-26	-1.22E+01	47.9880322	-1.48E-01	1174522	1174645	NC_000005.9
cg09570214	9.90E-24	7.24E-26	-1.22E+01	47.9803239	-2.04E-01	110326108	110326231	NC_000012.11
cg04098194	9.91E-24	7.26E-26	-1.22E+01	47.9786091	-1.84E-01	1241087	1241210	NC_000001.10
cg16247269	9.93E-24	7.28E-26	-1.22E+01	47.976096	-2.09E-01	148513941	148514064	NC_000005.9
cg05582690	1.01E-23	7.39E-26	-1.22E+01	47.9603408	-2.23E-01	128158906	128159029	NC_000002.11
cg17333042	1.01E-23	7.41E-26	-1.22E+01	47.9582659	-2.00E-01	102822201	102822324	NC_000010.10
cg00568555	1.01E-23	7.41E-26	-1.22E+01	47.957976	-1.26E-01	35520846	35520969	NC_000019.9
cg13749927	1.01E-23	7.45E-26	-1.22E+01	47.9527415	-1.82E-01	47237958	47238081	NC_000011.9
cg07989851	1.04E-23	7.62E-26	-1.22E+01	47.9300142	-2.44E-01	38117466	38117589	NC_000015.9
cg00417094	1.04E-23	7.63E-26	-1.22E+01	47.9283427	-1.66E-01	167417043	167417166	NC_000001.10
cg16269418	1.05E-23	7.70E-26	-1.22E+01	47.9194932	-1.76E-01	155043883	155044006	NC_000001.10
cg20530855	1.05E-23	7.76E-26	-1.22E+01	47.9119327	-1.38E-01	125755151	125755274	NC_000010.10
cg02661728	1.06E-23	7.79E-26	-1.22E+01	47.9085062	-2.89E-01	17018326	17018449	NC_000007.13
cg14106234	1.06E-23	7.83E-26	-1.22E+01	47.9025303	-2.54E-01	3805326	3805449	NC_000010.10
cg10168494	1.07E-23	7.86E-26	-1.22E+01	47.8993347	-2.33E-01	187635183	187635306	NC_000003.11
cg26818489	1.07E-23	7.88E-26	-1.22E+01	47.8964664	-1.78E-01	119380820	119380943	NC_000011.9
cg27189973	1.07E-23	7.89E-26	-1.22E+01	47.895176	-1.96E-01	88850755	88850878	NC_000016.9
cg06942649	1.08E-23	7.97E-26	-1.22E+01	47.8851247	-2.87E-01	436813	436936	NC_000008.10
cg06081306	1.09E-23	8.02E-26	-1.22E+01	47.8792909	-1.18E-01	37760830	37760953	NC_000017.10
cg25298161	1.09E-23	8.06E-26	-1.22E+01	47.8738675	-2.73E-01	41806135	41806258	NC_000015.9
cg22007110	1.11E-23	8.22E-26	-1.22E+01	47.8549416	-2.70E-01	30737599	30737722	NC_000007.13

cg25355291	1.11E-23	8.26E-26	-1.22E+01	47.8498677	-2.64E-01	29369401	29369524	NC_000008.10
cg10206344	1.13E-23	8.37E-26	-1.22E+01	47.8367501	-1.34E-01	31483277	31483400	NC_000016.9
cg11533712	1.14E-23	8.44E-26	-1.22E+01	47.8288285	-2.40E-01	46934981	46935104	NC_000022.10
cg12359904	1.15E-23	8.51E-26	-1.22E+01	47.8205176	-2.94E-01	156848454	156848577	NC_000003.11
cg02231066	1.16E-23	8.62E-26	-1.22E+01	47.8079625	-2.65E-01	52567130	52567253	NC_000003.11
cg02462661	1.16E-23	8.65E-26	-1.22E+01	47.8036133	-2.22E-01	74275622	74275745	NC_000015.9
cg15491247	1.17E-23	8.74E-26	-1.22E+01	47.7944129	-2.09E-01	3230424	3230547	NC_000001.10
cg07086918	1.20E-23	8.93E-26	-1.22E+01	47.7728094	-2.37E-01	176784688	176784811	NC_000005.9
cg26824216	1.20E-23	8.96E-26	-1.22E+01	47.7689952	-1.84E-01	187086147	187086270	NC_000003.11
cg19343530	1.21E-23	9.06E-26	-1.22E+01	47.7581121	-1.14E-01	28831388	28831511	NC_000006.11
cg23283335	1.22E-23	9.08E-26	-1.22E+01	47.7556863	-2.20E-01	1013317	1013440	NC_000017.10
cg11911769	1.22E-23	9.09E-26	-1.22E+01	47.7548842	-2.94E-01	101768676	101768799	NC_000007.13
cg13092901	1.23E-23	9.18E-26	-1.22E+01	47.7445701	-2.19E-01	50965373	50965496	NC_000022.10
cg01722566	1.25E-23	9.39E-26	-1.22E+01	47.7227517	-1.98E-01	84975714	84975837	NC_000016.9
cg20598190	1.26E-23	9.40E-26	-1.22E+01	47.7215858	-2.75E-01	240866924	240867047	NC_000002.11
cg20827128	1.26E-23	9.41E-26	-1.22E+01	47.7201684	-2.55E-01	13274284	13274407	NC_000006.11
cg14096207	1.26E-23	9.45E-26	-1.22E+01	47.7164153	-1.99E-01	223407010	223407133	NC_000001.10
cg03590328	1.27E-23	9.54E-26	-1.22E+01	47.7070474	-1.52E-01	2684462	2684585	NC_000007.13
cg05127153	1.28E-23	9.63E-26	-1.22E+01	47.6979511	-4.49E-02	6452942	6453065	NC_000001.10
cg02577436	1.29E-23	9.65E-26	-1.22E+01	47.6949772	-1.34E-01	8271369	8271492	NC_000004.11
cg25095994	1.29E-23	9.68E-26	-1.22E+01	47.6922573	-3.03E-01	231191727	231191850	NC_000002.11
cg03211864	1.30E-23	9.80E-26	-1.22E+01	47.6796614	-1.42E-01	124060833	124060956	NC_000010.10
cg14329059	1.31E-23	9.87E-26	-1.22E+01	47.6732966	-1.63E-01	58940964	58941087	NC_000011.9
cg13019306	1.31E-23	9.89E-26	-1.22E+01	47.6715367	-2.62E-01	145155873	145155996	NC_000005.9
cg11918450	1.32E-23	9.94E-26	-1.22E+01	47.6665382	-2.69E-01	33359198	33359321	NC_000002.11

cg07115110	1.32E-23	9.97E-26	-1.22E+01	47.663569	-1.58E-01	46250024	46250147	NC_000003.11
cg26361436	1.32E-23	9.98E-26	-1.22E+01	47.6617232	-2.47E-01	10921186	10921309	NC_000011.9
cg01905967	1.33E-23	1.00E-25	-1.22E+01	47.6577796	-2.76E-01	172185201	172185324	NC_000005.9
cg17940587	1.34E-23	1.01E-25	-1.22E+01	47.6474657	-1.87E-01	89292231	89292354	NC_000010.10
cg06271128	1.35E-23	1.02E-25	-1.22E+01	47.6424959	-1.65E-01	34955525	34955648	NC_000010.10
cg09721427	1.38E-23	1.04E-25	-1.22E+01	47.6202205	-1.48E-01	94448702	94448825	NC_000010.10
cg11549025	1.40E-23	1.06E-25	-1.22E+01	47.6039434	-2.77E-01	75994082	75994205	NC_000007.13
cg24539599	1.40E-23	1.06E-25	-1.22E+01	47.599867	-1.87E-01	112824920	112825043	NC_000005.9
cg09884146	1.42E-23	1.07E-25	-1.22E+01	47.5914967	-3.27E-01	65593908	65594031	NC_000002.11
cg08764914	1.42E-23	1.07E-25	-1.22E+01	47.5899541	-1.69E-01	79553422	79553545	NC_000005.9
cg14566624	1.42E-23	1.08E-25	-1.22E+01	47.5874439	-1.37E-01	6321582	6321705	NC_000001.10
cg02313986	1.43E-23	1.09E-25	-1.22E+01	47.5787519	-1.91E-01	40672041	40672164	NC_000015.9
cg09825309	1.43E-23	1.09E-25	-1.22E+01	47.5786828	-2.45E-01	124990897	124991020	NC_000012.11
cg19028462	1.44E-23	1.09E-25	-1.22E+01	47.5742236	-2.65E-01	113677628	113677751	NC_000013.10
cg13579752	1.44E-23	1.09E-25	-1.22E+01	47.5718129	-2.21E-01	153577937	153578060	NC_000005.9
cg20972199	1.45E-23	1.10E-25	-1.22E+01	47.5657943	-2.47E-01	69065333	69065456	NC_000011.9
cg02518245	1.46E-23	1.11E-25	-1.22E+01	47.5600523	-2.29E-01	51573168	51573291	NC_000016.9
cg02697427	1.47E-23	1.11E-25	-1.22E+01	47.5540381	-2.30E-01	29196668	29196791	NC_000016.9
cg11583392	1.47E-23	1.11E-25	-1.22E+01	47.5539568	-1.96E-01	103087458	103087581	NC_000007.13
cg16405432	1.48E-23	1.12E-25	-1.22E+01	47.5465041	-2.62E-01	95973710	95973833	NC_000014.8
cg03741862	1.48E-23	1.13E-25	-1.22E+01	47.5415961	-1.98E-01	63225392	63225515	NC_000017.10
cg22900476	1.49E-23	1.13E-25	-1.22E+01	47.5360153	-2.69E-01	173647945	173648068	NC_000002.11
cg10397389	1.49E-23	1.14E-25	-1.22E+01	47.5336767	-3.13E-01	100738011	100738134	NC_000004.11
cg02181506	1.50E-23	1.14E-25	-1.22E+01	47.5272118	-1.09E-01	94856984	94857107	NC_000014.8
cg15281283	1.51E-23	1.15E-25	-1.21E+01	47.5187067	-2.63E-01	42733894	42734017	NC_000021.8

cg11293610	1.55E-23	1.18E-25	-1.21E+01	47.4949195	-1.19E-01	34755681	34755804	NC_000021.8
cg19451021	1.55E-23	1.18E-25	-1.21E+01	47.4928053	-2.44E-01	103538032	103538155	NC_000014.8
cg04019522	1.55E-23	1.18E-25	-1.21E+01	47.4918692	-2.07E-01	127852450	127852573	NC_000002.11
cg15536663	1.56E-23	1.19E-25	-1.21E+01	47.4883718	-2.37E-01	111665548	111665671	NC_000005.9
cg15369512	1.56E-23	1.19E-25	-1.21E+01	47.4856789	-1.33E-01	1012967	1013090	NC_000017.10
cg13905238	1.57E-23	1.20E-25	-1.21E+01	47.4804587	-2.63E-01	197155273	197155396	NC_000003.11
cg24851858	1.58E-23	1.21E-25	-1.21E+01	47.4727054	-2.47E-01	114927579	114927702	NC_000013.10
cg16063989	1.59E-23	1.21E-25	-1.21E+01	47.4674308	-1.50E-01	139929855	139929978	NC_000007.13
cg26954174	1.59E-23	1.22E-25	-1.21E+01	47.4654252	-2.38E-01	50730813	50730936	NC_000016.9
cg27020690	1.59E-23	1.22E-25	-1.21E+01	47.4648475	-1.55E-01	169482358	169482481	NC_000003.11
cg18002814	1.59E-23	1.22E-25	-1.21E+01	47.4624987	-2.18E-01	15406377	15406500	NC_000017.10
cg01088404	1.59E-23	1.22E-25	-1.21E+01	47.4618912	-1.69E-01	48214523	48214646	NC_000012.11
cg10452704	1.60E-23	1.23E-25	-1.21E+01	47.4561674	-1.62E-01	1993125	1993248	NC_000008.10
cg14506696	1.60E-23	1.23E-25	-1.21E+01	47.4561624	-2.86E-01	100737830	100737953	NC_000004.11
cg08772789	1.60E-23	1.23E-25	-1.21E+01	47.4544053	-2.43E-01	75318655	75318778	NC_000017.10
cg03568017	1.61E-23	1.23E-25	-1.21E+01	47.4526587	-2.30E-01	75315503	75315626	NC_000017.10
cg17758048	1.64E-23	1.26E-25	-1.21E+01	47.4340955	-3.13E-01	79352883	79353006	NC_000010.10
cg18205883	1.66E-23	1.28E-25	-1.21E+01	47.4167052	-2.37E-01	821718	821841	NC_000010.10
cg25793571	1.66E-23	1.28E-25	-1.21E+01	47.4160361	-7.01E-02	128597852	128597975	NC_000003.11
cg11970797	1.67E-23	1.28E-25	-1.21E+01	47.4127391	-3.24E-01	20994066	20994189	NC_000013.10
cg04396998	1.68E-23	1.29E-25	-1.21E+01	47.4077693	-2.18E-01	49376722	49376845	NC_000019.9
cg19940644	1.68E-23	1.29E-25	-1.21E+01	47.404413	-1.91E-01	12112386	12112509	NC_000001.10
cg02049833	1.69E-23	1.30E-25	-1.21E+01	47.3999125	-2.99E-01	101434611	101434734	NC_000002.11
cg19484680	1.69E-23	1.30E-25	-1.21E+01	47.3998593	-2.25E-01	53241452	53241575	NC_000012.11
cg10005565	1.69E-23	1.30E-25	-1.21E+01	47.3964452	-2.28E-01	235578952	235579075	NC_000002.11

cg25252598	1.69E-23	1.30E-25	-1.21E+01	47.3962878	-1.41E-01	6641602	6641725	NC_000012.11
cg05656374	1.70E-23	1.31E-25	-1.21E+01	47.3935131	-2.48E-01	42733825	42733948	NC_000021.8
cg00233633	1.73E-23	1.33E-25	-1.21E+01	47.3761123	-2.32E-01	29153560	29153683	NC_000007.13
cg01670771	1.73E-23	1.34E-25	-1.21E+01	47.3726254	-1.97E-01	31009232	31009355	NC_000016.9
cg19729744	1.74E-23	1.34E-25	-1.21E+01	47.3659716	-2.49E-01	194752020	194752143	NC_000003.11
cg16967583	1.75E-23	1.35E-25	-1.21E+01	47.3644417	-2.19E-01	241807859	241807982	NC_000002.11
cg06433467	1.77E-23	1.37E-25	-1.21E+01	47.3496615	-2.79E-01	67730071	67730194	NC_000005.9
cg27659974	1.78E-23	1.37E-25	-1.21E+01	47.3448184	-1.22E-01	172430816	172430939	NC_000002.11
cg16728539	1.78E-23	1.38E-25	-1.21E+01	47.3407262	-3.32E-01	2451169	2451292	NC_000012.11
cg09863659	1.80E-23	1.39E-25	-1.21E+01	47.3306312	-1.20E-01	30328246	30328369	NC_000020.10
cg00950497	1.81E-23	1.40E-25	-1.21E+01	47.3281787	-2.68E-01	116393423	116393546	NC_000010.10
cg26612165	1.81E-23	1.40E-25	-1.21E+01	47.3261626	-1.97E-01	181059499	181059622	NC_000001.10
cg09046979	1.81E-23	1.40E-25	-1.21E+01	47.3254676	-1.94E-01	28333134	28333257	NC_000016.9
cg02598079	1.82E-23	1.41E-25	-1.21E+01	47.3189064	-3.12E-01	64834106	64834229	NC_000002.11
cg18149745	1.84E-23	1.42E-25	-1.21E+01	47.3090127	-2.73E-01	197094595	197094718	NC_000003.11
cg10284771	1.84E-23	1.43E-25	-1.21E+01	47.306109	-1.58E-01	45645204	45645327	NC_000006.11
cg23542902	1.86E-23	1.45E-25	-1.21E+01	47.2939919	-3.09E-01	193807749	193807872	NC_000003.11
cg19464524	1.87E-23	1.45E-25	-1.21E+01	47.2897452	-2.54E-01	93870321	93870444	NC_000010.10
cg10732871	1.89E-23	1.46E-25	-1.21E+01	47.2808232	-1.68E-01	1102675	1102798	NC_000019.9
cg07274998	1.90E-23	1.48E-25	-1.21E+01	47.2736727	-1.08E-01	126107781	126107904	NC_000010.10
cg19273773	1.91E-23	1.49E-25	-1.21E+01	47.265816	-1.03E-01	102790112	102790235	NC_000007.13
cg15294851	1.91E-23	1.49E-25	-1.21E+01	47.2656085	-2.09E-01	71679959	71680082	NC_000002.11
cg02914097	1.92E-23	1.49E-25	-1.21E+01	47.2616996	-3.01E-01	31118948	31119071	NC_000003.11
cg16957313	1.95E-23	1.52E-25	-1.21E+01	47.2439735	-2.51E-01	172199661	172199784	NC_000005.9
cg24169486	1.95E-23	1.52E-25	-1.21E+01	47.2426842	-2.80E-01	106971568	106971691	NC_000013.10

cg00556407	1.95E-23	1.52E-25	-1.21E+01	47.2421893	-1.06E-01	95369439	95369562	NC_000008.10
cg20000220	1.97E-23	1.53E-25	-1.21E+01	47.2350258	-2.40E-01	144800997	144801120	NC_000008.10
cg03916189	2.02E-23	1.58E-25	-1.21E+01	47.2080768	-1.97E-01	132360049	132360172	NC_000009.11
cg05213661	2.02E-23	1.58E-25	-1.21E+01	47.2078755	-1.87E-01	1227968	1228091	NC_000005.9
cg26392708	2.03E-23	1.59E-25	-1.21E+01	47.2005997	-1.61E-01	6170926	6171049	NC_000010.10
cg09214398	2.04E-23	1.60E-25	-1.21E+01	47.1957475	-2.30E-01	78556534	78556657	NC_000015.9
cg25416067	2.05E-23	1.61E-25	-1.21E+01	47.1892748	-2.75E-01	75315667	75315790	NC_000017.10
cg09802186	2.05E-23	1.61E-25	-1.21E+01	47.1880198	-2.28E-01	88184998	88185121	NC_000016.9
cg24401262	2.07E-23	1.62E-25	-1.21E+01	47.1797204	-2.70E-01	31956405	31956528	NC_000001.10
cg02724909	2.07E-23	1.63E-25	-1.21E+01	47.1773026	-1.79E-01	149625104	149625227	NC_000005.9
cg08371391	2.08E-23	1.63E-25	-1.21E+01	47.1761146	-2.38E-01	19739935	19740058	NC_000020.10
cg23516310	2.08E-23	1.63E-25	-1.21E+01	47.1758555	-2.70E-01	73417197	73417320	NC_000007.13
cg12396969	2.08E-23	1.63E-25	-1.21E+01	47.1736726	-6.38E-02	27319532	27319655	NC_000001.10
cg10857221	2.09E-23	1.64E-25	-1.21E+01	47.1700565	-1.96E-01	75282140	75282263	NC_000017.10
cg13123723	2.10E-23	1.65E-25	-1.21E+01	47.1613001	-1.74E-01	37365885	37366008	NC_000017.10
cg01291854	2.11E-23	1.65E-25	-1.21E+01	47.1598094	-3.33E-01	96613911	96614034	NC_000012.11
cg27610941	2.11E-23	1.66E-25	-1.21E+01	47.1567091	-5.37E-02	72984467	72984590	NC_000017.10
cg04937184	2.15E-23	1.69E-25	-1.21E+01	47.1365527	-2.61E-01	54423845	54423968	NC_000014.8
cg06400428	2.17E-23	1.71E-25	-1.21E+01	47.1291096	-2.46E-01	102107666	102107789	NC_000010.10
cg04888360	2.17E-23	1.71E-25	-1.21E+01	47.1284763	-2.24E-01	99648780	99648903	NC_000010.10
cg19972648	2.18E-23	1.71E-25	-1.21E+01	47.125875	-2.86E-01	79110632	79110755	NC_000010.10
cg04510459	2.18E-23	1.71E-25	-1.21E+01	47.1248871	-2.11E-01	92048287	92048410	NC_000001.10
cg11906021	2.18E-23	1.72E-25	-1.21E+01	47.1211385	-2.66E-01	47467221	47467344	NC_000017.10
cg25607249	2.20E-23	1.74E-25	-1.21E+01	47.1105057	-1.63E-01	47288039	47288162	NC_000019.9
cg24935896	2.22E-23	1.75E-25	-1.21E+01	47.1029968	-2.61E-01	201431492	201431615	NC_000001.10

cg23378074	2.23E-23	1.76E-25	-1.21E+01	47.0966245	-2.31E-01	30947871	30947994	NC_000012.11
cg00004700	2.24E-23	1.77E-25	-1.21E+01	47.0941358	-3.09E-01	106013885	106014008	NC_000002.11
cg05376810	2.25E-23	1.78E-25	-1.21E+01	47.089217	-2.58E-01	74511493	74511616	NC_000017.10
cg12055114	2.26E-23	1.79E-25	-1.21E+01	47.0840081	-1.31E-01	2457232	2457355	NC_000019.9
cg21614638	2.27E-23	1.79E-25	-1.21E+01	47.0804799	-2.92E-01	100737821	100737944	NC_000004.11
cg15657641	2.28E-23	1.80E-25	-1.21E+01	47.0743257	-1.43E-01	47939769	47939892	NC_000011.9
cg20389635	2.28E-23	1.80E-25	-1.21E+01	47.0743099	-2.98E-01	28120054	28120177	NC_000012.11
cg22367310	2.34E-23	1.86E-25	-1.21E+01	47.0462285	-2.19E-01	241856114	241856237	NC_000002.11
cg24508974	2.36E-23	1.87E-25	-1.21E+01	47.0382494	-8.28E-02	103330391	103330514	NC_000010.10
cg27125645	2.39E-23	1.90E-25	-1.21E+01	47.0220107	-1.12E-01	124246434	124246557	NC_000012.11
cg24925163	2.44E-23	1.94E-25	-1.21E+01	47.0025738	-1.85E-01	128458248	128458371	NC_000002.11
cg15653254	2.45E-23	1.95E-25	-1.21E+01	46.9978085	-2.23E-01	227448670	227448793	NC_000002.11
cg21175642	2.48E-23	1.98E-25	-1.21E+01	46.9828116	-9.87E-02	48701770	48701893	NC_000003.11
cg26449680	2.49E-23	1.98E-25	-1.21E+01	46.9811721	-1.69E-01	38714272	38714395	NC_000022.10
cg08123444	2.50E-23	1.99E-25	-1.21E+01	46.9739774	-2.95E-01	9833101	9833224	NC_000002.11
cg24599709	2.51E-23	2.01E-25	-1.21E+01	46.9688377	-2.85E-01	26578508	26578631	NC_000002.11
cg26870803	2.54E-23	2.03E-25	-1.21E+01	46.958676	-1.15E-01	66624853	66624976	NC_000011.9
cg06748147	2.57E-23	2.05E-25	-1.21E+01	46.94603	-1.58E-01	38714287	38714410	NC_000022.10
cg17525411	2.58E-23	2.06E-25	-1.21E+01	46.942478	-1.20E-01	7341580	7341703	NC_000012.11
cg15342087	2.59E-23	2.07E-25	-1.21E+01	46.9374395	-2.54E-01	30720209	30720332	NC_000006.11
cg13186830	2.66E-23	2.13E-25	-1.21E+01	46.9111019	-1.84E-01	4141193	4141316	NC_000012.11
cg04995846	2.67E-23	2.13E-25	-1.21E+01	46.9068495	-1.01E-01	154943300	154943423	NC_000001.10
cg26690592	2.69E-23	2.15E-25	-1.21E+01	46.8976291	-1.47E-01	19261879	19262002	NC_000011.9
cg11075693	2.69E-23	2.16E-25	-1.21E+01	46.8969466	-1.01E-01	82461261	82461384	NC_000006.11
cg08412885	2.70E-23	2.16E-25	-1.21E+01	46.8948749	-1.75E-01	31649479	31649602	NC_000006.11



cg04212150	2.72E-23	2.18E-25	-1.21E+01	46.8870047	-2.32E-01	56531132	56531255	NC_000018.9
cg05899471	2.72E-23	2.18E-25	-1.21E+01	46.8859812	-2.57E-01	101456433	101456556	NC_000014.8
cg26400954	2.77E-23	2.23E-25	-1.21E+01	46.8655367	-3.14E-01	76291075	76291198	NC_000013.10
cg00590761	2.78E-23	2.23E-25	-1.21E+01	46.8643831	-1.58E-01	55008319	55008442	NC_000001.10
cg03597159	2.79E-23	2.24E-25	-1.21E+01	46.8599089	-2.94E-01	140910561	140910684	NC_000004.11
cg03585053	2.82E-23	2.27E-25	-1.21E+01	46.8474619	-2.34E-01	240169028	240169151	NC_000002.11
cg01749904	2.82E-23	2.27E-25	-1.21E+01	46.8462656	-2.29E-01	89687052	89687175	NC_000016.9
cg16277510	2.83E-23	2.28E-25	-1.21E+01	46.8421154	-5.87E-02	54421395	54421518	NC_000014.8
cg21868063	2.86E-23	2.30E-25	-1.21E+01	46.8325425	-2.64E-01	74869001	74869124	NC_000017.10
cg03257179	2.88E-23	2.32E-25	-1.20E+01	46.8231173	-2.19E-01	41805946	41806069	NC_000015.9
cg22301854	2.89E-23	2.33E-25	-1.20E+01	46.820548	-2.06E-01	8081109	8081232	NC_000004.11
cg16912957	2.90E-23	2.34E-25	-1.20E+01	46.8155224	-1.94E-01	30124214	30124337	NC_000006.11
cg08141959	2.94E-23	2.37E-25	-1.20E+01	46.8019807	-3.26E-01	106809125	106809248	NC_000013.10
cg22670759	2.94E-23	2.38E-25	-1.20E+01	46.8003671	-2.25E-01	50487955	50488078	NC_000003.11
cg13435834	2.95E-23	2.38E-25	-1.20E+01	46.7967875	-2.43E-01	1123508	1123631	NC_000007.13
cg00008629	2.96E-23	2.39E-25	-1.20E+01	46.7945224	-2.90E-01	115093661	115093784	NC_000009.11
cg17745211	2.96E-23	2.39E-25	-1.20E+01	46.7930947	-1.33E-01	74725369	74725492	NC_000002.11
cg04658027	2.96E-23	2.39E-25	-1.20E+01	46.7928912	-1.35E-01	31702774	31702897	NC_000006.11
cg26351132	2.98E-23	2.41E-25	-1.20E+01	46.7868211	-1.36E-01	47049890	47050013	NC_000017.10
cg26301953	2.99E-23	2.42E-25	-1.20E+01	46.7803973	-1.51E-01	32164503	32164626	NC_000006.11
cg21946631	3.00E-23	2.43E-25	-1.20E+01	46.7771605	-2.62E-01	90879360	90879483	NC_000007.13
cg01431184	3.03E-23	2.46E-25	-1.20E+01	46.76612	-2.42E-01	1921075	1921198	NC_000016.9
cg08360599	3.09E-23	2.51E-25	-1.20E+01	46.7472122	-1.83E-01	141087261	141087384	NC_000003.11
cg03303515	3.14E-23	2.55E-25	-1.20E+01	46.7286882	-1.37E-01	47213998	47214121	NC_000002.11
cg06000878	3.14E-23	2.56E-25	-1.20E+01	46.7280783	-2.75E-01	122051193	122051316	NC_000011.9

cg00522451	3.16E-23	2.57E-25	-1.20E+01	46.7235547	-2.73E-01	113464048	113464171	NC_000002.11
cg18621256	3.16E-23	2.57E-25	-1.20E+01	46.7217173	-1.41E-01	119221444	119221567	NC_000010.10
cg19907725	3.16E-23	2.58E-25	-1.20E+01	46.7200265	-2.07E-01	153539397	153539520	NC_000001.10
cg12797594	3.17E-23	2.58E-25	-1.20E+01	46.7169194	-1.34E-01	36236395	36236518	NC_000022.10
cg01787285	3.20E-23	2.61E-25	-1.20E+01	46.7068043	-2.36E-01	2162682	2162805	NC_000001.10
cg25292663	3.21E-23	2.62E-25	-1.20E+01	46.7050462	-2.27E-01	79386969	79387092	NC_000017.10
cg12265130	3.25E-23	2.66E-25	-1.20E+01	46.6890593	-2.03E-01	59437344	59437467	NC_000011.9
cg26682337	3.26E-23	2.66E-25	-1.20E+01	46.6881463	-1.25E-01	145429192	145429315	NC_000005.9
cg24039081	3.27E-23	2.68E-25	-1.20E+01	46.6818006	-2.91E-01	197155143	197155266	NC_000003.11
cg15755348	3.27E-23	2.68E-25	-1.20E+01	46.6816036	-2.76E-01	101768874	101768997	NC_000007.13
cg07507251	3.30E-23	2.70E-25	-1.20E+01	46.6715779	-2.54E-01	52567010	52567133	NC_000003.11
cg16669650	3.31E-23	2.71E-25	-1.20E+01	46.6691294	-1.60E-01	42110833	42110956	NC_000006.11
cg08525145	3.32E-23	2.72E-25	-1.20E+01	46.6665697	-1.54E-01	155911361	155911484	NC_000001.10
cg02225720	3.35E-23	2.75E-25	-1.20E+01	46.6552121	-3.22E-01	3623472	3623595	NC_000017.10
cg00840403	3.40E-23	2.79E-25	-1.20E+01	46.6398889	-2.31E-01	71560205	71560328	NC_000016.9
cg21863888	3.41E-23	2.79E-25	-1.20E+01	46.6391652	-1.92E-01	31127173	31127296	NC_000006.11
cg16854533	3.43E-23	2.82E-25	-1.20E+01	46.6315782	-2.61E-01	133727885	133728008	NC_000003.11
cg11186858	3.45E-23	2.83E-25	-1.20E+01	46.6258296	-2.56E-01	75096382	75096505	NC_000017.10
cg13309012	3.50E-23	2.87E-25	-1.20E+01	46.6111106	-2.65E-01	26946167	26946290	NC_000021.8
cg02698668	3.53E-23	2.90E-25	-1.20E+01	46.6023967	-2.09E-01	44261472	44261595	NC_000019.9
cg16059979	3.53E-23	2.91E-25	-1.20E+01	46.6004299	-1.63E-01	32050927	32051050	NC_000006.11
cg08528170	3.56E-23	2.93E-25	-1.20E+01	46.5920975	-2.55E-01	13947914	13948037	NC_000019.9
cg04413153	3.57E-23	2.94E-25	-1.20E+01	46.588654	-1.54E-01	94448728	94448851	NC_000010.10
cg06979118	3.58E-23	2.95E-25	-1.20E+01	46.5861175	-1.74E-01	70601971	70602094	NC_000011.9
cg00564759	3.61E-23	2.97E-25	-1.20E+01	46.5777159	-1.17E-01	29818771	29818894	NC_000016.9

cg13798825	3.62E-23	2.98E-25	-1.20E+01	46.5748469	-1.06E-01	28725358	28725481	NC_000007.13
cg18940830	3.62E-23	2.99E-25	-1.20E+01	46.5726272	-1.31E-01	22726858	22726981	NC_000010.10
cg17459219	3.63E-23	3.00E-25	-1.20E+01	46.5702082	-1.43E-01	42248927	42249050	NC_000008.10
cg25272655	3.64E-23	3.00E-25	-1.20E+01	46.5675149	-1.81E-01	228644958	228645081	NC_000001.10
cg02811627	3.65E-23	3.01E-25	-1.20E+01	46.5653395	-1.15E-01	103395368	103395491	NC_000014.8
cg01747591	3.65E-23	3.02E-25	-1.20E+01	46.56332	-1.75E-01	89703612	89703735	NC_000016.9
cg03879160	3.66E-23	3.02E-25	-1.20E+01	46.561239	-2.34E-01	173508156	173508279	NC_000002.11
cg00733115	3.69E-23	3.06E-25	-1.20E+01	46.5505996	-1.92E-01	37105406	37105529	NC_000006.11
cg14563196	3.75E-23	3.10E-25	-1.20E+01	46.5352702	-1.74E-01	89664582	89664705	NC_000001.10
cg09033006	3.78E-23	3.13E-25	-1.20E+01	46.5273581	-2.52E-01	244517177	244517300	NC_000001.10
cg06495586	3.79E-23	3.14E-25	-1.20E+01	46.5242098	-2.55E-01	54424787	54424910	NC_000004.11
cg04223548	3.80E-23	3.15E-25	-1.20E+01	46.5203941	-2.50E-01	22247214	22247337	NC_000013.10
cg03548415	3.81E-23	3.16E-25	-1.20E+01	46.5168568	-3.07E-01	111991342	111991465	NC_000011.9
cg05898591	3.81E-23	3.16E-25	-1.20E+01	46.5163383	-1.76E-01	174805715	174805838	NC_000005.9
cg12799029	3.82E-23	3.17E-25	-1.20E+01	46.5132541	-1.96E-01	984184	984307	NC_000017.10
cg17398515	3.83E-23	3.18E-25	-1.20E+01	46.5103256	-1.80E-01	102092795	102092918	NC_000008.10
cg20445727	3.94E-23	3.27E-25	-1.20E+01	46.4835686	-2.62E-01	110728789	110728912	NC_000011.9
cg23898497	3.95E-23	3.28E-25	-1.20E+01	46.480204	-2.23E-01	128822543	128822666	NC_000008.10
cg14969094	3.99E-23	3.31E-25	-1.20E+01	46.4696079	-1.79E-01	156848003	156848126	NC_000003.11
cg07531549	4.04E-23	3.36E-25	-1.20E+01	46.455481	-2.04E-01	145011406	145011529	NC_000008.10
cg06075789	4.08E-23	3.39E-25	-1.20E+01	46.4460024	-2.93E-01	39894767	39894890	NC_000019.9
cg11009596	4.11E-23	3.42E-25	-1.20E+01	46.4387162	-1.53E-01	8113758	8113881	NC_000017.10
cg27149973	4.11E-23	3.43E-25	-1.20E+01	46.4363792	-2.19E-01	74868725	74868848	NC_000017.10
cg06365898	4.13E-23	3.45E-25	-1.20E+01	46.43119	-1.63E-01	16533907	16534030	NC_000001.10
cg26546105	4.14E-23	3.45E-25	-1.20E+01	46.4285651	-1.61E-01	100168143	100168266	NC_000007.13

cg01362515	4.20E-23	3.50E-25	-1.20E+01	46.4145322	-1.42E-01	39782091	39782214	NC_000017.10
cg02443967	4.20E-23	3.51E-25	-1.20E+01	46.4139418	-1.85E-01	98129902	98130025	NC_000010.10
cg03638937	4.22E-23	3.53E-25	-1.20E+01	46.4083191	-2.37E-01	393570	393693	NC_000011.9
cg01392656	4.24E-23	3.55E-25	-1.20E+01	46.4011498	-2.66E-01	125578483	125578606	NC_000012.11
cg26354173	4.25E-23	3.56E-25	-1.20E+01	46.3998702	-4.23E-02	157108750	157108873	NC_000001.10
cg16038738	4.25E-23	3.56E-25	-1.20E+01	46.3991364	-2.19E-01	109103731	109103854	NC_000001.10
cg16001422	4.31E-23	3.61E-25	-1.20E+01	46.3850357	-2.64E-01	145022842	145022965	NC_000008.10
cg22365167	4.36E-23	3.65E-25	-1.20E+01	46.3726944	-1.65E-01	62306861	62306984	NC_000011.9
cg25827255	4.39E-23	3.68E-25	-1.20E+01	46.3656989	-1.47E-01	95256759	95256882	NC_000010.10
cg04075990	4.42E-23	3.71E-25	-1.20E+01	46.3570746	-1.30E-01	106176366	106176489	NC_000003.11
cg00965469	4.50E-23	3.78E-25	-1.20E+01	46.3388777	-1.70E-01	31649469	31649592	NC_000006.11
cg06976598	4.52E-23	3.80E-25	-1.20E+01	46.3347645	-3.34E-01	53639124	53639247	NC_000010.10
cg27660920	4.53E-23	3.81E-25	-1.20E+01	46.3320846	-5.60E-02	37554817	37554940	NC_000020.10
cg09923107	4.53E-23	3.81E-25	-1.20E+01	46.3318344	-2.16E-01	30193892	30194015	NC_000020.10
cg20557104	4.55E-23	3.82E-25	-1.20E+01	46.3277961	-2.28E-01	41934313	41934436	NC_000019.9
cg20911180	4.60E-23	3.87E-25	-1.20E+01	46.314725	-3.32E-01	76411795	76411918	NC_000011.9
cg13992911	4.63E-23	3.90E-25	-1.20E+01	46.3073571	-1.42E-01	1003504	1003627	NC_000005.9
cg01282174	4.64E-23	3.91E-25	-1.20E+01	46.3063845	-2.81E-01	119630144	119630267	NC_000011.9
cg00142266	4.68E-23	3.95E-25	-1.20E+01	46.2956482	-9.82E-02	77789307	77789430	NC_000015.9
cg04987122	4.71E-23	3.97E-25	-1.20E+01	46.2896649	-2.34E-01	2213440	2213563	NC_000016.9
cg13070763	4.71E-23	3.98E-25	-1.20E+01	46.2890947	-2.35E-01	46448963	46449086	NC_000003.11
cg14145074	4.74E-23	4.00E-25	-1.20E+01	46.2822053	-2.30E-01	5567891	5568014	NC_000007.13
cg06580318	4.75E-23	4.01E-25	-1.20E+01	46.279898	-8.99E-02	169747119	169747242	NC_000002.11
cg05970116	4.76E-23	4.02E-25	-1.20E+01	46.2779815	-1.56E-01	75351076	75351199	NC_000010.10
cg00754989	4.77E-23	4.04E-25	-1.20E+01	46.2740116	-2.74E-01	72530044	72530167	NC_000015.9

cg16997203	4.88E-23	4.13E-25	-1.20E+01	46.2512092	-1.79E-01	44972679	44972802	NC_000011.9
cg02200207	4.88E-23	4.13E-25	-1.20E+01	46.2503379	-3.16E-01	29605237	29605360	NC_000007.13
cg12343777	4.89E-23	4.14E-25	-1.20E+01	46.2492297	-9.82E-02	7942342	7942465	NC_000017.10
cg15542639	4.94E-23	4.18E-25	-1.20E+01	46.2383729	-2.72E-01	93885254	93885377	NC_000011.9
cg16650073	4.96E-23	4.20E-25	-1.20E+01	46.2339384	-1.83E-01	2089897	2090020	NC_000016.9
cg07165167	4.97E-23	4.22E-25	-1.20E+01	46.2300322	-2.62E-01	86045527	86045650	NC_000001.10
cg06521357	5.00E-23	4.24E-25	-1.20E+01	46.2250535	-2.02E-01	3486380	3486503	NC_000004.11
cg08556511	5.00E-23	4.24E-25	-1.20E+01	46.2245273	-2.98E-01	102048882	102049005	NC_000011.9
cg22214335	5.02E-23	4.26E-25	-1.20E+01	46.219645	-8.84E-02	20811408	20811531	NC_000001.10
cg21052873	5.04E-23	4.28E-25	-1.20E+01	46.2159564	-2.30E-01	124938573	124938696	NC_000012.11
cg08610982	5.05E-23	4.29E-25	-1.20E+01	46.2134624	-1.73E-01	31560871	31560994	NC_000006.11
cg11961138	5.07E-23	4.30E-25	-1.20E+01	46.2099345	-2.13E-01	38599366	38599489	NC_000017.10
cg06367321	5.07E-23	4.31E-25	-1.20E+01	46.2092946	-2.35E-01	30125232	30125355	NC_000016.9
cg10180092	5.07E-23	4.31E-25	-1.20E+01	46.2086951	-3.00E-01	171002363	171002486	NC_000003.11
cg07329251	5.07E-23	4.32E-25	-1.20E+01	46.2072477	-2.94E-01	10476662	10476785	NC_000011.9
cg14415629	5.09E-23	4.33E-25	-1.20E+01	46.2047336	-2.06E-01	33033607	33033730	NC_000011.9
cg19279257	5.10E-23	4.34E-25	-1.20E+01	46.202319	-1.97E-01	100463508	100463631	NC_000007.13
cg06815976	5.13E-23	4.37E-25	-1.20E+01	46.1960101	-1.60E-01	32164816	32164939	NC_000006.11
cg13252152	5.13E-23	4.37E-25	-1.20E+01	46.1959046	-1.70E-01	101950701	101950824	NC_000007.13
cg05371506	5.13E-23	4.37E-25	-1.20E+01	46.1953304	-2.29E-01	46649970	46650093	NC_000001.10
cg18670236	5.24E-23	4.47E-25	-1.20E+01	46.1723863	-3.32E-01	126630478	126630601	NC_000003.11
cg09555736	5.24E-23	4.47E-25	-1.20E+01	46.1718717	-2.37E-01	474271	474394	NC_000016.9
cg00302979	5.26E-23	4.49E-25	-1.20E+01	46.1675498	-2.47E-01	124261820	124261943	NC_000004.11
cg00083262	5.27E-23	4.50E-25	-1.20E+01	46.1654711	-8.49E-02	157125526	157125649	NC_000001.10
cg12484738	5.27E-23	4.50E-25	-1.20E+01	46.1652695	-1.30E-01	65280766	65280889	NC_000010.10

cg18132007	5.28E-23	4.51E-25	-1.20E+01	46.1627963	-1.42E-01	44972684	44972807	NC_000011.9
cg08908131	5.31E-23	4.54E-25	-1.20E+01	46.1565058	-3.23E-01	118706938	118707061	NC_000010.10
cg27549186	5.34E-23	4.57E-25	-1.20E+01	46.150846	-2.92E-01	76858248	76858371	NC_000017.10
cg25731807	5.34E-23	4.57E-25	-1.20E+01	46.1506472	-1.42E-01	72416182	72416305	NC_000005.9
cg11334730	5.37E-23	4.60E-25	-1.20E+01	46.1441875	-2.58E-01	6750455	6750578	NC_000006.11
cg11181587	5.42E-23	4.65E-25	-1.19E+01	46.134059	-2.36E-01	121772185	121772308	NC_000010.10
cg21293455	5.43E-23	4.66E-25	-1.19E+01	46.1314608	-2.89E-01	37000786	37000909	NC_000008.10
cg25744552	5.45E-23	4.68E-25	-1.19E+01	46.1274136	-1.97E-01	117368140	117368263	NC_000001.10
cg16588163	5.52E-23	4.74E-25	-1.19E+01	46.114448	-3.08E-01	190251464	190251587	NC_000003.11
cg19414980	5.60E-23	4.81E-25	-1.19E+01	46.0987326	-2.33E-01	92673176	92673299	NC_000007.13
cg19163395	5.63E-23	4.84E-25	-1.19E+01	46.0929446	-2.63E-01	42164433	42164556	NC_000017.10
cg10017843	5.72E-23	4.93E-25	-1.19E+01	46.0758091	-1.12E-01	67693452	67693575	NC_000016.9
cg15934095	5.76E-23	4.96E-25	-1.19E+01	46.0690087	-2.80E-01	156630343	156630466	NC_000001.10
cg21895314	5.82E-23	5.01E-25	-1.19E+01	46.0582896	-9.07E-02	44593708	44593831	NC_000021.8
cg03531754	5.84E-23	5.03E-25	-1.19E+01	46.0546843	-2.35E-01	124194312	124194435	NC_000008.10
cg03266686	5.86E-23	5.06E-25	-1.19E+01	46.0501555	-2.03E-01	47716097	47716220	NC_000002.11
cg00956142	5.87E-23	5.06E-25	-1.19E+01	46.048573	-2.05E-01	28765031	28765154	NC_000001.10
cg17694130	5.94E-23	5.13E-25	-1.19E+01	46.0350342	-2.38E-01	14858290	14858413	NC_000004.11
cg00630164	5.98E-23	5.17E-25	-1.19E+01	46.0289222	-1.76E-01	41250062	41250185	NC_000001.10
cg21560697	6.06E-23	5.24E-25	-1.19E+01	46.0154383	-2.42E-01	10054883	10055006	NC_000002.11
cg02465859	6.07E-23	5.24E-25	-1.19E+01	46.0138012	-1.97E-01	116080533	116080656	NC_000010.10
cg11868461	6.13E-23	5.30E-25	-1.19E+01	46.0030717	-2.34E-01	75830800	75830923	NC_000017.10
cg27143703	6.20E-23	5.37E-25	-1.19E+01	45.9909054	-2.52E-01	77961719	77961842	NC_000017.10
cg05817845	6.28E-23	5.44E-25	-1.19E+01	45.9771027	-2.26E-01	42816226	42816349	NC_000020.10
cg06214007	6.28E-23	5.44E-25	-1.19E+01	45.9770194	-2.38E-01	89829308	89829431	NC_000001.10

cg15484375	6.39E-23	5.54E-25	-1.19E+01	45.9601867	-2.01E-01	18287647	18287770	NC_000011.9
cg06388350	6.46E-23	5.61E-25	-1.19E+01	45.9476298	-1.79E-01	95334135	95334258	NC_000004.11
cg13942186	6.47E-23	5.62E-25	-1.19E+01	45.9453793	-2.05E-01	140305942	140306065	NC_000009.11
cg00919591	6.50E-23	5.64E-25	-1.19E+01	45.9407765	-2.37E-01	23524136	23524259	NC_000022.10
cg08995609	6.69E-23	5.82E-25	-1.19E+01	45.9104485	-2.37E-01	66104115	66104238	NC_000011.9
cg15635368	6.70E-23	5.83E-25	-1.19E+01	45.9087344	-5.75E-02	191208116	191208239	NC_000002.11
cg07588216	6.72E-23	5.85E-25	-1.19E+01	45.9054729	-3.05E-01	25204045	25204168	NC_000020.10
cg03072665	6.73E-23	5.87E-25	-1.19E+01	45.9026724	-1.92E-01	242501706	242501829	NC_000002.11
cg17983217	6.76E-23	5.89E-25	-1.19E+01	45.8979187	-2.00E-01	31698223	31698346	NC_000006.11
cg08202226	6.76E-23	5.90E-25	-1.19E+01	45.8973923	-3.03E-01	153896590	153896713	NC_000001.10
cg23907053	6.79E-23	5.92E-25	-1.19E+01	45.8937366	-1.61E-01	70215816	70215939	NC_000012.11
cg04682791	6.82E-23	5.95E-25	-1.19E+01	45.8886686	-1.86E-01	25313030	25313153	NC_000006.11
cg16526732	6.85E-23	5.98E-25	-1.19E+01	45.8832554	-2.67E-01	95598159	95598282	NC_000012.11
cg14671011	6.87E-23	6.00E-25	-1.19E+01	45.8802566	-2.59E-01	134544423	134544546	NC_000005.9
cg07482372	6.91E-23	6.04E-25	-1.19E+01	45.8728789	-1.75E-01	2951201	2951324	NC_000011.9
cg11785538	6.96E-23	6.09E-25	-1.19E+01	45.8655828	-1.43E-01	107221074	107221197	NC_000007.13
cg05191839	7.03E-23	6.15E-25	-1.19E+01	45.8549276	-2.55E-01	50819265	50819388	NC_000013.10
cg05091997	7.06E-23	6.18E-25	-1.19E+01	45.8511346	-1.92E-01	60897721	60897844	NC_000017.10
cg04470557	7.06E-23	6.18E-25	-1.19E+01	45.8503338	-2.28E-01	131630995	131631118	NC_000005.9
cg07263735	7.07E-23	6.19E-25	-1.19E+01	45.8483838	-1.95E-01	75229837	75229960	NC_000017.10
cg12457415	7.07E-23	6.20E-25	-1.19E+01	45.8479883	-2.47E-01	31702862	31702985	NC_000006.11
cg15723350	7.10E-23	6.22E-25	-1.19E+01	45.8438896	-1.27E-01	46954866	46954989	NC_000001.10
cg10897459	7.10E-23	6.23E-25	-1.19E+01	45.8434369	-2.00E-01	73237042	73237165	NC_000007.13
cg24809011	7.22E-23	6.33E-25	-1.19E+01	45.8264516	-2.37E-01	26219198	26219321	NC_000001.10
cg25423573	7.23E-23	6.35E-25	-1.19E+01	45.8242831	-2.29E-01	81158982	81159105	NC_000010.10

cg09187338	7.26E-23	6.38E-25	-1.19E+01	45.8194191	-2.85E-01	130588508	130588631	NC_000007.13
cg14776518	7.39E-23	6.50E-25	-1.19E+01	45.8001977	-9.13E-02	63892607	63892730	NC_000015.9
cg26342637	7.45E-23	6.55E-25	-1.19E+01	45.7929453	-1.23E-01	43743872	43743995	NC_000020.10
cg21226735	7.49E-23	6.60E-25	-1.19E+01	45.786075	-2.43E-01	92807111	92807234	NC_000009.11
cg14911690	7.50E-23	6.60E-25	-1.19E+01	45.7853812	-9.60E-02	19729395	19729518	NC_000019.9
cg17660833	7.60E-23	6.70E-25	-1.19E+01	45.7707881	-2.96E-01	11267020	11267143	NC_000003.11
cg16428612	7.71E-23	6.79E-25	-1.19E+01	45.7565588	-2.94E-01	89573535	89573658	NC_000016.9
cg27449114	7.73E-23	6.82E-25	-1.19E+01	45.7530482	-9.83E-02	241501342	241501465	NC_000002.11
cg10981580	7.73E-23	6.82E-25	-1.19E+01	45.7529804	-2.14E-01	236306767	236306890	NC_000001.10
cg04262471	7.82E-23	6.90E-25	-1.19E+01	45.7406916	-2.29E-01	33245585	33245708	NC_000006.11
cg13046271	7.83E-23	6.91E-25	-1.19E+01	45.7393722	-1.13E-01	133451243	133451366	NC_000005.9
cg06616710	7.84E-23	6.92E-25	-1.19E+01	45.7385184	-2.41E-01	99473224	99473347	NC_000010.10
cg15580052	7.93E-23	7.00E-25	-1.19E+01	45.7267658	-2.71E-01	618772	618895	NC_000012.11
cg08376992	7.95E-23	7.02E-25	-1.19E+01	45.7235766	-1.84E-01	68033509	68033632	NC_000016.9
cg10021364	8.01E-23	7.08E-25	-1.19E+01	45.7162744	-1.82E-01	54369015	54369138	NC_000019.9
cg02355558	8.03E-23	7.10E-25	-1.19E+01	45.7135315	-2.55E-01	37977733	37977856	NC_000003.11
cg13283739	8.12E-23	7.18E-25	-1.19E+01	45.7014518	-1.22E-01	1765550	1765673	NC_000004.11
cg02998240	8.22E-23	7.28E-25	-1.19E+01	45.6885885	-2.11E-01	16508668	16508791	NC_000001.10
cg02539809	8.23E-23	7.28E-25	-1.19E+01	45.6875663	-2.66E-01	120725046	120725169	NC_000007.13
cg09841889	8.29E-23	7.34E-25	-1.19E+01	45.6800902	-2.27E-01	113552033	113552156	NC_000002.11
cg06444575	8.30E-23	7.36E-25	-1.19E+01	45.6772015	-1.83E-01	1369772	1369895	NC_000001.10
cg11401568	8.45E-23	7.49E-25	-1.19E+01	45.6591853	-6.88E-02	19648157	19648280	NC_000017.10
cg06970472	8.47E-23	7.51E-25	-1.19E+01	45.65678	-1.42E-01	40910981	40911104	NC_000004.11
cg22166883	8.48E-23	7.53E-25	-1.19E+01	45.6546034	-1.75E-01	24116900	24117023	NC_000001.10
cg23580024	8.53E-23	7.57E-25	-1.19E+01	45.6489243	-2.70E-01	93811989	93812112	NC_000010.10



cg02099474	8.54E-23	7.59E-25	-1.19E+01	45.6468201	-2.56E-01	1027990	1028113	NC_000007.13
cg02107844	8.68E-23	7.72E-25	-1.19E+01	45.6299792	-2.41E-01	92612836	92612959	NC_000015.9
cg19008097	8.73E-23	7.77E-25	-1.19E+01	45.6238256	-1.84E-01	140012986	140013109	NC_000005.9
cg24608504	8.77E-23	7.80E-25	-1.19E+01	45.6189727	-2.88E-01	54760330	54760453	NC_000002.11
cg06679087	8.77E-23	7.81E-25	-1.19E+01	45.617867	-3.09E-01	99473206	99473329	NC_000010.10
cg02646515	8.79E-23	7.83E-25	-1.19E+01	45.6158056	-1.75E-01	128168987	128169110	NC_000002.11
cg04134818	8.80E-23	7.85E-25	-1.19E+01	45.6137831	-1.53E-01	148998446	148998569	NC_000005.9
cg08854834	8.85E-23	7.89E-25	-1.19E+01	45.6079004	-2.25E-01	30517941	30518064	NC_000021.8
cg01727625	8.88E-23	7.91E-25	-1.19E+01	45.6050943	-1.59E-01	35373	35496	NC_000007.13
cg21039631	8.91E-23	7.95E-25	-1.19E+01	45.6002897	-1.51E-01	117112854	117112977	NC_000001.10
cg21527078	8.94E-23	7.98E-25	-1.19E+01	45.5968314	-2.71E-01	11610214	11610337	NC_000003.11
cg27587125	8.94E-23	7.98E-25	-1.19E+01	45.5965654	-2.23E-01	109204207	109204330	NC_000001.10
cg26111575	8.94E-23	7.98E-25	-1.19E+01	45.5964848	-2.24E-01	123886914	123887037	NC_000010.10
cg27144670	8.95E-23	7.99E-25	-1.19E+01	45.595213	-2.78E-01	52161438	52161561	NC_000015.9
cg13747967	8.98E-23	8.03E-25	-1.19E+01	45.5906956	-2.47E-01	57392618	57392741	NC_000016.9
cg21646392	9.05E-23	8.09E-25	-1.19E+01	45.5832951	-2.54E-01	23710303	23710426	NC_000003.11
cg15129506	9.12E-23	8.15E-25	-1.19E+01	45.5753734	-1.21E-01	27958712	27958835	NC_000002.11
cg22013564	9.13E-23	8.17E-25	-1.19E+01	45.5735567	-1.18E-01	100743832	100743955	NC_000007.13
cg04990202	9.15E-23	8.19E-25	-1.19E+01	45.5707434	-2.59E-01	153581750	153581873	NC_000001.10
cg04631202	9.17E-23	8.21E-25	-1.19E+01	45.568985	-9.50E-02	25942460	25942583	NC_000001.10
cg21981144	9.17E-23	8.21E-25	-1.19E+01	45.5683175	-2.16E-01	45248572	45248695	NC_000019.9
cg10338338	9.23E-23	8.27E-25	-1.19E+01	45.5612717	-1.48E-01	8088931	8089054	NC_000012.11
cg23466749	9.27E-23	8.31E-25	-1.19E+01	45.5568084	-2.04E-01	100920825	100920948	NC_000006.11
cg14856585	9.48E-23	8.50E-25	-1.19E+01	45.5339118	-1.79E-01	94425764	94425887	NC_000014.8
cg21697198	9.55E-23	8.58E-25	-1.19E+01	45.5251507	-1.23E-01	129246394	129246517	NC_000011.9

cg06738887	9.56E-23	8.59E-25	-1.19E+01	45.5239359	-2.16E-01	60688010	60688133	NC_000015.9
cg02627216	9.59E-23	8.61E-25	-1.19E+01	45.5211155	-2.41E-01	38599056	38599179	NC_000017.10
cg23007325	9.61E-23	8.64E-25	-1.19E+01	45.5182408	-2.58E-01	10924633	10924756	NC_000008.10
cg17804100	9.71E-23	8.74E-25	-1.19E+01	45.5070184	-1.24E-01	42277934	42278057	NC_000001.10
cg14424070	9.71E-23	8.74E-25	-1.19E+01	45.5063901	-2.86E-01	75988820	75988943	NC_000014.8
cg02660643	9.84E-23	8.86E-25	-1.19E+01	45.4931643	-2.52E-01	87491587	87491710	NC_000016.9
cg14422498	9.88E-23	8.90E-25	-1.19E+01	45.4885397	-2.25E-01	100639423	100639546	NC_000009.11
cg09039664	9.90E-23	8.93E-25	-1.19E+01	45.4856702	-1.26E-01	44034247	44034370	NC_000020.10
cg23170186	9.93E-23	8.95E-25	-1.19E+01	45.4827231	-1.11E-01	42951711	42951834	NC_000006.11
cg09462956	9.96E-23	8.98E-25	-1.19E+01	45.4792495	-2.32E-01	2082777	2082900	NC_000016.9
cg23103346	9.98E-23	9.00E-25	-1.19E+01	45.4774755	-1.74E-01	73870105	73870228	NC_000002.11
cg03655330	9.99E-23	9.02E-25	-1.19E+01	45.4755493	-1.54E-01	50337494	50337617	NC_000003.11
cg14343713	1.00E-22	9.03E-25	-1.19E+01	45.4744014	-1.78E-01	74742501	74742624	NC_000011.9
cg26998850	1.00E-22	9.07E-25	-1.19E+01	45.4695982	-2.85E-01	50300322	50300445	NC_000016.9
cg02137956	1.02E-22	9.18E-25	-1.19E+01	45.4577503	-2.13E-01	157092982	157093105	NC_000007.13
cg13438961	1.02E-22	9.19E-25	-1.19E+01	45.4568051	-1.51E-01	41250071	41250194	NC_000001.10
cg01815263	1.02E-22	9.24E-25	-1.19E+01	45.451374	-1.72E-01	5237478	5237601	NC_000003.11
cg13066703	1.02E-22	9.25E-25	-1.19E+01	45.4496872	-2.62E-01	211526705	211526828	NC_000001.10
cg02805890	1.02E-22	9.26E-25	-1.18E+01	45.4492619	-2.87E-01	27778836	27778959	NC_000006.11
cg27270116	1.04E-22	9.42E-25	-1.18E+01	45.4315616	-1.46E-01	184319589	184319712	NC_000004.11
cg09908879	1.04E-22	9.44E-25	-1.18E+01	45.4294554	-6.27E-02	291244	291367	NC_000019.9
cg08599266	1.06E-22	9.57E-25	-1.18E+01	45.4160687	-1.08E-01	25142473	25142596	NC_000002.11
cg19728601	1.07E-22	9.70E-25	-1.18E+01	45.4032629	-1.60E-01	99526949	99527072	NC_000007.13
cg18960629	1.07E-22	9.71E-25	-1.18E+01	45.4019235	-2.15E-01	36585452	36585575	NC_000017.10
cg20656868	1.08E-22	9.79E-25	-1.18E+01	45.3937604	-2.25E-01	3177310	3177433	NC_000019.9

cg27235315	1.08E-22	9.79E-25	-1.18E+01	45.3935537	-2.70E-01	223853928	223854051	NC_000001.10
cg11332928	1.09E-22	9.93E-25	-1.18E+01	45.3801408	-9.72E-02	45273680	45273803	NC_000001.10
cg13269555	1.11E-22	1.01E-24	-1.18E+01	45.3671126	-2.74E-01	102822002	102822125	NC_000010.10
cg13003011	1.11E-22	1.01E-24	-1.18E+01	45.3642816	-1.31E-01	20425680	20425803	NC_000002.11
cg02862467	1.12E-22	1.02E-24	-1.18E+01	45.354382	-2.77E-01	19407897	19408020	NC_000001.10
cg17769442	1.13E-22	1.03E-24	-1.18E+01	45.3468222	-1.73E-01	45578863	45578986	NC_000019.9
cg03125765	1.14E-22	1.04E-24	-1.18E+01	45.3377768	-1.91E-01	30686808	30686931	NC_000022.10
cg24842334	1.15E-22	1.04E-24	-1.18E+01	45.3304062	-2.34E-01	157647224	157647347	NC_000007.13
cg07080653	1.15E-22	1.05E-24	-1.18E+01	45.3271379	-2.55E-01	54374249	54374372	NC_000004.11
cg05200540	1.15E-22	1.05E-24	-1.18E+01	45.3224395	-9.43E-02	103985853	103985976	NC_000010.10
cg09715059	1.15E-22	1.05E-24	-1.18E+01	45.321935	-2.40E-01	32223336	32223459	NC_000006.11
cg24862514	1.16E-22	1.06E-24	-1.18E+01	45.3173108	-1.69E-01	44972672	44972795	NC_000011.9
cg17932802	1.17E-22	1.06E-24	-1.18E+01	45.3112599	-1.53E-01	80189962	80190085	NC_000017.10
cg19082559	1.17E-22	1.07E-24	-1.18E+01	45.3048692	-2.68E-01	56289697	56289820	NC_000020.10
cg16762778	1.18E-22	1.07E-24	-1.18E+01	45.3012682	-2.20E-01	27449867	27449990	NC_000008.10
cg16851771	1.18E-22	1.08E-24	-1.18E+01	45.2996688	-1.09E-01	42360170	42360293	NC_000002.11
cg16661143	1.19E-22	1.09E-24	-1.18E+01	45.2907857	-2.30E-01	34226461	34226584	NC_000011.9
cg04138361	1.20E-22	1.10E-24	-1.18E+01	45.282105	-1.03E-01	33160304	33160427	NC_000006.11
cg25549791	1.21E-22	1.10E-24	-1.18E+01	45.2738374	-1.70E-01	24126230	24126353	NC_000001.10
cg04023915	1.22E-22	1.11E-24	-1.18E+01	45.2669137	-1.43E-01	33722062	33722185	NC_000011.9
cg23934955	1.22E-22	1.11E-24	-1.18E+01	45.2662972	-1.99E-01	145024939	145025062	NC_000008.10
cg11304234	1.23E-22	1.13E-24	-1.18E+01	45.2535198	-1.71E-01	112034801	112034924	NC_000011.9
cg12117684	1.25E-22	1.15E-24	-1.18E+01	45.2376325	-1.28E-01	96077623	96077746	NC_000004.11
cg10211252	1.26E-22	1.16E-24	-1.18E+01	45.2259093	-1.31E-01	48355286	48355409	NC_000010.10
cg00506866	1.27E-22	1.17E-24	-1.18E+01	45.2188011	-2.30E-01	10263480	10263603	NC_000002.11

cg19274341	1.28E-22	1.17E-24	-1.18E+01	45.215402	-2.98E-01	8143891	8144014	NC_000001.10
cg00918944	1.28E-22	1.18E-24	-1.18E+01	45.20835	-1.64E-01	35908117	35908240	NC_000009.11
cg02627966	1.30E-22	1.20E-24	-1.18E+01	45.1952649	-2.30E-01	54899537	54899660	NC_000007.13
cg17112426	1.30E-22	1.20E-24	-1.18E+01	45.1922197	-2.46E-01	36004716	36004839	NC_000019.9
cg19316148	1.31E-22	1.20E-24	-1.18E+01	45.1902038	-2.33E-01	31846089	31846212	NC_000001.10
cg22074858	1.31E-22	1.21E-24	-1.18E+01	45.183857	-1.92E-01	89488430	89488553	NC_000001.10
cg09094328	1.31E-22	1.21E-24	-1.18E+01	45.1827183	-1.05E-01	15250374	15250497	NC_000001.10
cg24956391	1.32E-22	1.22E-24	-1.18E+01	45.1762999	-2.68E-01	36011999	36012122	NC_000020.10
cg07906484	1.33E-22	1.22E-24	-1.18E+01	45.173517	-2.37E-01	43036036	43036159	NC_000020.10
cg11238542	1.33E-22	1.23E-24	-1.18E+01	45.1679142	-2.95E-01	64431470	64431593	NC_000002.11
cg13719746	1.33E-22	1.23E-24	-1.18E+01	45.1667685	-7.02E-02	100747559	100747682	NC_000009.11
cg01843804	1.33E-22	1.23E-24	-1.18E+01	45.1667564	-1.57E-01	30689878	30690001	NC_000006.11
cg07817608	1.33E-22	1.23E-24	-1.18E+01	45.165137	-2.68E-01	76219528	76219651	NC_000012.11
cg09106231	1.34E-22	1.24E-24	-1.18E+01	45.1623728	-2.79E-01	207455715	207455838	NC_000001.10
cg10699884	1.36E-22	1.25E-24	-1.18E+01	45.1483781	-2.33E-01	21661045	21661168	NC_000001.10
cg07638935	1.36E-22	1.26E-24	-1.18E+01	45.145823	-2.53E-01	102821427	102821550	NC_000010.10
cg22483610	1.37E-22	1.26E-24	-1.18E+01	45.1400905	-1.38E-01	37920947	37921070	NC_000001.10
cg24125648	1.37E-22	1.27E-24	-1.18E+01	45.1388537	-1.80E-01	44092606	44092729	NC_000015.9
cg27129922	1.37E-22	1.27E-24	-1.18E+01	45.1333377	-2.10E-01	30690346	30690469	NC_000006.11
cg12304937	1.38E-22	1.28E-24	-1.18E+01	45.130103	-2.20E-01	680013	680136	NC_000007.13
cg10824354	1.39E-22	1.29E-24	-1.18E+01	45.1220423	-1.36E-01	47049956	47050079	NC_000017.10
cg05318454	1.40E-22	1.30E-24	-1.18E+01	45.1154053	-2.45E-01	46117805	46117928	NC_000019.9
cg22627826	1.40E-22	1.30E-24	-1.18E+01	45.1145624	-2.03E-01	1240265	1240388	NC_000019.9
cg06766367	1.41E-22	1.31E-24	-1.18E+01	45.1071553	-1.06E-01	67062687	67062810	NC_000016.9
cg02713162	1.42E-22	1.32E-24	-1.18E+01	45.100248	-2.92E-01	141702373	141702496	NC_000005.9

cg03603530	1.42E-22	1.32E-24	-1.18E+01	45.09693	-1.30E-01	69365009	69365132	NC_000016.9
cg07931714	1.43E-22	1.33E-24	-1.18E+01	45.0926082	-1.48E-01	100174962	100175085	NC_000010.10
cg08268692	1.43E-22	1.33E-24	-1.18E+01	45.0881258	-2.82E-01	76998832	76998955	NC_000011.9
cg20025658	1.48E-22	1.37E-24	-1.18E+01	45.0565373	-2.78E-01	219031640	219031763	NC_000002.11
cg05745223	1.48E-22	1.38E-24	-1.18E+01	45.0536341	-1.24E-01	74730630	74730753	NC_000002.11
cg19430430	1.49E-22	1.38E-24	-1.18E+01	45.050754	-6.44E-02	10121323	10121446	NC_000019.9
cg17021798	1.49E-22	1.38E-24	-1.18E+01	45.0492265	-2.21E-01	226444	226567	NC_000007.13
cg12785694	1.49E-22	1.39E-24	-1.18E+01	45.0463955	-2.80E-01	160122168	160122291	NC_000003.11
cg15823982	1.50E-22	1.40E-24	-1.18E+01	45.0416731	-7.75E-02	61638155	61638278	NC_000018.9
cg13894021	1.50E-22	1.40E-24	-1.18E+01	45.039528	-1.01E-01	23487383	23487506	NC_000022.10
cg17918501	1.51E-22	1.40E-24	-1.18E+01	45.0351339	-1.36E-01	27717709	27717832	NC_000002.11
cg11263296	1.51E-22	1.41E-24	-1.18E+01	45.0330684	-1.41E-01	120428313	120428436	NC_000012.11
cg01966277	1.54E-22	1.44E-24	-1.18E+01	45.0116058	-2.54E-01	82435009	82435132	NC_000007.13
cg11841239	1.54E-22	1.44E-24	-1.18E+01	45.0108563	-1.23E-01	172419269	172419392	NC_000001.10
cg26689780	1.54E-22	1.44E-24	-1.18E+01	45.0095763	-2.31E-01	10079554	10079677	NC_000004.11
cg01604480	1.56E-22	1.46E-24	-1.18E+01	44.9974698	-1.29E-01	75877899	75878022	NC_000017.10
cg09769113	1.56E-22	1.46E-24	-1.18E+01	44.9954569	-2.17E-01	30131719	30131842	NC_000006.11
cg09229893	1.57E-22	1.46E-24	-1.18E+01	44.9935866	-2.69E-01	54423811	54423934	NC_000014.8
cg22011888	1.57E-22	1.47E-24	-1.18E+01	44.9885611	-2.03E-01	63856712	63856835	NC_000011.9
cg16389901	1.58E-22	1.48E-24	-1.18E+01	44.9849859	-3.23E-01	54423807	54423930	NC_000014.8
cg15628518	1.58E-22	1.48E-24	-1.18E+01	44.9836898	-2.60E-01	145025059	145025182	NC_000008.10
cg17069739	1.58E-22	1.48E-24	-1.18E+01	44.9810561	-1.35E-01	31703188	31703311	NC_000006.11
cg05901357	1.60E-22	1.50E-24	-1.18E+01	44.9694739	-1.85E-01	27529325	27529448	NC_000002.11
cg06854264	1.60E-22	1.50E-24	-1.18E+01	44.9692808	-1.75E-01	200861254	200861377	NC_000001.10
cg24739098	1.61E-22	1.51E-24	-1.18E+01	44.9629321	-1.45E-01	79297159	79297282	NC_000015.9

cg15225325	1.63E-22	1.54E-24	-1.18E+01	44.9466971	-2.22E-01	176921820	176921943	NC_000005.9
cg24203709	1.63E-22	1.54E-24	-1.18E+01	44.9463093	-1.25E-01	42187179	42187302	NC_000015.9
cg21812277	1.65E-22	1.55E-24	-1.18E+01	44.9371405	-1.92E-01	25085776	25085899	NC_000013.10
cg17958516	1.65E-22	1.55E-24	-1.18E+01	44.93532	-2.37E-01	80952606	80952729	NC_000010.10
cg23102014	1.65E-22	1.55E-24	-1.18E+01	44.9342485	-2.43E-01	70574295	70574418	NC_000015.9
cg22289360	1.65E-22	1.56E-24	-1.18E+01	44.9333576	-9.42E-02	79073908	79074031	NC_000009.11
cg03499675	1.65E-22	1.56E-24	-1.18E+01	44.9314201	-2.17E-01	31744339	31744462	NC_000006.11
cg23536138	1.67E-22	1.58E-24	-1.18E+01	44.92023	-2.16E-01	22084861	22084984	NC_000008.10
cg27436118	1.68E-22	1.59E-24	-1.18E+01	44.9148841	-2.45E-01	4729905	4730028	NC_000016.9
cg00691874	1.69E-22	1.59E-24	-1.18E+01	44.910343	-2.33E-01	1521312	1521435	NC_000017.10
cg18026626	1.70E-22	1.60E-24	-1.18E+01	44.9051751	-1.37E-01	78286614	78286737	NC_000015.9
cg13464117	1.70E-22	1.60E-24	-1.18E+01	44.9029492	-2.49E-01	157348161	157348284	NC_000007.13
cg04986675	1.71E-22	1.61E-24	-1.18E+01	44.8981229	-1.20E-01	97657294	97657417	NC_000008.10
cg13430819	1.71E-22	1.62E-24	-1.18E+01	44.895541	-1.82E-01	22349646	22349769	NC_000001.10
cg03852144	1.71E-22	1.62E-24	-1.18E+01	44.8934923	-3.71E-01	95159639	95159762	NC_000005.9
cg21737444	1.73E-22	1.63E-24	-1.18E+01	44.8850709	-2.15E-01	38071591	38071714	NC_000022.10
cg05740243	1.75E-22	1.65E-24	-1.18E+01	44.8741108	-1.37E-01	135160775	135160898	NC_000010.10
cg07157107	1.76E-22	1.67E-24	-1.18E+01	44.8642197	-2.28E-01	42623730	42623853	NC_000008.10
cg13002506	1.77E-22	1.68E-24	-1.18E+01	44.8592047	-2.75E-01	76998821	76998944	NC_000011.9
cg21328779	1.78E-22	1.69E-24	-1.18E+01	44.8510886	-2.29E-01	111629875	111629998	NC_000003.11
cg08302480	1.81E-22	1.71E-24	-1.18E+01	44.8394068	-2.41E-01	54369133	54369256	NC_000019.9
cg18696576	1.81E-22	1.72E-24	-1.18E+01	44.8362653	-1.84E-01	34203630	34203753	NC_000006.11
cg11893951	1.82E-22	1.72E-24	-1.18E+01	44.833035	-1.17E-01	141061521	141061644	NC_000005.9
cg03762081	1.82E-22	1.73E-24	-1.18E+01	44.8304473	-2.22E-01	51523565	51523688	NC_000019.9
cg09887589	1.82E-22	1.73E-24	-1.18E+01	44.8303605	-2.11E-01	31702785	31702908	NC_000006.11

cg26579550	1.83E-22	1.74E-24	-1.18E+01	44.8227174	-2.25E-01	71428996	71429119	NC_000015.9
cg00493341	1.85E-22	1.75E-24	-1.18E+01	44.8150559	-1.28E-01	18228948	18229071	NC_000019.9
cg20034617	1.86E-22	1.76E-24	-1.18E+01	44.8088621	-2.47E-01	140172277	140172400	NC_000009.11
cg13925895	1.86E-22	1.77E-24	-1.18E+01	44.8073678	-1.58E-01	201990619	201990742	NC_000002.11
cg04155862	1.87E-22	1.78E-24	-1.18E+01	44.7989758	-1.72E-01	127541172	127541295	NC_000003.11
cg03477080	1.88E-22	1.79E-24	-1.18E+01	44.7948988	-2.21E-01	46448920	46449043	NC_000003.11
cg14050053	1.88E-22	1.79E-24	-1.18E+01	44.7942836	-2.26E-01	33416834	33416957	NC_000017.10
cg10464462	1.89E-22	1.80E-24	-1.18E+01	44.7888152	-2.73E-01	33417059	33417182	NC_000017.10
cg11421182	1.91E-22	1.82E-24	-1.18E+01	44.7801978	-2.34E-01	36153479	36153602	NC_000020.10
cg12278705	1.91E-22	1.82E-24	-1.18E+01	44.7768433	-2.15E-01	86045474	86045597	NC_000001.10
cg03567939	1.91E-22	1.82E-24	-1.18E+01	44.7764303	-2.31E-01	151506147	151506270	NC_000007.13
cg03370270	1.92E-22	1.83E-24	-1.18E+01	44.7721492	-1.58E-01	106065603	106065726	NC_000007.13
cg12551029	1.93E-22	1.84E-24	-1.18E+01	44.7676338	-2.07E-01	113498106	113498229	NC_000001.10
cg19134347	1.93E-22	1.85E-24	-1.18E+01	44.7639409	-1.30E-01	104584279	104584402	NC_000014.8
cg16701133	1.95E-22	1.86E-24	-1.17E+01	44.7566623	-2.54E-01	75747961	75748084	NC_000014.8
cg25198007	1.96E-22	1.87E-24	-1.17E+01	44.7495731	-1.75E-01	26611319	26611442	NC_000001.10
cg05467676	1.97E-22	1.88E-24	-1.17E+01	44.7459697	-2.68E-01	72226965	72227088	NC_000003.11
cg08782899	1.98E-22	1.89E-24	-1.17E+01	44.7420222	-1.65E-01	79652389	79652512	NC_000017.10
cg03037030	1.98E-22	1.89E-24	-1.17E+01	44.7418448	-2.45E-01	31543300	31543423	NC_000006.11
cg08527124	1.98E-22	1.89E-24	-1.17E+01	44.7411658	-3.51E-01	89382891	89383014	NC_000016.9
cg26274662	1.98E-22	1.89E-24	-1.17E+01	44.7390765	-1.54E-01	63729230	63729353	NC_000015.9
cg12930176	1.98E-22	1.90E-24	-1.17E+01	44.7365555	-2.60E-01	232044866	232044989	NC_000002.11
cg17328839	1.99E-22	1.90E-24	-1.17E+01	44.7345454	-2.60E-01	64127751	64127874	NC_000001.10
cg16587838	1.99E-22	1.90E-24	-1.17E+01	44.7333839	-1.66E-01	31704705	31704828	NC_000006.11
cg20130571	2.00E-22	1.91E-24	-1.17E+01	44.7291451	-2.03E-01	35974541	35974664	NC_000003.11

cg14204735	2.00E-22	1.91E-24	-1.17E+01	44.7284121	-2.91E-01	61524304	61524427	NC_000017.10
cg03345805	2.05E-22	1.97E-24	-1.17E+01	44.7002858	-6.16E-02	191208171	191208294	NC_000002.11
cg16624272	2.06E-22	1.98E-24	-1.17E+01	44.695136	-1.20E-01	142012517	142012640	NC_000008.10
cg01713701	2.07E-22	1.99E-24	-1.17E+01	44.6901622	-1.15E-01	48045654	48045777	NC_000017.10
cg03891318	2.09E-22	2.00E-24	-1.17E+01	44.6819958	-2.45E-01	139372675	139372798	NC_000003.11
cg11954355	2.10E-22	2.01E-24	-1.17E+01	44.6772471	-2.05E-01	57393844	57393967	NC_000020.10
cg12570716	2.11E-22	2.02E-24	-1.17E+01	44.6728682	-2.36E-01	3822379	3822502	NC_000010.10
cg22749810	2.11E-22	2.03E-24	-1.17E+01	44.6697849	-2.18E-01	78237389	78237512	NC_000017.10
cg02224369	2.11E-22	2.03E-24	-1.17E+01	44.6689851	-1.48E-01	33758529	33758652	NC_000011.9
cg00430895	2.12E-22	2.03E-24	-1.17E+01	44.6678078	-2.37E-01	13136340	13136463	NC_000018.9
cg01777586	2.12E-22	2.04E-24	-1.17E+01	44.6638666	-2.30E-01	80163174	80163297	NC_000017.10
cg20570279	2.13E-22	2.04E-24	-1.17E+01	44.662577	-9.93E-02	116659129	116659252	NC_000011.9
cg19169932	2.13E-22	2.04E-24	-1.17E+01	44.6623755	-2.27E-01	62861955	62862078	NC_000015.9
cg21505923	2.13E-22	2.05E-24	-1.17E+01	44.6600146	-2.43E-01	72226668	72226791	NC_000003.11
cg18825531	2.14E-22	2.06E-24	-1.17E+01	44.6552932	-1.71E-01	62321136	62321259	NC_000011.9
cg23342625	2.14E-22	2.06E-24	-1.17E+01	44.6533424	-2.86E-01	20877340	20877463	NC_000006.11
cg26035171	2.16E-22	2.08E-24	-1.17E+01	44.6455293	-1.92E-01	28705464	28705587	NC_000017.10
cg08754149	2.18E-22	2.10E-24	-1.17E+01	44.6362996	-2.68E-01	78204159	78204282	NC_000010.10
cg00752263	2.18E-22	2.10E-24	-1.17E+01	44.6357195	-1.57E-01	3486116	3486239	NC_000004.11
cg23416439	2.18E-22	2.10E-24	-1.17E+01	44.6357143	-4.89E-02	55083945	55084068	NC_000004.11
cg23414330	2.18E-22	2.10E-24	-1.17E+01	44.6339366	-1.66E-01	125754900	125755023	NC_000010.10
cg07531860	2.18E-22	2.11E-24	-1.17E+01	44.6323663	-9.74E-02	154719718	154719841	NC_000007.13
cg09230905	2.22E-22	2.15E-24	-1.17E+01	44.6146531	-1.41E-01	33721903	33722026	NC_000011.9
cg12329178	2.24E-22	2.16E-24	-1.17E+01	44.6067576	-1.39E-01	26623786	26623909	NC_000013.10
cg17733616	2.27E-22	2.19E-24	-1.17E+01	44.5925967	-1.53E-01	73083887	73084010	NC_000017.10



cg09870609	2.27E-22	2.20E-24	-1.17E+01	44.5892866	-2.13E-01	81702952	81703075	NC_000015.9
cg09529667	2.28E-22	2.21E-24	-1.17E+01	44.5861454	-1.07E-01	18531111	18531234	NC_000019.9
cg10098729	2.31E-22	2.24E-24	-1.17E+01	44.5729092	-1.40E-01	29624206	29624329	NC_000016.9
cg14065109	2.32E-22	2.25E-24	-1.17E+01	44.5680358	-2.40E-01	47715006	47715129	NC_000021.8
cg22698604	2.33E-22	2.26E-24	-1.17E+01	44.5632236	-9.51E-02	116286502	116286625	NC_000010.10
cg09633081	2.33E-22	2.26E-24	-1.17E+01	44.5617774	-1.99E-01	7692342	7692465	NC_000006.11
cg26842024	2.35E-22	2.28E-24	-1.17E+01	44.5543097	-1.01E-01	16436122	16436245	NC_000019.9
cg27410595	2.35E-22	2.28E-24	-1.17E+01	44.5528236	-2.60E-01	119995754	119995877	NC_000011.9
cg09226388	2.37E-22	2.31E-24	-1.17E+01	44.5428199	-4.16E-02	54421578	54421701	NC_000014.8
cg03532331	2.38E-22	2.31E-24	-1.17E+01	44.5405697	-2.37E-01	4000474	4000597	NC_000016.9
cg03568041	2.45E-22	2.39E-24	-1.17E+01	44.5075276	-1.26E-01	1047623	1047746	NC_000016.9
cg22786465	2.47E-22	2.41E-24	-1.17E+01	44.4987815	-1.33E-01	31649502	31649625	NC_000006.11
cg00288598	2.49E-22	2.43E-24	-1.17E+01	44.4922334	-3.37E-01	141555295	141555418	NC_000008.10
cg20821187	2.51E-22	2.45E-24	-1.17E+01	44.4832643	-2.56E-01	200452917	200453040	NC_000001.10
cg11641006	2.51E-22	2.45E-24	-1.17E+01	44.4829206	-2.06E-01	235213874	235213997	NC_000002.11
cg23896816	2.55E-22	2.50E-24	-1.17E+01	44.4640088	-1.39E-01	39473253	39473376	NC_000022.10
cg12828331	2.60E-22	2.55E-24	-1.17E+01	44.4443002	-7.77E-02	42543469	42543592	NC_000003.11
cg23889010	2.61E-22	2.55E-24	-1.17E+01	44.4418551	-2.30E-01	43882990	43883113	NC_000020.10
cg17470397	2.65E-22	2.59E-24	-1.17E+01	44.4259577	-2.67E-01	193308169	193308292	NC_000003.11
cg07028869	2.65E-22	2.60E-24	-1.17E+01	44.4248368	-1.26E-01	49741164	49741287	NC_000012.11
cg13319286	2.67E-22	2.61E-24	-1.17E+01	44.4191276	-1.00E-01	62761500	62761623	NC_000010.10
cg18269493	2.67E-22	2.62E-24	-1.17E+01	44.4158473	-1.33E-01	8772984	8773107	NC_000001.10
cg02017041	2.69E-22	2.64E-24	-1.17E+01	44.4099492	-8.11E-02	35521054	35521177	NC_000019.9
cg24888257	2.72E-22	2.67E-24	-1.17E+01	44.3967004	-2.17E-01	31785597	31785720	NC_000006.11
cg01015663	2.75E-22	2.70E-24	-1.17E+01	44.3845074	-1.76E-01	23729692	23729815	NC_000001.10

cg11668419	2.77E-22	2.72E-24	-1.17E+01	44.379452	-2.53E-01	68025026	68025149	NC_000001.10
cg16643088	2.77E-22	2.72E-24	-1.17E+01	44.3780801	-2.08E-01	39188743	39188866	NC_000003.11
cg03157040	2.79E-22	2.74E-24	-1.17E+01	44.3713615	-1.74E-01	1861890	1862013	NC_000019.9
cg03347671	2.79E-22	2.75E-24	-1.17E+01	44.3688074	-8.88E-02	218875467	218875590	NC_000002.11
cg23731595	2.79E-22	2.75E-24	-1.17E+01	44.3682538	-1.84E-01	30346789	30346912	NC_000010.10
cg20143985	2.79E-22	2.75E-24	-1.17E+01	44.3678007	-2.12E-01	126920370	126920493	NC_000010.10
cg00974523	2.83E-22	2.79E-24	-1.17E+01	44.3546258	-2.00E-01	90124400	90124523	NC_000016.9
cg21108085	2.83E-22	2.79E-24	-1.17E+01	44.352833	-3.11E-01	44591098	44591221	NC_000011.9
cg19354746	2.84E-22	2.80E-24	-1.17E+01	44.3515593	-1.22E-01	50969673	50969796	NC_000022.10
cg24610231	2.84E-22	2.80E-24	-1.17E+01	44.3492932	-1.41E-01	29967620	29967743	NC_000015.9
cg07927540	2.87E-22	2.83E-24	-1.17E+01	44.3384597	-1.66E-01	169049163	169049286	NC_000006.11
cg15948536	2.88E-22	2.84E-24	-1.17E+01	44.3343966	-2.93E-01	169770092	169770215	NC_000004.11
cg24768093	2.89E-22	2.85E-24	-1.17E+01	44.3314764	-9.82E-02	48228034	48228157	NC_000017.10
cg26717066	2.90E-22	2.87E-24	-1.17E+01	44.3269338	-2.72E-01	132581310	132581433	NC_000005.9
cg24587185	2.91E-22	2.87E-24	-1.17E+01	44.3239255	-2.19E-01	109826107	109826230	NC_000002.11
cg18399183	2.91E-22	2.88E-24	-1.17E+01	44.3229984	-1.13E-01	51318138	51318261	NC_000012.11
cg00660272	2.91E-22	2.88E-24	-1.17E+01	44.3223027	-1.45E-01	24231353	24231476	NC_000001.10
cg17680767	2.92E-22	2.88E-24	-1.17E+01	44.3209651	-2.81E-01	73623208	73623331	NC_000005.9
cg18246298	2.92E-22	2.89E-24	-1.17E+01	44.3201928	-1.80E-01	111154934	111155057	NC_000011.9
cg17157725	2.93E-22	2.89E-24	-1.17E+01	44.3174238	-2.29E-01	45667757	45667880	NC_000022.10
cg13400203	2.93E-22	2.90E-24	-1.17E+01	44.31486	-1.89E-01	96055060	96055183	NC_000002.11
cg11100795	2.95E-22	2.92E-24	-1.17E+01	44.3092562	-2.95E-01	77583915	77584038	NC_000005.9
cg16041798	2.95E-22	2.92E-24	-1.17E+01	44.3076847	-2.49E-01	64905375	64905498	NC_000014.8
cg12313969	2.95E-22	2.92E-24	-1.17E+01	44.3069289	-2.94E-01	95143624	95143747	NC_000010.10
cg11297227	2.95E-22	2.93E-24	-1.17E+01	44.3066782	-2.03E-01	113677325	113677448	NC_000013.10

cg05654304	3.01E-22	2.99E-24	-1.17E+01	44.2855437	-1.13E-01	12538678	12538801	NC_000001.10
cg00259019	3.03E-22	3.01E-24	-1.17E+01	44.2771246	-2.48E-01	236611999	236612122	NC_000002.11
cg07469594	3.03E-22	3.01E-24	-1.17E+01	44.2769313	-1.88E-01	64456062	64456185	NC_000015.9
cg11318133	3.03E-22	3.02E-24	-1.17E+01	44.2752606	-2.15E-01	113416268	113416391	NC_000012.11
cg07126235	3.04E-22	3.02E-24	-1.17E+01	44.2743539	-2.23E-01	43192225	43192348	NC_000006.11
cg00175901	3.04E-22	3.03E-24	-1.17E+01	44.2732746	-1.65E-01	113416290	113416413	NC_000012.11
cg02880444	3.04E-22	3.03E-24	-1.17E+01	44.2724249	-1.74E-01	29860851	29860974	NC_000017.10
cg13036352	3.07E-22	3.06E-24	-1.17E+01	44.261558	-2.74E-01	30651825	30651948	NC_000006.11
cg13908299	3.08E-22	3.07E-24	-1.17E+01	44.2576237	-1.75E-01	124833194	124833317	NC_000012.11
cg05813803	3.12E-22	3.11E-24	-1.17E+01	44.2447322	-1.72E-01	89323084	89323207	NC_000016.9
cg27017658	3.14E-22	3.13E-24	-1.17E+01	44.2387677	-9.30E-02	21093081	21093204	NC_000014.8
cg27115863	3.15E-22	3.14E-24	-1.17E+01	44.2360123	-2.44E-01	37921640	37921763	NC_000022.10
cg04756223	3.19E-22	3.19E-24	-1.17E+01	44.2204961	-3.01E-01	46325268	46325391	NC_000002.11
cg07243147	3.20E-22	3.19E-24	-1.17E+01	44.2201954	-1.95E-01	150744274	150744397	NC_000007.13
cg23426156	3.20E-22	3.19E-24	-1.17E+01	44.2192662	-2.19E-01	126557901	126558024	NC_000008.10
cg02833110	3.21E-22	3.21E-24	-1.17E+01	44.2141394	-4.73E-02	98261952	98262075	NC_000002.11
cg15833534	3.23E-22	3.23E-24	-1.17E+01	44.2088408	-2.28E-01	31845985	31846108	NC_000001.10
cg15835664	3.23E-22	3.23E-24	-1.17E+01	44.2080484	-2.97E-01	62787266	62787389	NC_000001.10
cg08079052	3.25E-22	3.25E-24	-1.17E+01	44.2027337	-2.39E-01	145547895	145548018	NC_000008.10
cg18951977	3.29E-22	3.29E-24	-1.17E+01	44.1896175	-7.14E-02	54421397	54421520	NC_000014.8
cg09127107	3.30E-22	3.30E-24	-1.17E+01	44.1858695	-2.21E-01	3438702	3438825	NC_000006.11
cg11171825	3.31E-22	3.32E-24	-1.17E+01	44.1800519	-1.52E-01	42939029	42939152	NC_000006.11
cg08968863	3.31E-22	3.32E-24	-1.17E+01	44.1798121	-1.24E-01	43915835	43915958	NC_000010.10
cg11869510	3.32E-22	3.34E-24	-1.17E+01	44.1761638	-1.34E-01	65990431	65990554	NC_000017.10
cg16251079	3.36E-22	3.38E-24	-1.17E+01	44.16371	-2.08E-01	113497932	113498055	NC_000001.10

cg14723921	3.37E-22	3.38E-24	-1.17E+01	44.1623206	-1.15E-01	5969260	5969383	NC_000006.11
cg26727816	3.41E-22	3.43E-24	-1.17E+01	44.1472247	-1.71E-01	27413525	27413648	NC_000016.9
cg13029400	3.42E-22	3.44E-24	-1.17E+01	44.1457079	-2.29E-01	141087190	141087313	NC_000003.11
cg02094283	3.44E-22	3.47E-24	-1.17E+01	44.1375823	-2.59E-01	114165695	114165818	NC_000011.9
cg25588725	3.46E-22	3.48E-24	-1.17E+01	44.1336367	-1.25E-01	31703139	31703262	NC_000006.11
cg09296270	3.48E-22	3.50E-24	-1.17E+01	44.1272429	-1.61E-01	65087288	65087411	NC_000002.11
cg27262821	3.49E-22	3.52E-24	-1.17E+01	44.1234226	-2.73E-01	49184628	49184751	NC_000019.9
cg05125838	3.54E-22	3.57E-24	-1.17E+01	44.1096049	-1.59E-01	48601585	48601708	NC_000003.11
cg15058605	3.55E-22	3.58E-24	-1.17E+01	44.1056193	-8.52E-02	208031878	208032001	NC_000002.11
cg21684021	3.59E-22	3.63E-24	-1.17E+01	44.0932677	-2.37E-01	109800400	109800523	NC_000001.10
cg14240790	3.59E-22	3.63E-24	-1.17E+01	44.0930983	-2.40E-01	6378691	6378814	NC_000011.9
cg10086328	3.60E-22	3.64E-24	-1.17E+01	44.0892142	-1.08E-01	7341276	7341399	NC_000012.11
cg25982657	3.61E-22	3.65E-24	-1.17E+01	44.0871007	-2.27E-01	8193353	8193476	NC_000004.11
cg11025705	3.61E-22	3.66E-24	-1.17E+01	44.0849631	-1.27E-01	145697880	145698003	NC_000008.10
cg14190761	3.63E-22	3.67E-24	-1.17E+01	44.0801108	-6.66E-02	139939926	139940049	NC_000009.11
cg24744557	3.64E-22	3.69E-24	-1.17E+01	44.0767074	-1.74E-01	322649	322772	NC_000012.11
cg02042712	3.65E-22	3.70E-24	-1.17E+01	44.0727784	-2.00E-01	57702239	57702362	NC_000016.9
cg09811510	3.67E-22	3.73E-24	-1.16E+01	44.0662675	-2.87E-01	159590447	159590570	NC_000003.11
cg12395125	3.69E-22	3.75E-24	-1.16E+01	44.0609657	-8.06E-02	116659119	116659242	NC_000011.9
cg18664712	3.69E-22	3.75E-24	-1.16E+01	44.0598669	-1.59E-01	149792463	149792586	NC_000005.9
cg10808934	3.70E-22	3.75E-24	-1.16E+01	44.058709	-2.86E-01	109059268	109059391	NC_000006.11
cg10254690	3.70E-22	3.76E-24	-1.16E+01	44.0579475	-1.27E-01	126107861	126107984	NC_000010.10
cg01186980	3.75E-22	3.82E-24	-1.16E+01	44.0428355	-1.75E-01	75826713	75826836	NC_000017.10
cg25510838	3.75E-22	3.82E-24	-1.16E+01	44.0418012	-1.96E-01	1560381	1560504	NC_000007.13
cg26170244	3.78E-22	3.84E-24	-1.16E+01	44.0355812	-2.13E-01	65176353	65176476	NC_000015.9

cg06479653	3.79E-22	3.86E-24	-1.16E+01	44.031332	-1.21E-01	10525737	10525860	NC_000018.9
cg05674199	3.79E-22	3.86E-24	-1.16E+01	44.0302838	-1.01E-01	32891428	32891551	NC_000020.10
cg24500959	3.83E-22	3.90E-24	-1.16E+01	44.0215936	-2.42E-01	99474813	99474936	NC_000010.10
cg01005180	3.83E-22	3.90E-24	-1.16E+01	44.0203865	-2.16E-01	151384763	151384886	NC_000007.13
ch.15.934240F	3.84E-22	3.91E-24	-1.16E+01	44.0179716	-1.71E-01	64422261	64422384	NC_000015.9
cg27278017	3.86E-22	3.94E-24	-1.16E+01	44.0119202	-1.44E-01	33759645	33759768	NC_000020.10
cg05886626	3.86E-22	3.94E-24	-1.16E+01	44.0106155	-1.00E-01	39873553	39873676	NC_000015.9
cg08461352	3.89E-22	3.97E-24	-1.16E+01	44.0027113	-2.06E-01	58910391	58910514	NC_000008.10
cg14189116	3.90E-22	3.98E-24	-1.16E+01	43.9998568	-3.48E-01	30878975	30879098	NC_000012.11
cg16598810	3.97E-22	4.06E-24	-1.16E+01	43.9803875	-5.65E-02	68962176	68962299	NC_000001.10
cg22449980	3.98E-22	4.07E-24	-1.16E+01	43.9774308	-2.54E-01	157701149	157701272	NC_000004.11
cg04134048	4.01E-22	4.10E-24	-1.16E+01	43.9709055	-1.27E-01	23021610	23021733	NC_000008.10
cg21741998	4.04E-22	4.14E-24	-1.16E+01	43.9627758	-2.32E-01	36788637	36788760	NC_000006.11
cg00523604	4.08E-22	4.18E-24	-1.16E+01	43.9518012	-2.54E-01	32223341	32223464	NC_000006.11
cg04892643	4.09E-22	4.19E-24	-1.16E+01	43.9499205	-2.70E-01	18906433	18906556	NC_000007.13
cg22635096	4.12E-22	4.22E-24	-1.16E+01	43.941919	-3.14E-01	46550644	46550767	NC_000021.8
cg01152408	4.13E-22	4.23E-24	-1.16E+01	43.9394775	-1.39E-01	41496060	41496183	NC_000006.11
cg04002454	4.17E-22	4.28E-24	-1.16E+01	43.9295923	-1.50E-01	231191893	231192016	NC_000002.11
cg13178170	4.18E-22	4.29E-24	-1.16E+01	43.9261402	-2.38E-01	92270513	92270636	NC_000001.10
cg01949455	4.20E-22	4.31E-24	-1.16E+01	43.92115	-1.79E-01	131937559	131937682	NC_000009.11
cg04109923	4.20E-22	4.32E-24	-1.16E+01	43.9202989	-9.94E-02	28495600	28495723	NC_000013.10
cg06655216	4.21E-22	4.33E-24	-1.16E+01	43.917564	-2.24E-01	89619329	89619452	NC_000012.11
cg14398113	4.22E-22	4.34E-24	-1.16E+01	43.9156696	-2.52E-01	48105127	48105250	NC_000015.9
cg25061131	4.27E-22	4.39E-24	-1.16E+01	43.9036213	-1.92E-01	73088293	73088416	NC_000011.9
cg16668042	4.29E-22	4.41E-24	-1.16E+01	43.8983551	-7.45E-02	132388215	132388338	NC_000005.9

cg08817836	4.30E-22	4.43E-24	-1.16E+01	43.8944756	-2.40E-01	16955875	16955998	NC_000007.13
cg15971157	4.31E-22	4.44E-24	-1.16E+01	43.8917287	-1.36E-01	24464376	24464499	NC_000013.10
cg04006266	4.33E-22	4.47E-24	-1.16E+01	43.8864731	-1.39E-01	66300458	66300581	NC_000011.9
cg15990090	4.35E-22	4.48E-24	-1.16E+01	43.8834373	-2.06E-01	186306065	186306188	NC_000004.11
cg23340505	4.37E-22	4.51E-24	-1.16E+01	43.8771305	-2.47E-01	114927933	114928056	NC_000013.10
cg10649130	4.40E-22	4.54E-24	-1.16E+01	43.8704178	-2.32E-01	9682641	9682764	NC_000011.9
cg04160753	4.41E-22	4.55E-24	-1.16E+01	43.8680472	-1.42E-01	134257307	134257430	NC_000010.10
cg13427361	4.42E-22	4.56E-24	-1.16E+01	43.8657537	-3.16E-01	187650301	187650424	NC_000004.11
cg13912930	4.43E-22	4.58E-24	-1.16E+01	43.861771	-7.49E-02	34379890	34380013	NC_000009.11
cg25083732	4.44E-22	4.58E-24	-1.16E+01	43.8611758	-2.27E-01	6695464	6695587	NC_000004.11
cg22743884	4.45E-22	4.59E-24	-1.16E+01	43.8582023	-2.80E-01	11839844	11839967	NC_000008.10
cg18221226	4.46E-22	4.61E-24	-1.16E+01	43.8555914	-1.90E-01	124997487	124997610	NC_000012.11
cg04294677	4.50E-22	4.65E-24	-1.16E+01	43.8459981	-6.25E-02	99737297	99737420	NC_000014.8
cg02949186	4.52E-22	4.68E-24	-1.16E+01	43.8400981	-2.19E-01	42733776	42733899	NC_000021.8
cg02595219	4.58E-22	4.74E-24	-1.16E+01	43.826731	-1.52E-01	74178761	74178884	NC_000011.9
cg04582861	4.60E-22	4.77E-24	-1.16E+01	43.821452	-1.52E-01	41276606	41276729	NC_000017.10
cg13708645	4.61E-22	4.78E-24	-1.16E+01	43.8198279	-2.05E-01	121974305	121974428	NC_000012.11
cg00952054	4.66E-22	4.83E-24	-1.16E+01	43.8089071	-3.15E-01	9437047	9437170	NC_000001.10
cg24979161	4.69E-22	4.86E-24	-1.16E+01	43.8020152	-2.35E-01	94567367	94567490	NC_000014.8
cg05976283	4.70E-22	4.87E-24	-1.16E+01	43.8003447	-3.00E-01	103140765	103140888	NC_000008.10
cg15017278	4.70E-22	4.88E-24	-1.16E+01	43.799126	-2.80E-01	127449	127572	NC_000016.9
cg13947653	4.75E-22	4.93E-24	-1.16E+01	43.7886731	-1.27E-01	136343843	136343966	NC_000009.11
cg25956089	4.77E-22	4.95E-24	-1.16E+01	43.7840525	-2.87E-01	168822459	168822582	NC_000003.11
cg12963529	4.80E-22	4.99E-24	-1.16E+01	43.7767159	-1.56E-01	43540202	43540325	NC_000020.10
cg16508168	4.81E-22	5.00E-24	-1.16E+01	43.7746779	-1.05E-01	31107370	31107493	NC_000016.9

cg08106124	4.83E-22	5.02E-24	-1.16E+01	43.7695672	-1.46E-01	40926641	40926764	NC_000004.11
cg16516639	4.86E-22	5.05E-24	-1.16E+01	43.7638957	-1.85E-01	111050810	111050933	NC_000001.10
cg14385298	4.86E-22	5.06E-24	-1.16E+01	43.7627452	-1.26E-01	140026277	140026400	NC_000007.13
cg03246694	4.87E-22	5.07E-24	-1.16E+01	43.7609737	-7.89E-02	125109542	125109665	NC_000009.11
cg13317079	4.87E-22	5.07E-24	-1.16E+01	43.7599282	-8.62E-02	197504192	197504315	NC_000002.11
cg10338787	4.87E-22	5.07E-24	-1.16E+01	43.7597994	-1.31E-01	72931767	72931890	NC_000017.10
cg07705639	4.89E-22	5.09E-24	-1.16E+01	43.755891	-1.51E-01	174992861	174992984	NC_000001.10
cg08220120	4.90E-22	5.11E-24	-1.16E+01	43.7521081	-2.13E-01	138727711	138727834	NC_000005.9
cg20629315	4.97E-22	5.19E-24	-1.16E+01	43.7379547	-3.00E-01	43685377	43685500	NC_000002.11
cg06027254	4.99E-22	5.21E-24	-1.16E+01	43.7333837	-1.29E-01	187458083	187458206	NC_000003.11
cg23386895	5.04E-22	5.26E-24	-1.16E+01	43.7238516	-2.62E-01	65083974	65084097	NC_000011.9
cg03897866	5.04E-22	5.27E-24	-1.16E+01	43.7218844	-1.26E-01	181059633	181059756	NC_000001.10
cg01288184	5.05E-22	5.28E-24	-1.16E+01	43.7205024	-4.22E-01	20811408	20811531	NC_000018.9
cg03597525	5.05E-22	5.29E-24	-1.16E+01	43.7191597	-1.46E-01	51920435	51920558	NC_000019.9
cg08106792	5.06E-22	5.29E-24	-1.16E+01	43.7175239	-1.81E-01	153509323	153509446	NC_000001.10
cg08091666	5.09E-22	5.33E-24	-1.16E+01	43.7115833	-2.30E-01	79961769	79961892	NC_000017.10
cg15418499	5.10E-22	5.34E-24	-1.16E+01	43.708908	-2.36E-01	112028288	112028411	NC_000011.9
cg14480249	5.10E-22	5.34E-24	-1.16E+01	43.7088037	-2.48E-01	3487164	3487287	NC_000004.11
cg13533935	5.11E-22	5.35E-24	-1.16E+01	43.7065914	-1.49E-01	11416365	11416488	NC_000008.10
cg27016262	5.24E-22	5.50E-24	-1.16E+01	43.6794931	-1.48E-01	1012835	1012958	NC_000017.10
cg14921326	5.25E-22	5.52E-24	-1.16E+01	43.6762208	-2.41E-01	119358052	119358175	NC_000008.10
cg03402605	5.27E-22	5.54E-24	-1.16E+01	43.6715879	-2.09E-01	134257269	134257392	NC_000010.10
cg24833277	5.30E-22	5.58E-24	-1.16E+01	43.6654297	-2.20E-01	124194361	124194484	NC_000008.10
cg18326022	5.33E-22	5.61E-24	-1.16E+01	43.6607208	-2.30E-01	73719885	73720008	NC_000017.10
cg23512275	5.35E-22	5.63E-24	-1.16E+01	43.6555386	-1.92E-01	45232595	45232718	NC_000021.8

cg10024587	5.37E-22	5.66E-24	-1.16E+01	43.6513817	-2.13E-01	105211753	105211876	NC_000010.10
cg21323720	5.39E-22	5.67E-24	-1.16E+01	43.6485854	-2.66E-01	114357601	114357724	NC_000004.11
cg18508425	5.45E-22	5.75E-24	-1.16E+01	43.6361007	-1.96E-01	19660650	19660773	NC_000019.9
cg06388099	5.49E-22	5.79E-24	-1.16E+01	43.6289306	-1.62E-01	50400885	50401008	NC_000019.9
cg21748207	5.51E-22	5.82E-24	-1.16E+01	43.6232633	-1.77E-01	26395359	26395482	NC_000002.11
cg11169848	5.52E-22	5.83E-24	-1.16E+01	43.6209876	-2.30E-01	67142030	67142153	NC_000011.9
cg10682803	5.57E-22	5.89E-24	-1.16E+01	43.6117564	-1.20E-01	88850895	88851018	NC_000016.9
cg01257383	5.62E-22	5.94E-24	-1.16E+01	43.6025986	-1.66E-01	46408399	46408522	NC_000011.9
cg04416111	5.65E-22	5.97E-24	-1.16E+01	43.5978748	-2.63E-01	87234895	87235018	NC_000016.9
cg21758140	5.65E-22	5.97E-24	-1.16E+01	43.5978501	-1.72E-01	161083993	161084116	NC_000002.11
cg20318096	5.68E-22	6.01E-24	-1.16E+01	43.592051	-2.26E-01	31846110	31846233	NC_000001.10
cg07423363	5.72E-22	6.06E-24	-1.16E+01	43.5834929	-1.31E-01	113497999	113498122	NC_000001.10
cg24170085	5.77E-22	6.12E-24	-1.16E+01	43.5741335	-2.12E-01	15311269	15311392	NC_000003.11
cg15086279	5.78E-22	6.13E-24	-1.16E+01	43.5726625	-1.93E-01	22352348	22352471	NC_000001.10
cg25750901	5.82E-22	6.17E-24	-1.16E+01	43.5649696	-1.83E-01	30869272	30869395	NC_000022.10
cg14646244	5.83E-22	6.18E-24	-1.16E+01	43.5639202	-2.84E-01	107300287	107300410	NC_000007.13
cg04574090	5.83E-22	6.19E-24	-1.16E+01	43.5622395	-1.47E-01	74178749	74178872	NC_000011.9
cg18856652	5.92E-22	6.29E-24	-1.16E+01	43.5470015	-8.25E-02	43864913	43865036	NC_000002.11
cg25922329	5.94E-22	6.31E-24	-1.16E+01	43.5438697	-2.02E-01	128911766	128911889	NC_000008.10
cg15065340	5.99E-22	6.37E-24	-1.16E+01	43.5343969	-2.68E-01	195632915	195633038	NC_000003.11
cg02629106	6.01E-22	6.39E-24	-1.16E+01	43.5311032	-1.85E-01	120302419	120302542	NC_000002.11
cg07480754	6.08E-22	6.46E-24	-1.16E+01	43.5198816	-1.66E-01	88298508	88298631	NC_000016.9
cg24251814	6.09E-22	6.47E-24	-1.16E+01	43.517978	-1.27E-01	8013974	8014097	NC_000001.10
cg03183540	6.13E-22	6.52E-24	-1.16E+01	43.5099842	-1.59E-01	134931756	134931879	NC_000008.10
cg16688112	6.13E-22	6.53E-24	-1.16E+01	43.5096641	-8.53E-02	88922774	88922897	NC_000016.9



cg26644674	6.14E-22	6.53E-24	-1.16E+01	43.508391	-2.52E-01	3138505	3138628	NC_000010.10
cg07402003	6.19E-22	6.59E-24	-1.16E+01	43.4995999	-2.35E-01	52503883	52504006	NC_000016.9
cg10737521	6.22E-22	6.63E-24	-1.16E+01	43.4938892	-1.17E-01	179335243	179335366	NC_000005.9
cg27494897	6.27E-22	6.68E-24	-1.16E+01	43.4859449	-2.21E-01	151061125	151061248	NC_000002.11
cg21703606	6.27E-22	6.69E-24	-1.16E+01	43.4852549	-1.61E-01	54427884	54428007	NC_000012.11
cg12985065	6.29E-22	6.71E-24	-1.16E+01	43.4817657	-1.66E-01	140744488	140744611	NC_000008.10
cg01735398	6.29E-22	6.72E-24	-1.16E+01	43.4809782	-1.36E-01	18907305	18907428	NC_000017.10
cg14251009	6.29E-22	6.72E-24	-1.16E+01	43.4808905	-3.32E-01	90622205	90622328	NC_000009.11
cg09464206	6.33E-22	6.76E-24	-1.16E+01	43.4753953	-1.12E-01	202122309	202122432	NC_000002.11
cg06210447	6.35E-22	6.78E-24	-1.16E+01	43.4721393	-2.20E-01	70601842	70601965	NC_000011.9
cg13910493	6.39E-22	6.82E-24	-1.16E+01	43.4659814	-1.22E-01	53628120	53628243	NC_000012.11
cg11936643	6.42E-22	6.86E-24	-1.16E+01	43.4599579	-1.40E-01	116286411	116286534	NC_000010.10
cg26467269	6.45E-22	6.89E-24	-1.16E+01	43.455389	-2.01E-01	68179097	68179220	NC_000011.9
cg01723892	6.47E-22	6.91E-24	-1.16E+01	43.4525564	-2.17E-01	233004866	233004989	NC_000001.10
cg04065472	6.50E-22	6.95E-24	-1.16E+01	43.4470231	-1.97E-01	131148175	131148298	NC_000002.11
cg25446789	6.59E-22	7.05E-24	-1.16E+01	43.4334402	-2.41E-01	25810393	25810516	NC_000002.11
cg09715009	6.65E-22	7.11E-24	-1.16E+01	43.4240999	-2.56E-01	175241829	175241952	NC_000005.9
cg06264679	6.67E-22	7.14E-24	-1.16E+01	43.4209626	-1.66E-01	32121433	32121556	NC_000006.11
cg15994604	6.73E-22	7.21E-24	-1.16E+01	43.4111112	-2.25E-01	34676683	34676806	NC_000011.9
cg23591955	6.75E-22	7.24E-24	-1.16E+01	43.4071076	-1.60E-01	52294766	52294889	NC_000014.8
cg10257545	6.75E-22	7.24E-24	-1.16E+01	43.4069889	-6.26E-02	201450881	201451004	NC_000001.10
cg15608301	6.77E-22	7.26E-24	-1.16E+01	43.4043925	-2.07E-01	100085187	100085310	NC_000013.10
cg00499509	6.81E-22	7.30E-24	-1.16E+01	43.3980536	-1.12E-01	149605515	149605638	NC_000001.10
cg27060622	6.87E-22	7.38E-24	-1.16E+01	43.3873934	-6.36E-02	936346	936469	NC_000001.10
cg13545874	6.94E-22	7.45E-24	-1.15E+01	43.3776235	-2.35E-01	72984872	72984995	NC_000017.10

cg04374654	7.03E-22	7.56E-24	-1.15E+01	43.3643118	-7.40E-02	75479408	75479531	NC_000011.9
cg19266329	7.09E-22	7.63E-24	-1.15E+01	43.3546058	-2.28E-01	145456128	145456251	NC_000001.10
cg14173199	7.16E-22	7.70E-24	-1.15E+01	43.3452847	-8.88E-02	2458230	2458353	NC_000001.10
cg02142926	7.19E-22	7.74E-24	-1.15E+01	43.3408867	-2.09E-01	134994674	134994797	NC_000006.11
cg18278424	7.21E-22	7.76E-24	-1.15E+01	43.3372461	-1.99E-01	75473667	75473790	NC_000017.10
cg00868074	7.22E-22	7.78E-24	-1.15E+01	43.3354027	-1.85E-01	87441555	87441678	NC_000016.9
cg18919097	7.24E-22	7.80E-24	-1.15E+01	43.3322251	-1.44E-01	161090798	161090921	NC_000003.11
cg03604067	7.28E-22	7.84E-24	-1.15E+01	43.3270625	-3.36E-01	1980273	1980396	NC_000007.13
cg08053935	7.36E-22	7.94E-24	-1.15E+01	43.314608	-1.89E-01	41691270	41691393	NC_000006.11
cg23030853	7.37E-22	7.95E-24	-1.15E+01	43.31404	-2.47E-01	31620347	31620470	NC_000013.10
cg23037321	7.37E-22	7.95E-24	-1.15E+01	43.3138854	-2.67E-01	181003203	181003326	NC_000001.10
cg01270736	7.39E-22	7.97E-24	-1.15E+01	43.31107	-1.23E-01	3097736	3097859	NC_000016.9
cg12671632	7.46E-22	8.06E-24	-1.15E+01	43.300335	-2.11E-01	422935	423058	NC_000006.11
cg02516845	7.48E-22	8.07E-24	-1.15E+01	43.2986691	-1.96E-01	84076320	84076443	NC_000016.9
cg02071988	7.55E-22	8.15E-24	-1.15E+01	43.2889771	-2.67E-01	155448588	155448711	NC_000006.11
cg24824917	7.58E-22	8.20E-24	-1.15E+01	43.2835587	-9.53E-02	1101716	1101839	NC_000019.9
cg23481748	7.72E-22	8.34E-24	-1.15E+01	43.2659414	-1.45E-01	58862503	58862626	NC_000014.8
cg20893936	7.74E-22	8.37E-24	-1.15E+01	43.2627403	-2.37E-01	101680441	101680564	NC_000002.11
cg25690715	7.76E-22	8.40E-24	-1.15E+01	43.2596493	-2.61E-01	75315567	75315690	NC_000017.10
cg00535514	7.80E-22	8.45E-24	-1.15E+01	43.2533509	-1.99E-01	44205563	44205686	NC_000019.9
cg11847636	7.87E-22	8.52E-24	-1.15E+01	43.2451707	-2.67E-01	50015523	50015646	NC_000019.9
cg14454094	7.88E-22	8.53E-24	-1.15E+01	43.2434085	-2.68E-01	99352003	99352126	NC_000004.11
cg21241823	7.93E-22	8.59E-24	-1.15E+01	43.2364108	-2.08E-01	43300024	43300147	NC_000021.8
cg22478317	7.95E-22	8.62E-24	-1.15E+01	43.2331817	-1.80E-01	110271930	110272053	NC_000002.11
cg17215278	7.96E-22	8.63E-24	-1.15E+01	43.2324015	-2.12E-01	117114263	117114386	NC_000001.10

cg02319782	7.97E-22	8.65E-24	-1.15E+01	43.2301992	-1.58E-01	291668	291791	NC_000012.11
cg24368167	7.98E-22	8.66E-24	-1.15E+01	43.2287068	-5.62E-02	38179936	38180059	NC_000003.11
cg03930313	8.08E-22	8.76E-24	-1.15E+01	43.2169137	-2.30E-01	36621405	36621528	NC_000017.10
cg08169794	8.13E-22	8.83E-24	-1.15E+01	43.2097614	-2.72E-01	118709682	118709805	NC_000006.11
cg16199747	8.14E-22	8.84E-24	-1.15E+01	43.2078867	-2.83E-01	147235033	147235156	NC_000006.11
cg09046309	8.18E-22	8.89E-24	-1.15E+01	43.2025129	-2.06E-01	45947226	45947349	NC_000020.10
cg26204417	8.23E-22	8.94E-24	-1.15E+01	43.1969598	-2.67E-01	157347628	157347751	NC_000007.13
cg23837282	8.27E-22	8.99E-24	-1.15E+01	43.1917475	-1.66E-01	61818407	61818530	NC_000020.10
cg00883689	8.28E-22	9.00E-24	-1.15E+01	43.1903582	-2.56E-01	54802904	54803027	NC_000002.11
cg09991092	8.44E-22	9.18E-24	-1.15E+01	43.1703886	-2.25E-01	47151933	47152056	NC_000010.10
cg19627006	8.45E-22	9.19E-24	-1.15E+01	43.1696326	-2.44E-01	85637673	85637796	NC_000002.11
cg22495058	8.49E-22	9.24E-24	-1.15E+01	43.1645065	-1.83E-01	11752373	11752496	NC_000002.11
cg03930153	8.53E-22	9.29E-24	-1.15E+01	43.1594913	-2.21E-01	176868896	176869019	NC_000003.11
cg18643093	8.58E-22	9.35E-24	-1.15E+01	43.1526097	-2.70E-01	150521257	150521380	NC_000005.9
cg12848614	8.59E-22	9.36E-24	-1.15E+01	43.1517816	-1.57E-01	70193496	70193619	NC_000014.8
cg20979153	8.72E-22	9.51E-24	-1.15E+01	43.1356902	-2.11E-01	52199748	52199871	NC_000020.10
cg08752433	8.78E-22	9.58E-24	-1.15E+01	43.1283074	-2.76E-01	111016566	111016689	NC_000012.11
cg14897838	8.81E-22	9.62E-24	-1.15E+01	43.1247983	-1.59E-01	79339158	79339281	NC_000017.10
cg26937868	8.96E-22	9.78E-24	-1.15E+01	43.1077443	-1.08E-01	26202601	26202724	NC_000001.10
cg21675254	8.98E-22	9.81E-24	-1.15E+01	43.1046716	-1.64E-01	111127804	111127927	NC_000012.11
cg16840745	9.06E-22	9.91E-24	-1.15E+01	43.0953373	-1.25E-01	52091829	52091952	NC_000003.11
cg20358011	9.15E-22	1.00E-23	-1.15E+01	43.0847972	-2.25E-01	126581947	126582070	NC_000011.9
cg02614217	9.16E-22	1.00E-23	-1.15E+01	43.0837279	-2.04E-01	122632774	122632897	NC_000004.11
cg26645709	9.20E-22	1.01E-23	-1.15E+01	43.0784002	-2.03E-01	89987792	89987915	NC_000015.9
cg17818220	9.22E-22	1.01E-23	-1.15E+01	43.0765033	-1.03E-01	28725466	28725589	NC_000007.13

cg25867545	9.28E-22	1.02E-23	-1.15E+01	43.0685646	-9.53E-02	182880776	182880899	NC_000003.11
cg25730577	9.29E-22	1.02E-23	-1.15E+01	43.0681983	-1.11E-01	110453002	110453125	NC_000001.10
cg13410002	9.34E-22	1.02E-23	-1.15E+01	43.0623789	-1.45E-01	20353861	20353984	NC_000020.10
cg11588197	9.41E-22	1.03E-23	-1.15E+01	43.0546919	-2.53E-01	128391494	128391617	NC_000011.9
cg19579216	9.55E-22	1.05E-23	-1.15E+01	43.0388767	-1.15E-01	42081856	42081979	NC_000017.10
cg05595692	9.55E-22	1.05E-23	-1.15E+01	43.0382811	-1.96E-01	75059313	75059436	NC_000002.11
cg14575559	9.57E-22	1.05E-23	-1.15E+01	43.0361193	-1.24E-01	18111766	18111889	NC_000019.9
cg17375585	9.61E-22	1.06E-23	-1.15E+01	43.0316434	-2.60E-01	29172998	29173121	NC_000008.10
cg24592790	9.67E-22	1.06E-23	-1.15E+01	43.0247517	-2.43E-01	27450047	27450170	NC_000008.10
cg06808585	9.71E-22	1.07E-23	-1.15E+01	43.0202691	-1.91E-01	160051087	160051210	NC_000001.10
cg16424519	9.79E-22	1.08E-23	-1.15E+01	43.012	-1.02E-01	21531031	21531154	NC_000016.9
cg07979348	9.84E-22	1.08E-23	-1.15E+01	43.0058361	-1.90E-01	35198387	35198510	NC_000020.10
cg26182253	9.84E-22	1.08E-23	-1.15E+01	43.0057898	-2.85E-01	112236782	112236905	NC_000013.10
cg26184501	9.86E-22	1.09E-23	-1.15E+01	43.003074	-2.19E-01	48139723	48139846	NC_000017.10
cg05005301	9.91E-22	1.09E-23	-1.15E+01	42.9984082	-1.70E-01	110453107	110453230	NC_000001.10
cg00509485	9.91E-22	1.09E-23	-1.15E+01	42.9980283	-2.21E-01	69863098	69863221	NC_000011.9
cg21983531	9.91E-22	1.09E-23	-1.15E+01	42.9977922	-2.56E-01	74075317	74075440	NC_000007.13
cg22809726	9.93E-22	1.10E-23	-1.15E+01	42.9953666	-1.49E-01	48262067	48262190	NC_000017.10
cg05067286	9.94E-22	1.10E-23	-1.15E+01	42.9941561	-1.44E-01	129686365	129686488	NC_000011.9
cg08696192	1.00E-21	1.11E-23	-1.15E+01	42.9865874	-2.71E-01	38657310	38657433	NC_000017.10
cg24105314	1.00E-21	1.11E-23	-1.15E+01	42.9861179	-1.17E-01	42082924	42083047	NC_000017.10
cg00755063	1.01E-21	1.12E-23	-1.15E+01	42.9776956	-1.93E-01	13275288	13275411	NC_000019.9
cg06230674	1.01E-21	1.12E-23	-1.15E+01	42.9772577	-1.90E-01	20716991	20717114	NC_000018.9
cg14516948	1.02E-21	1.13E-23	-1.15E+01	42.9650329	-1.64E-01	42196187	42196310	NC_000022.10
cg05652225	1.03E-21	1.14E-23	-1.15E+01	42.9537463	-2.15E-01	37295709	37295832	NC_000017.10

cg23978449	1.05E-21	1.17E-23	-1.15E+01	42.9322246	-1.83E-01	47746733	47746856	NC_000010.10
cg09358481	1.06E-21	1.17E-23	-1.15E+01	42.9287627	-1.02E-01	38600305	38600428	NC_000017.10
cg13158199	1.07E-21	1.19E-23	-1.15E+01	42.9130296	-1.99E-01	69148896	69149019	NC_000002.11
cg08506924	1.08E-21	1.19E-23	-1.15E+01	42.9091024	-7.08E-02	3931286	3931409	NC_000016.9
cg04771433	1.08E-21	1.20E-23	-1.15E+01	42.9018484	-1.29E-01	2064216	2064339	NC_000001.10
cg04741284	1.08E-21	1.20E-23	-1.15E+01	42.901144	-6.98E-02	56324226	56324349	NC_000020.10
cg20150887	1.09E-21	1.21E-23	-1.15E+01	42.8993674	-5.43E-02	43210745	43210868	NC_000017.10
cg21022906	1.09E-21	1.21E-23	-1.15E+01	42.8985903	-2.57E-01	50474012	50474135	NC_000014.8
cg01311222	1.09E-21	1.21E-23	-1.15E+01	42.8929025	-2.80E-01	124776153	124776276	NC_000003.11
cg22705918	1.09E-21	1.21E-23	-1.15E+01	42.892834	-2.05E-01	25518238	25518361	NC_000002.11
cg07271561	1.09E-21	1.22E-23	-1.15E+01	42.8913661	-1.86E-01	50359363	50359486	NC_000003.11
cg05696706	1.09E-21	1.22E-23	-1.15E+01	42.8904442	-1.82E-01	145013932	145014055	NC_000008.10
cg04193415	1.10E-21	1.22E-23	-1.15E+01	42.8857343	-1.17E-01	30643063	30643186	NC_000022.10
cg17641252	1.10E-21	1.22E-23	-1.15E+01	42.8849535	-2.34E-01	67878535	67878658	NC_000014.8
cg17796043	1.10E-21	1.23E-23	-1.15E+01	42.8804393	-1.78E-01	91137788	91137911	NC_000015.9
cg25928474	1.11E-21	1.23E-23	-1.15E+01	42.8795491	-2.35E-01	48716301	48716424	NC_000017.10
cg02161471	1.11E-21	1.23E-23	-1.15E+01	42.8769122	-1.35E-01	1857442	1857565	NC_000019.9
cg05339305	1.12E-21	1.25E-23	-1.15E+01	42.8680653	-8.15E-02	65657822	65657945	NC_000011.9
cg26787801	1.12E-21	1.25E-23	-1.15E+01	42.865374	-1.23E-01	140211058	140211181	NC_000009.11
cg18582260	1.15E-21	1.29E-23	-1.15E+01	42.8340668	-2.83E-01	25085301	25085424	NC_000013.10
cg08831077	1.15E-21	1.29E-23	-1.15E+01	42.8323069	-2.29E-01	11178745	11178868	NC_000003.11
cg20815701	1.16E-21	1.30E-23	-1.15E+01	42.8282883	-1.07E-01	110454063	110454186	NC_000001.10
cg04324276	1.16E-21	1.30E-23	-1.15E+01	42.8242958	-1.96E-01	17817462	17817585	NC_000017.10
cg13283635	1.17E-21	1.31E-23	-1.15E+01	42.8205656	-1.96E-01	61450653	61450776	NC_000020.10
cg22525069	1.19E-21	1.33E-23	-1.15E+01	42.8028447	-1.98E-01	193587264	193587387	NC_000003.11

cg16053334	1.19E-21	1.33E-23	-1.15E+01	42.7999837	-1.13E-01	65343118	65343241	NC_000011.9
cg14684457	1.22E-21	1.37E-23	-1.15E+01	42.7739523	-2.57E-01	26192966	26193089	NC_000007.13
cg14212038	1.23E-21	1.37E-23	-1.15E+01	42.7701273	-2.09E-01	66738758	66738881	NC_000011.9
cg02276807	1.23E-21	1.38E-23	-1.15E+01	42.7641706	-2.37E-01	133022677	133022800	NC_000012.11
cg08347042	1.23E-21	1.38E-23	-1.15E+01	42.7637348	-1.17E-01	45579378	45579501	NC_000019.9
cg07242931	1.24E-21	1.39E-23	-1.15E+01	42.760954	-1.80E-01	26034297	26034420	NC_000001.10
cg06834507	1.24E-21	1.39E-23	-1.15E+01	42.7575784	-2.59E-01	200876957	200877080	NC_000001.10
cg15862165	1.26E-21	1.41E-23	-1.15E+01	42.7433157	-2.71E-01	94161116	94161239	NC_000012.11
cg14019757	1.26E-21	1.42E-23	-1.15E+01	42.7402947	-2.59E-01	67231728	67231851	NC_000017.10
cg24023258	1.26E-21	1.42E-23	-1.15E+01	42.7381734	-2.61E-01	143781297	143781420	NC_000008.10
cg00892567	1.26E-21	1.42E-23	-1.15E+01	42.7377872	-7.09E-02	56323934	56324057	NC_000020.10
cg26318265	1.29E-21	1.45E-23	-1.15E+01	42.7163908	-2.18E-01	1990435	1990558	NC_000011.9
cg14328115	1.29E-21	1.45E-23	-1.15E+01	42.7153175	-3.03E-01	2554562	2554685	NC_000011.9
cg06250720	1.29E-21	1.45E-23	-1.15E+01	42.7153044	-2.84E-01	5593949	5594072	NC_000010.10
cg06191357	1.29E-21	1.45E-23	-1.15E+01	42.7152385	-1.62E-01	172714273	172714396	NC_000001.10
cg19974448	1.29E-21	1.46E-23	-1.15E+01	42.7134308	-2.29E-01	127262774	127262897	NC_000010.10
cg03946955	1.29E-21	1.46E-23	-1.15E+01	42.711197	-1.29E-01	156096301	156096424	NC_000001.10
cg13622821	1.30E-21	1.47E-23	-1.15E+01	42.7048847	-1.30E-01	31702915	31703038	NC_000006.11
cg22641093	1.30E-21	1.47E-23	-1.15E+01	42.7022013	-1.34E-01	17536024	17536147	NC_000019.9
cg09516200	1.30E-21	1.47E-23	-1.15E+01	42.7013348	-3.05E-01	78735324	78735447	NC_000017.10
cg09159452	1.33E-21	1.50E-23	-1.14E+01	42.6844235	-3.16E-01	2609861	2609984	NC_000007.13
cg00718519	1.33E-21	1.50E-23	-1.14E+01	42.6824053	-7.06E-02	30689608	30689731	NC_000006.11
cg02006134	1.33E-21	1.51E-23	-1.14E+01	42.6800187	-2.02E-01	963333	963456	NC_000007.13
cg26330809	1.33E-21	1.51E-23	-1.14E+01	42.6767027	-2.48E-01	112620506	112620629	NC_000006.11
cg13480493	1.34E-21	1.51E-23	-1.14E+01	42.6743262	-2.81E-01	102613887	102614010	NC_000009.11

cg24450239	1.34E-21	1.51E-23	-1.14E+01	42.6735814	-2.88E-01	101348501	101348624	NC_000008.10
cg18642234	1.35E-21	1.53E-23	-1.14E+01	42.6655719	-2.22E-01	49394622	49394745	NC_000003.11
cg01986577	1.35E-21	1.53E-23	-1.14E+01	42.664663	-1.35E-01	27485373	27485496	NC_000012.11
cg18919478	1.36E-21	1.54E-23	-1.14E+01	42.6593101	-1.92E-01	104384584	104384707	NC_000008.10
cg11314684	1.36E-21	1.54E-23	-1.14E+01	42.6579999	-1.99E-01	244006288	244006411	NC_000001.10
cg03140135	1.36E-21	1.54E-23	-1.14E+01	42.6579267	-1.93E-01	13350820	13350943	NC_000012.11
cg06624951	1.36E-21	1.54E-23	-1.14E+01	42.6567069	-2.05E-01	133055588	133055711	NC_000012.11
cg04324821	1.36E-21	1.54E-23	-1.14E+01	42.6566947	-2.16E-01	101397191	101397314	NC_000002.11
cg18202080	1.36E-21	1.54E-23	-1.14E+01	42.6547389	-1.21E-01	232765247	232765370	NC_000002.11
cg04462652	1.37E-21	1.56E-23	-1.14E+01	42.6447937	-9.76E-02	133429088	133429211	NC_000002.11
cg06818532	1.38E-21	1.57E-23	-1.14E+01	42.6411844	-2.26E-01	107318032	107318155	NC_000003.11
cg10166664	1.38E-21	1.57E-23	-1.14E+01	42.6405228	-3.15E-01	60624229	60624352	NC_000005.9
cg21450381	1.39E-21	1.57E-23	-1.14E+01	42.6352837	-2.55E-01	19836352	19836475	NC_000012.11
cg22918360	1.40E-21	1.59E-23	-1.14E+01	42.6254568	-1.80E-01	1259039	1259162	NC_000019.9
cg19516340	1.40E-21	1.59E-23	-1.14E+01	42.6238598	-2.27E-01	10263696	10263819	NC_000002.11
cg17662083	1.40E-21	1.59E-23	-1.14E+01	42.6231192	-2.30E-01	36004632	36004755	NC_000019.9
cg21198586	1.41E-21	1.61E-23	-1.14E+01	42.615947	-2.14E-01	12791832	12791955	NC_000011.9
cg06710195	1.41E-21	1.61E-23	-1.14E+01	42.614521	-2.40E-01	108479452	108479575	NC_000001.10
cg03902450	1.41E-21	1.61E-23	-1.14E+01	42.6135353	-1.85E-01	125412894	125413017	NC_000012.11
cg19570940	1.43E-21	1.62E-23	-1.14E+01	42.6046239	-9.13E-02	73331567	73331690	NC_000005.9
cg27139457	1.44E-21	1.64E-23	-1.14E+01	42.5959139	-2.24E-01	85637739	85637862	NC_000002.11
cg12221087	1.45E-21	1.65E-23	-1.14E+01	42.5887599	-2.21E-01	78237432	78237555	NC_000017.10
cg17942763	1.45E-21	1.65E-23	-1.14E+01	42.5873598	-2.29E-01	2163472	2163595	NC_000001.10
cg03175417	1.45E-21	1.66E-23	-1.14E+01	42.5856451	-2.52E-01	20050298	20050421	NC_000022.10
cg20883831	1.46E-21	1.66E-23	-1.14E+01	42.5812836	-2.15E-01	150652948	150653071	NC_000007.13

cg06473927	1.46E-21	1.67E-23	-1.14E+01	42.5783933	-8.23E-02	1568614	1568737	NC_000011.9
cg05146922	1.46E-21	1.67E-23	-1.14E+01	42.5777475	-2.08E-01	10634174	10634297	NC_000002.11
cg19362478	1.46E-21	1.67E-23	-1.14E+01	42.576445	-2.56E-01	42420460	42420583	NC_000001.10
cg24908413	1.48E-21	1.69E-23	-1.14E+01	42.5661753	-8.71E-02	46663136	46663259	NC_000017.10
cg26683425	1.49E-21	1.70E-23	-1.14E+01	42.5598732	-2.29E-01	74210521	74210644	NC_000014.8
cg23309670	1.50E-21	1.71E-23	-1.14E+01	42.5511059	-3.01E-01	36756830	36756953	NC_000006.11
cg01883943	1.51E-21	1.72E-23	-1.14E+01	42.5459121	-1.18E-01	40799054	40799177	NC_000005.9
cg01040585	1.51E-21	1.73E-23	-1.14E+01	42.541766	-1.69E-01	36907054	36907177	NC_000017.10
cg07127410	1.52E-21	1.74E-23	-1.14E+01	42.5346809	-2.56E-01	29427851	29427974	NC_000022.10
cg11530995	1.53E-21	1.75E-23	-1.14E+01	42.5310794	-1.32E-01	68497992	68498115	NC_000015.9
cg12110216	1.54E-21	1.76E-23	-1.14E+01	42.5235793	-6.97E-02	119455041	119455164	NC_000011.9
cg05290300	1.54E-21	1.77E-23	-1.14E+01	42.5210432	-1.50E-01	80966763	80966886	NC_000016.9
cg18914023	1.54E-21	1.77E-23	-1.14E+01	42.5196041	-1.41E-01	74868443	74868566	NC_000014.8
cg09298313	1.55E-21	1.77E-23	-1.14E+01	42.516266	-2.04E-01	55569959	55570082	NC_000014.8
cg06719604	1.56E-21	1.79E-23	-1.14E+01	42.5094524	-2.79E-01	55361310	55361433	NC_000002.11
cg04987499	1.57E-21	1.80E-23	-1.14E+01	42.5007101	-2.30E-01	61524073	61524196	NC_000017.10
cg18047032	1.57E-21	1.81E-23	-1.14E+01	42.4994907	-1.42E-01	90576987	90577110	NC_000005.9
cg21459229	1.57E-21	1.81E-23	-1.14E+01	42.4982441	-7.27E-02	137834755	137834878	NC_000003.11
cg06942111	1.58E-21	1.81E-23	-1.14E+01	42.4971994	-2.52E-01	108115416	108115539	NC_000001.10
cg19961980	1.58E-21	1.81E-23	-1.14E+01	42.4970053	-2.47E-01	55063854	55063977	NC_000007.13
cg27413008	1.58E-21	1.81E-23	-1.14E+01	42.4962556	-2.37E-01	28519597	28519720	NC_000016.9
cg22481448	1.59E-21	1.83E-23	-1.14E+01	42.4850984	-3.13E-01	27480668	27480791	NC_000001.10
cg07948480	1.60E-21	1.84E-23	-1.14E+01	42.4831194	-2.66E-01	120996546	120996669	NC_000002.11
cg07830472	1.61E-21	1.85E-23	-1.14E+01	42.4744533	-2.91E-01	97983916	97984039	NC_000007.13
cg12386646	1.62E-21	1.87E-23	-1.14E+01	42.4656756	-1.81E-01	41787261	41787384	NC_000015.9



cg22786472	1.63E-21	1.87E-23	-1.14E+01	42.4635179	-2.95E-01	26198975	26199098	NC_000004.11
cg24724689	1.64E-21	1.89E-23	-1.14E+01	42.4549821	-2.45E-01	11087224	11087347	NC_000002.11
cg22619412	1.65E-21	1.90E-23	-1.14E+01	42.4496518	-1.08E-01	676009	676132	NC_000019.9
cg16223546	1.65E-21	1.90E-23	-1.14E+01	42.447715	-1.59E-01	158768976	158769099	NC_000005.9
cg21579399	1.65E-21	1.91E-23	-1.14E+01	42.4455903	-2.90E-01	11890700	11890823	NC_000002.11
cg26376241	1.65E-21	1.91E-23	-1.14E+01	42.44456	-2.82E-01	65594021	65594144	NC_000002.11
cg26280911	1.66E-21	1.91E-23	-1.14E+01	42.4416106	-2.22E-01	133891771	133891894	NC_000005.9
cg16757281	1.67E-21	1.92E-23	-1.14E+01	42.4370219	-1.26E-01	685785	685908	NC_000016.9
cg19651003	1.67E-21	1.92E-23	-1.14E+01	42.4367681	-1.72E-01	583049	583172	NC_000019.9
cg08548284	1.67E-21	1.93E-23	-1.14E+01	42.4310752	-2.61E-01	14382172	14382295	NC_000001.10
cg20366110	1.69E-21	1.95E-23	-1.14E+01	42.421823	-2.73E-01	124720897	124721020	NC_000008.10
cg11265749	1.69E-21	1.96E-23	-1.14E+01	42.4200313	-1.42E-01	560499	560622	NC_000007.13
cg07499182	1.69E-21	1.96E-23	-1.14E+01	42.4187063	-3.09E-01	33825496	33825619	NC_000013.10
cg22764374	1.70E-21	1.97E-23	-1.14E+01	42.4138445	-2.93E-01	12163421	12163544	NC_000012.11
cg06023661	1.72E-21	1.99E-23	-1.14E+01	42.4045111	-2.04E-01	32164801	32164924	NC_000006.11
cg18706476	1.73E-21	2.00E-23	-1.14E+01	42.3982733	-2.39E-01	49940245	49940368	NC_000003.11
cg21055684	1.73E-21	2.00E-23	-1.14E+01	42.3975515	-9.26E-02	107005047	107005170	NC_000005.9
cg27262041	1.73E-21	2.01E-23	-1.14E+01	42.3949269	-2.50E-01	19654032	19654155	NC_000011.9
cg05211768	1.73E-21	2.01E-23	-1.14E+01	42.3947112	-1.97E-01	91427848	91427971	NC_000015.9
cg08899105	1.75E-21	2.03E-23	-1.14E+01	42.3821701	-1.94E-01	93450671	93450794	NC_000015.9
cg19869746	1.76E-21	2.04E-23	-1.14E+01	42.376896	-2.18E-01	7107108	7107231	NC_000006.11
cg19061696	1.77E-21	2.05E-23	-1.14E+01	42.3723431	-2.70E-01	45581335	45581458	NC_000002.11
cg10800346	1.78E-21	2.07E-23	-1.14E+01	42.3636488	-3.15E-01	114829496	114829619	NC_000013.10
cg06048750	1.79E-21	2.07E-23	-1.14E+01	42.3613021	-2.68E-01	3823844	3823967	NC_000010.10
cg24278165	1.79E-21	2.08E-23	-1.14E+01	42.3609124	-2.59E-01	23083551	23083674	NC_000008.10

cg05951609	1.79E-21	2.08E-23	-1.14E+01	42.3568405	-2.56E-01	77356507	77356630	NC_000004.11
cg12902896	1.82E-21	2.12E-23	-1.14E+01	42.3386741	-2.05E-01	37987838	37987961	NC_000003.11
cg26169991	1.83E-21	2.13E-23	-1.14E+01	42.3344063	-2.39E-01	155049620	155049743	NC_000007.13
cg01657995	1.84E-21	2.14E-23	-1.14E+01	42.3316895	-1.97E-01	31804883	31805006	NC_000006.11
cg13306478	1.84E-21	2.14E-23	-1.14E+01	42.3285796	-2.97E-01	31317745	31317868	NC_000013.10
cg07441152	1.87E-21	2.18E-23	-1.14E+01	42.3124229	-2.38E-01	144814911	144815034	NC_000008.10
cg12458966	1.87E-21	2.18E-23	-1.14E+01	42.311413	-2.24E-01	223674115	223674238	NC_000001.10
cg05954120	1.88E-21	2.19E-23	-1.14E+01	42.3078704	-1.99E-01	156254757	156254880	NC_000001.10
cg03281139	1.90E-21	2.22E-23	-1.14E+01	42.2921819	-2.78E-01	3451135	3451258	NC_000019.9
cg16362949	1.91E-21	2.23E-23	-1.14E+01	42.2893436	-1.97E-01	1390671	1390794	NC_000017.10
cg23976388	1.92E-21	2.24E-23	-1.14E+01	42.284384	-2.02E-01	61510081	61510204	NC_000011.9
cg00547530	1.93E-21	2.25E-23	-1.14E+01	42.2793003	-2.26E-01	3559687	3559810	NC_000016.9
cg15095917	1.93E-21	2.26E-23	-1.14E+01	42.2749158	-1.51E-01	7482694	7482817	NC_000017.10
cg25356697	1.94E-21	2.28E-23	-1.14E+01	42.2697622	-1.31E-01	33282736	33282859	NC_000006.11
cg23413697	1.95E-21	2.28E-23	-1.14E+01	42.2668706	-5.49E-02	5602639	5602762	NC_000007.13
cg15543045	1.96E-21	2.30E-23	-1.14E+01	42.2598996	-2.40E-01	3487334	3487457	NC_000004.11
cg05572370	2.00E-21	2.34E-23	-1.14E+01	42.2397403	-1.59E-01	2323247	2323370	NC_000011.9
cg27159695	2.00E-21	2.35E-23	-1.14E+01	42.2375947	-9.27E-02	30382569	30382692	NC_000016.9
cg04089434	2.02E-21	2.37E-23	-1.14E+01	42.2296341	-1.38E-01	94516971	94517094	NC_000010.10
cg22450406	2.02E-21	2.37E-23	-1.14E+01	42.2288892	-2.70E-01	235422165	235422288	NC_000002.11
cg18449021	2.04E-21	2.39E-23	-1.14E+01	42.2191342	-1.89E-01	107004816	107004939	NC_000005.9
cg03523740	2.04E-21	2.40E-23	-1.14E+01	42.2184482	-1.40E-01	32645027	32645150	NC_000001.10
cg02149376	2.04E-21	2.40E-23	-1.14E+01	42.2180073	-2.10E-01	119270205	119270328	NC_000004.11
cg19628600	2.04E-21	2.40E-23	-1.14E+01	42.2166327	-2.22E-01	71032216	71032339	NC_000003.11
cg23060390	2.05E-21	2.41E-23	-1.14E+01	42.2137265	-8.99E-02	75863429	75863552	NC_000011.9

cg12907644	2.06E-21	2.42E-23	-1.14E+01	42.2063693	-1.95E-01	18270341	18270464	NC_000011.9
cg21538684	2.06E-21	2.43E-23	-1.14E+01	42.2059359	-2.77E-01	13274180	13274303	NC_000006.11
cg06255037	2.06E-21	2.43E-23	-1.14E+01	42.2052412	-1.84E-01	41634447	41634570	NC_000022.10
cg17799563	2.07E-21	2.43E-23	-1.14E+01	42.2036855	-2.14E-01	17422775	17422898	NC_000019.9
cg07754940	2.07E-21	2.44E-23	-1.14E+01	42.2019116	-2.92E-01	89912729	89912852	NC_000010.10
cg15701237	2.12E-21	2.49E-23	-1.14E+01	42.17914	-2.09E-01	187086154	187086277	NC_000003.11
cg11895596	2.12E-21	2.49E-23	-1.14E+01	42.1784627	-2.59E-01	57955820	57955943	NC_000003.11
cg21747271	2.13E-21	2.51E-23	-1.14E+01	42.1711093	-1.71E-01	67250052	67250175	NC_000011.9
cg00975270	2.15E-21	2.54E-23	-1.14E+01	42.1619315	-6.54E-02	127174816	127174939	NC_000003.11
cg19314352	2.17E-21	2.56E-23	-1.14E+01	42.1538512	-9.72E-02	38501397	38501520	NC_000017.10
cg24069962	2.17E-21	2.56E-23	-1.14E+01	42.1525049	-2.32E-01	46391729	46391852	NC_000002.11
cg24588162	2.17E-21	2.56E-23	-1.14E+01	42.1516309	-1.78E-01	113633484	113633607	NC_000013.10
cg15705813	2.17E-21	2.57E-23	-1.14E+01	42.1485372	-2.68E-01	70297499	70297622	NC_000002.11
cg23670794	2.19E-21	2.59E-23	-1.14E+01	42.1423901	-2.75E-01	111313065	111313188	NC_000003.11
cg16367976	2.21E-21	2.61E-23	-1.14E+01	42.1338474	-1.18E-01	50969678	50969801	NC_000022.10
cg12622958	2.29E-21	2.72E-23	-1.14E+01	42.0932914	-1.47E-01	41759997	41760120	NC_000004.11
cg15043615	2.31E-21	2.74E-23	-1.14E+01	42.0855323	-1.68E-01	74025708	74025831	NC_000017.10
cg00866556	2.34E-21	2.78E-23	-1.14E+01	42.0715545	-1.39E-01	29449356	29449479	NC_000001.10
cg17330303	2.35E-21	2.79E-23	-1.14E+01	42.0667877	-2.09E-01	27189648	27189771	NC_000001.10
cg18101140	2.35E-21	2.79E-23	-1.14E+01	42.0666086	-1.64E-01	67142001	67142124	NC_000011.9
cg21374048	2.35E-21	2.79E-23	-1.14E+01	42.066392	-2.04E-01	56013560	56013683	NC_000017.10
cg11764177	2.36E-21	2.80E-23	-1.14E+01	42.0652718	-9.26E-02	6266416	6266539	NC_000001.10
cg13374701	2.36E-21	2.80E-23	-1.14E+01	42.0636331	-2.03E-01	27190088	27190211	NC_000001.10
cg08418872	2.40E-21	2.85E-23	-1.14E+01	42.0447967	-2.43E-01	6442954	6443077	NC_000012.11
cg00146645	2.43E-21	2.88E-23	-1.14E+01	42.0343067	-1.84E-01	228644750	228644873	NC_000001.10

cg09632136	2.43E-21	2.89E-23	-1.14E+01	42.0331211	-2.65E-01	114165661	114165784	NC_000011.9
cg12410273	2.44E-21	2.90E-23	-1.14E+01	42.0275969	-1.69E-01	88714903	88715026	NC_000009.11
cg00674220	2.45E-21	2.91E-23	-1.14E+01	42.0243902	-2.60E-01	27610741	27610864	NC_000013.10
cg10752406	2.45E-21	2.92E-23	-1.14E+01	42.0215055	-1.84E-01	827776	827899	NC_000019.9
cg10342016	2.46E-21	2.93E-23	-1.14E+01	42.0194049	-2.20E-01	57802622	57802745	NC_000008.10
cg10949007	2.47E-21	2.94E-23	-1.13E+01	42.0135939	-3.44E-01	95159614	95159737	NC_000005.9
cg17371070	2.48E-21	2.95E-23	-1.13E+01	42.0107773	-2.53E-01	125239977	125240100	NC_000008.10
cg00003900	2.51E-21	3.00E-23	-1.13E+01	41.9958887	-1.19E-01	2897074	2897197	NC_000016.9
cg00167841	2.53E-21	3.01E-23	-1.13E+01	41.9903714	-1.53E-01	30923672	30923795	NC_000006.11
cg00335169	2.54E-21	3.03E-23	-1.13E+01	41.9838065	-8.45E-02	129705158	129705281	NC_000010.10
cg20758982	2.55E-21	3.04E-23	-1.13E+01	41.9820127	-1.59E-01	74162072	74162195	NC_000006.11
cg27049539	2.55E-21	3.05E-23	-1.13E+01	41.980037	-2.43E-01	234395837	234395960	NC_000002.11
cg21658153	2.56E-21	3.06E-23	-1.13E+01	41.9759387	-2.14E-01	16178570	16178693	NC_000019.9
cg03509949	2.57E-21	3.06E-23	-1.13E+01	41.973837	-2.46E-01	56236869	56236992	NC_000012.11
cg04058799	2.57E-21	3.07E-23	-1.13E+01	41.9727136	-2.37E-01	151547969	151548092	NC_000007.13
cg04322486	2.60E-21	3.11E-23	-1.13E+01	41.960041	-2.36E-01	55601226	55601349	NC_000007.13
cg02273436	2.62E-21	3.13E-23	-1.13E+01	41.9531771	-2.59E-01	55143269	55143392	NC_000004.11
cg16474725	2.63E-21	3.15E-23	-1.13E+01	41.9464118	-3.04E-01	45979349	45979472	NC_000006.11
cg04447362	2.64E-21	3.16E-23	-1.13E+01	41.9436033	-2.13E-01	237654635	237654758	NC_000002.11
cg02088237	2.68E-21	3.21E-23	-1.13E+01	41.9292457	-2.74E-01	39304008	39304131	NC_000006.11
cg26399164	2.68E-21	3.21E-23	-1.13E+01	41.9289314	-1.09E-01	69455217	69455340	NC_000011.9
cg27080119	2.68E-21	3.21E-23	-1.13E+01	41.9284183	-1.61E-01	120987409	120987532	NC_000004.11
cg07563611	2.68E-21	3.21E-23	-1.13E+01	41.9277352	-2.54E-01	70794856	70794979	NC_000016.9
cg23670779	2.70E-21	3.24E-23	-1.13E+01	41.9190753	-2.15E-01	582843	582966	NC_000007.13
cg18292904	2.74E-21	3.29E-23	-1.13E+01	41.904661	-2.79E-01	49939703	49939826	NC_000003.11

cg02532341	2.75E-21	3.30E-23	-1.13E+01	41.900534	-2.63E-01	10399439	10399562	NC_000003.11
cg17020695	2.75E-21	3.30E-23	-1.13E+01	41.8989982	-1.31E-01	113498174	113498297	NC_000001.10
cg05294243	2.76E-21	3.32E-23	-1.13E+01	41.8955117	-1.45E-01	51569106	51569229	NC_000019.9
cg03611598	2.76E-21	3.32E-23	-1.13E+01	41.8941001	-1.53E-01	48586076	48586199	NC_000017.10
cg17766007	2.77E-21	3.33E-23	-1.13E+01	41.8905639	-1.80E-01	51522921	51523044	NC_000019.9
cg07360076	2.77E-21	3.33E-23	-1.13E+01	41.8903415	-1.67E-01	1794639	1794762	NC_000004.11
cg23720331	2.78E-21	3.34E-23	-1.13E+01	41.8875561	-2.11E-01	123873670	123873793	NC_000010.10
cg04021497	2.79E-21	3.35E-23	-1.13E+01	41.8847587	-1.92E-01	24307291	24307414	NC_000001.10
cg19880942	2.80E-21	3.36E-23	-1.13E+01	41.8811906	-2.12E-01	69672404	69672527	NC_000008.10
cg00782811	2.81E-21	3.38E-23	-1.13E+01	41.8752456	-2.70E-01	46293734	46293857	NC_000006.11
cg03984209	2.83E-21	3.40E-23	-1.13E+01	41.8702357	-2.55E-01	55920018	55920141	NC_000003.11
cg07261419	2.83E-21	3.40E-23	-1.13E+01	41.8696722	-2.19E-01	36132507	36132630	NC_000019.9
cg19303682	2.88E-21	3.47E-23	-1.13E+01	41.850514	-1.19E-01	4229214	4229337	NC_000019.9
cg23191354	2.89E-21	3.49E-23	-1.13E+01	41.8462765	-2.13E-01	25018565	25018688	NC_000007.13
cg02523270	2.90E-21	3.49E-23	-1.13E+01	41.8445771	-2.64E-01	193987651	193987774	NC_000003.11
cg12750917	2.90E-21	3.49E-23	-1.13E+01	41.8440303	-2.15E-01	198204074	198204197	NC_000001.10
cg13700073	2.92E-21	3.53E-23	-1.13E+01	41.83479	-1.41E-01	79495324	79495447	NC_000017.10
cg10524915	2.93E-21	3.54E-23	-1.13E+01	41.8314302	-1.10E-01	94857046	94857169	NC_000014.8
cg23903301	3.00E-21	3.62E-23	-1.13E+01	41.8092451	-2.86E-01	33744366	33744489	NC_000011.9
cg05058204	3.01E-21	3.63E-23	-1.13E+01	41.8051976	-1.05E-01	173129681	173129804	NC_000003.11
cg20738274	3.02E-21	3.65E-23	-1.13E+01	41.8014927	-2.09E-01	207201020	207201143	NC_000001.10
cg15910208	3.02E-21	3.65E-23	-1.13E+01	41.799803	-1.72E-01	51522588	51522711	NC_000019.9
cg25132536	3.03E-21	3.66E-23	-1.13E+01	41.796415	-2.51E-01	19152434	19152557	NC_000017.10
cg11429044	3.04E-21	3.67E-23	-1.13E+01	41.794496	-2.39E-01	13947473	13947596	NC_000019.9
cg07387700	3.05E-21	3.69E-23	-1.13E+01	41.7908802	-1.04E-01	156848544	156848667	NC_000003.11

ch.20.1295406F	3.06E-21	3.70E-23	-1.13E+01	41.7873599	-9.49E-02	56228606	56228729	NC_000020.10
cg06136702	3.06E-21	3.70E-23	-1.13E+01	41.7865988	-1.73E-01	31082631	31082754	NC_000006.11
cg10223233	3.07E-21	3.72E-23	-1.13E+01	41.7820674	-1.59E-01	64373395	64373518	NC_000010.10
cg01957582	3.09E-21	3.74E-23	-1.13E+01	41.7771117	-1.29E-01	32341780	32341903	NC_000022.10
cg16303129	3.11E-21	3.76E-23	-1.13E+01	41.7696234	-1.53E-01	48105885	48106008	NC_000017.10
cg08909156	3.11E-21	3.77E-23	-1.13E+01	41.7691596	-2.20E-01	36616028	36616151	NC_000001.10
cg02153681	3.11E-21	3.77E-23	-1.13E+01	41.76759	-2.95E-01	20714818	20714941	NC_000002.11
cg25626472	3.15E-21	3.82E-23	-1.13E+01	41.7552545	-2.46E-01	31939075	31939198	NC_000010.10
cg10536999	3.15E-21	3.83E-23	-1.13E+01	41.7537919	-2.40E-01	26193109	26193232	NC_000007.13
cg10009657	3.17E-21	3.84E-23	-1.13E+01	41.7491373	-8.41E-02	4153419	4153542	NC_000019.9
cg07803108	3.17E-21	3.85E-23	-1.13E+01	41.7481497	-1.71E-01	42081927	42082050	NC_000017.10
cg04067276	3.17E-21	3.85E-23	-1.13E+01	41.7473833	-1.48E-01	106958303	106958426	NC_000006.11
cg19997384	3.20E-21	3.89E-23	-1.13E+01	41.7382814	-1.35E-01	41685595	41685718	NC_000008.10
cg07188648	3.21E-21	3.90E-23	-1.13E+01	41.7342794	-2.34E-01	111402694	111402817	NC_000011.9
cg11248450	3.21E-21	3.90E-23	-1.13E+01	41.7340956	-1.02E-01	41472657	41472780	NC_000006.11
cg03359362	3.22E-21	3.91E-23	-1.13E+01	41.7318582	-1.77E-01	47289611	47289734	NC_000019.9
cg13424870	3.23E-21	3.93E-23	-1.13E+01	41.7274166	-9.05E-02	73083812	73083935	NC_000017.10
cg18522931	3.24E-21	3.94E-23	-1.13E+01	41.7249115	-3.12E-01	63776828	63776951	NC_000010.10
cg14054279	3.25E-21	3.95E-23	-1.13E+01	41.7211945	-2.52E-01	185676640	185676763	NC_000003.11
cg03875819	3.27E-21	3.98E-23	-1.13E+01	41.7146922	-2.98E-01	4386802	4386925	NC_000010.10
cg14600987	3.28E-21	3.99E-23	-1.13E+01	41.7116929	-1.87E-01	1952678	1952801	NC_000011.9
cg19250790	3.28E-21	3.99E-23	-1.13E+01	41.7112152	-1.48E-01	2614086	2614209	NC_000019.9
cg06615754	3.32E-21	4.04E-23	-1.13E+01	41.6996181	-1.71E-01	58193071	58193194	NC_000019.9
cg25599475	3.32E-21	4.05E-23	-1.13E+01	41.6974384	-7.82E-02	853038	853161	NC_000007.13
cg02398682	3.33E-21	4.06E-23	-1.13E+01	41.6939488	-1.82E-01	32802228	32802351	NC_000001.10

cg25565203	3.34E-21	4.07E-23	-1.13E+01	41.6930792	-2.38E-01	56989227	56989350	NC_000005.9
cg15269394	3.36E-21	4.10E-23	-1.13E+01	41.6842491	-2.44E-01	40672083	40672206	NC_000017.10
cg04416981	3.37E-21	4.11E-23	-1.13E+01	41.6833591	-1.13E-01	89043707	89043830	NC_000016.9
cg25979108	3.38E-21	4.12E-23	-1.13E+01	41.6797771	-1.84E-01	18700553	18700676	NC_000019.9
cg01301339	3.38E-21	4.12E-23	-1.13E+01	41.6793057	-8.63E-02	180673096	180673219	NC_000005.9
cg22331108	3.38E-21	4.12E-23	-1.13E+01	41.6790684	-1.37E-01	232478452	232478575	NC_000002.11
cg09173378	3.39E-21	4.14E-23	-1.13E+01	41.6760602	-2.68E-01	196370245	196370368	NC_000001.10
cg27494383	3.40E-21	4.15E-23	-1.13E+01	41.6720088	-1.98E-01	41805868	41805991	NC_000015.9
cg00939627	3.40E-21	4.16E-23	-1.13E+01	41.6710345	-1.37E-01	4994685	4994808	NC_000016.9
cg19782880	3.41E-21	4.17E-23	-1.13E+01	41.6671406	-1.57E-01	9757565	9757688	NC_000003.11
cg07611000	3.42E-21	4.18E-23	-1.13E+01	41.666687	-1.19E-01	65342262	65342385	NC_000011.9
cg01959516	3.43E-21	4.20E-23	-1.13E+01	41.6620891	-2.19E-01	2449276	2449399	NC_000006.11
cg23108232	3.43E-21	4.20E-23	-1.13E+01	41.6610742	-2.52E-01	59628483	59628606	NC_000014.8
cg19310148	3.46E-21	4.23E-23	-1.13E+01	41.6530246	-2.16E-01	26196274	26196397	NC_000007.13
cg22902400	3.47E-21	4.25E-23	-1.13E+01	41.6489493	-1.58E-01	39473197	39473320	NC_000022.10
cg22246295	3.48E-21	4.26E-23	-1.13E+01	41.6474029	-1.15E-01	10138705	10138828	NC_000019.9
cg15540371	3.50E-21	4.28E-23	-1.13E+01	41.6416713	-1.26E-01	105553520	105553643	NC_000014.8
cg16725050	3.51E-21	4.30E-23	-1.13E+01	41.6376627	-1.10E-01	220117771	220117894	NC_000002.11
cg06784691	3.52E-21	4.32E-23	-1.13E+01	41.6335983	-1.37E-01	2245988	2246111	NC_000001.10
cg17278453	3.55E-21	4.36E-23	-1.13E+01	41.6230509	-1.90E-01	45962576	45962699	NC_000007.13
cg02054358	3.56E-21	4.37E-23	-1.13E+01	41.6209406	-1.95E-01	70335431	70335554	NC_000017.10
cg26230275	3.58E-21	4.40E-23	-1.13E+01	41.615986	-1.79E-01	151965283	151965406	NC_000001.10
cg13988606	3.59E-21	4.41E-23	-1.13E+01	41.6119005	-5.59E-02	113258121	113258244	NC_000001.10
ch.2.4671106R	3.60E-21	4.43E-23	-1.13E+01	41.6076347	-1.31E-01	233179995	233180118	NC_000002.11
cg15330584	3.60E-21	4.43E-23	-1.13E+01	41.6076105	-7.31E-02	69455512	69455635	NC_000011.9

cg03005261	3.65E-21	4.50E-23	-1.13E+01	41.5934775	-1.92E-01	110480828	110480951	NC_000004.11
cg07369606	3.65E-21	4.50E-23	-1.13E+01	41.5934713	-1.72E-01	80290169	80290292	NC_000017.10
cg17516247	3.67E-21	4.52E-23	-1.13E+01	41.5882908	-3.15E-01	174933574	174933697	NC_000001.10
cg05417332	3.68E-21	4.53E-23	-1.13E+01	41.5852224	-1.85E-01	30104025	30104148	NC_000016.9
cg18689504	3.70E-21	4.56E-23	-1.13E+01	41.579496	-1.24E-01	32164585	32164708	NC_000006.11
cg26076428	3.70E-21	4.56E-23	-1.13E+01	41.5790202	-1.31E-01	127175109	127175232	NC_000003.11
cg09715353	3.71E-21	4.57E-23	-1.13E+01	41.5768577	-2.77E-01	120190031	120190154	NC_000002.11
cg18055007	3.71E-21	4.57E-23	-1.13E+01	41.5762846	-2.22E-01	31698226	31698349	NC_000006.11
cg08530414	3.73E-21	4.60E-23	-1.13E+01	41.5705619	-6.97E-02	35160400	35160523	NC_000011.9
cg07303577	3.74E-21	4.62E-23	-1.13E+01	41.5655345	-3.27E-01	3280014	3280137	NC_000012.11
cg04890576	3.76E-21	4.64E-23	-1.13E+01	41.5619169	-2.29E-01	73032613	73032736	NC_000017.10
cg24426208	3.78E-21	4.67E-23	-1.13E+01	41.5548462	-1.35E-01	32050947	32051070	NC_000006.11
cg02732164	3.81E-21	4.71E-23	-1.13E+01	41.5473138	-1.73E-01	6869135	6869258	NC_000007.13
cg11957248	3.81E-21	4.72E-23	-1.13E+01	41.5458994	-2.06E-01	105238964	105239087	NC_000010.10
cg26542660	3.81E-21	4.72E-23	-1.13E+01	41.5458832	-2.48E-01	56813860	56813983	NC_000004.11
cg00124375	3.84E-21	4.75E-23	-1.13E+01	41.5389776	-2.04E-01	31698218	31698341	NC_000006.11
cg14051181	3.86E-21	4.78E-23	-1.13E+01	41.5323965	-1.69E-01	989228	989351	NC_000007.13
cg20349812	3.88E-21	4.81E-23	-1.13E+01	41.5264259	-2.14E-01	4764941	4765064	NC_000007.13
cg19308375	3.92E-21	4.85E-23	-1.13E+01	41.5181422	-2.83E-01	228324937	228325060	NC_000002.11
cg16242615	3.94E-21	4.88E-23	-1.13E+01	41.5127017	-2.57E-01	4059988	4060111	NC_000019.9
cg11756029	3.96E-21	4.91E-23	-1.13E+01	41.5068181	-2.36E-01	112568357	112568480	NC_000012.11
cg14753321	3.96E-21	4.91E-23	-1.13E+01	41.5065936	-2.08E-01	176784914	176785037	NC_000005.9
cg01692279	3.97E-21	4.93E-23	-1.13E+01	41.5026521	-1.87E-01	2569952	2570075	NC_000007.13
cg23316449	3.97E-21	4.93E-23	-1.13E+01	41.5018575	-2.07E-01	73704055	73704178	NC_000014.8
cg10057295	3.98E-21	4.94E-23	-1.13E+01	41.4995587	-1.24E-01	99230004	99230127	NC_000013.10



cg22433862	4.00E-21	4.97E-23	-1.13E+01	41.4945018	-1.88E-01	28013341	28013464	NC_000001.10
cg16382778	4.05E-21	5.03E-23	-1.13E+01	41.4824889	-1.19E-01	152007215	152007338	NC_000001.10
cg24657503	4.05E-21	5.03E-23	-1.13E+01	41.4811298	-1.10E-01	63687154	63687277	NC_000011.9
cg03128029	4.06E-21	5.05E-23	-1.13E+01	41.4786859	-2.37E-01	203143288	203143411	NC_000002.11
cg09723341	4.08E-21	5.07E-23	-1.13E+01	41.4733126	-1.20E-01	4986076	4986199	NC_000016.9
cg25388882	4.10E-21	5.09E-23	-1.13E+01	41.4700591	-2.19E-01	85098598	85098721	NC_000001.10
cg12495853	4.10E-21	5.09E-23	-1.13E+01	41.469385	-1.87E-01	167616968	167617091	NC_000006.11
cg07655487	4.13E-21	5.13E-23	-1.13E+01	41.46164	-2.06E-01	66849820	66849943	NC_000011.9
cg01808969	4.14E-21	5.14E-23	-1.13E+01	41.4597203	-2.48E-01	4786364	4786487	NC_000007.13
cg21661379	4.14E-21	5.16E-23	-1.13E+01	41.4573892	-2.71E-01	228324983	228325106	NC_000002.11
cg25136988	4.25E-21	5.30E-23	-1.13E+01	41.4304833	-2.61E-01	31649623	31649746	NC_000006.11
cg00294534	4.27E-21	5.32E-23	-1.13E+01	41.4263056	-2.17E-01	1607247	1607370	NC_000007.13
cg09784932	4.27E-21	5.33E-23	-1.13E+01	41.4254226	-2.25E-01	20229526	20229649	NC_000022.10
cg17969123	4.30E-21	5.36E-23	-1.13E+01	41.4197885	-1.21E-01	18745971	18746094	NC_000019.9
cg04737759	4.30E-21	5.36E-23	-1.13E+01	41.418591	-2.67E-01	155253937	155254060	NC_000006.11
cg20586328	4.32E-21	5.39E-23	-1.13E+01	41.4143082	-1.67E-01	1628814	1628937	NC_000011.9
cg12211091	4.34E-21	5.42E-23	-1.13E+01	41.4084688	-1.81E-01	2512999	2513122	NC_000019.9
cg15368872	4.34E-21	5.42E-23	-1.13E+01	41.4076922	-1.58E-01	10525233	10525356	NC_000012.11
cg10163776	4.40E-21	5.50E-23	-1.13E+01	41.3928547	-9.25E-02	32433833	32433956	NC_000003.11
cg26513837	4.41E-21	5.51E-23	-1.13E+01	41.391871	-1.03E-01	3014269	3014392	NC_000011.9
cg07120889	4.48E-21	5.59E-23	-1.13E+01	41.3766813	-1.65E-01	150535935	150536058	NC_000001.10
cg19846154	4.49E-21	5.61E-23	-1.13E+01	41.3732454	-2.74E-01	74332112	74332235	NC_000008.10
cg27474957	4.51E-21	5.64E-23	-1.13E+01	41.3676209	-1.11E-01	1567578	1567701	NC_000011.9
cg24641737	4.52E-21	5.66E-23	-1.13E+01	41.3649349	-2.31E-01	111743271	111743394	NC_000001.10
cg05113000	4.57E-21	5.72E-23	-1.13E+01	41.3535554	-1.39E-01	65343833	65343956	NC_000011.9

cg23627828	4.58E-21	5.73E-23	-1.13E+01	41.3520304	-1.64E-01	153540698	153540821	NC_000001.10
cg01174264	4.59E-21	5.75E-23	-1.13E+01	41.3490335	-2.02E-01	80992999	80993122	NC_000004.11
cg18550212	4.61E-21	5.78E-23	-1.13E+01	41.3444363	-2.43E-01	63435428	63435551	NC_000011.9
cg07090714	4.62E-21	5.80E-23	-1.13E+01	41.3411527	-1.71E-01	6857062	6857185	NC_000006.11
cg05695995	4.64E-21	5.81E-23	-1.13E+01	41.3382505	-1.60E-01	7468848	7468971	NC_000006.11
cg25731261	4.68E-21	5.87E-23	-1.12E+01	41.32918	-2.56E-01	47736018	47736141	NC_000019.9
cg26747885	4.68E-21	5.88E-23	-1.12E+01	41.3275805	-1.66E-01	76355701	76355824	NC_000017.10
cg02998936	4.71E-21	5.91E-23	-1.12E+01	41.3217404	-1.01E-01	76338383	76338506	NC_000017.10
cg20068496	4.71E-21	5.92E-23	-1.12E+01	41.3211238	-1.99E-01	78108822	78108945	NC_000014.8
cg09417209	4.72E-21	5.93E-23	-1.12E+01	41.318963	-2.35E-01	11715746	11715869	NC_000016.9
cg01741041	4.72E-21	5.93E-23	-1.12E+01	41.3181112	-1.99E-01	5567862	5567985	NC_000007.13
cg01544270	4.73E-21	5.94E-23	-1.12E+01	41.3165737	-1.80E-01	140300227	140300350	NC_000009.11
cg07540634	4.73E-21	5.95E-23	-1.12E+01	41.3157256	-2.39E-01	67878142	67878265	NC_000014.8
cg19747632	4.75E-21	5.97E-23	-1.12E+01	41.3116686	-1.79E-01	52472703	52472826	NC_000015.9
cg15045802	4.76E-21	5.98E-23	-1.12E+01	41.3096943	-2.11E-01	1857434	1857557	NC_000019.9
cg24174557	4.76E-21	5.98E-23	-1.12E+01	41.3096098	-2.38E-01	57903544	57903667	NC_000017.10
cg04257123	4.76E-21	5.98E-23	-1.12E+01	41.3095312	-1.48E-01	51341745	51341868	NC_000019.9
cg11326510	4.77E-21	6.00E-23	-1.12E+01	41.3069165	-2.94E-01	157347375	157347498	NC_000007.13
cg13738140	4.85E-21	6.10E-23	-1.12E+01	41.2898423	-1.10E-01	140189802	140189925	NC_000009.11
cg14458955	4.89E-21	6.16E-23	-1.12E+01	41.2805264	-1.50E-01	42062938	42063061	NC_000022.10
cg01610979	4.92E-21	6.20E-23	-1.12E+01	41.2744672	-2.58E-01	8193310	8193433	NC_000004.11
cg13829849	4.93E-21	6.22E-23	-1.12E+01	41.2720019	-2.33E-01	72735830	72735953	NC_000009.11
cg06478457	4.95E-21	6.25E-23	-1.12E+01	41.2667484	-6.54E-02	29604764	29604887	NC_000007.13
cg05776704	4.97E-21	6.28E-23	-1.12E+01	41.26155	-7.78E-02	149376672	149376795	NC_000003.11
cg02161084	4.98E-21	6.29E-23	-1.12E+01	41.2603642	-2.66E-01	73989526	73989649	NC_000015.9

cg25642955	5.01E-21	6.33E-23	-1.12E+01	41.2545165	-2.30E-01	33050111	33050234	NC_000005.9
cg21382890	5.01E-21	6.33E-23	-1.12E+01	41.253488	-2.10E-01	178104794	178104917	NC_000002.11
cg12315353	5.03E-21	6.35E-23	-1.12E+01	41.249919	-1.63E-01	29573089	29573212	NC_000006.11
cg00686823	5.05E-21	6.39E-23	-1.12E+01	41.2451075	-2.62E-01	127311038	127311161	NC_000003.11
cg02473237	5.07E-21	6.41E-23	-1.12E+01	41.2409603	-2.30E-01	139004011	139004134	NC_000006.11
cg25307724	5.08E-21	6.42E-23	-1.12E+01	41.2394499	-2.63E-01	113719172	113719295	NC_000013.10
cg12542656	5.09E-21	6.44E-23	-1.12E+01	41.2364768	-3.02E-01	43269469	43269592	NC_000002.11
cg05898618	5.09E-21	6.44E-23	-1.12E+01	41.2361327	-2.31E-01	2555576	2555699	NC_000011.9
cg06048910	5.11E-21	6.47E-23	-1.12E+01	41.2319167	-2.31E-01	2925473	2925596	NC_000011.9
cg26651303	5.12E-21	6.49E-23	-1.12E+01	41.2296368	-2.56E-01	158533204	158533327	NC_000007.13
cg08640824	5.13E-21	6.50E-23	-1.12E+01	41.227091	-2.04E-01	2162506	2162629	NC_000001.10
cg15564619	5.16E-21	6.54E-23	-1.12E+01	41.2219515	-2.76E-01	2163437	2163560	NC_000001.10
cg00252813	5.22E-21	6.62E-23	-1.12E+01	41.2099284	-1.08E-01	6642229	6642352	NC_000012.11
cg01811815	5.23E-21	6.63E-23	-1.12E+01	41.2083659	-2.20E-01	114881103	114881226	NC_000013.10
cg02733351	5.24E-21	6.65E-23	-1.12E+01	41.2051324	-2.52E-01	43802992	43803115	NC_000020.10
cg13836770	5.24E-21	6.65E-23	-1.12E+01	41.2048514	-8.88E-02	12226913	12227036	NC_000001.10
cg07971089	5.29E-21	6.71E-23	-1.12E+01	41.1954239	-1.88E-01	144629702	144629825	NC_000008.10
cg06155341	5.36E-21	6.80E-23	-1.12E+01	41.182298	-1.76E-01	66048759	66048882	NC_000011.9
cg08841829	5.36E-21	6.82E-23	-1.12E+01	41.180439	-9.79E-02	43638893	43639016	NC_000021.8
cg15887927	5.36E-21	6.82E-23	-1.12E+01	41.1799402	-2.62E-01	29148952	29149075	NC_000013.10
cg03144848	5.38E-21	6.84E-23	-1.12E+01	41.1770461	-8.75E-02	142377368	142377491	NC_000008.10
cg22202381	5.40E-21	6.87E-23	-1.12E+01	41.1725032	-2.31E-01	102103051	102103174	NC_000013.10
cg10560147	5.41E-21	6.89E-23	-1.12E+01	41.1701158	-8.16E-02	65779335	65779458	NC_000011.9
cg03193328	5.42E-21	6.89E-23	-1.12E+01	41.1693411	-2.80E-01	65746852	65746975	NC_000007.13
cg21052608	5.43E-21	6.91E-23	-1.12E+01	41.1663876	-2.42E-01	81652962	81653085	NC_000005.9

cg26834627	5.43E-21	6.91E-23	-1.12E+01	41.1662345	-2.27E-01	58686097	58686220	NC_000016.9
cg24371033	5.46E-21	6.96E-23	-1.12E+01	41.1603007	-1.95E-01	241807924	241808047	NC_000002.11
cg20424311	5.51E-21	7.02E-23	-1.12E+01	41.1514161	-2.04E-01	141221527	141221650	NC_000004.11
cg15378486	5.56E-21	7.09E-23	-1.12E+01	41.1419433	-1.86E-01	79491582	79491705	NC_000017.10
cg20772593	5.59E-21	7.13E-23	-1.12E+01	41.1352444	-2.66E-01	56778651	56778774	NC_000005.9
cg02147797	5.59E-21	7.14E-23	-1.12E+01	41.1349457	-2.14E-01	64211204	64211327	NC_000003.11
cg25034766	5.63E-21	7.18E-23	-1.12E+01	41.1286288	-2.59E-01	75747332	75747455	NC_000014.8
cg10950358	5.63E-21	7.19E-23	-1.12E+01	41.1276535	-1.68E-01	147253401	147253524	NC_000001.10
cg18854666	5.63E-21	7.19E-23	-1.12E+01	41.1270596	-1.94E-01	219247055	219247178	NC_000002.11
cg13181537	5.65E-21	7.22E-23	-1.12E+01	41.1227685	-1.20E-01	175444120	175444243	NC_000004.11
cg21845080	5.66E-21	7.23E-23	-1.12E+01	41.1219487	-2.25E-01	196065306	196065429	NC_000003.11
cg04342924	5.68E-21	7.26E-23	-1.12E+01	41.1181646	-8.02E-02	142185183	142185306	NC_000008.10
cg10623389	5.68E-21	7.26E-23	-1.12E+01	41.1174546	-8.42E-02	16679388	16679511	NC_000001.10
cg16977858	5.70E-21	7.29E-23	-1.12E+01	41.1134262	-1.01E-01	52567510	52567633	NC_000003.11
cg21175685	5.75E-21	7.36E-23	-1.12E+01	41.103781	-2.36E-01	99378032	99378155	NC_000003.11
cg02353048	5.76E-21	7.37E-23	-1.12E+01	41.103363	-2.89E-01	124718401	124718524	NC_000012.11
cg19965511	5.76E-21	7.37E-23	-1.12E+01	41.102639	-1.33E-01	40336475	40336598	NC_000017.10
cg09840623	5.77E-21	7.38E-23	-1.12E+01	41.1008999	-1.32E-01	42396402	42396525	NC_000002.11
cg12593746	5.77E-21	7.39E-23	-1.12E+01	41.0997145	-2.01E-01	98789535	98789658	NC_000001.10
cg04339692	5.84E-21	7.49E-23	-1.12E+01	41.0869649	-2.81E-01	48666418	48666541	NC_000015.9
cg20754348	5.85E-21	7.50E-23	-1.12E+01	41.0850027	-1.52E-01	96869220	96869343	NC_000015.9
cg15262317	5.89E-21	7.55E-23	-1.12E+01	41.0790179	-1.65E-01	208632832	208632955	NC_000002.11
cg12510708	5.91E-21	7.59E-23	-1.12E+01	41.0735388	-2.84E-01	26193805	26193928	NC_000007.13
cg26000536	5.94E-21	7.63E-23	-1.12E+01	41.0683626	-2.27E-01	3276535	3276658	NC_000001.10
cg11935153	5.97E-21	7.68E-23	-1.12E+01	41.0623063	-1.59E-01	30923306	30923429	NC_000006.11

cg00403955	6.01E-21	7.73E-23	-1.12E+01	41.0559976	-1.55E-01	11680241	11680364	NC_000016.9
cg22121647	6.11E-21	7.86E-23	-1.12E+01	41.0389035	-2.31E-01	134845376	134845499	NC_000007.13
cg18661868	6.11E-21	7.86E-23	-1.12E+01	41.0385999	-1.97E-01	91427965	91428088	NC_000015.9
cg26870567	6.13E-21	7.89E-23	-1.12E+01	41.034962	-1.98E-01	24862006	24862129	NC_000016.9
cg11972305	6.18E-21	7.97E-23	-1.12E+01	41.0253035	-1.96E-01	233791962	233792085	NC_000002.11
cg20998539	6.19E-21	7.98E-23	-1.12E+01	41.0236848	-2.27E-01	62208374	62208497	NC_000017.10
cg10764101	6.21E-21	8.00E-23	-1.12E+01	41.021238	-1.46E-01	241374174	241374297	NC_000002.11
cg03393966	6.22E-21	8.02E-23	-1.12E+01	41.0194657	-1.37E-01	18548015	18548138	NC_000019.9
cg08623215	6.25E-21	8.06E-23	-1.12E+01	41.0142767	-1.03E-01	19896644	19896767	NC_000016.9
cg00494337	6.35E-21	8.21E-23	-1.12E+01	40.9956826	-2.70E-01	30194024	30194147	NC_000020.10
cg15347108	6.40E-21	8.26E-23	-1.12E+01	40.9890264	-2.65E-01	25340920	25341043	NC_000012.11
cg12143499	6.40E-21	8.27E-23	-1.12E+01	40.9882163	-2.37E-01	27615389	27615512	NC_000012.11
cg16677144	6.43E-21	8.31E-23	-1.12E+01	40.9834346	-1.33E-01	1790217	1790340	NC_000001.10
cg02824980	6.45E-21	8.34E-23	-1.12E+01	40.9799304	-2.08E-01	15783725	15783848	NC_000019.9
cg24780263	6.45E-21	8.35E-23	-1.12E+01	40.979024	-6.56E-02	30064201	30064324	NC_000016.9
cg06751802	6.48E-21	8.39E-23	-1.12E+01	40.9744021	-8.45E-02	76777529	76777652	NC_000011.9
cg07340025	6.51E-21	8.42E-23	-1.12E+01	40.9704907	-2.37E-01	14926200	14926323	NC_000005.9
cg00082497	6.54E-21	8.47E-23	-1.12E+01	40.9647038	-1.78E-01	32802133	32802256	NC_000001.10
cg12232146	6.59E-21	8.54E-23	-1.12E+01	40.9564105	-2.72E-01	76347937	76348060	NC_000012.11
cg12492380	6.62E-21	8.58E-23	-1.12E+01	40.9516599	-2.72E-01	98872169	98872292	NC_000007.13
cg10316899	6.65E-21	8.62E-23	-1.12E+01	40.9471815	-2.84E-01	39658128	39658251	NC_000001.10
cg01433677	6.69E-21	8.68E-23	-1.12E+01	40.9404083	-1.48E-01	30365840	30365963	NC_000016.9
cg27547873	6.71E-21	8.71E-23	-1.12E+01	40.9374273	-6.28E-02	37424360	37424483	NC_000002.11
cg10438589	6.72E-21	8.72E-23	-1.12E+01	40.9360425	-2.05E-01	14531493	14531616	NC_000004.11
cg21605781	6.72E-21	8.72E-23	-1.12E+01	40.9358621	-1.74E-01	105630720	105630843	NC_000012.11

cg05696969	6.79E-21	8.81E-23	-1.12E+01	40.9253748	-2.84E-01	145326228	145326351	NC_000005.9
cg09225321	6.86E-21	8.92E-23	-1.12E+01	40.9128491	-8.76E-02	72920278	72920401	NC_000017.10
cg25338563	6.87E-21	8.93E-23	-1.12E+01	40.9116778	-2.41E-01	103669495	103669618	NC_000008.10
cg10791260	6.89E-21	8.97E-23	-1.12E+01	40.9080553	-1.27E-01	117568588	117568711	NC_000009.11
cg11858226	6.93E-21	9.01E-23	-1.12E+01	40.9029367	-2.35E-01	2548262	2548385	NC_000007.13
cg05845533	6.94E-21	9.03E-23	-1.12E+01	40.9010058	-1.86E-01	64672205	64672328	NC_000017.10
cg00462994	6.96E-21	9.06E-23	-1.12E+01	40.8978271	-9.21E-02	42081955	42082078	NC_000017.10
cg22609522	6.96E-21	9.07E-23	-1.12E+01	40.8970514	-1.56E-01	46403218	46403341	NC_000022.10
cg26147935	7.07E-21	9.21E-23	-1.12E+01	40.8818364	-1.96E-01	37688980	37689103	NC_000008.10
cg13563728	7.10E-21	9.26E-23	-1.12E+01	40.8760434	-1.31E-01	101019042	101019165	NC_000009.11
cg22367631	7.11E-21	9.27E-23	-1.12E+01	40.8750535	-2.51E-01	39569079	39569202	NC_000001.10
cg06828335	7.12E-21	9.28E-23	-1.12E+01	40.8737652	-2.69E-01	79238225	79238348	NC_000010.10
cg25946059	7.13E-21	9.31E-23	-1.12E+01	40.8710151	-3.27E-01	242973936	242974059	NC_000002.11
cg05347456	7.13E-21	9.31E-23	-1.12E+01	40.8708264	-2.05E-01	89690262	89690385	NC_000016.9
cg10017293	7.22E-21	9.44E-23	-1.12E+01	40.8572659	-2.72E-01	51640305	51640428	NC_000012.11
cg07624479	7.24E-21	9.47E-23	-1.12E+01	40.8535802	-8.28E-02	3075888	3076011	NC_000004.11
cg17168630	7.24E-21	9.47E-23	-1.12E+01	40.853398	-2.53E-01	44174930	44175053	NC_000019.9
cg03373714	7.32E-21	9.58E-23	-1.12E+01	40.8420613	-2.49E-01	147632094	147632217	NC_000002.11
cg20331980	7.40E-21	9.68E-23	-1.12E+01	40.8322627	-2.06E-01	149554503	149554626	NC_000006.11
cg23807071	7.43E-21	9.72E-23	-1.12E+01	40.8280155	-3.08E-01	1980222	1980345	NC_000007.13
ch.1.2927887F	7.46E-21	9.77E-23	-1.12E+01	40.8230795	-1.00E-01	151394110	151394233	NC_000001.10
cg20481171	7.56E-21	9.91E-23	-1.12E+01	40.8089177	-7.00E-02	161090648	161090771	NC_000003.11
cg16401270	7.59E-21	9.95E-23	-1.12E+01	40.8044647	-1.43E-01	32404469	32404592	NC_000001.10
cg02604730	7.63E-21	1.00E-22	-1.12E+01	40.7998621	-2.33E-01	87339708	87339831	NC_000016.9
cg05055782	7.63E-21	1.00E-22	-1.12E+01	40.799844	-1.46E-01	49396193	49396316	NC_000003.11

cg26995224	7.63E-21	1.00E-22	-1.12E+01	40.7994668	-2.22E-01	121974146	121974269	NC_000012.11
cg24822529	7.64E-21	1.00E-22	-1.12E+01	40.7978083	-2.58E-01	134582880	134583003	NC_000005.9
cg26490949	7.64E-21	1.00E-22	-1.12E+01	40.7978056	-8.93E-02	20532080	20532203	NC_000013.10
cg10853949	7.69E-21	1.01E-22	-1.12E+01	40.7913809	-1.76E-01	80290217	80290340	NC_000017.10
cg11845168	7.71E-21	1.01E-22	-1.12E+01	40.7882848	-2.65E-01	21457096	21457219	NC_000013.10
cg11736020	7.71E-21	1.01E-22	-1.12E+01	40.7878712	-2.17E-01	30651511	30651634	NC_000006.11
cg21151432	7.78E-21	1.02E-22	-1.12E+01	40.7787618	-3.37E-01	25142229	25142352	NC_000002.11
cg07742718	7.80E-21	1.02E-22	-1.12E+01	40.7759796	-7.79E-02	30064149	30064272	NC_000016.9
cg10785793	7.85E-21	1.03E-22	-1.12E+01	40.7694307	-2.41E-01	207392261	207392384	NC_000001.10
cg22708150	7.90E-21	1.04E-22	-1.12E+01	40.762684	-3.01E-01	31649619	31649742	NC_000006.11
cg27375378	7.91E-21	1.04E-22	-1.12E+01	40.7617313	-1.52E-01	77806402	77806525	NC_000017.10
cg18819791	7.93E-21	1.04E-22	-1.12E+01	40.7586054	-2.28E-01	59799583	59799706	NC_000014.8
cg20427318	7.96E-21	1.05E-22	-1.12E+01	40.7548389	-2.69E-01	134757763	134757886	NC_000006.11
cg26752701	7.96E-21	1.05E-22	-1.12E+01	40.7537697	-7.10E-02	50529485	50529608	NC_000019.9
cg18761976	7.99E-21	1.05E-22	-1.12E+01	40.7501412	-2.42E-01	91807630	91807753	NC_000015.9
cg13579607	8.03E-21	1.06E-22	-1.12E+01	40.7450276	-2.40E-01	203289788	203289911	NC_000001.10
cg09687025	8.08E-21	1.06E-22	-1.12E+01	40.737427	-9.93E-02	77459109	77459232	NC_000013.10
cg07866909	8.10E-21	1.07E-22	-1.12E+01	40.73528	-2.12E-01	19849829	19849952	NC_000002.11
cg02606081	8.14E-21	1.07E-22	-1.12E+01	40.7308311	-9.38E-02	536182	536305	NC_000011.9
cg10191240	8.15E-21	1.07E-22	-1.12E+01	40.7287016	-2.95E-01	134230101	134230224	NC_000008.10
cg18702012	8.15E-21	1.07E-22	-1.12E+01	40.7284626	-1.90E-01	126106555	126106678	NC_000010.10
cg04961225	8.16E-21	1.08E-22	-1.12E+01	40.7275707	-2.62E-01	91332479	91332602	NC_000012.11
cg23708763	8.22E-21	1.08E-22	-1.12E+01	40.7197711	-2.58E-01	23291897	23292020	NC_000014.8
cg09425247	8.22E-21	1.08E-22	-1.12E+01	40.7197526	-2.19E-01	52178225	52178348	NC_000010.10
cg10667102	8.22E-21	1.08E-22	-1.12E+01	40.719646	-2.34E-01	1265458	1265581	NC_000019.9

cg17758081	8.34E-21	1.10E-22	-1.12E+01	40.7035461	-7.64E-02	77021038	77021161	NC_000017.10
cg10163377	8.34E-21	1.10E-22	-1.12E+01	40.7031414	-1.53E-01	99478368	99478491	NC_000010.10
cg05623526	8.34E-21	1.10E-22	-1.12E+01	40.7030579	-2.41E-01	2548319	2548442	NC_000011.9
cg26601073	8.39E-21	1.11E-22	-1.12E+01	40.6974581	-2.06E-01	1614268	1614391	NC_000017.10
cg19255608	8.43E-21	1.11E-22	-1.12E+01	40.6923863	-2.22E-01	153581655	153581778	NC_000001.10
cg14327359	8.47E-21	1.12E-22	-1.12E+01	40.6874668	-2.49E-01	47419263	47419386	NC_000002.11
cg03063658	8.49E-21	1.12E-22	-1.12E+01	40.6847573	-2.43E-01	109949132	109949255	NC_000002.11
cg04881228	8.57E-21	1.13E-22	-1.12E+01	40.6753092	-1.58E-01	64557277	64557400	NC_000002.11
cg08913523	8.62E-21	1.14E-22	-1.12E+01	40.6692348	-3.12E-01	126649807	126649930	NC_000008.10
cg00184457	8.65E-21	1.15E-22	-1.12E+01	40.6649904	-2.93E-01	8946301	8946424	NC_000008.10
cg08438650	8.71E-21	1.15E-22	-1.12E+01	40.6575693	-9.63E-02	89558207	89558330	NC_000016.9
cg13451153	8.76E-21	1.16E-22	-1.12E+01	40.6515299	-9.89E-02	99736489	99736612	NC_000014.8
cg09148649	8.90E-21	1.18E-22	-1.11E+01	40.6350689	-8.20E-02	3253659	3253782	NC_000011.9
cg08055087	8.90E-21	1.18E-22	-1.11E+01	40.6341655	-2.61E-01	7107129	7107252	NC_000006.11
cg23739746	8.96E-21	1.19E-22	-1.11E+01	40.6280437	-2.54E-01	114905867	114905990	NC_000013.10
cg17714703	8.97E-21	1.19E-22	-1.11E+01	40.6255971	-1.62E-01	4912221	4912344	NC_000019.9
cg15474318	8.99E-21	1.19E-22	-1.11E+01	40.6240053	-1.85E-01	114830713	114830836	NC_000013.10
cg16002963	9.04E-21	1.20E-22	-1.11E+01	40.6175395	-7.52E-02	98703324	98703447	NC_000002.11
cg13492245	9.13E-21	1.21E-22	-1.11E+01	40.6073837	-1.49E-01	130566157	130566280	NC_000009.11
cg19571617	9.17E-21	1.22E-22	-1.11E+01	40.6034801	-1.53E-01	90209190	90209313	NC_000015.9
cg18139273	9.29E-21	1.24E-22	-1.11E+01	40.5893862	-1.64E-01	962582	962705	NC_000007.13
cg25899154	9.30E-21	1.24E-22	-1.11E+01	40.5873427	-2.17E-01	72897143	72897266	NC_000011.9
cg01870834	9.31E-21	1.24E-22	-1.11E+01	40.586381	-2.43E-01	145002835	145002958	NC_000008.10
cg10595785	9.34E-21	1.24E-22	-1.11E+01	40.5834251	-2.28E-01	64237585	64237708	NC_000006.11
cg24876187	9.36E-21	1.25E-22	-1.11E+01	40.5797662	-2.51E-01	31126871	31126994	NC_000006.11



cg13581922	9.38E-21	1.25E-22	-1.11E+01	40.577538	-2.36E-01	124938116	124938239	NC_000012.11
cg07227049	9.40E-21	1.25E-22	-1.11E+01	40.5753071	-2.53E-01	58335008	58335131	NC_000002.11
cg04720330	9.40E-21	1.25E-22	-1.11E+01	40.5749872	-1.39E-01	2949813	2949936	NC_000011.9
cg16497293	9.53E-21	1.27E-22	-1.11E+01	40.5608438	-2.60E-01	15596082	15596205	NC_000016.9
cg13797425	9.53E-21	1.27E-22	-1.11E+01	40.560474	-2.70E-01	102554977	102555100	NC_000014.8
cg22304399	9.56E-21	1.28E-22	-1.11E+01	40.5575282	-2.97E-01	13319324	13319447	NC_000019.9
cg15026265	9.71E-21	1.30E-22	-1.11E+01	40.5419972	-3.06E-01	28283812	28283935	NC_000012.11
cg20955688	9.71E-21	1.30E-22	-1.11E+01	40.5412511	-2.84E-01	133772889	133773012	NC_000008.10
cg01084693	9.71E-21	1.30E-22	-1.11E+01	40.5412501	-8.31E-02	56324074	56324197	NC_000020.10
cg19822229	9.86E-21	1.32E-22	-1.11E+01	40.525733	-2.09E-01	36616030	36616153	NC_000001.10
cg03476000	9.93E-21	1.33E-22	-1.11E+01	40.5179878	-1.14E-01	6480167	6480290	NC_000001.10
cg19573490	9.98E-21	1.34E-22	-1.11E+01	40.5122227	-2.49E-01	79870317	79870440	NC_000017.10
cg13650740	1.00E-20	1.34E-22	-1.11E+01	40.5089172	-1.96E-01	80516517	80516640	NC_000010.10
cg21306329	1.01E-20	1.35E-22	-1.11E+01	40.503414	-1.72E-01	73083876	73083999	NC_000017.10
cg24790676	1.01E-20	1.35E-22	-1.11E+01	40.502283	-2.29E-01	51523736	51523859	NC_000019.9
cg12358050	1.01E-20	1.36E-22	-1.11E+01	40.4953088	-1.77E-01	241309998	241310121	NC_000002.11
cg03014622	1.02E-20	1.37E-22	-1.11E+01	40.4867246	-1.32E-01	30901707	30901830	NC_000022.10
cg20167074	1.02E-20	1.37E-22	-1.11E+01	40.4859184	-1.75E-01	151967023	151967146	NC_000001.10
cg09428251	1.02E-20	1.37E-22	-1.11E+01	40.485092	-1.46E-01	68658408	68658531	NC_000008.10
cg27543334	1.02E-20	1.37E-22	-1.11E+01	40.4845903	-1.72E-01	31173966	31174089	NC_000001.10
cg12686441	1.03E-20	1.39E-22	-1.11E+01	40.4745407	-3.28E-01	436693	436816	NC_000008.10
cg15225991	1.04E-20	1.39E-22	-1.11E+01	40.4708164	-9.78E-02	134468436	134468559	NC_000010.10
cg10196558	1.04E-20	1.39E-22	-1.11E+01	40.4699543	-1.90E-01	155043921	155044044	NC_000001.10
cg04130557	1.04E-20	1.40E-22	-1.11E+01	40.4677375	-2.66E-01	186760378	186760501	NC_000004.11
cg01199721	1.04E-20	1.40E-22	-1.11E+01	40.4643158	-7.52E-02	120632764	120632887	NC_000012.11

cg26095405	1.04E-20	1.40E-22	-1.11E+01	40.4629719	-1.61E-01	74726486	74726609	NC_000015.9
cg22930859	1.04E-20	1.40E-22	-1.11E+01	40.462959	-1.86E-01	78108189	78108312	NC_000014.8
cg17819085	1.04E-20	1.40E-22	-1.11E+01	40.4628701	-1.67E-01	235122803	235122926	NC_000001.10
cg05316065	1.04E-20	1.41E-22	-1.11E+01	40.4617226	-2.00E-01	130799007	130799130	NC_000008.10
cg02934719	1.05E-20	1.41E-22	-1.11E+01	40.4576288	-2.54E-01	66545712	66545835	NC_000016.9
cg16960396	1.05E-20	1.42E-22	-1.11E+01	40.4541807	-2.27E-01	157588520	157588643	NC_000007.13
cg03963219	1.06E-20	1.42E-22	-1.11E+01	40.4493567	-2.88E-01	84709147	84709270	NC_000002.11
cg15552493	1.06E-20	1.43E-22	-1.11E+01	40.4469238	-2.02E-01	102387391	102387514	NC_000002.11
cg26575450	1.06E-20	1.43E-22	-1.11E+01	40.4450011	-3.13E-01	64834280	64834403	NC_000002.11
cg13827179	1.07E-20	1.45E-22	-1.11E+01	40.4315735	-1.69E-01	22668639	22668762	NC_000001.10
cg12737497	1.09E-20	1.47E-22	-1.11E+01	40.4194396	-2.06E-01	56530420	56530543	NC_000018.9
cg08060857	1.09E-20	1.47E-22	-1.11E+01	40.4186208	-1.66E-01	85202526	85202649	NC_000016.9
cg07804470	1.09E-20	1.48E-22	-1.11E+01	40.4109723	-2.41E-01	99201496	99201619	NC_000013.10
cg09360654	1.10E-20	1.48E-22	-1.11E+01	40.4102517	-1.90E-01	45806501	45806624	NC_000001.10
cg07517216	1.10E-20	1.48E-22	-1.11E+01	40.4092374	-1.18E-01	10541207	10541330	NC_000019.9
cg12882572	1.10E-20	1.49E-22	-1.11E+01	40.4063246	-2.59E-01	35851204	35851327	NC_000017.10
cg04762351	1.10E-20	1.49E-22	-1.11E+01	40.4014903	-2.54E-01	15110983	15111106	NC_000010.10
cg25247520	1.10E-20	1.49E-22	-1.11E+01	40.4008504	-3.18E-01	128808017	128808140	NC_000008.10
cg02623114	1.11E-20	1.50E-22	-1.11E+01	40.3994024	-1.55E-01	145015122	145015245	NC_000008.10
cg20886165	1.12E-20	1.52E-22	-1.11E+01	40.3834842	-1.15E-01	110482323	110482446	NC_000004.11
cg23056703	1.13E-20	1.53E-22	-1.11E+01	40.3772321	-1.64E-01	5470788	5470911	NC_000003.11
cg17367616	1.13E-20	1.53E-22	-1.11E+01	40.3760535	-1.99E-01	27485428	27485551	NC_000012.11
cg26848524	1.13E-20	1.54E-22	-1.11E+01	40.3735402	-1.27E-01	55294566	55294689	NC_000008.10
cg07821354	1.14E-20	1.54E-22	-1.11E+01	40.3680601	-1.01E-01	6768010	6768133	NC_000019.9
cg24165760	1.14E-20	1.55E-22	-1.11E+01	40.3620819	-1.14E-01	103243389	103243512	NC_000014.8

cg04360210	1.15E-20	1.56E-22	-1.11E+01	40.3576022	-1.15E-01	3064015	3064138	NC_000020.10
cg22579075	1.15E-20	1.57E-22	-1.11E+01	40.3552046	-2.34E-01	94250352	94250475	NC_000007.13
cg26584034	1.15E-20	1.57E-22	-1.11E+01	40.3551078	-2.03E-01	150017204	150017327	NC_000005.9
cg25816127	1.15E-20	1.57E-22	-1.11E+01	40.3540696	-2.65E-01	194600959	194601082	NC_000003.11
cg11769476	1.16E-20	1.58E-22	-1.11E+01	40.3475414	-2.60E-01	49410810	49410933	NC_000020.10
cg04084348	1.16E-20	1.58E-22	-1.11E+01	40.3457834	-1.90E-01	75677011	75677134	NC_000010.10
cg04589210	1.16E-20	1.58E-22	-1.11E+01	40.3441008	-2.21E-01	86038589	86038712	NC_000002.11
cg19042340	1.17E-20	1.59E-22	-1.11E+01	40.3371154	-1.18E-01	14647154	14647277	NC_000010.10
cg05787952	1.18E-20	1.61E-22	-1.11E+01	40.3292073	-1.09E-01	734667	734790	NC_000016.9
cg12026563	1.18E-20	1.61E-22	-1.11E+01	40.3264566	-2.49E-01	18415804	18415927	NC_000019.9
cg07957995	1.18E-20	1.61E-22	-1.11E+01	40.3258882	-1.84E-01	224644750	224644873	NC_000001.10
cg11316517	1.19E-20	1.62E-22	-1.11E+01	40.3227364	-2.66E-01	72666838	72666961	NC_000005.9
cg10262032	1.19E-20	1.62E-22	-1.11E+01	40.3221393	-1.99E-01	49078119	49078242	NC_000019.9
cg11818555	1.20E-20	1.63E-22	-1.11E+01	40.3119466	-2.87E-01	30700159	30700282	NC_000013.10
cg16430535	1.20E-20	1.64E-22	-1.11E+01	40.3108999	-1.27E-01	61342164	61342287	NC_000020.10
cg01579299	1.21E-20	1.65E-22	-1.11E+01	40.3038077	-2.13E-01	27450062	27450185	NC_000008.10
cg08054038	1.21E-20	1.65E-22	-1.11E+01	40.3029937	-9.70E-02	45348674	45348797	NC_000019.9
cg12510999	1.21E-20	1.65E-22	-1.11E+01	40.3022777	-2.85E-01	28022223	28022346	NC_000002.11
cg01947224	1.21E-20	1.65E-22	-1.11E+01	40.3011511	-4.81E-02	58089885	58090008	NC_000019.9
cg26980692	1.22E-20	1.66E-22	-1.11E+01	40.2948152	-1.92E-01	60719947	60720070	NC_000011.9
cg21196201	1.24E-20	1.69E-22	-1.11E+01	40.277902	-1.95E-01	49078045	49078168	NC_000019.9
cg09113560	1.24E-20	1.69E-22	-1.11E+01	40.276754	-6.57E-02	122812	122935	NC_000016.9
cg27227804	1.24E-20	1.70E-22	-1.11E+01	40.2726455	-2.16E-01	11085972	11086095	NC_000016.9
cg06578434	1.25E-20	1.71E-22	-1.11E+01	40.2687758	-2.10E-01	1155225	1155348	NC_000019.9
cg18221580	1.25E-20	1.71E-22	-1.11E+01	40.2676166	-1.37E-01	48575897	48576020	NC_000013.10

cg05449217	1.25E-20	1.72E-22	-1.11E+01	40.2633965	-1.57E-01	75034620	75034743	NC_000016.9
cg16429505	1.26E-20	1.72E-22	-1.11E+01	40.2595995	-1.55E-01	100488398	100488521	NC_000007.13
cg24754277	1.26E-20	1.72E-22	-1.11E+01	40.2587226	-1.68E-01	90114156	90114279	NC_000009.11
cg13580286	1.26E-20	1.73E-22	-1.11E+01	40.2565154	-1.72E-01	22925391	22925514	NC_000008.10
cg10264003	1.26E-20	1.73E-22	-1.11E+01	40.2563323	-2.31E-01	110198965	110199088	NC_000011.9
cg08686879	1.27E-20	1.75E-22	-1.11E+01	40.2463473	-2.08E-01	131409634	131409757	NC_000005.9
cg13382100	1.27E-20	1.75E-22	-1.11E+01	40.2461371	-8.39E-02	132414849	132414972	NC_000012.11
cg20569839	1.29E-20	1.77E-22	-1.11E+01	40.2342608	-1.54E-01	109618889	109619012	NC_000001.10
cg23721083	1.30E-20	1.78E-22	-1.11E+01	40.2287159	-2.11E-01	68682927	68683050	NC_000015.9
cg15335297	1.30E-20	1.78E-22	-1.11E+01	40.2257916	-9.51E-02	96488030	96488153	NC_000012.11
cg01318557	1.30E-20	1.78E-22	-1.11E+01	40.224787	-2.35E-01	73624319	73624442	NC_000007.13
cg05198733	1.30E-20	1.79E-22	-1.11E+01	40.2231477	-9.21E-02	58912052	58912175	NC_000011.9
cg22473846	1.31E-20	1.79E-22	-1.11E+01	40.2201466	-1.41E-01	38846743	38846866	NC_000005.9
cg25616514	1.31E-20	1.79E-22	-1.11E+01	40.2200542	-1.65E-01	11798996	11799119	NC_000003.11
cg03071808	1.32E-20	1.81E-22	-1.11E+01	40.2096134	-2.26E-01	242908131	242908254	NC_000002.11
cg11138227	1.32E-20	1.82E-22	-1.11E+01	40.2066634	-2.37E-01	105436973	105437096	NC_000014.8
cg26860066	1.32E-20	1.82E-22	-1.11E+01	40.2059611	-9.74E-02	46551005	46551128	NC_000011.9
cg06434732	1.33E-20	1.83E-22	-1.11E+01	40.2009428	-1.26E-01	12322653	12322776	NC_000016.9
cg03515829	1.35E-20	1.86E-22	-1.11E+01	40.1857927	-2.01E-01	134233829	134233952	NC_000007.13
cg14046043	1.35E-20	1.86E-22	-1.11E+01	40.1815054	-1.17E-01	233561679	233561802	NC_000002.11
cg02301079	1.36E-20	1.87E-22	-1.11E+01	40.1781844	-1.38E-01	11591651	11591774	NC_000016.9
cg27657537	1.36E-20	1.88E-22	-1.11E+01	40.1743178	-1.66E-01	20863762	20863885	NC_000022.10
cg11931116	1.38E-20	1.89E-22	-1.11E+01	40.165453	-8.19E-02	54074040	54074163	NC_000010.10
cg05214460	1.39E-20	1.91E-22	-1.11E+01	40.1579102	-1.55E-01	111766841	111766964	NC_000010.10
cg13877315	1.39E-20	1.92E-22	-1.11E+01	40.1547528	-2.68E-01	140172089	140172212	NC_000009.11

cg05361415	1.41E-20	1.94E-22	-1.11E+01	40.1405782	-2.21E-01	11610138	11610261	NC_000003.11
cg24127639	1.41E-20	1.95E-22	-1.11E+01	40.1371813	-1.62E-01	69064741	69064864	NC_000011.9
cg24199006	1.42E-20	1.97E-22	-1.11E+01	40.1288531	-2.89E-01	106089203	106089326	NC_000010.10
cg02812036	1.43E-20	1.97E-22	-1.11E+01	40.1251413	-1.00E-01	7198515	7198638	NC_000017.10
cg06082050	1.43E-20	1.98E-22	-1.11E+01	40.1243231	-6.47E-02	91630943	91631066	NC_000001.10
cg06738602	1.43E-20	1.98E-22	-1.11E+01	40.1240369	-1.11E-01	52780634	52780757	NC_000014.8
cg24947777	1.43E-20	1.98E-22	-1.11E+01	40.1222828	-1.68E-01	145700251	145700374	NC_000008.10
cg23289024	1.43E-20	1.98E-22	-1.11E+01	40.1219576	-2.74E-01	102554846	102554969	NC_000014.8
cg06971773	1.43E-20	1.98E-22	-1.11E+01	40.1219111	-1.63E-01	71169083	71169206	NC_000010.10
cg16172099	1.44E-20	1.99E-22	-1.11E+01	40.1173033	-1.84E-01	103750821	103750944	NC_000008.10
cg16182743	1.44E-20	2.00E-22	-1.11E+01	40.1133718	-1.74E-01	66085846	66085969	NC_000011.9
cg09477895	1.45E-20	2.01E-22	-1.11E+01	40.1064912	-2.18E-01	18140683	18140806	NC_000003.11
cg01523881	1.47E-20	2.04E-22	-1.11E+01	40.0913126	-1.63E-01	200985689	200985812	NC_000001.10
cg14780070	1.47E-20	2.04E-22	-1.11E+01	40.0907448	-2.53E-01	17951330	17951453	NC_000001.10
cg22469948	1.48E-20	2.06E-22	-1.11E+01	40.0847652	-2.01E-01	50290079	50290202	NC_000019.9
cg09988805	1.49E-20	2.07E-22	-1.11E+01	40.0773996	-2.76E-01	43278552	43278675	NC_000002.11
cg10180415	1.49E-20	2.07E-22	-1.11E+01	40.0770714	-2.98E-01	117057968	117058091	NC_000001.10
cg26954156	1.50E-20	2.07E-22	-1.11E+01	40.0761849	-1.35E-01	22138642	22138765	NC_000001.10
cg05790630	1.50E-20	2.09E-22	-1.11E+01	40.0697417	-2.50E-01	64963168	64963291	NC_000003.11
cg23595451	1.51E-20	2.09E-22	-1.11E+01	40.066297	-2.04E-01	1035462	1035585	NC_000004.11
cg27297263	1.51E-20	2.10E-22	-1.11E+01	40.0643184	-1.38E-01	86160468	86160591	NC_000006.11
cg07010146	1.52E-20	2.11E-22	-1.11E+01	40.0586655	-2.26E-01	105239205	105239328	NC_000010.10
cg08500112	1.54E-20	2.14E-22	-1.11E+01	40.0467318	-2.44E-01	59086432	59086555	NC_000005.9
cg10364630	1.54E-20	2.14E-22	-1.11E+01	40.0427548	-2.12E-01	36132567	36132690	NC_000019.9
cg21603806	1.55E-20	2.16E-22	-1.11E+01	40.0368428	-1.01E-01	73704007	73704130	NC_000014.8

cg05299342	1.55E-20	2.16E-22	-1.11E+01	40.0361201	-1.09E-01	225307672	225307795	NC_000002.11
cg13997068	1.55E-20	2.16E-22	-1.11E+01	40.0360677	-1.63E-01	1275785	1275908	NC_000016.9
cg16675525	1.55E-20	2.16E-22	-1.11E+01	40.0352114	-1.61E-01	112158529	112158652	NC_000010.10
cg09641486	1.56E-20	2.16E-22	-1.11E+01	40.0336125	-6.17E-02	150755542	150755665	NC_000007.13
cg06783423	1.56E-20	2.17E-22	-1.11E+01	40.0305841	-1.66E-01	42538831	42538954	NC_000003.11
cg13550401	1.56E-20	2.17E-22	-1.11E+01	40.0301155	-2.42E-01	2288716	2288839	NC_000007.13
cg04465154	1.57E-20	2.18E-22	-1.11E+01	40.0254916	-2.04E-01	9045558	9045681	NC_000008.10
cg20749576	1.58E-20	2.20E-22	-1.11E+01	40.0159794	-1.68E-01	128292718	128292841	NC_000003.11
cg14457284	1.59E-20	2.21E-22	-1.11E+01	40.0138957	-1.73E-01	135852984	135853107	NC_000009.11
cg11592230	1.59E-20	2.21E-22	-1.11E+01	40.0129405	-2.18E-01	26981306	26981429	NC_000002.11
cg26666978	1.59E-20	2.21E-22	-1.11E+01	40.010745	-1.31E-01	47038531	47038654	NC_000021.8
cg00135870	1.59E-20	2.22E-22	-1.11E+01	40.007798	-1.40E-01	22203854	22203977	NC_000016.9
cg06434490	1.60E-20	2.22E-22	-1.11E+01	40.0071049	-2.22E-01	31494261	31494384	NC_000006.11
cg20216309	1.61E-20	2.25E-22	-1.11E+01	39.996638	-3.10E-01	16024540	16024663	NC_000003.11
cg02560388	1.62E-20	2.25E-22	-1.11E+01	39.9948402	-1.40E-01	11969958	11970081	NC_000002.11
cg23395749	1.62E-20	2.25E-22	-1.11E+01	39.992962	-2.45E-01	176984246	176984369	NC_000005.9
cg05501682	1.63E-20	2.27E-22	-1.11E+01	39.9858883	-7.11E-02	2988723	2988846	NC_000006.11
cg16700779	1.63E-20	2.27E-22	-1.11E+01	39.9846382	-6.81E-02	100168182	100168305	NC_000007.13
cg12913097	1.63E-20	2.28E-22	-1.11E+01	39.982482	-1.52E-01	72511623	72511746	NC_000005.9
cg17164345	1.64E-20	2.29E-22	-1.11E+01	39.9761587	-2.46E-01	77271314	77271437	NC_000011.9
cg03139377	1.65E-20	2.30E-22	-1.11E+01	39.9752729	-2.35E-01	323242	323365	NC_000012.11
cg03033176	1.65E-20	2.31E-22	-1.11E+01	39.9704899	-1.76E-01	65343929	65344052	NC_000011.9
cg04364718	1.66E-20	2.31E-22	-1.11E+01	39.9678143	-6.39E-02	82598634	82598757	NC_000008.10
cg00410199	1.66E-20	2.31E-22	-1.10E+01	39.9676041	-7.69E-02	49298567	49298690	NC_000019.9
cg16755251	1.66E-20	2.31E-22	-1.10E+01	39.9673082	-2.04E-01	169740686	169740809	NC_000006.11

cg12521167	1.68E-20	2.35E-22	-1.10E+01	39.9513148	-2.12E-01	29819099	29819222	NC_000016.9
cg26703507	1.68E-20	2.35E-22	-1.10E+01	39.9508525	-2.35E-01	113404661	113404784	NC_000002.11
cg16554145	1.69E-20	2.35E-22	-1.10E+01	39.9498302	-1.34E-01	241790950	241791073	NC_000001.10
cg00094595	1.71E-20	2.39E-22	-1.10E+01	39.9367461	-1.48E-01	91775374	91775497	NC_000012.11
cg23172671	1.71E-20	2.39E-22	-1.10E+01	39.9349233	-2.78E-01	203482523	203482646	NC_000001.10
cg21402071	1.72E-20	2.40E-22	-1.10E+01	39.9308023	-1.19E-01	78933902	78934025	NC_000015.9
cg07639783	1.72E-20	2.41E-22	-1.10E+01	39.9282372	-2.20E-01	1610747	1610870	NC_000007.13
cg21346966	1.72E-20	2.41E-22	-1.10E+01	39.925872	-1.62E-01	238341793	238341916	NC_000002.11
cg17563773	1.73E-20	2.43E-22	-1.10E+01	39.9205805	-1.80E-01	120177486	120177609	NC_000011.9
cg00067414	1.74E-20	2.43E-22	-1.10E+01	39.9174695	-2.13E-01	151188081	151188204	NC_000006.11
cg15782228	1.74E-20	2.44E-22	-1.10E+01	39.9149026	-2.46E-01	60932415	60932538	NC_000020.10
cg06350524	1.75E-20	2.45E-22	-1.10E+01	39.9113987	-9.80E-02	169747178	169747301	NC_000002.11
cg12899248	1.75E-20	2.45E-22	-1.10E+01	39.9099947	-1.97E-01	15845357	15845480	NC_000017.10
cg19767896	1.77E-20	2.48E-22	-1.10E+01	39.8963912	-8.66E-02	14529108	14529231	NC_000019.9
cg19197419	1.77E-20	2.48E-22	-1.10E+01	39.8963563	-1.00E-01	44441612	44441735	NC_000020.10
cg11457534	1.78E-20	2.50E-22	-1.10E+01	39.8896677	-1.61E-01	133816062	133816185	NC_000011.9
cg27005749	1.79E-20	2.51E-22	-1.10E+01	39.886963	-2.75E-01	141608646	141608769	NC_000008.10
cg02124887	1.79E-20	2.51E-22	-1.10E+01	39.8859938	-1.28E-01	1174666	1174789	NC_000005.9
cg15250073	1.79E-20	2.51E-22	-1.10E+01	39.8857341	-2.12E-01	16769480	16769603	NC_000006.11
cg04404772	1.80E-20	2.53E-22	-1.10E+01	39.8797774	-1.82E-01	46876609	46876732	NC_000019.9
cg06173216	1.81E-20	2.54E-22	-1.10E+01	39.8743759	-2.40E-01	120219151	120219274	NC_000008.10
cg14416623	1.81E-20	2.54E-22	-1.10E+01	39.8740639	-2.74E-01	133561787	133561910	NC_000002.11
cg13446584	1.82E-20	2.55E-22	-1.10E+01	39.8696986	-3.15E-01	74024953	74025076	NC_000007.13
cg05605029	1.82E-20	2.56E-22	-1.10E+01	39.8683963	-1.39E-01	16189554	16189677	NC_000017.10
cg27269561	1.83E-20	2.57E-22	-1.10E+01	39.8641954	-7.55E-02	3072713	3072836	NC_000016.9

cg00101629	1.83E-20	2.57E-22	-1.10E+01	39.8622325	-2.29E-01	15068966	15069089	NC_000001.10
cg24146125	1.83E-20	2.58E-22	-1.10E+01	39.8586659	-1.97E-01	30690376	30690499	NC_000006.11
cg09265274	1.85E-20	2.60E-22	-1.10E+01	39.8520205	-1.62E-01	48585635	48585758	NC_000017.10
cg11312509	1.85E-20	2.60E-22	-1.10E+01	39.8506533	-5.74E-02	10121251	10121374	NC_000019.9
cg03026373	1.85E-20	2.61E-22	-1.10E+01	39.849457	-1.12E-01	36715787	36715910	NC_000017.10
cg24528923	1.85E-20	2.61E-22	-1.10E+01	39.8479175	-7.11E-02	90119427	90119550	NC_000015.9
cg15754112	1.85E-20	2.61E-22	-1.10E+01	39.8473176	-2.38E-01	78864253	78864376	NC_000010.10
cg21370522	1.86E-20	2.62E-22	-1.10E+01	39.8442139	-2.70E-01	31543219	31543342	NC_000006.11
cg21057046	1.86E-20	2.63E-22	-1.10E+01	39.8409172	-1.39E-01	19970204	19970327	NC_000001.10
cg12420383	1.87E-20	2.64E-22	-1.10E+01	39.8366057	-1.37E-01	18996815	18996938	NC_000017.10
cg20508274	1.88E-20	2.65E-22	-1.10E+01	39.8341265	-1.24E-01	33073114	33073237	NC_000019.9
cg16213217	1.88E-20	2.65E-22	-1.10E+01	39.8315197	-2.65E-01	50074189	50074312	NC_000013.10
cg22888181	1.90E-20	2.68E-22	-1.10E+01	39.8197214	-3.22E-01	106089003	106089126	NC_000010.10
cg00474080	1.90E-20	2.69E-22	-1.10E+01	39.819255	-2.03E-01	30923243	30923366	NC_000006.11
cg16271720	1.91E-20	2.69E-22	-1.10E+01	39.8178186	-7.30E-02	11760136	11760259	NC_000008.10
cg26130669	1.93E-20	2.73E-22	-1.10E+01	39.8029214	-2.47E-01	11771473	11771596	NC_000006.11
cg04603976	1.93E-20	2.73E-22	-1.10E+01	39.8026391	-1.39E-01	4052706	4052829	NC_000019.9
cg14175304	1.94E-20	2.73E-22	-1.10E+01	39.8012196	-1.85E-01	78237397	78237520	NC_000017.10
cg22018051	1.94E-20	2.74E-22	-1.10E+01	39.8001991	-2.36E-01	154943349	154943472	NC_000001.10
cg00085448	1.94E-20	2.74E-22	-1.10E+01	39.7989678	-1.84E-01	113416442	113416565	NC_000012.11
cg14150907	1.94E-20	2.75E-22	-1.10E+01	39.7968849	-2.43E-01	142275722	142275845	NC_000008.10
cg18335931	1.95E-20	2.75E-22	-1.10E+01	39.7958617	-1.89E-01	18229242	18229365	NC_000019.9
cg21620535	1.95E-20	2.75E-22	-1.10E+01	39.795329	-9.03E-02	17297732	17297855	NC_000011.9
cg26478401	1.97E-20	2.79E-22	-1.10E+01	39.7825382	-2.87E-01	90749920	90750043	NC_000010.10
cg04962621	1.98E-20	2.80E-22	-1.10E+01	39.7779544	-2.23E-01	4714733	4714856	NC_000016.9



cg14123232	1.99E-20	2.81E-22	-1.10E+01	39.7728279	-1.57E-01	121494701	121494824	NC_000002.11
cg22046201	2.04E-20	2.89E-22	-1.10E+01	39.7474822	-2.68E-01	64212080	64212203	NC_000001.10
cg10574006	2.10E-20	2.98E-22	-1.10E+01	39.7160717	-2.87E-01	123965051	123965174	NC_000005.9
cg08452061	2.10E-20	2.98E-22	-1.10E+01	39.7159527	-1.99E-01	172199642	172199765	NC_000005.9
cg08679800	2.10E-20	2.98E-22	-1.10E+01	39.7143807	-2.06E-01	101912325	101912448	NC_000008.10
cg26596307	2.11E-20	3.00E-22	-1.10E+01	39.7105538	-1.72E-01	57411505	57411628	NC_000016.9
cg01442005	2.11E-20	3.00E-22	-1.10E+01	39.7085998	-2.28E-01	47179278	47179401	NC_000017.10
cg04607844	2.12E-20	3.02E-22	-1.10E+01	39.7039042	-1.48E-01	213090203	213090326	NC_000001.10
cg07202214	2.13E-20	3.03E-22	-1.10E+01	39.7006089	-1.73E-01	76381081	76381204	NC_000011.9
cg03076037	2.13E-20	3.03E-22	-1.10E+01	39.699736	-1.84E-01	79071361	79071484	NC_000017.10
cg23598115	2.13E-20	3.03E-22	-1.10E+01	39.6992224	-1.68E-01	213681300	213681423	NC_000001.10
cg03063710	2.13E-20	3.03E-22	-1.10E+01	39.6986672	-2.30E-02	95705054	95705177	NC_000007.13
cg21683708	2.14E-20	3.04E-22	-1.10E+01	39.6967172	-1.09E-01	36628755	36628878	NC_000006.11
cg14511923	2.14E-20	3.05E-22	-1.10E+01	39.6935161	-2.57E-01	7842369	7842492	NC_000001.10
cg09920804	2.15E-20	3.06E-22	-1.10E+01	39.6892155	-2.25E-01	42053994	42054117	NC_000008.10
cg00685614	2.16E-20	3.07E-22	-1.10E+01	39.6869417	-2.56E-01	89118838	89118961	NC_000016.9
cg06752054	2.17E-20	3.09E-22	-1.10E+01	39.6810954	-2.82E-01	42733747	42733870	NC_000021.8
cg18594482	2.18E-20	3.10E-22	-1.10E+01	39.6753323	-1.86E-01	27480543	27480666	NC_000001.10
cg03787603	2.18E-20	3.11E-22	-1.10E+01	39.6733934	-3.29E-01	101768610	101768733	NC_000007.13
cg12581682	2.19E-20	3.12E-22	-1.10E+01	39.6710872	-2.72E-01	58733736	58733859	NC_000015.9
cg00377320	2.23E-20	3.18E-22	-1.10E+01	39.650083	-1.04E-01	47988100	47988223	NC_000017.10
cg26192309	2.24E-20	3.19E-22	-1.10E+01	39.648937	-2.38E-01	211765568	211765691	NC_000001.10
cg19311889	2.28E-20	3.25E-22	-1.10E+01	39.62933	-1.03E-01	57483793	57483916	NC_000012.11
cg08808367	2.29E-20	3.27E-22	-1.10E+01	39.624613	-7.99E-02	178063320	178063443	NC_000001.10
cg14270581	2.29E-20	3.27E-22	-1.10E+01	39.6239856	-2.06E-01	103394548	103394671	NC_000014.8

ch.12.2515819F	2.31E-20	3.30E-22	-1.10E+01	39.6154524	-1.65E-01	121434819	121434942	NC_000012.11
cg17536822	2.32E-20	3.31E-22	-1.10E+01	39.6104186	-2.41E-01	72226488	72226611	NC_000003.11
cg12586347	2.32E-20	3.32E-22	-1.10E+01	39.6099326	-1.58E-01	82025796	82025919	NC_000010.10
cg07635227	2.33E-20	3.34E-22	-1.10E+01	39.6038152	-2.69E-01	4714815	4714938	NC_000016.9
cg11470399	2.33E-20	3.34E-22	-1.10E+01	39.6033395	-8.18E-02	23690492	23690615	NC_000016.9
cg05649391	2.34E-20	3.35E-22	-1.10E+01	39.6003001	-2.71E-01	47359115	47359238	NC_000011.9
cg05829479	2.34E-20	3.35E-22	-1.10E+01	39.599755	-7.24E-02	49518079	49518202	NC_000006.11
cg24544082	2.36E-20	3.38E-22	-1.10E+01	39.5919427	-2.60E-01	54751507	54751630	NC_000002.11
cg10173586	2.37E-20	3.40E-22	-1.10E+01	39.5858304	-1.77E-01	145020593	145020716	NC_000008.10
cg15403283	2.38E-20	3.40E-22	-1.10E+01	39.5839425	-2.74E-01	65233334	65233457	NC_000014.8
cg26292918	2.38E-20	3.41E-22	-1.10E+01	39.583571	-1.96E-01	151826205	151826328	NC_000001.10
cg11776124	2.38E-20	3.42E-22	-1.10E+01	39.5799775	-9.41E-02	101395209	101395332	NC_000003.11
cg11072119	2.39E-20	3.42E-22	-1.10E+01	39.5782791	-1.78E-01	21934312	21934435	NC_000001.10
cg10275917	2.39E-20	3.42E-22	-1.10E+01	39.5780592	-2.46E-01	7478820	7478943	NC_000007.13
cg15248935	2.39E-20	3.43E-22	-1.10E+01	39.5770501	-2.16E-01	157180055	157180178	NC_000007.13
cg02010711	2.40E-20	3.44E-22	-1.10E+01	39.574302	-1.99E-01	31126864	31126987	NC_000006.11
cg11438560	2.40E-20	3.45E-22	-1.10E+01	39.5718476	-1.76E-01	148521623	148521746	NC_000005.9
cg03453870	2.41E-20	3.46E-22	-1.10E+01	39.5674824	-2.38E-01	39563291	39563414	NC_000015.9
cg08477158	2.42E-20	3.47E-22	-1.10E+01	39.5638844	-2.74E-01	58807667	58807790	NC_000017.10
cg00211115	2.42E-20	3.48E-22	-1.10E+01	39.5630833	-1.89E-01	69257736	69257859	NC_000011.9
cg26534425	2.43E-20	3.50E-22	-1.10E+01	39.5575786	-1.92E-01	112034925	112035048	NC_000011.9
cg09631880	2.44E-20	3.50E-22	-1.10E+01	39.5563928	-2.18E-01	94213192	94213315	NC_000012.11
cg08894532	2.44E-20	3.50E-22	-1.10E+01	39.5560635	-2.49E-01	8582606	8582729	NC_000019.9
cg06581978	2.44E-20	3.51E-22	-1.10E+01	39.5531446	-1.73E-01	34408891	34409014	NC_000021.8
cg09874659	2.47E-20	3.55E-22	-1.10E+01	39.5433052	-2.86E-01	74512598	74512721	NC_000013.10

cg05406954	2.48E-20	3.56E-22	-1.10E+01	39.5387297	-6.97E-02	52280124	52280247	NC_000003.11
cg04071967	2.48E-20	3.57E-22	-1.10E+01	39.5373064	-1.91E-01	53511321	53511444	NC_000017.10
cg18304280	2.50E-20	3.60E-22	-1.10E+01	39.5293304	-1.73E-01	103010694	103010817	NC_000014.8
cg19235974	2.54E-20	3.66E-22	-1.10E+01	39.5120883	-2.45E-01	1063197	1063320	NC_000012.11
cg09601800	2.54E-20	3.66E-22	-1.10E+01	39.5112561	-9.68E-02	79486170	79486293	NC_000017.10
cg24287110	2.58E-20	3.73E-22	-1.10E+01	39.4944669	-2.41E-01	3824687	3824810	NC_000010.10
cg15151685	2.59E-20	3.73E-22	-1.10E+01	39.4933454	-2.03E-02	69453354	69453477	NC_000011.9
cg11130630	2.59E-20	3.73E-22	-1.10E+01	39.4928119	-3.17E-01	109899089	109899212	NC_000012.11
cg11637968	2.59E-20	3.74E-22	-1.10E+01	39.4916397	-2.58E-01	159732036	159732159	NC_000004.11
cg26826183	2.61E-20	3.77E-22	-1.10E+01	39.4822421	-2.30E-01	10231701	10231824	NC_000019.9
cg05315321	2.63E-20	3.80E-22	-1.10E+01	39.4756292	-2.49E-01	68844276	68844399	NC_000014.8
cg08160253	2.64E-20	3.81E-22	-1.10E+01	39.4722122	-1.20E-01	10153013	10153136	NC_000020.10
cg01811187	2.67E-20	3.86E-22	-1.10E+01	39.4582502	-1.54E-01	48637445	48637568	NC_000017.10
cg03934069	2.68E-20	3.87E-22	-1.10E+01	39.4559805	-1.38E-01	109420722	109420845	NC_000001.10
cg23270841	2.68E-20	3.88E-22	-1.10E+01	39.4541156	-2.26E-01	205529703	205529826	NC_000002.11
cg18460175	2.69E-20	3.89E-22	-1.10E+01	39.4508938	-2.24E-01	36132561	36132684	NC_000019.9
cg10211456	2.70E-20	3.90E-22	-1.10E+01	39.4485825	-1.84E-01	963471	963594	NC_000007.13
cg08159594	2.72E-20	3.93E-22	-1.10E+01	39.4414327	-1.74E-01	102790168	102790291	NC_000007.13
cg12692386	2.73E-20	3.95E-22	-1.10E+01	39.4361093	-1.86E-01	79386350	79386473	NC_000017.10
cg08217285	2.73E-20	3.96E-22	-1.10E+01	39.4349931	-2.13E-01	27917879	27918002	NC_000017.10
cg16861964	2.76E-20	4.00E-22	-1.10E+01	39.4235307	-2.33E-01	104998531	104998654	NC_000012.11
cg24441324	2.77E-20	4.01E-22	-1.10E+01	39.4217134	-2.15E-01	150523231	150523354	NC_000001.10
cg14996583	2.77E-20	4.02E-22	-1.10E+01	39.4195996	-1.65E-01	24478590	24478713	NC_000013.10
cg24519146	2.78E-20	4.02E-22	-1.10E+01	39.418145	-1.21E-01	33160318	33160441	NC_000006.11
cg27145347	2.78E-20	4.03E-22	-1.10E+01	39.4168129	-2.50E-01	67795659	67795782	NC_000011.9

cg16978268	2.78E-20	4.03E-22	-1.10E+01	39.4156683	-2.15E-01	60646671	60646794	NC_000018.9
cg07277633	2.78E-20	4.03E-22	-1.10E+01	39.4154691	-1.68E-01	84402496	84402619	NC_000016.9
cg01031400	2.80E-20	4.05E-22	-1.10E+01	39.4109337	-1.02E-01	23021513	23021636	NC_000008.10
cg16451803	2.81E-20	4.07E-22	-1.10E+01	39.4062484	-1.91E-01	67088990	67089113	NC_000005.9
cg27292264	2.83E-20	4.10E-22	-1.10E+01	39.3993762	-1.87E-01	128079636	128079759	NC_000003.11
cg10855395	2.83E-20	4.10E-22	-1.10E+01	39.399076	-1.53E-01	125413124	125413247	NC_000012.11
cg03742950	2.84E-20	4.12E-22	-1.10E+01	39.3945407	-7.15E-02	20154030	20154153	NC_000011.9
cg09043518	2.85E-20	4.13E-22	-1.10E+01	39.3922238	-2.44E-01	80290106	80290229	NC_000017.10
cg03000596	2.86E-20	4.15E-22	-1.10E+01	39.3867625	-2.09E-01	73624373	73624496	NC_000007.13
cg09956592	2.86E-20	4.16E-22	-1.10E+01	39.3858035	-1.71E-01	129793333	129793456	NC_000007.13
cg11654620	2.87E-20	4.17E-22	-1.10E+01	39.3816207	-4.78E-02	50969039	50969162	NC_000022.10
cg19241744	2.88E-20	4.18E-22	-1.10E+01	39.3793852	-1.31E-01	73078790	73078913	NC_000010.10
cg27489772	2.88E-20	4.19E-22	-1.10E+01	39.377933	-1.05E-01	121021490	121021613	NC_000012.11
cg15387123	2.90E-20	4.21E-22	-1.10E+01	39.3734712	-2.06E-01	139891058	139891181	NC_000009.11
cg02747950	2.91E-20	4.22E-22	-1.10E+01	39.3701541	-2.73E-01	63526883	63527006	NC_000015.9
cg19257402	2.94E-20	4.27E-22	-1.10E+01	39.3588789	-1.61E-01	132356988	132357111	NC_000012.11
cg14528142	2.94E-20	4.28E-22	-1.10E+01	39.3571259	-7.64E-02	113585408	113585531	NC_000001.10
cg19544746	2.96E-20	4.30E-22	-1.10E+01	39.351179	-1.24E-01	8405046	8405169	NC_000004.11
ch.5.725956F	2.97E-20	4.33E-22	-1.10E+01	39.3462558	-6.89E-02	33457179	33457302	NC_000005.9
cg21056706	2.97E-20	4.33E-22	-1.10E+01	39.3457512	-1.44E-01	139929714	139929837	NC_000007.13
cg03290977	3.02E-20	4.40E-22	-1.10E+01	39.3302282	-3.08E-01	15402686	15402809	NC_000004.11
cg27409991	3.03E-20	4.41E-22	-1.10E+01	39.3276133	-2.07E-01	142677860	142677983	NC_000003.11
cg21912556	3.03E-20	4.41E-22	-1.10E+01	39.3275569	-3.35E-01	18605482	18605605	NC_000008.10
cg07101841	3.06E-20	4.46E-22	-1.10E+01	39.316003	-2.40E-01	75315527	75315650	NC_000017.10
cg03088525	3.07E-20	4.47E-22	-1.10E+01	39.3139355	-9.61E-02	19421907	19422030	NC_000016.9

cg08679238	3.11E-20	4.53E-22	-1.10E+01	39.2999919	-2.06E-01	46449100	46449223	NC_000003.11
cg18049167	3.11E-20	4.54E-22	-1.10E+01	39.2989137	-1.06E-01	32121261	32121384	NC_000006.11
cg24983523	3.17E-20	4.63E-22	-1.09E+01	39.2783981	-7.81E-02	28495638	28495761	NC_000013.10
cg10118545	3.17E-20	4.63E-22	-1.09E+01	39.2780403	-1.22E-01	4784090	4784213	NC_000007.13
cg16430505	3.18E-20	4.64E-22	-1.09E+01	39.275658	-1.12E-01	23551855	23551978	NC_000001.10
cg19429300	3.19E-20	4.66E-22	-1.09E+01	39.2725924	-2.81E-01	41114929	41115052	NC_000013.10
cg14697657	3.19E-20	4.67E-22	-1.09E+01	39.2702154	-1.41E-01	42858327	42858450	NC_000005.9
cg07368817	3.20E-20	4.68E-22	-1.09E+01	39.2688314	-1.90E-01	16318860	16318983	NC_000017.10
cg02070740	3.21E-20	4.69E-22	-1.09E+01	39.2654105	-2.44E-01	146763914	146764037	NC_000001.10
cg04761746	3.22E-20	4.71E-22	-1.09E+01	39.2619504	-1.96E-01	141177756	141177879	NC_000004.11
cg26723524	3.23E-20	4.72E-22	-1.09E+01	39.2588377	-2.32E-01	39775803	39775926	NC_000007.13
cg09266008	3.23E-20	4.73E-22	-1.09E+01	39.2585177	-1.27E-01	36635674	36635797	NC_000022.10
cg25594736	3.24E-20	4.74E-22	-1.09E+01	39.2544086	-3.00E-01	67391147	67391270	NC_000015.9
cg25382900	3.26E-20	4.77E-22	-1.09E+01	39.2481698	-2.27E-01	12148326	12148449	NC_000001.10
cg20974196	3.27E-20	4.79E-22	-1.09E+01	39.2451944	-1.69E-01	859983	860106	NC_000019.9
cg27118035	3.33E-20	4.88E-22	-1.09E+01	39.2266336	-1.33E-01	31891978	31892101	NC_000016.9
cg03364683	3.34E-20	4.90E-22	-1.09E+01	39.2219262	-1.46E-01	169402298	169402421	NC_000004.11
cg04685253	3.39E-20	4.97E-22	-1.09E+01	39.207742	-1.89E-01	50117948	50118071	NC_000019.9
cg26426690	3.39E-20	4.97E-22	-1.09E+01	39.2076058	-2.76E-01	93861824	93861947	NC_000010.10
cg02659568	3.40E-20	4.99E-22	-1.09E+01	39.2046456	-2.67E-01	116221763	116221886	NC_000001.10
cg07533239	3.40E-20	5.00E-22	-1.09E+01	39.2033164	-2.00E-01	6422131	6422254	NC_000012.11
cg16351569	3.46E-20	5.09E-22	-1.09E+01	39.1854707	-2.78E-01	43448493	43448616	NC_000017.10
cg25072336	3.47E-20	5.11E-22	-1.09E+01	39.1811917	-2.59E-01	43306802	43306925	NC_000017.10
cg09666573	3.48E-20	5.12E-22	-1.09E+01	39.1784567	-1.29E-01	11267627	11267750	NC_000003.11
cg11611580	3.51E-20	5.17E-22	-1.09E+01	39.1696345	-2.52E-01	114661277	114661400	NC_000006.11

cg08095522	3.51E-20	5.17E-22	-1.09E+01	39.1687373	-9.86E-02	83960312	83960435	NC_000016.9
cg04951797	3.52E-20	5.19E-22	-1.09E+01	39.1650004	-2.37E-01	20226964	20227087	NC_000003.11
cg06616245	3.53E-20	5.20E-22	-1.09E+01	39.1627188	-1.81E-01	57854236	57854359	NC_000012.11
cg02747748	3.53E-20	5.21E-22	-1.09E+01	39.1615869	-7.82E-02	43510205	43510328	NC_000017.10
cg26110900	3.54E-20	5.22E-22	-1.09E+01	39.1594964	-2.68E-01	62073066	62073189	NC_000010.10
cg06362313	3.54E-20	5.22E-22	-1.09E+01	39.1594124	-2.07E-01	6645287	6645410	NC_000012.11
cg02745494	3.54E-20	5.22E-22	-1.09E+01	39.1590254	-2.05E-01	114771098	114771221	NC_000013.10
cg05395679	3.56E-20	5.25E-22	-1.09E+01	39.1535383	-1.44E-01	61446832	61446955	NC_000011.9
cg05363955	3.59E-20	5.30E-22	-1.09E+01	39.1444234	-2.58E-01	225875689	225875812	NC_000002.11
cg26839512	3.62E-20	5.35E-22	-1.09E+01	39.1351033	-2.15E-01	52918489	52918612	NC_000004.11
cg06005318	3.63E-20	5.37E-22	-1.09E+01	39.1324738	-1.75E-01	30690213	30690336	NC_000006.11
cg14637919	3.65E-20	5.39E-22	-1.09E+01	39.1271224	-2.38E-01	227288327	227288450	NC_000002.11
cg20021784	3.68E-20	5.44E-22	-1.09E+01	39.1189898	-2.23E-01	201984386	201984509	NC_000002.11
cg03312427	3.69E-20	5.45E-22	-1.09E+01	39.1163937	-1.59E-01	226778381	226778504	NC_000001.10
cg16049246	3.71E-20	5.49E-22	-1.09E+01	39.108904	-1.28E-01	76464026	76464149	NC_000011.9
cg21322248	3.75E-20	5.55E-22	-1.09E+01	39.0990428	-1.63E-01	77289047	77289170	NC_000015.9
cg26113233	3.76E-20	5.57E-22	-1.09E+01	39.0945803	-2.43E-01	174673622	174673745	NC_000005.9
cg12905410	3.78E-20	5.60E-22	-1.09E+01	39.0903758	-6.81E-02	27805706	27805829	NC_000002.11
cg21390801	3.82E-20	5.67E-22	-1.09E+01	39.0774775	-2.66E-01	42733729	42733852	NC_000021.8
cg11558107	3.85E-20	5.71E-22	-1.09E+01	39.0703219	-2.59E-01	60700124	60700247	NC_000015.9
cg01116477	3.85E-20	5.72E-22	-1.09E+01	39.0693215	-2.75E-01	34053399	34053522	NC_000005.9
cg09044743	3.85E-20	5.72E-22	-1.09E+01	39.0688245	-1.10E-01	2458238	2458361	NC_000001.10
cg20009354	3.85E-20	5.72E-22	-1.09E+01	39.0687197	-1.69E-01	51421604	51421727	NC_000014.8
cg21488289	3.93E-20	5.84E-22	-1.09E+01	39.0489193	-1.85E-01	57233269	57233392	NC_000008.10
cg24448013	3.93E-20	5.84E-22	-1.09E+01	39.0483976	-1.43E-01	24126076	24126199	NC_000001.10

cg21582325	3.95E-20	5.86E-22	-1.09E+01	39.044195	-1.85E-01	121498343	121498466	NC_000012.11
cg21435684	3.95E-20	5.87E-22	-1.09E+01	39.0429131	-2.80E-01	80255457	80255580	NC_000017.10
cg11013544	3.95E-20	5.88E-22	-1.09E+01	39.0421674	-1.42E-01	42062791	42062914	NC_000022.10
cg21883293	3.96E-20	5.89E-22	-1.09E+01	39.0398493	-1.55E-01	32334657	32334780	NC_000011.9
cg07739179	3.98E-20	5.91E-22	-1.09E+01	39.0360903	-1.52E-01	42081810	42081933	NC_000017.10
cg06495763	4.01E-20	5.97E-22	-1.09E+01	39.0260249	-2.08E-01	2925470	2925593	NC_000011.9
cg17012665	4.02E-20	5.97E-22	-1.09E+01	39.0257559	-1.81E-01	1974195	1974318	NC_000008.10
cg00544436	4.02E-20	5.98E-22	-1.09E+01	39.0243135	-2.18E-01	34203564	34203687	NC_000006.11
cg21037184	4.02E-20	5.99E-22	-1.09E+01	39.0232616	-1.11E-01	90397684	90397807	NC_000005.9
cg24605325	4.03E-20	6.00E-22	-1.09E+01	39.0222617	-2.01E-01	128168798	128168921	NC_000002.11
cg04327247	4.03E-20	6.00E-22	-1.09E+01	39.0211917	-2.11E-01	100564659	100564782	NC_000009.11
cg20940675	4.05E-20	6.04E-22	-1.09E+01	39.015496	-2.33E-01	229714785	229714908	NC_000001.10
cg02577580	4.07E-20	6.08E-22	-1.09E+01	39.0091285	-1.99E-01	87552124	87552247	NC_000016.9
cg14688342	4.08E-20	6.08E-22	-1.09E+01	39.007797	-2.17E-01	55147074	55147197	NC_000007.13
cg09282289	4.09E-20	6.11E-22	-1.09E+01	39.0038286	-5.58E-02	20532174	20532297	NC_000013.10
cg24405567	4.10E-20	6.11E-22	-1.09E+01	39.0027049	-2.12E-01	70787565	70787688	NC_000015.9
cg25278144	4.12E-20	6.15E-22	-1.09E+01	38.9974352	-2.25E-01	77962240	77962363	NC_000017.10
cg05792169	4.14E-20	6.18E-22	-1.09E+01	38.992782	-2.34E-01	85874227	85874350	NC_000015.9
cg00245192	4.15E-20	6.19E-22	-1.09E+01	38.9904617	-5.98E-02	127541455	127541578	NC_000003.11
cg16010628	4.15E-20	6.19E-22	-1.09E+01	38.9903624	-1.15E-01	49692283	49692406	NC_000012.11
cg03364620	4.15E-20	6.19E-22	-1.09E+01	38.9900874	-2.03E-01	582347	582470	NC_000007.13
cg23411981	4.15E-20	6.20E-22	-1.09E+01	38.9892053	-8.08E-02	105940377	105940500	NC_000014.8
cg16513215	4.16E-20	6.22E-22	-1.09E+01	38.9863032	-9.45E-02	32164588	32164711	NC_000006.11
cg20932150	4.16E-20	6.22E-22	-1.09E+01	38.9859123	-1.58E-01	79495268	79495391	NC_000017.10
cg11988591	4.16E-20	6.22E-22	-1.09E+01	38.9854924	-1.47E-01	144451909	144452032	NC_000008.10

cg23941599	4.16E-20	6.22E-22	-1.09E+01	38.9850762	-1.08E-01	114880796	114880919	NC_000005.9
cg04318205	4.17E-20	6.23E-22	-1.09E+01	38.9840008	-1.18E-01	37309118	37309241	NC_000017.10
cg16490823	4.18E-20	6.26E-22	-1.09E+01	38.979344	-1.43E-01	167085508	167085631	NC_000006.11
cg07520608	4.19E-20	6.27E-22	-1.09E+01	38.9779457	-2.76E-01	23627401	23627524	NC_000002.11
cg24213196	4.20E-20	6.28E-22	-1.09E+01	38.9761271	-1.49E-01	40834836	40834959	NC_000017.10
cg05483184	4.20E-20	6.29E-22	-1.09E+01	38.9741897	-1.12E-01	32055393	32055516	NC_000006.11
cg27608102	4.23E-20	6.34E-22	-1.09E+01	38.9674712	-2.07E-01	39680504	39680627	NC_000017.10
cg13163521	4.24E-20	6.36E-22	-1.09E+01	38.9631202	-1.26E-01	41803428	41803551	NC_000015.9
cg15358855	4.25E-20	6.37E-22	-1.09E+01	38.9628599	-2.80E-01	129830237	129830360	NC_000011.9
cg09255732	4.27E-20	6.41E-22	-1.09E+01	38.9560365	-2.42E-01	32171050	32171173	NC_000001.10
cg23238834	4.28E-20	6.43E-22	-1.09E+01	38.9529122	-2.10E-01	31126879	31127002	NC_000006.11
cg17125585	4.29E-20	6.44E-22	-1.09E+01	38.9512716	-2.03E-01	68176471	68176594	NC_000001.10
cg12562828	4.30E-20	6.45E-22	-1.09E+01	38.9499866	-1.64E-01	65076843	65076966	NC_000011.9
cg03224418	4.30E-20	6.46E-22	-1.09E+01	38.9479526	-1.68E-01	62611858	62611981	NC_000020.10
cg03884543	4.31E-20	6.47E-22	-1.09E+01	38.9472433	-2.05E-01	109373104	109373227	NC_000001.10
cg23520347	4.31E-20	6.48E-22	-1.09E+01	38.9447912	-9.72E-02	206730839	206730962	NC_000001.10
cg26110130	4.32E-20	6.49E-22	-1.09E+01	38.9439741	-2.48E-01	42128455	42128578	NC_000001.10
cg07718903	4.34E-20	6.52E-22	-1.09E+01	38.938401	-1.97E-01	6104261	6104384	NC_000020.10
cg03330678	4.35E-20	6.54E-22	-1.09E+01	38.9358143	-2.50E-01	75316233	75316356	NC_000017.10
cg19565094	4.35E-20	6.54E-22	-1.09E+01	38.935694	-2.19E-01	71156035	71156158	NC_000015.9
cg00034755	4.37E-20	6.58E-22	-1.09E+01	38.9299675	-2.26E-01	50918361	50918484	NC_000022.10
cg05347216	4.40E-20	6.62E-22	-1.09E+01	38.9235669	-1.93E-01	1193884	1194007	NC_000016.9
cg02923485	4.40E-20	6.63E-22	-1.09E+01	38.9223215	-2.49E-01	223959609	223959732	NC_000001.10
cg07713361	4.41E-20	6.65E-22	-1.09E+01	38.9199374	-1.62E-01	36649144	36649267	NC_000022.10
cg09384035	4.43E-20	6.68E-22	-1.09E+01	38.9153717	-2.45E-01	104131768	104131891	NC_000008.10



cg00874230	4.44E-20	6.68E-22	-1.09E+01	38.9145264	-1.13E-01	117537584	117537707	NC_000012.11
cg09866102	4.44E-20	6.69E-22	-1.09E+01	38.9128725	-5.85E-02	31214134	31214257	NC_000016.9
cg20701183	4.45E-20	6.71E-22	-1.09E+01	38.9111775	-2.88E-01	87799914	87800037	NC_000001.10
cg23324953	4.45E-20	6.71E-22	-1.09E+01	38.9102608	-2.40E-01	145013728	145013851	NC_000008.10
cg00577202	4.50E-20	6.79E-22	-1.09E+01	38.8991982	-1.56E-01	156784152	156784275	NC_000001.10
cg03857640	4.53E-20	6.83E-22	-1.09E+01	38.8926662	-1.51E-01	46607688	46607811	NC_000016.9
cg11203985	4.56E-20	6.88E-22	-1.09E+01	38.8851235	-1.55E-01	89641054	89641177	NC_000016.9
cg07510303	4.57E-20	6.89E-22	-1.09E+01	38.8837237	-1.32E-01	143748526	143748649	NC_000006.11
cg21971800	4.60E-20	6.95E-22	-1.09E+01	38.8756135	-1.94E-01	831348	831471	NC_000017.10
cg11159295	4.61E-20	6.97E-22	-1.09E+01	38.8734907	-1.17E-01	52280139	52280262	NC_000003.11
cg19834071	4.63E-20	7.00E-22	-1.09E+01	38.8692183	-6.33E-02	41698987	41699110	NC_000019.9
cg15627710	4.64E-20	7.02E-22	-1.09E+01	38.8661734	-2.20E-01	154972140	154972263	NC_000001.10
cg21526750	4.66E-20	7.04E-22	-1.09E+01	38.86249	-2.87E-01	23291749	23291872	NC_000014.8
cg07552374	4.74E-20	7.17E-22	-1.09E+01	38.8450598	-2.33E-01	6418966	6419089	NC_000011.9
cg04608933	4.75E-20	7.19E-22	-1.09E+01	38.8420289	-1.71E-01	2554801	2554924	NC_000011.9
cg08380556	4.75E-20	7.19E-22	-1.09E+01	38.8415851	-1.03E-01	31020218	31020341	NC_000013.10
cg10695848	4.77E-20	7.22E-22	-1.09E+01	38.8377484	-1.46E-01	48206783	48206906	NC_000012.11
cg17884383	4.79E-20	7.26E-22	-1.09E+01	38.8318596	-1.87E-01	45848320	45848443	NC_000019.9
cg25201707	4.80E-20	7.27E-22	-1.09E+01	38.8312194	-1.47E-01	246772605	246772728	NC_000001.10
cg16098545	4.81E-20	7.29E-22	-1.09E+01	38.8287128	-2.22E-01	26492312	26492435	NC_000012.11
cg06968859	4.81E-20	7.30E-22	-1.09E+01	38.8275409	-2.33E-01	80724209	80724332	NC_000002.11
cg26559804	4.82E-20	7.31E-22	-1.09E+01	38.8254235	-1.76E-01	128391271	128391394	NC_000011.9
cg10112270	4.82E-20	7.31E-22	-1.09E+01	38.8249145	-1.41E-01	21913458	21913581	NC_000001.10
cg08227353	4.85E-20	7.35E-22	-1.09E+01	38.8194986	-2.62E-01	102821670	102821793	NC_000010.10
cg10453071	4.89E-20	7.43E-22	-1.09E+01	38.8098342	-2.09E-01	57513414	57513537	NC_000016.9

cg23283839	4.93E-20	7.49E-22	-1.09E+01	38.8010594	-1.27E-01	158939381	158939504	NC_000006.11
cg06616512	5.02E-20	7.63E-22	-1.09E+01	38.7831988	-9.82E-02	96692187	96692310	NC_000014.8
cg15013617	5.03E-20	7.64E-22	-1.09E+01	38.7818851	-2.62E-01	2795378	2795501	NC_000020.10
cg08553950	5.07E-20	7.71E-22	-1.09E+01	38.7729663	-2.06E-01	36012016	36012139	NC_000020.10
cg18369939	5.08E-20	7.73E-22	-1.09E+01	38.7702407	-1.05E-01	3239916	3240039	NC_000001.10
cg15056556	5.09E-20	7.74E-22	-1.09E+01	38.7684623	-8.40E-02	146864482	146864605	NC_000006.11
cg14986890	5.09E-20	7.75E-22	-1.09E+01	38.7675275	-2.86E-01	158427635	158427758	NC_000003.11
cg21418854	5.13E-20	7.80E-22	-1.09E+01	38.7612599	-1.72E-01	36771781	36771904	NC_000001.10
cg22254463	5.16E-20	7.86E-22	-1.09E+01	38.7537497	-3.03E-01	108422663	108422786	NC_000011.9
cg00953154	5.20E-20	7.91E-22	-1.09E+01	38.7472948	-1.39E-01	45025620	45025743	NC_000007.13
cg22642477	5.22E-20	7.95E-22	-1.09E+01	38.7422568	-1.40E-01	5488162	5488285	NC_000017.10
cg18693822	5.22E-20	7.95E-22	-1.09E+01	38.7421539	-2.65E-01	55620604	55620727	NC_000007.13
cg12002708	5.23E-20	7.97E-22	-1.09E+01	38.7399395	-1.15E-01	32899806	32899929	NC_000020.10
cg07373212	5.24E-20	7.99E-22	-1.09E+01	38.7378368	-2.65E-01	126577851	126577974	NC_000003.11
cg18739800	5.27E-20	8.03E-22	-1.09E+01	38.7328306	-1.23E-01	27806020	27806143	NC_000006.11
cg19249749	5.28E-20	8.05E-22	-1.09E+01	38.7299423	-2.84E-01	223853145	223853268	NC_000001.10
cg08918658	5.30E-20	8.08E-22	-1.09E+01	38.7265708	-2.16E-01	158447883	158448006	NC_000006.11
cg01520454	5.30E-20	8.08E-22	-1.09E+01	38.7264437	-1.56E-01	2304375	2304498	NC_000001.10
cg09915397	5.31E-20	8.10E-22	-1.09E+01	38.7238486	-6.79E-02	46234214	46234337	NC_000019.9
cg18497238	5.32E-20	8.12E-22	-1.09E+01	38.7213797	-2.22E-01	75083495	75083618	NC_000014.8
cg17815820	5.37E-20	8.19E-22	-1.09E+01	38.7122622	-2.31E-01	86219783	86219906	NC_000015.9
cg03799957	5.40E-20	8.24E-22	-1.09E+01	38.7067305	-5.66E-02	42249026	42249149	NC_000008.10
cg15446845	5.40E-20	8.24E-22	-1.09E+01	38.7061887	-1.01E-01	5470909	5471032	NC_000003.11
cg10505740	5.44E-20	8.31E-22	-1.09E+01	38.6983387	-6.43E-02	2478800	2478923	NC_000016.9
cg15208197	5.48E-20	8.36E-22	-1.09E+01	38.6918253	-1.42E-01	156561146	156561269	NC_000001.10

cg19695805	5.48E-20	8.37E-22	-1.09E+01	38.6909326	-1.56E-01	9385645	9385768	NC_000011.9
cg18668449	5.51E-20	8.41E-22	-1.09E+01	38.6860608	-2.52E-01	60925179	60925302	NC_000020.10
cg02960777	5.51E-20	8.41E-22	-1.09E+01	38.6858856	-2.45E-01	77562848	77562971	NC_000007.13
cg15126957	5.54E-20	8.48E-22	-1.09E+01	38.6785197	-9.23E-02	179246594	179246717	NC_000005.9
cg06523744	5.57E-20	8.51E-22	-1.09E+01	38.6745134	-1.09E-01	39410145	39410268	NC_000022.10
cg08041308	5.57E-20	8.51E-22	-1.09E+01	38.6743118	-1.74E-01	73028425	73028548	NC_000017.10
cg07361874	5.58E-20	8.54E-22	-1.09E+01	38.671251	-1.22E-01	132073577	132073700	NC_000005.9
cg27417997	5.58E-20	8.54E-22	-1.09E+01	38.6707929	-2.66E-01	77356416	77356539	NC_000004.11
cg04064032	5.58E-20	8.55E-22	-1.09E+01	38.6700665	-2.77E-01	114846876	114846999	NC_000010.10
cg09103187	5.61E-20	8.60E-22	-1.09E+01	38.6644407	-2.53E-01	42207510	42207633	NC_000006.11
cg13058457	5.65E-20	8.66E-22	-1.09E+01	38.6571692	-3.36E-01	38422160	38422283	NC_000015.9
cg07280206	5.74E-20	8.80E-22	-1.09E+01	38.641714	-1.23E-01	56554249	56554372	NC_000016.9
cg13512951	5.77E-20	8.84E-22	-1.09E+01	38.6370493	-1.75E-01	127029180	127029303	NC_000009.11
cg24996440	5.77E-20	8.85E-22	-1.09E+01	38.6360623	-1.86E-01	3583570	3583693	NC_000002.11
cg10769531	5.77E-20	8.85E-22	-1.09E+01	38.6353358	-2.48E-01	110753971	110754094	NC_000007.13
cg12967723	5.82E-20	8.93E-22	-1.09E+01	38.6271496	-1.54E-01	100464145	100464268	NC_000007.13
cg10248100	5.83E-20	8.95E-22	-1.09E+01	38.6250128	-1.46E-01	872053	872176	NC_000007.13
cg09072560	5.85E-20	8.98E-22	-1.09E+01	38.6218188	-2.13E-01	32802218	32802341	NC_000001.10
cg15355388	5.86E-20	8.99E-22	-1.09E+01	38.6199251	-1.23E-01	57004919	57005042	NC_000011.9
cg16594502	5.88E-20	9.04E-22	-1.09E+01	38.615242	-1.89E-01	40339900	40340023	NC_000015.9
cg23448635	5.90E-20	9.07E-22	-1.09E+01	38.6117845	-1.11E-01	79859809	79859932	NC_000017.10
cg10321156	5.93E-20	9.11E-22	-1.08E+01	38.607312	-1.96E-01	63687223	63687346	NC_000011.9
cg24343430	5.93E-20	9.11E-22	-1.08E+01	38.6071584	-2.34E-01	117457111	117457234	NC_000008.10
cg13639881	5.93E-20	9.11E-22	-1.08E+01	38.6068425	-1.49E-01	19421817	19421940	NC_000016.9
cg09851620	5.93E-20	9.12E-22	-1.08E+01	38.6061845	-2.47E-01	95403214	95403337	NC_000001.10

cg21603144	5.97E-20	9.19E-22	-1.08E+01	38.5988961	-2.25E-01	102608233	102608356	NC_000002.11
cg10207553	5.98E-20	9.20E-22	-1.08E+01	38.5975863	-2.13E-01	65277977	65278100	NC_000015.9
cg20512029	5.99E-20	9.22E-22	-1.08E+01	38.5955247	-6.77E-02	43104357	43104480	NC_000020.10
cg03006527	5.99E-20	9.22E-22	-1.08E+01	38.5951736	-1.66E-01	155043967	155044090	NC_000001.10
cg12091936	6.01E-20	9.25E-22	-1.08E+01	38.5921098	-2.69E-01	70303534	70303657	NC_000011.9
cg17951713	6.02E-20	9.27E-22	-1.08E+01	38.5901202	-2.64E-01	130698161	130698284	NC_000008.10
cg02966574	6.03E-20	9.28E-22	-1.08E+01	38.5882324	-7.29E-02	68872082	68872205	NC_000015.9
cg02683578	6.04E-20	9.31E-22	-1.08E+01	38.5858825	-5.42E-02	31649432	31649555	NC_000006.11
cg15599832	6.04E-20	9.32E-22	-1.08E+01	38.5849458	-2.31E-01	38845129	38845252	NC_000005.9
cg20410995	6.05E-20	9.33E-22	-1.08E+01	38.5830418	-1.09E-01	89664545	89664668	NC_000001.10
cg01141339	6.07E-20	9.36E-22	-1.08E+01	38.5802742	-2.20E-01	72530198	72530321	NC_000005.9
cg14074174	6.08E-20	9.38E-22	-1.08E+01	38.5783843	-1.92E-01	7986206	7986329	NC_000019.9
cg08153752	6.09E-20	9.40E-22	-1.08E+01	38.5763747	-1.38E-01	2458258	2458381	NC_000001.10
cg05956608	6.10E-20	9.42E-22	-1.08E+01	38.5740204	-3.07E-01	207999258	207999381	NC_000001.10
cg04807739	6.12E-20	9.46E-22	-1.08E+01	38.5699593	-1.38E-01	88779914	88780037	NC_000010.10
cg11066209	6.14E-20	9.48E-22	-1.08E+01	38.5677728	-1.37E-01	2282252	2282375	NC_000007.13
cg08822075	6.15E-20	9.50E-22	-1.08E+01	38.5651934	-2.72E-01	26193607	26193730	NC_000007.13
cg19722656	6.17E-20	9.54E-22	-1.08E+01	38.561576	-8.74E-02	119669372	119669495	NC_000006.11
cg17972655	6.21E-20	9.61E-22	-1.08E+01	38.5541713	-1.85E-01	90709123	90709246	NC_000015.9
cg02073525	6.23E-20	9.64E-22	-1.08E+01	38.5506932	-1.93E-01	78556423	78556546	NC_000015.9
cg03779326	6.24E-20	9.65E-22	-1.08E+01	38.5496212	-1.05E-01	128278532	128278655	NC_000003.11
cg23460250	6.30E-20	9.75E-22	-1.08E+01	38.5393574	-3.23E-01	73223852	73223975	NC_000007.13
cg14217589	6.33E-20	9.80E-22	-1.08E+01	38.534442	-1.34E-01	37979819	37979942	NC_000004.11
cg18637459	6.36E-20	9.85E-22	-1.08E+01	38.5291657	-1.11E-01	108991991	108992114	NC_000012.11
cg24599065	6.39E-20	9.90E-22	-1.08E+01	38.5249675	-1.79E-01	202093848	202093971	NC_000002.11

cg05743713	6.39E-20	9.91E-22	-1.08E+01	38.5236175	-2.47E-01	66885240	66885363	NC_000011.9
cg22878582	6.40E-20	9.92E-22	-1.08E+01	38.5220989	-1.86E-01	69944091	69944214	NC_000002.11
cg22942704	6.49E-20	1.01E-21	-1.08E+01	38.5066918	-7.55E-02	20813574	20813697	NC_000001.10
cg06002524	6.51E-20	1.01E-21	-1.08E+01	38.5047977	-7.56E-02	74225627	74225750	NC_000014.8
cg08378442	6.52E-20	1.01E-21	-1.08E+01	38.5021363	-1.01E-01	220117704	220117827	NC_000002.11
cg09474442	6.52E-20	1.01E-21	-1.08E+01	38.5017669	-2.46E-01	120189867	120189990	NC_000002.11
cg15123011	6.58E-20	1.02E-21	-1.08E+01	38.4922972	-6.10E-02	42136729	42136852	NC_000020.10
cg23656110	6.58E-20	1.02E-21	-1.08E+01	38.4921952	-1.85E-01	45232531	45232654	NC_000021.8
cg07095737	6.61E-20	1.03E-21	-1.08E+01	38.4876906	-1.88E-01	14458471	14458594	NC_000016.9
cg03310376	6.62E-20	1.03E-21	-1.08E+01	38.4859091	-3.13E-01	12229001	12229124	NC_000003.11
cg22444720	6.65E-20	1.03E-21	-1.08E+01	38.480987	-1.32E-01	126240414	126240537	NC_000006.11
cg10392768	6.66E-20	1.04E-21	-1.08E+01	38.4788515	-4.95E-02	8021828	8021951	NC_000017.10
cg18917853	6.69E-20	1.04E-21	-1.08E+01	38.474672	-1.04E-01	18723119	18723242	NC_000019.9
cg15987211	6.70E-20	1.04E-21	-1.08E+01	38.4730474	-1.16E-01	24438941	24439064	NC_000001.10
cg23904247	6.72E-20	1.05E-21	-1.08E+01	38.4694215	-2.38E-01	102554826	102554949	NC_000014.8
cg12261095	6.75E-20	1.05E-21	-1.08E+01	38.4653323	-1.43E-01	7764345	7764468	NC_000019.9
cg15896084	6.80E-20	1.06E-21	-1.08E+01	38.4578358	-2.88E-01	114927664	114927787	NC_000013.10
cg08596549	6.87E-20	1.07E-21	-1.08E+01	38.4471303	-2.04E-01	27777731	27777854	NC_000006.11
cg01655703	6.87E-20	1.07E-21	-1.08E+01	38.4461622	-9.41E-02	112856138	112856261	NC_000012.11
cg23304296	6.89E-20	1.07E-21	-1.08E+01	38.4435423	-1.20E-01	116961183	116961306	NC_000001.10
cg07018107	6.93E-20	1.08E-21	-1.08E+01	38.436942	-2.32E-01	129162406	129162529	NC_000008.10
cg20118643	6.96E-20	1.09E-21	-1.08E+01	38.4322734	-1.26E-01	60690852	60690975	NC_000015.9
cg06398114	6.98E-20	1.09E-21	-1.08E+01	38.4301229	-1.37E-01	2674181	2674304	NC_000007.13
cg27215916	6.99E-20	1.09E-21	-1.08E+01	38.4285291	-2.54E-01	120218354	120218477	NC_000008.10
cg05832051	7.00E-20	1.09E-21	-1.08E+01	38.4269033	-2.14E-01	54369469	54369592	NC_000019.9

cg17322774	7.04E-20	1.10E-21	-1.08E+01	38.4199518	-1.79E-01	158224817	158224940	NC_000007.13
cg15862406	7.05E-20	1.10E-21	-1.08E+01	38.418741	-1.21E-01	80188816	80188939	NC_000017.10
cg15534755	7.10E-20	1.11E-21	-1.08E+01	38.4109085	-2.03E-01	117069859	117069982	NC_000011.9
cg03096126	7.10E-20	1.11E-21	-1.08E+01	38.4103193	-2.74E-01	56531159	56531282	NC_000018.9
cg26203845	7.11E-20	1.11E-21	-1.08E+01	38.4093473	-6.92E-02	105293866	105293989	NC_000014.8
cg25174409	7.15E-20	1.12E-21	-1.08E+01	38.4031739	-1.23E-01	41239323	41239446	NC_000021.8
cg23987789	7.16E-20	1.12E-21	-1.08E+01	38.4014749	-2.66E-01	7842406	7842529	NC_000001.10
cg17385247	7.17E-20	1.12E-21	-1.08E+01	38.4002052	-2.20E-01	115718469	115718592	NC_000010.10
cg04766043	7.19E-20	1.13E-21	-1.08E+01	38.3967269	-2.24E-01	114770710	114770833	NC_000013.10
cg16569650	7.20E-20	1.13E-21	-1.08E+01	38.3952655	-2.33E-01	2773072	2773195	NC_000007.13
cg20559217	7.29E-20	1.14E-21	-1.08E+01	38.3821864	-1.10E-01	126173516	126173639	NC_000011.9
cg08884752	7.35E-20	1.15E-21	-1.08E+01	38.374849	-2.01E-01	2162001	2162124	NC_000001.10
cg16925459	7.37E-20	1.16E-21	-1.08E+01	38.3708681	-2.12E-01	18548581	18548704	NC_000007.13
cg27299047	7.41E-20	1.16E-21	-1.08E+01	38.3652485	-1.99E-01	2103248	2103371	NC_000007.13
cg05377162	7.43E-20	1.16E-21	-1.08E+01	38.363422	-6.73E-02	185286996	185287119	NC_000001.10
cg16708465	7.44E-20	1.17E-21	-1.08E+01	38.3617709	-2.39E-01	95933097	95933220	NC_000013.10
cg22417733	7.44E-20	1.17E-21	-1.08E+01	38.3616932	-2.11E-01	153303409	153303532	NC_000006.11
cg25840318	7.46E-20	1.17E-21	-1.08E+01	38.3585713	-1.68E-01	8249430	8249553	NC_000004.11
cg26311501	7.47E-20	1.17E-21	-1.08E+01	38.3568259	-2.77E-01	55865623	55865746	NC_000014.8
cg09678615	7.47E-20	1.17E-21	-1.08E+01	38.3566744	-1.40E-01	52579163	52579286	NC_000016.9
cg07129273	7.54E-20	1.18E-21	-1.08E+01	38.3468409	-4.03E-02	86158305	86158428	NC_000008.10
cg14484145	7.57E-20	1.19E-21	-1.08E+01	38.3430425	-1.16E-01	149792371	149792494	NC_000005.9
cg15263682	7.60E-20	1.19E-21	-1.08E+01	38.3383879	-1.54E-01	88779935	88780058	NC_000010.10
cg09989037	7.62E-20	1.20E-21	-1.08E+01	38.3363496	-2.78E-01	44300942	44301065	NC_000001.10
cg00417757	7.62E-20	1.20E-21	-1.08E+01	38.3359761	-7.30E-02	105172974	105173097	NC_000007.13

cg04033718	7.66E-20	1.20E-21	-1.08E+01	38.3306192	-1.95E-01	4419241	4419364	NC_000016.9
cg14183013	7.67E-20	1.21E-21	-1.08E+01	38.3293216	-9.40E-02	45985553	45985676	NC_000020.10
cg18773597	7.69E-20	1.21E-21	-1.08E+01	38.3257847	-2.68E-01	119854913	119855036	NC_000006.11
cg14869028	7.71E-20	1.21E-21	-1.08E+01	38.3222771	-1.17E-01	32042161	32042284	NC_000001.10
cg06966245	7.76E-20	1.22E-21	-1.08E+01	38.3153447	-2.00E-01	30043002	30043125	NC_000001.10
cg08529744	7.79E-20	1.23E-21	-1.08E+01	38.3115982	-1.54E-01	151818922	151819045	NC_000001.10
cg09926486	7.86E-20	1.24E-21	-1.08E+01	38.3022743	-1.44E-01	44486207	44486330	NC_000015.9
cg03225109	7.88E-20	1.24E-21	-1.08E+01	38.2999491	-1.21E-01	219773473	219773596	NC_000002.11
cg07924503	7.91E-20	1.25E-21	-1.08E+01	38.2959526	-2.48E-01	89573631	89573754	NC_000016.9
cg04770370	7.92E-20	1.25E-21	-1.08E+01	38.2945459	-1.39E-01	8022071	8022194	NC_000004.11
cg25742326	7.93E-20	1.25E-21	-1.08E+01	38.292529	-2.55E-01	901449	901572	NC_000001.10
cg22678398	7.98E-20	1.26E-21	-1.08E+01	38.2871578	-1.99E-01	152884214	152884337	NC_000003.11
cg15496085	8.00E-20	1.26E-21	-1.08E+01	38.2844375	-7.51E-02	16435203	16435326	NC_000019.9
cg05212892	8.00E-20	1.26E-21	-1.08E+01	38.2839597	-2.29E-01	158533877	158534000	NC_000007.13
cg16066354	8.06E-20	1.27E-21	-1.08E+01	38.2756628	-2.77E-01	39417451	39417574	NC_000022.10
cg25701646	8.09E-20	1.28E-21	-1.08E+01	38.2720027	-2.77E-01	57969522	57969645	NC_000003.11
cg06010111	8.12E-20	1.28E-21	-1.08E+01	38.2670642	-1.02E-01	99771192	99771315	NC_000002.11
cg10898058	8.13E-20	1.28E-21	-1.08E+01	38.2659846	-2.20E-01	170774610	170774733	NC_000003.11
cg19049754	8.18E-20	1.29E-21	-1.08E+01	38.2596835	-2.20E-01	81966990	81967113	NC_000010.10
cg04222728	8.25E-20	1.30E-21	-1.08E+01	38.2511763	-2.45E-01	138549665	138549788	NC_000007.13
cg19844653	8.25E-20	1.30E-21	-1.08E+01	38.2506793	-1.04E-01	133451294	133451417	NC_000005.9
cg21461300	8.26E-20	1.31E-21	-1.08E+01	38.2490233	-1.81E-01	114830702	114830825	NC_000013.10
cg13581866	8.30E-20	1.31E-21	-1.08E+01	38.2446768	-1.37E-01	11138138	11138261	NC_000003.11
cg18031663	8.30E-20	1.31E-21	-1.08E+01	38.2444779	-2.72E-01	77456902	77457025	NC_000012.11
cg25152942	8.30E-20	1.31E-21	-1.08E+01	38.2440075	-2.70E-01	41281080	41281203	NC_000019.9

cg16624013	8.31E-20	1.32E-21	-1.08E+01	38.242489	-6.70E-02	35437101	35437224	NC_000006.11
cg16849024	8.41E-20	1.33E-21	-1.08E+01	38.229836	-1.91E-01	41934210	41934333	NC_000019.9
cg19475067	8.45E-20	1.34E-21	-1.08E+01	38.2252747	-1.17E-01	110867756	110867879	NC_000012.11
cg13801056	8.45E-20	1.34E-21	-1.08E+01	38.2251199	-1.01E-01	99766467	99766590	NC_000007.13
cg20206377	8.47E-20	1.34E-21	-1.08E+01	38.2228386	-1.58E-01	2323272	2323395	NC_000011.9
cg07915516	8.49E-20	1.35E-21	-1.08E+01	38.2200653	-1.64E-01	377344	377467	NC_000016.9
cg25634141	8.52E-20	1.35E-21	-1.08E+01	38.2163847	-1.47E-01	39705046	39705169	NC_000017.10
cg08880817	8.53E-20	1.35E-21	-1.08E+01	38.2153178	-1.34E-01	7909642	7909765	NC_000006.11
cg05080966	8.54E-20	1.35E-21	-1.08E+01	38.2131949	-1.37E-01	145549812	145549935	NC_000008.10
cg07717632	8.58E-20	1.36E-21	-1.08E+01	38.2079336	-2.37E-01	140172631	140172754	NC_000009.11
cg13393585	8.62E-20	1.37E-21	-1.08E+01	38.2039864	-1.36E-01	1134906	1135029	NC_000017.10
cg26284735	8.64E-20	1.37E-21	-1.08E+01	38.2012055	-1.92E-01	5065165	5065288	NC_000003.11
cg21859053	8.69E-20	1.38E-21	-1.08E+01	38.1956714	-1.37E-01	12330363	12330486	NC_000003.11
cg24031764	8.74E-20	1.39E-21	-1.08E+01	38.1885101	-2.15E-01	188696743	188696866	NC_000003.11
cg01751245	8.78E-20	1.39E-21	-1.08E+01	38.1843511	-2.79E-01	65593761	65593884	NC_000002.11
cg07807026	8.81E-20	1.40E-21	-1.08E+01	38.1804484	-1.02E-01	2041581	2041704	NC_000012.11
cg23459424	8.88E-20	1.41E-21	-1.08E+01	38.1718625	-2.02E-01	28549125	28549248	NC_000002.11
cg19894975	8.93E-20	1.42E-21	-1.08E+01	38.1663057	-1.49E-01	76355674	76355797	NC_000017.10
cg19310430	9.11E-20	1.45E-21	-1.08E+01	38.1451049	-1.22E-01	128775026	128775149	NC_000011.9
cg09903452	9.16E-20	1.46E-21	-1.08E+01	38.1399178	-1.74E-01	75315244	75315367	NC_000017.10
cg08749736	9.18E-20	1.46E-21	-1.08E+01	38.1368501	-4.45E-02	205425944	205426067	NC_000001.10
cg03560879	9.18E-20	1.46E-21	-1.08E+01	38.1362679	-1.49E-01	34380608	34380731	NC_000009.11
cg25446086	9.30E-20	1.48E-21	-1.08E+01	38.1229577	-1.23E-01	155829549	155829672	NC_000001.10
cg03168587	9.33E-20	1.49E-21	-1.08E+01	38.1198193	-1.09E-01	65657818	65657941	NC_000011.9
cg10020892	9.34E-20	1.49E-21	-1.08E+01	38.1178742	-2.52E-01	147016901	147017024	NC_000001.10



cg09213124	9.37E-20	1.50E-21	-1.08E+01	38.1146327	-1.70E-01	38599508	38599631	NC_000017.10
cg02482460	9.45E-20	1.51E-21	-1.08E+01	38.1064821	-1.69E-01	89664338	89664461	NC_000001.10
cg03495053	9.49E-20	1.52E-21	-1.08E+01	38.1014856	-2.05E-01	169650832	169650955	NC_000006.11
cg14654171	9.49E-20	1.52E-21	-1.08E+01	38.1009091	-2.55E-01	130151001	130151124	NC_000009.11
cg02116612	9.54E-20	1.52E-21	-1.08E+01	38.095905	-1.94E-01	127542388	127542511	NC_000003.11
cg04948649	9.55E-20	1.53E-21	-1.08E+01	38.0942611	-2.08E-01	1901748	1901871	NC_000011.9
cg22437316	9.59E-20	1.53E-21	-1.08E+01	38.0901646	-1.19E-01	177664663	177664786	NC_000005.9
cg18097224	9.65E-20	1.54E-21	-1.08E+01	38.0832679	-8.18E-02	133451237	133451360	NC_000005.9
cg27582563	9.72E-20	1.56E-21	-1.08E+01	38.0762261	-1.92E-01	20384285	20384408	NC_000002.11
cg25888386	9.75E-20	1.56E-21	-1.08E+01	38.0728996	-3.41E-01	115141887	115142010	NC_000010.10
cg15878619	9.81E-20	1.57E-21	-1.08E+01	38.0667307	-1.93E-01	30687373	30687496	NC_000006.11
cg01550445	9.82E-20	1.57E-21	-1.08E+01	38.0652478	-1.94E-01	72929983	72930106	NC_000011.9
cg07557792	9.84E-20	1.58E-21	-1.08E+01	38.0629132	-9.34E-02	50969783	50969906	NC_000022.10
cg16748413	9.93E-20	1.59E-21	-1.08E+01	38.0536311	-1.55E-01	82543431	82543554	NC_000008.10
cg02305113	9.94E-20	1.59E-21	-1.08E+01	38.052637	-2.50E-01	2059212	2059335	NC_000007.13
cg03730474	9.98E-20	1.60E-21	-1.08E+01	38.0476522	-1.25E-01	15695817	15695940	NC_000019.9
cg08989979	1.00E-19	1.61E-21	-1.08E+01	38.0440112	-1.41E-01	192141	192264	NC_000011.9
cg23192683	1.01E-19	1.61E-21	-1.08E+01	38.0389762	-3.10E-01	194208907	194209030	NC_000003.11
cg14148156	1.01E-19	1.63E-21	-1.08E+01	38.0326338	-2.43E-01	35844507	35844630	NC_000009.11
cg06045337	1.01E-19	1.63E-21	-1.08E+01	38.0324299	-2.30E-01	145013910	145014033	NC_000008.10
cg19683417	1.01E-19	1.63E-21	-1.08E+01	38.0318145	-2.59E-01	67845133	67845256	NC_000005.9
cg16091269	1.02E-19	1.63E-21	-1.08E+01	38.0282987	-1.05E-01	197183271	197183394	NC_000003.11
cg23057051	1.02E-19	1.63E-21	-1.08E+01	38.0273181	-9.84E-02	89984268	89984391	NC_000016.9
cg05845928	1.02E-19	1.64E-21	-1.08E+01	38.0231613	-7.45E-02	6458752	6458875	NC_000017.10
cg21178378	1.02E-19	1.65E-21	-1.08E+01	38.0192685	-2.57E-01	64175242	64175365	NC_000003.11

cg21568661	1.03E-19	1.65E-21	-1.08E+01	38.0180415	-2.17E-01	62411575	62411698	NC_000015.9
cg06500792	1.03E-19	1.65E-21	-1.08E+01	38.0170898	-2.37E-01	65006618	65006741	NC_000002.11
cg24988684	1.03E-19	1.66E-21	-1.08E+01	38.0127309	-2.10E-01	76128556	76128679	NC_000017.10
cg12600030	1.06E-19	1.70E-21	-1.08E+01	37.9872938	-6.88E-02	5635820	5635943	NC_000007.13
cg13742752	1.06E-19	1.71E-21	-1.08E+01	37.9842833	-2.23E-01	21047569	21047692	NC_000013.10
cg23918953	1.06E-19	1.71E-21	-1.08E+01	37.9830595	-2.44E-01	68915528	68915651	NC_000012.11
cg22385764	1.07E-19	1.72E-21	-1.08E+01	37.9765713	-4.81E-02	48551594	48551717	NC_000012.11
cg15834395	1.07E-19	1.72E-21	-1.08E+01	37.9745806	-1.45E-01	134261413	134261536	NC_000010.10
cg09617556	1.08E-19	1.73E-21	-1.08E+01	37.9693839	-9.64E-02	219924408	219924531	NC_000002.11
cg06627532	1.08E-19	1.74E-21	-1.08E+01	37.9661822	-2.19E-01	81491312	81491435	NC_000016.9
cg19389370	1.08E-19	1.74E-21	-1.08E+01	37.9634378	-2.47E-01	10161484	10161607	NC_000011.9
cg09435170	1.08E-19	1.74E-21	-1.08E+01	37.9622926	-2.24E-01	184256627	184256750	NC_000004.11
cg06269559	1.09E-19	1.76E-21	-1.08E+01	37.9546737	-1.77E-01	15298785	15298908	NC_000002.11
cg13947995	1.09E-19	1.76E-21	-1.08E+01	37.952425	-1.36E-01	91427821	91427944	NC_000015.9
cg06094523	1.10E-19	1.77E-21	-1.08E+01	37.9479564	-1.52E-01	43398103	43398226	NC_000001.10
cg17329164	1.11E-19	1.79E-21	-1.08E+01	37.9378687	-1.44E-01	32121259	32121382	NC_000006.11
cg27559399	1.11E-19	1.80E-21	-1.07E+01	37.9327128	-1.51E-01	201450997	201451120	NC_000001.10
cg02372702	1.13E-19	1.82E-21	-1.07E+01	37.9192071	-1.95E-01	25304568	25304691	NC_000012.11
cg06327965	1.14E-19	1.83E-21	-1.07E+01	37.9124284	-9.45E-02	44302666	44302789	NC_000019.9
cg04422625	1.14E-19	1.85E-21	-1.07E+01	37.9057334	-1.53E-01	125053833	125053956	NC_000008.10
cg13306815	1.15E-19	1.85E-21	-1.07E+01	37.9027375	-2.57E-01	140364611	140364734	NC_000006.11
cg01502396	1.15E-19	1.86E-21	-1.07E+01	37.8970072	-1.18E-01	46403923	46404046	NC_000011.9
cg09387382	1.15E-19	1.87E-21	-1.07E+01	37.8944846	-1.49E-01	78418426	78418549	NC_000017.10
cg07199862	1.16E-19	1.87E-21	-1.07E+01	37.8910497	-2.41E-01	763485	763608	NC_000011.9
cg00583068	1.16E-19	1.88E-21	-1.07E+01	37.8856441	-2.47E-01	224972796	224972919	NC_000001.10

cg11136562	1.19E-19	1.92E-21	-1.07E+01	37.8655383	-2.08E-01	141061285	141061408	NC_000005.9
cg11819702	1.19E-19	1.92E-21	-1.07E+01	37.8650735	-2.55E-01	73529573	73529696	NC_000005.9
cg15549637	1.19E-19	1.93E-21	-1.07E+01	37.8609348	-2.27E-01	105489998	105490121	NC_000007.13
cg22642517	1.20E-19	1.94E-21	-1.07E+01	37.8569916	-1.19E-01	52701963	52702086	NC_000012.11
cg02195680	1.20E-19	1.95E-21	-1.07E+01	37.8527838	-1.65E-01	28519566	28519689	NC_000016.9
cg22809683	1.21E-19	1.97E-21	-1.07E+01	37.8423085	-1.97E-01	182998916	182999039	NC_000001.10
cg20388580	1.22E-19	1.97E-21	-1.07E+01	37.8409281	-2.34E-01	80345221	80345344	NC_000017.10
cg09228833	1.23E-19	1.99E-21	-1.07E+01	37.8301999	-2.20E-01	52199778	52199901	NC_000020.10
cg15141592	1.23E-19	1.99E-21	-1.07E+01	37.8301254	-1.04E-01	48207044	48207167	NC_000012.11
cg20092122	1.23E-19	2.00E-21	-1.07E+01	37.82749	-3.17E-01	17517221	17517344	NC_000019.9
cg27492458	1.23E-19	2.00E-21	-1.07E+01	37.8271763	-8.70E-02	149120109	149120232	NC_000007.13
cg16315928	1.23E-19	2.01E-21	-1.07E+01	37.8241203	-4.82E-02	109776240	109776363	NC_000006.11
cg14050824	1.24E-19	2.02E-21	-1.07E+01	37.8167824	-2.81E-01	140683797	140683920	NC_000009.11
cg10606923	1.25E-19	2.03E-21	-1.07E+01	37.8113307	-1.83E-01	156817610	156817733	NC_000005.9
cg13411336	1.26E-19	2.04E-21	-1.07E+01	37.8061437	-1.78E-01	43968842	43968965	NC_000011.9
cg27619475	1.26E-19	2.04E-21	-1.07E+01	37.8048079	-1.98E-01	73083881	73084004	NC_000017.10
cg06734342	1.26E-19	2.05E-21	-1.07E+01	37.8015496	-9.79E-02	45729807	45729930	NC_000003.11
cg01761729	1.26E-19	2.06E-21	-1.07E+01	37.7998323	-1.88E-01	128419650	128419773	NC_000002.11
cg25546651	1.27E-19	2.06E-21	-1.07E+01	37.7970458	-2.55E-01	25910053	25910176	NC_000004.11
cg27478224	1.28E-19	2.09E-21	-1.07E+01	37.7832077	-1.71E-01	91061115	91061238	NC_000010.10
cg13514772	1.29E-19	2.10E-21	-1.07E+01	37.7800556	-1.92E-01	38770414	38770537	NC_000008.10
cg14133945	1.29E-19	2.10E-21	-1.07E+01	37.7783987	-2.51E-01	60809985	60810108	NC_000011.9
cg09217157	1.29E-19	2.11E-21	-1.07E+01	37.7743338	-1.87E-01	97624891	97625014	NC_000010.10
cg13745870	1.30E-19	2.12E-21	-1.07E+01	37.7711463	-2.17E-01	57094763	57094886	NC_000003.11
cg14409810	1.30E-19	2.12E-21	-1.07E+01	37.7697232	-2.39E-01	140172908	140173031	NC_000009.11

cg05208400	1.31E-19	2.14E-21	-1.07E+01	37.7614303	-1.39E-01	227538347	227538470	NC_000002.11
cg03826564	1.31E-19	2.14E-21	-1.07E+01	37.7578928	-1.24E-01	101629310	101629433	NC_000015.9
cg13428066	1.31E-19	2.14E-21	-1.07E+01	37.7576917	-2.02E-01	2677768	2677891	NC_000011.9
cg14780649	1.31E-19	2.14E-21	-1.07E+01	37.7574926	-1.03E-01	43534197	43534320	NC_000001.10
cg16463564	1.31E-19	2.15E-21	-1.07E+01	37.7568933	-1.73E-01	41321036	41321159	NC_000017.10
cg17596359	1.31E-19	2.15E-21	-1.07E+01	37.7567595	-2.01E-01	114844124	114844247	NC_000013.10
cg26336935	1.32E-19	2.16E-21	-1.07E+01	37.7501752	-1.87E-01	39769213	39769336	NC_000017.10
cg03147838	1.33E-19	2.17E-21	-1.07E+01	37.7441348	-1.14E-01	32226935	32227058	NC_000001.10
ch.9.2043201R	1.34E-19	2.19E-21	-1.07E+01	37.7385393	-1.66E-01	128096393	128096516	NC_000009.11
cg22161562	1.34E-19	2.20E-21	-1.07E+01	37.7327242	-1.70E-01	25198596	25198719	NC_000002.11
cg02314348	1.35E-19	2.21E-21	-1.07E+01	37.729582	-2.24E-01	91224043	91224166	NC_000015.9
cg14482313	1.35E-19	2.21E-21	-1.07E+01	37.7286403	-1.11E-01	52626889	52627012	NC_000012.11
cg21669226	1.35E-19	2.21E-21	-1.07E+01	37.7284543	-2.07E-01	39917609	39917732	NC_000008.10
cg08432509	1.35E-19	2.22E-21	-1.07E+01	37.7250506	-2.14E-01	62317768	62317891	NC_000020.10
cg13311607	1.37E-19	2.25E-21	-1.07E+01	37.7114936	-9.80E-02	144451523	144451646	NC_000008.10
cg03222834	1.37E-19	2.25E-21	-1.07E+01	37.709825	-2.12E-01	13177060	13177183	NC_000016.9
cg18961281	1.37E-19	2.25E-21	-1.07E+01	37.7087959	-9.33E-02	3083773	3083896	NC_000007.13
cg24686551	1.38E-19	2.26E-21	-1.07E+01	37.7057783	-3.27E-01	134047274	134047397	NC_000003.11
cg02626929	1.38E-19	2.27E-21	-1.07E+01	37.7013992	-1.19E-01	3011661	3011784	NC_000016.9
cg10569694	1.39E-19	2.27E-21	-1.07E+01	37.6994709	-6.51E-02	5013509	5013632	NC_000007.13
cg02068689	1.39E-19	2.27E-21	-1.07E+01	37.6991655	-1.11E-01	131941464	131941587	NC_000009.11
cg02387244	1.39E-19	2.29E-21	-1.07E+01	37.6936359	-1.40E-01	746132	746255	NC_000016.9
cg27006169	1.39E-19	2.29E-21	-1.07E+01	37.6925125	-2.69E-01	85612912	85613035	NC_000004.11
cg27533700	1.40E-19	2.30E-21	-1.07E+01	37.6875834	-1.03E-01	38537683	38537806	NC_000003.11
cg05488681	1.40E-19	2.30E-21	-1.07E+01	37.6864868	-2.23E-01	74289464	74289587	NC_000006.11

cg08912801	1.41E-19	2.32E-21	-1.07E+01	37.6784248	-1.70E-01	3399260	3399383	NC_000001.10
cg05393086	1.42E-19	2.33E-21	-1.07E+01	37.6749734	-2.21E-01	5092012	5092135	NC_000016.9
cg01802532	1.42E-19	2.33E-21	-1.07E+01	37.6745965	-1.64E-01	56475905	56476028	NC_000004.11
cg08611163	1.42E-19	2.33E-21	-1.07E+01	37.6738855	-1.43E-01	6266360	6266483	NC_000001.10
cg10005270	1.43E-19	2.35E-21	-1.07E+01	37.6664379	-2.21E-01	128210036	128210159	NC_000010.10
cg17128799	1.45E-19	2.38E-21	-1.07E+01	37.6544635	-2.42E-01	2458466	2458589	NC_000001.10
cg07442907	1.45E-19	2.39E-21	-1.07E+01	37.6515372	-2.56E-01	5487958	5488081	NC_000017.10
cg18372930	1.45E-19	2.39E-21	-1.07E+01	37.6488665	-2.09E-01	137939469	137939592	NC_000005.9
cg19402314	1.47E-19	2.42E-21	-1.07E+01	37.6387418	-1.91E-01	173362434	173362557	NC_000001.10
cg14248553	1.48E-19	2.44E-21	-1.07E+01	37.6308691	-2.14E-01	201509308	201509431	NC_000001.10
cg03940103	1.49E-19	2.46E-21	-1.07E+01	37.6228303	-6.45E-02	41698823	41698946	NC_000019.9
cg23674358	1.49E-19	2.46E-21	-1.07E+01	37.6197333	-9.15E-02	22726885	22727008	NC_000010.10
cg23700125	1.49E-19	2.46E-21	-1.07E+01	37.619627	-1.01E-01	101157661	101157784	NC_000008.10
cg12272160	1.50E-19	2.48E-21	-1.07E+01	37.6145315	-2.28E-01	44062286	44062409	NC_000020.10
cg08586426	1.50E-19	2.48E-21	-1.07E+01	37.6124819	-2.33E-01	33915315	33915438	NC_000011.9
cg26448489	1.51E-19	2.50E-21	-1.07E+01	37.606878	-8.15E-02	238600469	238600592	NC_000002.11
cg14901671	1.51E-19	2.50E-21	-1.07E+01	37.6062563	-8.82E-02	70589079	70589202	NC_000017.10
cg01621390	1.51E-19	2.50E-21	-1.07E+01	37.6056359	-2.21E-01	5195150	5195273	NC_000012.11
cg22388417	1.51E-19	2.50E-21	-1.07E+01	37.605622	-2.98E-01	134657812	134657935	NC_000008.10
cg12157156	1.52E-19	2.51E-21	-1.07E+01	37.6024212	-1.92E-01	124880173	124880296	NC_000012.11
cg00069242	1.52E-19	2.51E-21	-1.07E+01	37.6015478	-1.05E-01	23450527	23450650	NC_000014.8
cg10110335	1.52E-19	2.52E-21	-1.07E+01	37.5982153	-2.58E-01	12197630	12197753	NC_000003.11
cg15528736	1.53E-19	2.53E-21	-1.07E+01	37.5932243	-1.91E-01	50015780	50015903	NC_000019.9
cg13378649	1.53E-19	2.53E-21	-1.07E+01	37.5919228	-3.16E-01	222927856	222927979	NC_000001.10
cg14963371	1.54E-19	2.54E-21	-1.07E+01	37.5895393	-1.24E-01	27719463	27719586	NC_000001.10

cg15626285	1.54E-19	2.54E-21	-1.07E+01	37.5884432	-1.80E-01	7167781	7167904	NC_000012.11
cg17117459	1.55E-19	2.56E-21	-1.07E+01	37.5830041	-2.70E-01	25085405	25085528	NC_000013.10
cg21289919	1.55E-19	2.57E-21	-1.07E+01	37.5787041	-1.98E-01	36164078	36164201	NC_000019.9
cg05624478	1.56E-19	2.58E-21	-1.07E+01	37.5754762	-2.39E-01	40574031	40574154	NC_000017.10
cg01496720	1.56E-19	2.59E-21	-1.07E+01	37.571954	-2.07E-01	3825398	3825521	NC_000010.10
cg21410633	1.56E-19	2.59E-21	-1.07E+01	37.5719365	-1.80E-01	40525679	40525802	NC_000001.10
cg25123566	1.57E-19	2.60E-21	-1.07E+01	37.5648828	-2.99E-01	47610734	47610857	NC_000012.11
cg23322242	1.59E-19	2.63E-21	-1.07E+01	37.5552242	-1.78E-01	37802565	37802688	NC_000021.8
cg23170771	1.59E-19	2.64E-21	-1.07E+01	37.5532528	-1.37E-01	157129064	157129187	NC_000007.13
cg10504885	1.59E-19	2.64E-21	-1.07E+01	37.5513562	-1.10E-01	27358363	27358486	NC_000001.10
cg21814178	1.59E-19	2.65E-21	-1.07E+01	37.5492767	-2.56E-01	51720755	51720878	NC_000012.11
cg23623251	1.60E-19	2.65E-21	-1.07E+01	37.5468226	-2.28E-01	7731280	7731403	NC_000006.11
cg06608359	1.62E-19	2.68E-21	-1.07E+01	37.5350474	-1.09E-01	28831300	28831423	NC_000006.11
cg27436264	1.62E-19	2.69E-21	-1.07E+01	37.5337382	-7.96E-02	36793608	36793731	NC_000020.10
cg02825887	1.62E-19	2.69E-21	-1.07E+01	37.5331289	-1.89E-01	34591041	34591164	NC_000009.11
cg18754389	1.63E-19	2.71E-21	-1.07E+01	37.5262054	-4.26E-02	63671126	63671249	NC_000014.8
cg05356564	1.63E-19	2.71E-21	-1.07E+01	37.5258086	-1.57E-01	21044770	21044893	NC_000001.10
cg16461134	1.63E-19	2.72E-21	-1.07E+01	37.5227518	-2.31E-01	133804886	133805009	NC_000011.9
cg26663590	1.64E-19	2.72E-21	-1.07E+01	37.5212794	-1.95E-01	28959310	28959433	NC_000016.9
cg24713667	1.64E-19	2.73E-21	-1.07E+01	37.5190214	-1.63E-01	74162063	74162186	NC_000006.11
cg25948980	1.65E-19	2.74E-21	-1.07E+01	37.5142901	-1.79E-01	76777325	76777448	NC_000011.9
cg14825555	1.65E-19	2.75E-21	-1.07E+01	37.512547	-1.77E-01	27190639	27190762	NC_000001.10
cg24335793	1.65E-19	2.75E-21	-1.07E+01	37.5112891	-1.79E-01	944752	944875	NC_000007.13
cg09272948	1.66E-19	2.76E-21	-1.07E+01	37.5064972	-2.22E-01	39958363	39958486	NC_000020.10
cg23410129	1.66E-19	2.77E-21	-1.07E+01	37.5038817	-2.01E-01	36012008	36012131	NC_000020.10

cg02630790	1.66E-19	2.77E-21	-1.07E+01	37.5036429	-1.06E-01	46570247	46570370	NC_000017.10
cg10641714	1.67E-19	2.78E-21	-1.07E+01	37.5007624	-1.41E-01	43193681	43193804	NC_000005.9
cg07143863	1.67E-19	2.79E-21	-1.07E+01	37.4980894	-2.21E-01	64954729	64954852	NC_000012.11
cg23278235	1.67E-19	2.79E-21	-1.07E+01	37.4963399	-1.86E-01	133101168	133101291	NC_000012.11
cg16711650	1.69E-19	2.82E-21	-1.07E+01	37.4876128	-1.71E-01	61039539	61039662	NC_000001.10
cg24643393	1.69E-19	2.82E-21	-1.07E+01	37.4850016	-1.89E-01	73417261	73417384	NC_000007.13
cg06359703	1.69E-19	2.82E-21	-1.07E+01	37.4845188	-1.87E-01	41847297	41847420	NC_000001.10
cg16820615	1.69E-19	2.83E-21	-1.07E+01	37.4829512	-1.97E-01	114884918	114885041	NC_000013.10
cg16931664	1.69E-19	2.83E-21	-1.07E+01	37.4825571	-1.49E-01	11169707	11169830	NC_000011.9
cg07139440	1.71E-19	2.85E-21	-1.07E+01	37.474575	-2.38E-01	151030981	151031104	NC_000001.10
cg03384000	1.71E-19	2.86E-21	-1.07E+01	37.4728006	-1.46E-01	42081948	42082071	NC_000017.10
cg22006060	1.72E-19	2.87E-21	-1.07E+01	37.4689078	-1.84E-01	170001551	170001674	NC_000004.11
cg01620309	1.72E-19	2.87E-21	-1.07E+01	37.4679843	-7.32E-02	42856469	42856592	NC_000017.10
cg27282987	1.72E-19	2.87E-21	-1.07E+01	37.4677232	-1.20E-01	127349158	127349281	NC_000003.11
cg16204717	1.73E-19	2.89E-21	-1.07E+01	37.4624733	-1.75E-01	65894458	65894581	NC_000012.11
cg03313752	1.73E-19	2.90E-21	-1.07E+01	37.4585461	-1.05E-01	77835568	77835691	NC_000015.9
ch.19.931611R	1.76E-19	2.95E-21	-1.07E+01	37.4423377	-1.19E-01	24232430	24232553	NC_000019.9
cg22370326	1.79E-19	2.99E-21	-1.07E+01	37.4263436	-1.84E-01	110373509	110373632	NC_000002.11
cg16071681	1.81E-19	3.03E-21	-1.07E+01	37.4136954	-2.82E-01	19925575	19925698	NC_000018.9
cg14691971	1.82E-19	3.05E-21	-1.07E+01	37.4090786	-2.62E-01	102300350	102300473	NC_000008.10
cg11844042	1.83E-19	3.07E-21	-1.07E+01	37.4025536	-2.11E-01	153602251	153602374	NC_000004.11
cg13714378	1.83E-19	3.07E-21	-1.07E+01	37.4021538	-2.08E-01	34702946	34703069	NC_000011.9
cg08674238	1.83E-19	3.08E-21	-1.07E+01	37.4000416	-1.31E-01	18525442	18525565	NC_000019.9
cg23172086	1.84E-19	3.08E-21	-1.07E+01	37.3974589	-2.11E-01	98129751	98129874	NC_000010.10
cg22816294	1.84E-19	3.10E-21	-1.07E+01	37.3933461	-2.01E-01	22458634	22458757	NC_000014.8

cg05357209	1.84E-19	3.10E-21	-1.07E+01	37.3927927	-2.49E-01	872208	872331	NC_000007.13
cg00290023	1.84E-19	3.10E-21	-1.07E+01	37.3926734	-1.73E-01	174962968	174963091	NC_000005.9
cg16326421	1.85E-19	3.11E-21	-1.07E+01	37.3900558	-2.29E-01	36151003	36151126	NC_000020.10
cg11001085	1.85E-19	3.12E-21	-1.07E+01	37.3868085	-2.26E-01	49940126	49940249	NC_000003.11
cg12009872	1.85E-19	3.12E-21	-1.07E+01	37.386293	-1.91E-01	51520739	51520862	NC_000015.9
cg04505972	1.87E-19	3.14E-21	-1.07E+01	37.3781733	-1.91E-01	173508040	173508163	NC_000002.11
cg00133476	1.88E-19	3.17E-21	-1.07E+01	37.3710329	-1.64E-01	80266884	80267007	NC_000017.10
cg08116711	1.88E-19	3.17E-21	-1.07E+01	37.3701888	-2.74E-01	101596218	101596341	NC_000007.13
cg05985821	1.89E-19	3.18E-21	-1.07E+01	37.3658717	-2.17E-01	328586	328709	NC_000008.10
cg24364398	1.89E-19	3.18E-21	-1.07E+01	37.3655451	-1.00E-01	86565216	86565339	NC_000002.11
cg20220678	1.91E-19	3.21E-21	-1.07E+01	37.3576678	-2.11E-01	19243209	19243332	NC_000008.10
cg14171514	1.91E-19	3.21E-21	-1.07E+01	37.3559418	-1.96E-01	62308492	62308615	NC_000011.9
cg14796755	1.91E-19	3.22E-21	-1.07E+01	37.3552997	-2.21E-01	91218263	91218386	NC_000010.10
cg01125010	1.91E-19	3.22E-21	-1.07E+01	37.3536052	-1.98E-01	76134099	76134222	NC_000017.10
cg16001384	1.91E-19	3.22E-21	-1.07E+01	37.3533829	-2.55E-01	134306801	134306924	NC_000008.10
cg11236311	1.91E-19	3.23E-21	-1.07E+01	37.3518102	-2.09E-01	105172168	105172291	NC_000007.13
cg08575883	1.92E-19	3.24E-21	-1.07E+01	37.3481929	-2.23E-01	3291355	3291478	NC_000010.10
cg05525106	1.94E-19	3.27E-21	-1.07E+01	37.3386104	-1.46E-01	74162089	74162212	NC_000006.11
cg11967592	1.95E-19	3.28E-21	-1.07E+01	37.3347179	-1.02E-01	28725406	28725529	NC_000007.13
cg11712835	1.95E-19	3.29E-21	-1.07E+01	37.3343007	-1.87E-01	201509152	201509275	NC_000001.10
cg02488653	1.96E-19	3.30E-21	-1.07E+01	37.3297282	-2.35E-01	1568987	1569110	NC_000011.9
cg03727673	1.96E-19	3.31E-21	-1.07E+01	37.3283346	-1.96E-01	21966420	21966543	NC_000001.10
cg05026393	1.96E-19	3.31E-21	-1.07E+01	37.3280555	-1.66E-01	125672795	125672918	NC_000008.10
cg12661744	1.96E-19	3.31E-21	-1.07E+01	37.3255373	-1.94E-01	112507322	112507445	NC_000010.10
cg25952192	1.97E-19	3.32E-21	-1.07E+01	37.3227484	-2.26E-01	21656374	21656497	NC_000018.9



cg03055671	1.97E-19	3.33E-21	-1.07E+01	37.3223525	-2.75E-01	172231528	172231651	NC_000003.11
cg11857033	1.97E-19	3.33E-21	-1.07E+01	37.3207822	-9.45E-02	29297552	29297675	NC_000017.10
cg07745373	1.98E-19	3.34E-21	-1.07E+01	37.3165995	-1.95E-01	58941415	58941538	NC_000011.9
cg09022993	1.98E-19	3.35E-21	-1.07E+01	37.3145393	-1.00E-01	52917875	52917998	NC_000004.11
cg05938607	1.99E-19	3.36E-21	-1.07E+01	37.3123538	-1.92E-01	60274200	60274323	NC_000010.10
cg14252164	1.99E-19	3.36E-21	-1.07E+01	37.3121357	-2.02E-01	44019598	44019721	NC_000006.11
cg02586182	1.99E-19	3.36E-21	-1.07E+01	37.3109057	-1.42E-01	102883550	102883673	NC_000010.10
cg08639339	2.00E-19	3.39E-21	-1.07E+01	37.3046224	-1.99E-01	205648336	205648459	NC_000001.10
cg06783668	2.00E-19	3.39E-21	-1.07E+01	37.3041964	-9.61E-02	71204585	71204708	NC_000002.11
cg15206445	2.00E-19	3.39E-21	-1.07E+01	37.3037944	-2.03E-01	89573312	89573435	NC_000016.9
cg15352367	2.00E-19	3.39E-21	-1.07E+01	37.3032629	-1.65E-01	36236732	36236855	NC_000022.10
cg19174643	2.01E-19	3.40E-21	-1.07E+01	37.3002675	-2.88E-01	13136426	13136549	NC_000018.9
cg15176413	2.02E-19	3.42E-21	-1.07E+01	37.2938481	-2.02E-01	4764443	4764566	NC_000007.13
cg04177148	2.03E-19	3.43E-21	-1.07E+01	37.2911526	-7.31E-02	46101987	46102110	NC_000017.10
cg00108282	2.03E-19	3.44E-21	-1.07E+01	37.2883105	-2.74E-01	845047	845170	NC_000007.13
cg08210322	2.03E-19	3.44E-21	-1.07E+01	37.2875798	-9.08E-02	231903056	231903179	NC_000002.11
cg11485451	2.04E-19	3.45E-21	-1.07E+01	37.2860159	-8.18E-02	133451240	133451363	NC_000005.9
cg06772295	2.04E-19	3.47E-21	-1.07E+01	37.2810774	-7.00E-02	24520956	24521079	NC_000014.8
cg02606840	2.05E-19	3.47E-21	-1.07E+01	37.2808163	-2.34E-01	99280930	99281053	NC_000002.11
cg26660801	2.05E-19	3.47E-21	-1.07E+01	37.2795022	-7.67E-02	20532108	20532231	NC_000013.10
cg02119927	2.06E-19	3.49E-21	-1.07E+01	37.2753789	-1.61E-01	71078141	71078264	NC_000010.10
cg13601855	2.07E-19	3.51E-21	-1.07E+01	37.268584	-1.94E-01	120190297	120190420	NC_000002.11
cg13536080	2.08E-19	3.53E-21	-1.07E+01	37.2642867	-2.29E-01	85659096	85659219	NC_000011.9
cg07841385	2.10E-19	3.56E-21	-1.06E+01	37.2545241	-1.34E-01	30687707	30687830	NC_000006.11
cg08640923	2.10E-19	3.57E-21	-1.06E+01	37.2513955	-8.98E-02	220117945	220118068	NC_000002.11

cg22699314	2.10E-19	3.57E-21	-1.06E+01	37.2513129	-2.12E-01	61847725	61847848	NC_000002.11
cg04760448	2.11E-19	3.59E-21	-1.06E+01	37.2478133	-2.64E-01	46890849	46890972	NC_000021.8
cg13856674	2.12E-19	3.60E-21	-1.06E+01	37.2430737	-1.88E-01	93722590	93722713	NC_000015.9
cg07429394	2.13E-19	3.62E-21	-1.06E+01	37.2393243	-4.34E-02	153918709	153918832	NC_000001.10
cg11701148	2.17E-19	3.69E-21	-1.06E+01	37.2201506	-2.39E-01	1993035	1993158	NC_000008.10
cg27585074	2.19E-19	3.73E-21	-1.06E+01	37.2083508	-1.85E-01	1947960	1948083	NC_000019.9
cg19803952	2.19E-19	3.73E-21	-1.06E+01	37.208344	-1.71E-01	44036136	44036259	NC_000020.10
cg24710671	2.20E-19	3.75E-21	-1.06E+01	37.2033883	-2.04E-01	45754203	45754326	NC_000021.8
cg02415029	2.21E-19	3.77E-21	-1.06E+01	37.1972395	-1.61E-01	110025642	110025765	NC_000001.10
cg23534216	2.23E-19	3.81E-21	-1.06E+01	37.1873438	-1.98E-01	102821552	102821675	NC_000010.10
cg17288102	2.24E-19	3.82E-21	-1.06E+01	37.1842264	-8.10E-02	111683471	111683594	NC_000010.10
cg23844967	2.26E-19	3.85E-21	-1.06E+01	37.1762883	-9.86E-02	43038158	43038281	NC_000002.11
cg24684077	2.26E-19	3.87E-21	-1.06E+01	37.1726069	-1.00E-01	30948712	30948835	NC_000012.11
cg03667317	2.27E-19	3.87E-21	-1.06E+01	37.1717801	-1.90E-01	145700239	145700362	NC_000008.10
cg00187380	2.27E-19	3.87E-21	-1.06E+01	37.1708502	-1.42E-01	54427384	54427507	NC_000012.11
cg22011731	2.28E-19	3.89E-21	-1.06E+01	37.1668322	-8.28E-02	126011549	126011672	NC_000008.10
cg13800005	2.29E-19	3.92E-21	-1.06E+01	37.1604129	-3.07E-01	39629290	39629413	NC_000007.13
cg14552947	2.30E-19	3.93E-21	-1.06E+01	37.1573978	-3.00E-01	28657329	28657452	NC_000010.10
cg20799268	2.30E-19	3.93E-21	-1.06E+01	37.156879	-2.52E-01	142275649	142275772	NC_000008.10
cg20928945	2.32E-19	3.97E-21	-1.06E+01	37.1456624	-3.07E-01	960411	960534	NC_000007.13
cg00328227	2.32E-19	3.98E-21	-1.06E+01	37.1451329	-2.18E-01	109204325	109204448	NC_000001.10
cg04921578	2.33E-19	3.98E-21	-1.06E+01	37.1432462	-1.93E-01	101143257	101143380	NC_000013.10
cg08422793	2.35E-19	4.02E-21	-1.06E+01	37.1341141	-2.92E-01	70051510	70051633	NC_000015.9
cg06606386	2.35E-19	4.02E-21	-1.06E+01	37.1337666	-2.44E-01	13947469	13947592	NC_000019.9
cg24917065	2.35E-19	4.03E-21	-1.06E+01	37.1319613	-2.07E-01	23418389	23418512	NC_000008.10

cg22221222	2.35E-19	4.03E-21	-1.06E+01	37.1315184	-5.99E-02	3751199	3751322	NC_000006.11
cg05447102	2.35E-19	4.04E-21	-1.06E+01	37.1302312	-2.29E-01	74185167	74185290	NC_000013.10
cg25361506	2.36E-19	4.05E-21	-1.06E+01	37.1259346	-2.45E-01	201426290	201426413	NC_000001.10
cg14207553	2.37E-19	4.06E-21	-1.06E+01	37.1237056	-1.55E-01	106071427	106071550	NC_000002.11
cg10410146	2.37E-19	4.07E-21	-1.06E+01	37.1210648	-2.38E-01	44112411	44112534	NC_000007.13
cg23367358	2.38E-19	4.08E-21	-1.06E+01	37.1195836	-2.43E-01	106043523	106043646	NC_000002.11
cg00089814	2.38E-19	4.09E-21	-1.06E+01	37.1176467	-2.29E-01	72641008	72641131	NC_000003.11
cg03505562	2.40E-19	4.12E-21	-1.06E+01	37.1103853	-5.08E-02	2077447	2077570	NC_000016.9
cg08242636	2.40E-19	4.12E-21	-1.06E+01	37.1100019	-2.36E-01	67062389	67062512	NC_000016.9
cg16499645	2.41E-19	4.13E-21	-1.06E+01	37.1071207	-1.43E-01	145654854	145654977	NC_000008.10
cg03070236	2.41E-19	4.14E-21	-1.06E+01	37.1053657	-2.85E-01	4012997	4013120	NC_000016.9
cg19009305	2.43E-19	4.17E-21	-1.06E+01	37.0985394	-1.68E-01	89181732	89181855	NC_000015.9
ch.11.125574265R	2.43E-19	4.17E-21	-1.06E+01	37.0981227	-1.02E-01	126069055	126069178	NC_000011.9
cg13668314	2.43E-19	4.17E-21	-1.06E+01	37.0975947	-2.10E-01	130692638	130692761	NC_000009.11
cg06768251	2.43E-19	4.18E-21	-1.06E+01	37.0947092	-1.47E-01	73533035	73533158	NC_000010.10
cg13656752	2.43E-19	4.19E-21	-1.06E+01	37.094159	-2.63E-01	171538334	171538457	NC_000005.9
cg15633390	2.44E-19	4.19E-21	-1.06E+01	37.0931377	-1.57E-01	99851211	99851334	NC_000004.11
cg04352977	2.44E-19	4.20E-21	-1.06E+01	37.0896223	-1.08E-01	74069885	74070008	NC_000016.9
cg03344149	2.45E-19	4.21E-21	-1.06E+01	37.0889808	-1.33E-01	28535559	28535682	NC_000013.10
cg21079719	2.45E-19	4.22E-21	-1.06E+01	37.086659	-2.54E-01	98568785	98568908	NC_000015.9
cg05621157	2.46E-19	4.23E-21	-1.06E+01	37.0836264	-1.12E-01	99404279	99404402	NC_000013.10
cg01980793	2.46E-19	4.23E-21	-1.06E+01	37.0831389	-2.40E-01	141608401	141608524	NC_000008.10
cg03897318	2.47E-19	4.26E-21	-1.06E+01	37.077763	-8.02E-02	52272844	52272967	NC_000003.11
cg19659689	2.47E-19	4.26E-21	-1.06E+01	37.0763536	-5.38E-02	66360770	66360893	NC_000011.9
cg02854937	2.49E-19	4.29E-21	-1.06E+01	37.068743	-1.39E-01	1079879	1080002	NC_000001.10

cg00908813	2.51E-19	4.32E-21	-1.06E+01	37.0630957	-2.05E-01	139464848	139464971	NC_000003.11
cg19373545	2.51E-19	4.33E-21	-1.06E+01	37.060055	-2.16E-01	36771793	36771916	NC_000001.10
ch.7.93764192R	2.53E-19	4.36E-21	-1.06E+01	37.0541112	-1.09E-01	93926256	93926379	NC_000007.13
cg14459011	2.53E-19	4.37E-21	-1.06E+01	37.0520665	-2.32E-01	103998497	103998620	NC_000004.11
cg14700707	2.55E-19	4.39E-21	-1.06E+01	37.0460489	-1.84E-01	32191840	32191963	NC_000006.11
cg12537329	2.56E-19	4.42E-21	-1.06E+01	37.0401779	-2.39E-01	113677777	113677900	NC_000013.10
cg15313320	2.57E-19	4.43E-21	-1.06E+01	37.0374872	-1.64E-01	17374127	17374250	NC_000011.9
cg00640719	2.58E-19	4.46E-21	-1.06E+01	37.0315826	-1.88E-01	70426268	70426391	NC_000016.9
cg08543966	2.59E-19	4.47E-21	-1.06E+01	37.0287992	-1.33E-01	35646150	35646273	NC_000019.9
cg21727223	2.59E-19	4.48E-21	-1.06E+01	37.027445	-1.95E-01	66755770	66755893	NC_000017.10
cg25127692	2.61E-19	4.51E-21	-1.06E+01	37.0201943	-2.24E-01	185406536	185406659	NC_000003.11
cg06980169	2.61E-19	4.51E-21	-1.06E+01	37.0191053	-1.27E-01	111127139	111127262	NC_000012.11
cg14424579	2.62E-19	4.52E-21	-1.06E+01	37.0175892	-5.69E-02	27274309	27274432	NC_000002.11
cg15711508	2.63E-19	4.55E-21	-1.06E+01	37.0120521	-2.17E-01	193432241	193432364	NC_000001.10
cg14665192	2.63E-19	4.55E-21	-1.06E+01	37.0119866	-1.39E-01	6898711	6898834	NC_000012.11
cg17209188	2.64E-19	4.57E-21	-1.06E+01	37.0080562	-2.92E-01	23387396	23387519	NC_000007.13
cg09643139	2.66E-19	4.60E-21	-1.06E+01	37.0001995	-2.86E-01	59746288	59746411	NC_000008.10
cg00698602	2.68E-19	4.64E-21	-1.06E+01	36.9925042	-2.50E-01	44481324	44481447	NC_000003.11
cg05035061	2.68E-19	4.64E-21	-1.06E+01	36.9922054	-1.76E-01	85028831	85028954	NC_000016.9
cg22236626	2.69E-19	4.65E-21	-1.06E+01	36.9895117	-6.12E-02	212606819	212606942	NC_000001.10
cg15242225	2.70E-19	4.67E-21	-1.06E+01	36.9849015	-2.64E-01	36421857	36421980	NC_000021.8
cg05675373	2.70E-19	4.68E-21	-1.06E+01	36.9827072	-2.10E-01	110754257	110754380	NC_000001.10
cg26802256	2.70E-19	4.68E-21	-1.06E+01	36.9826156	-1.45E-01	4652765	4652888	NC_000007.13
cg17549878	2.71E-19	4.70E-21	-1.06E+01	36.9796711	-1.79E-01	18280849	18280972	NC_000017.10
cg03365548	2.71E-19	4.70E-21	-1.06E+01	36.9783293	-1.52E-01	50176163	50176286	NC_000003.11

cg04140553	2.72E-19	4.71E-21	-1.06E+01	36.9765045	-1.59E-01	41962232	41962355	NC_000001.10
cg05715828	2.74E-19	4.74E-21	-1.06E+01	36.9701677	-1.58E-01	131643131	131643254	NC_000009.11
cg14072120	2.74E-19	4.76E-21	-1.06E+01	36.9666251	-1.01E-01	37640402	37640525	NC_000022.10
cg07118000	2.75E-19	4.77E-21	-1.06E+01	36.9653005	-1.92E-01	37656246	37656369	NC_000008.10
cg14014720	2.75E-19	4.77E-21	-1.06E+01	36.9647425	-1.54E-01	90113998	90114121	NC_000009.11
cg20226122	2.76E-19	4.79E-21	-1.06E+01	36.9598914	-2.45E-01	155581623	155581746	NC_000007.13
cg26015888	2.77E-19	4.80E-21	-1.06E+01	36.9581046	-1.87E-01	22352103	22352226	NC_000001.10
cg22068743	2.77E-19	4.81E-21	-1.06E+01	36.9552513	-2.40E-01	238374408	238374531	NC_000002.11
cg14283328	2.78E-19	4.83E-21	-1.06E+01	36.9519557	-1.53E-01	66823587	66823710	NC_000011.9
cg01262133	2.79E-19	4.84E-21	-1.06E+01	36.9492932	-1.41E-01	45645147	45645270	NC_000006.11
cg02735652	2.79E-19	4.85E-21	-1.06E+01	36.9475506	-9.79E-02	32226179	32226302	NC_000001.10
cg06218079	2.80E-19	4.86E-21	-1.06E+01	36.9456591	-2.89E-01	80834228	80834351	NC_000017.10
cg27113419	2.80E-19	4.87E-21	-1.06E+01	36.9445095	-2.19E-01	58533979	58534102	NC_000016.9
cg22828110	2.82E-19	4.90E-21	-1.06E+01	36.9378148	-2.27E-01	75919242	75919365	NC_000005.9
cg18031270	2.83E-19	4.91E-21	-1.06E+01	36.9352211	-1.34E-01	42444187	42444310	NC_000019.9
cg02760939	2.83E-19	4.93E-21	-1.06E+01	36.9325082	-1.13E-01	41985144	41985267	NC_000017.10
cg19009471	2.84E-19	4.94E-21	-1.06E+01	36.9301198	-2.43E-01	101908998	101909121	NC_000014.8
cg04370247	2.86E-19	4.98E-21	-1.06E+01	36.9214509	-2.33E-01	126308552	126308675	NC_000010.10
cg16636692	2.88E-19	5.01E-21	-1.06E+01	36.9154826	-6.06E-02	27115249	27115372	NC_000006.11
cg19221369	2.88E-19	5.02E-21	-1.06E+01	36.9144519	-1.10E-01	109618856	109618979	NC_000001.10
cg04600055	2.90E-19	5.04E-21	-1.06E+01	36.9095993	-1.23E-01	102092805	102092928	NC_000008.10
cg04540406	2.91E-19	5.07E-21	-1.06E+01	36.9043918	-2.04E-01	46655675	46655798	NC_000016.9
cg24185397	2.91E-19	5.07E-21	-1.06E+01	36.9035615	-9.97E-02	25659609	25659732	NC_000017.10
cg01458495	2.96E-19	5.15E-21	-1.06E+01	36.8882334	-1.99E-01	48310544	48310667	NC_000003.11
cg23108728	2.96E-19	5.15E-21	-1.06E+01	36.8876873	-6.38E-02	220117875	220117998	NC_000002.11

cg05681076	2.96E-19	5.16E-21	-1.06E+01	36.8874268	-1.38E-01	175066987	175067110	NC_000005.9
cg13065121	2.96E-19	5.17E-21	-1.06E+01	36.8845191	-9.39E-02	204159498	204159621	NC_000001.10
ch.9.2473665R	2.97E-19	5.19E-21	-1.06E+01	36.8814183	-7.99E-02	139311799	139311922	NC_000009.11
cg02215357	2.99E-19	5.21E-21	-1.06E+01	36.8762618	-1.70E-01	53191046	53191169	NC_000013.10
ch.11.1133244F	2.99E-19	5.21E-21	-1.06E+01	36.8761436	-1.30E-01	59573526	59573649	NC_000011.9
cg04338890	2.99E-19	5.22E-21	-1.06E+01	36.8754738	-2.08E-01	57019755	57019878	NC_000016.9
cg04910041	3.01E-19	5.25E-21	-1.06E+01	36.8694957	-1.87E-01	22877791	22877914	NC_000008.10
cg23398508	3.01E-19	5.26E-21	-1.06E+01	36.8669191	-1.76E-01	70536199	70536322	NC_000017.10
cg07999953	3.01E-19	5.26E-21	-1.06E+01	36.8665979	-2.33E-01	35249327	35249450	NC_000001.10
cg22382836	3.04E-19	5.31E-21	-1.06E+01	36.8572916	-1.90E-01	723036	723159	NC_000019.9
cg22221320	3.05E-19	5.33E-21	-1.06E+01	36.8539668	-1.31E-01	89664340	89664463	NC_000001.10
cg24688248	3.07E-19	5.37E-21	-1.06E+01	36.8467768	-5.81E-02	73976389	73976512	NC_000015.9
cg10584986	3.10E-19	5.42E-21	-1.06E+01	36.8370028	-1.83E-01	29825929	29826052	NC_000015.9
cg18735402	3.12E-19	5.46E-21	-1.06E+01	36.8296014	-1.65E-01	46181330	46181453	NC_000019.9
cg06535396	3.12E-19	5.47E-21	-1.06E+01	36.8292295	-8.89E-02	180631143	180631266	NC_000005.9
cg22202558	3.13E-19	5.48E-21	-1.06E+01	36.8265961	-2.13E-01	101500303	101500426	NC_000007.13
cg03393040	3.16E-19	5.53E-21	-1.06E+01	36.8177576	-1.23E-01	113587340	113587463	NC_000012.11
cg26648579	3.16E-19	5.53E-21	-1.06E+01	36.8171535	-1.89E-01	604802	604925	NC_000016.9
ch.12.1173053R	3.16E-19	5.54E-21	-1.06E+01	36.816008	-9.90E-02	56532803	56532926	NC_000012.11
cg11293828	3.17E-19	5.55E-21	-1.06E+01	36.8150913	-1.89E-01	3598335	3598458	NC_000012.11
cg11468953	3.17E-19	5.55E-21	-1.06E+01	36.8147814	-1.87E-01	48034953	48035076	NC_000011.9
cg07012999	3.18E-19	5.57E-21	-1.06E+01	36.8106949	-9.38E-02	46692446	46692569	NC_000022.10
cg27658026	3.18E-19	5.57E-21	-1.06E+01	36.8106462	-1.79E-01	105239085	105239208	NC_000010.10
cg09327847	3.18E-19	5.58E-21	-1.06E+01	36.8093843	-1.45E-01	24087793	24087916	NC_000016.9
cg19893585	3.19E-19	5.58E-21	-1.06E+01	36.8083206	-2.04E-01	145025064	145025187	NC_000008.10

cg24127989	3.20E-19	5.61E-21	-1.06E+01	36.803354	-1.71E-01	128049508	128049631	NC_000007.13
cg02408775	3.20E-19	5.62E-21	-1.06E+01	36.8021617	-1.68E-01	48206848	48206971	NC_000012.11
cg05392440	3.20E-19	5.62E-21	-1.06E+01	36.8017684	-1.83E-01	2478653	2478776	NC_000001.10
cg19750282	3.24E-19	5.69E-21	-1.06E+01	36.7892207	-1.11E-01	43670519	43670642	NC_000006.11
cg08231648	3.24E-19	5.69E-21	-1.06E+01	36.7886913	-1.84E-01	235011814	235011937	NC_000001.10
cg05734675	3.24E-19	5.70E-21	-1.06E+01	36.788375	-1.95E-01	537033	537156	NC_000010.10
cg05019423	3.26E-19	5.73E-21	-1.06E+01	36.7830692	-1.14E-01	105330230	105330353	NC_000014.8
cg24435571	3.26E-19	5.73E-21	-1.06E+01	36.7830649	-3.06E-01	104436140	104436263	NC_000010.10
cg09546258	3.27E-19	5.74E-21	-1.06E+01	36.7804653	-1.18E-01	68444995	68445118	NC_000011.9
cg19477977	3.27E-19	5.75E-21	-1.06E+01	36.7800006	-2.05E-01	235599692	235599815	NC_000002.11
cg23450938	3.29E-19	5.78E-21	-1.06E+01	36.7731858	-1.61E-01	102972792	102972915	NC_000002.11
cg10979364	3.32E-19	5.84E-21	-1.06E+01	36.764326	-1.97E-01	14038630	14038753	NC_000005.9
cg19996355	3.33E-19	5.85E-21	-1.06E+01	36.7614798	-9.43E-02	19729375	19729498	NC_000019.9
cg04931383	3.33E-19	5.85E-21	-1.06E+01	36.7613939	-1.27E-01	37978731	37978854	NC_000004.11
cg19802929	3.34E-19	5.88E-21	-1.06E+01	36.7577983	-2.21E-01	32396820	32396943	NC_000014.8
cg25338818	3.36E-19	5.91E-21	-1.06E+01	36.7521648	-2.51E-01	10417268	10417391	NC_000018.9
cg00839584	3.37E-19	5.93E-21	-1.06E+01	36.748578	-1.72E-01	113542091	113542214	NC_000002.11
cg08227583	3.38E-19	5.96E-21	-1.06E+01	36.744115	-1.65E-01	2118566	2118689	NC_000011.9
cg23452752	3.38E-19	5.96E-21	-1.06E+01	36.7440268	-1.65E-01	10572946	10573069	NC_000002.11
cg07211259	3.39E-19	5.97E-21	-1.06E+01	36.7421013	-2.56E-01	5510497	5510620	NC_000009.11
cg26666921	3.39E-19	5.97E-21	-1.06E+01	36.7416975	-5.17E-02	47088009	47088132	NC_000018.9
cg19889066	3.40E-19	5.98E-21	-1.06E+01	36.7399323	-2.37E-01	74330425	74330548	NC_000005.9
cg18773937	3.40E-19	5.99E-21	-1.06E+01	36.7387316	-2.25E-01	113594611	113594734	NC_000002.11
cg19867579	3.41E-19	6.02E-21	-1.06E+01	36.7340749	-2.36E-01	175643491	175643614	NC_000002.11
cg16439512	3.42E-19	6.02E-21	-1.06E+01	36.733168	-1.02E-01	57598924	57599047	NC_000015.9

cg12560128	3.47E-19	6.12E-21	-1.06E+01	36.7174007	-2.75E-01	113416061	113416184	NC_000012.11
cg20300541	3.48E-19	6.15E-21	-1.06E+01	36.7130296	-2.19E-01	15295802	15295925	NC_000017.10
cg01308827	3.48E-19	6.15E-21	-1.06E+01	36.7129797	-2.62E-01	36132627	36132750	NC_000019.9
cg06277638	3.50E-19	6.18E-21	-1.06E+01	36.7072388	-1.82E-01	195424838	195424961	NC_000003.11
cg16015285	3.50E-19	6.19E-21	-1.06E+01	36.7064544	-2.10E-01	127583661	127583784	NC_000008.10
cg19981409	3.51E-19	6.20E-21	-1.06E+01	36.7041129	-2.27E-01	89225042	89225165	NC_000011.9
cg12229082	3.51E-19	6.21E-21	-1.06E+01	36.703144	-1.90E-01	150721650	150721773	NC_000007.13
cg03625627	3.52E-19	6.22E-21	-1.06E+01	36.701646	-6.66E-02	31687370	31687493	NC_000022.10
cg00586537	3.54E-19	6.25E-21	-1.06E+01	36.6967486	-7.44E-02	67571354	67571477	NC_000016.9
cg12340503	3.54E-19	6.26E-21	-1.06E+01	36.695295	-2.18E-01	128212805	128212928	NC_000011.9
cg01340312	3.55E-19	6.28E-21	-1.06E+01	36.6918264	-1.45E-01	30687511	30687634	NC_000006.11
cg05350293	3.56E-19	6.29E-21	-1.06E+01	36.6900627	-1.28E-01	89119002	89119125	NC_000016.9
cg09550909	3.56E-19	6.30E-21	-1.06E+01	36.6880735	-2.02E-01	36949957	36950080	NC_000003.11
cg12024969	3.58E-19	6.33E-21	-1.06E+01	36.6842254	-1.08E-01	6768022	6768145	NC_000019.9
cg27491887	3.58E-19	6.34E-21	-1.06E+01	36.6826339	-2.27E-01	2554583	2554706	NC_000011.9
cg09862072	3.62E-19	6.40E-21	-1.06E+01	36.6729426	-9.61E-02	161993364	161993487	NC_000001.10
cg09504873	3.63E-19	6.42E-21	-1.06E+01	36.6694936	-2.13E-01	66774626	66774749	NC_000016.9
cg13787850	3.63E-19	6.42E-21	-1.06E+01	36.6690741	-1.85E-01	102195951	102196074	NC_000009.11
cg16609966	3.67E-19	6.51E-21	-1.06E+01	36.6564439	-1.90E-01	88121781	88121904	NC_000016.9
cg24226281	3.67E-19	6.51E-21	-1.06E+01	36.6563923	-8.34E-02	1862341	1862464	NC_000019.9
cg01184784	3.68E-19	6.51E-21	-1.06E+01	36.6555545	-1.29E-01	8823756	8823879	NC_000002.11
cg19543867	3.68E-19	6.51E-21	-1.06E+01	36.6552418	-2.78E-01	112124979	112125102	NC_000007.13
cg21335012	3.69E-19	6.54E-21	-1.06E+01	36.6514657	-2.25E-01	30496325	30496448	NC_000002.11
cg19310786	3.69E-19	6.54E-21	-1.06E+01	36.6508006	-6.86E-02	57582371	57582494	NC_000020.10
cg16068063	3.71E-19	6.57E-21	-1.06E+01	36.6467471	-7.90E-02	43640131	43640254	NC_000021.8



cg05864433	3.71E-19	6.57E-21	-1.06E+01	36.6463101	-1.30E-01	2738728	2738851	NC_000007.13
cg00360794	3.72E-19	6.59E-21	-1.06E+01	36.643645	-1.52E-01	41803850	41803973	NC_000015.9
cg26403843	3.72E-19	6.61E-21	-1.06E+01	36.6414026	-2.91E-01	158634085	158634208	NC_000005.9
cg02219601	3.72E-19	6.61E-21	-1.06E+01	36.6406818	-2.34E-01	35835511	35835634	NC_000014.8
cg02789515	3.72E-19	6.61E-21	-1.06E+01	36.6405793	-2.92E-01	25620677	25620800	NC_000017.10
cg25628433	3.75E-19	6.66E-21	-1.06E+01	36.6340563	-1.86E-01	101541328	101541451	NC_000002.11
cg16965552	3.75E-19	6.67E-21	-1.06E+01	36.6326339	-2.33E-01	48937016	48937139	NC_000001.10
cg03283990	3.77E-19	6.69E-21	-1.06E+01	36.6288628	-2.04E-01	35129641	35129764	NC_000015.9
cg26779608	3.77E-19	6.69E-21	-1.06E+01	36.6285585	-9.03E-02	190474477	190474600	NC_000004.11
cg05626664	3.78E-19	6.72E-21	-1.06E+01	36.6250962	-2.29E-01	208394231	208394354	NC_000001.10
cg09218076	3.78E-19	6.73E-21	-1.06E+01	36.6235859	-2.43E-01	73248514	73248637	NC_000014.8
cg27004870	3.79E-19	6.74E-21	-1.06E+01	36.6220283	-1.67E-01	88850384	88850507	NC_000016.9
cg18195165	3.83E-19	6.81E-21	-1.06E+01	36.6114085	-2.05E-01	5549570	5549693	NC_000007.13
cg24667603	3.83E-19	6.82E-21	-1.06E+01	36.6092077	-2.39E-01	96590566	96590689	NC_000015.9
cg26066724	3.83E-19	6.83E-21	-1.06E+01	36.6089166	-1.87E-01	104355829	104355952	NC_000014.8
cg11926776	3.84E-19	6.84E-21	-1.06E+01	36.6063413	-1.25E-01	75863530	75863653	NC_000011.9
cg08831594	3.85E-19	6.86E-21	-1.06E+01	36.6038527	-9.87E-02	71211006	71211129	NC_000010.10
cg23830937	3.87E-19	6.90E-21	-1.06E+01	36.5983291	-8.55E-02	145115827	145115950	NC_000008.10
cg18982625	3.88E-19	6.91E-21	-1.06E+01	36.5974293	-1.26E-01	43485660	43485783	NC_000022.10
cg01354782	3.89E-19	6.93E-21	-1.06E+01	36.5941924	-2.33E-01	26522758	26522881	NC_000012.11
cg05687563	3.89E-19	6.93E-21	-1.06E+01	36.5934338	-9.44E-02	2837658	2837781	NC_000016.9
cg23076913	3.91E-19	6.97E-21	-1.06E+01	36.5887961	-2.25E-01	24435582	24435705	NC_000001.10
cg01347048	3.91E-19	6.98E-21	-1.06E+01	36.5867576	-1.94E-01	104387773	104387896	NC_000010.10
cg25131452	3.92E-19	7.00E-21	-1.05E+01	36.5840028	-2.29E-01	22351735	22351858	NC_000001.10
cg01880463	3.94E-19	7.03E-21	-1.05E+01	36.5799593	-1.88E-01	45179413	45179536	NC_000020.10

cg16393012	3.94E-19	7.04E-21	-1.05E+01	36.5788994	-1.93E-01	15114387	15114510	NC_000012.11
cg02399008	3.96E-19	7.07E-21	-1.05E+01	36.5739954	-2.09E-01	102464353	102464476	NC_000008.10
cg22354646	3.96E-19	7.07E-21	-1.05E+01	36.573596	-1.95E-01	58550723	58550846	NC_000003.11
ch.12.2647993F	3.99E-19	7.13E-21	-1.05E+01	36.5657851	-9.63E-02	124837365	124837488	NC_000012.11
cg26215727	3.99E-19	7.13E-21	-1.05E+01	36.565189	-1.82E-01	6485537	6485660	NC_000012.11
cg00822241	4.00E-19	7.14E-21	-1.05E+01	36.5640709	-1.63E-01	49201468	49201591	NC_000019.9
cg00937742	4.00E-19	7.14E-21	-1.05E+01	36.5638197	-1.89E-01	133429299	133429422	NC_000002.11
cg15202500	4.02E-19	7.18E-21	-1.05E+01	36.5583186	-1.52E-01	78063693	78063816	NC_000010.10
cg25432300	4.02E-19	7.19E-21	-1.05E+01	36.5578827	-2.21E-01	90508265	90508388	NC_000005.9
cg01845036	4.02E-19	7.19E-21	-1.05E+01	36.5573646	-2.17E-01	141852077	141852200	NC_000005.9
cg13393476	4.05E-19	7.23E-21	-1.05E+01	36.5513275	-2.28E-01	39894666	39894789	NC_000019.9
cg15302379	4.05E-19	7.25E-21	-1.05E+01	36.549441	-2.14E-01	102821848	102821971	NC_000010.10
cg14575790	4.07E-19	7.28E-21	-1.05E+01	36.5450725	-2.17E-01	3984975	3985098	NC_000010.10
cg04914221	4.08E-19	7.30E-21	-1.05E+01	36.5421396	-2.50E-01	63116514	63116637	NC_000015.9
cg17842822	4.09E-19	7.31E-21	-1.05E+01	36.5406421	-2.28E-01	1310485	1310608	NC_000006.11
cg16316624	4.11E-19	7.36E-21	-1.05E+01	36.5341368	-1.45E-01	61159649	61159772	NC_000011.9
cg09077096	4.14E-19	7.41E-21	-1.05E+01	36.5269565	-3.05E-01	3033798	3033921	NC_000007.13
cg22713900	4.15E-19	7.42E-21	-1.05E+01	36.5256893	-1.34E-01	41803592	41803715	NC_000015.9
cg22985785	4.15E-19	7.42E-21	-1.05E+01	36.5256058	-1.81E-01	22352096	22352219	NC_000001.10
cg09354380	4.17E-19	7.46E-21	-1.05E+01	36.5209621	-1.54E-01	106258324	106258447	NC_000006.11
cg11838152	4.19E-19	7.50E-21	-1.05E+01	36.5157911	-3.03E-01	102359110	102359233	NC_000013.10
cg10728473	4.21E-19	7.54E-21	-1.05E+01	36.5108162	-2.11E-01	197226514	197226637	NC_000003.11
cg19772907	4.21E-19	7.54E-21	-1.05E+01	36.5101322	-1.15E-01	45985566	45985689	NC_000020.10
cg15118665	4.21E-19	7.55E-21	-1.05E+01	36.5090424	-1.04E-01	144451924	144452047	NC_000008.10
cg11606195	4.22E-19	7.56E-21	-1.05E+01	36.507675	-2.51E-01	124145110	124145233	NC_000012.11

cg14537533	4.24E-19	7.60E-21	-1.05E+01	36.502828	-1.21E-01	52626904	52627027	NC_000012.11
cg01619846	4.24E-19	7.60E-21	-1.05E+01	36.5027903	-2.19E-01	4911475	4911598	NC_000019.9
cg10130900	4.24E-19	7.60E-21	-1.05E+01	36.5021196	-1.20E-01	68003410	68003533	NC_000016.9
cg23813313	4.25E-19	7.62E-21	-1.05E+01	36.4995517	-9.34E-02	26572433	26572556	NC_000006.11
cg23320056	4.26E-19	7.64E-21	-1.05E+01	36.4970411	-1.60E-01	155948742	155948865	NC_000001.10
cg06280807	4.28E-19	7.68E-21	-1.05E+01	36.4926537	-2.62E-01	201831749	201831872	NC_000002.11
cg24709951	4.29E-19	7.69E-21	-1.05E+01	36.4903676	-2.27E-01	73033009	73033132	NC_000017.10
cg03592763	4.29E-19	7.70E-21	-1.05E+01	36.4893563	-1.29E-01	142377303	142377426	NC_000008.10
cg13552026	4.32E-19	7.76E-21	-1.05E+01	36.4819012	-2.05E-01	91369283	91369406	NC_000009.11
cg05506147	4.38E-19	7.87E-21	-1.05E+01	36.4678721	-2.08E-01	95950118	95950241	NC_000005.9
cg01117384	4.40E-19	7.90E-21	-1.05E+01	36.463608	-1.82E-01	56274096	56274219	NC_000020.10
cg27355141	4.40E-19	7.90E-21	-1.05E+01	36.4635432	-1.58E-01	80190136	80190259	NC_000017.10
cg07622193	4.41E-19	7.93E-21	-1.05E+01	36.460279	-1.39E-01	42701920	42702043	NC_000019.9
cg08428292	4.46E-19	8.03E-21	-1.05E+01	36.4479428	-2.06E-01	85981373	85981496	NC_000016.9
cg01094950	4.48E-19	8.06E-21	-1.05E+01	36.4436565	-6.36E-02	43455097	43455220	NC_000002.11
cg15581944	4.49E-19	8.08E-21	-1.05E+01	36.4420881	-2.21E-01	35551852	35551975	NC_000011.9
cg26187123	4.49E-19	8.09E-21	-1.05E+01	36.4408306	-1.01E-01	211496981	211497104	NC_000001.10
cg04111789	4.50E-19	8.11E-21	-1.05E+01	36.4381849	-2.84E-01	41908262	41908385	NC_000006.11
cg09984392	4.52E-19	8.14E-21	-1.05E+01	36.4337472	-1.42E-01	126011784	126011907	NC_000008.10
cg21018997	4.54E-19	8.18E-21	-1.05E+01	36.4292215	-2.21E-01	59572908	59573031	NC_000017.10
cg19571293	4.55E-19	8.19E-21	-1.05E+01	36.4281131	-5.60E-02	1028488	1028611	NC_000019.9
cg06028808	4.56E-19	8.21E-21	-1.05E+01	36.4259659	-2.13E-01	68637592	68637715	NC_000011.9
cg21408813	4.60E-19	8.30E-21	-1.05E+01	36.4152628	-1.89E-01	52736798	52736921	NC_000013.10
cg23680821	4.61E-19	8.32E-21	-1.05E+01	36.4132384	-1.65E-01	109204316	109204439	NC_000001.10
cg14643264	4.62E-19	8.34E-21	-1.05E+01	36.4105222	-2.64E-01	27408242	27408365	NC_000009.11

cg23983208	4.63E-19	8.36E-21	-1.05E+01	36.4081655	-1.12E-01	73565812	73565935	NC_000010.10
cg26142490	4.65E-19	8.38E-21	-1.05E+01	36.4051643	-2.41E-01	27070113	27070236	NC_000010.10
cg15646741	4.66E-19	8.41E-21	-1.05E+01	36.4023484	-2.50E-01	208021736	208021859	NC_000001.10
cg02792602	4.70E-19	8.49E-21	-1.05E+01	36.3929461	-9.21E-02	218808859	218808982	NC_000002.11
cg00874055	4.72E-19	8.53E-21	-1.05E+01	36.3881779	-1.81E-01	236306673	236306796	NC_000001.10
cg26874999	4.72E-19	8.53E-21	-1.05E+01	36.3879215	-2.29E-01	69107290	69107413	NC_000016.9
cg20346503	4.76E-19	8.59E-21	-1.05E+01	36.3807857	-2.33E-01	128994402	128994525	NC_000002.11
cg11306361	4.76E-19	8.60E-21	-1.05E+01	36.3799686	-1.39E-01	36649077	36649200	NC_000022.10
cg18776708	4.78E-19	8.64E-21	-1.05E+01	36.3754308	-1.39E-01	133007715	133007838	NC_000012.11
cg07739927	4.79E-19	8.65E-21	-1.05E+01	36.3738233	-2.21E-01	62778162	62778285	NC_000017.10
cg24561305	4.79E-19	8.65E-21	-1.05E+01	36.3737263	-1.61E-01	29149132	29149255	NC_000013.10
cg24624505	4.83E-19	8.73E-21	-1.05E+01	36.365499	-2.77E-01	69972248	69972371	NC_000017.10
cg04223606	4.84E-19	8.74E-21	-1.05E+01	36.363523	-5.50E-02	10532886	10533009	NC_000001.10
cg00929606	4.84E-19	8.74E-21	-1.05E+01	36.3632638	-1.04E-01	99680280	99680403	NC_000007.13
cg15350661	4.88E-19	8.83E-21	-1.05E+01	36.3533537	-1.69E-01	322641	322764	NC_000012.11
cg01726448	4.89E-19	8.85E-21	-1.05E+01	36.3516261	-2.18E-01	1604448	1604571	NC_000007.13
cg14399183	4.91E-19	8.89E-21	-1.05E+01	36.346781	-2.13E-01	124048308	124048431	NC_000009.11
cg22322277	4.92E-19	8.91E-21	-1.05E+01	36.3446813	-2.46E-01	75459158	75459281	NC_000006.11
cg09648727	4.95E-19	8.97E-21	-1.05E+01	36.3385872	-1.69E-01	79361742	79361865	NC_000017.10
cg14607660	4.96E-19	8.98E-21	-1.05E+01	36.3370072	-2.14E-01	36738765	36738888	NC_000009.11
cg25649765	4.96E-19	8.99E-21	-1.05E+01	36.3363569	-2.37E-01	11672761	11672884	NC_000002.11
cg26983198	4.97E-19	9.00E-21	-1.05E+01	36.3348655	-1.30E-01	1952756	1952879	NC_000011.9
cg13809441	5.00E-19	9.07E-21	-1.05E+01	36.3272255	-1.37E-01	6737631	6737754	NC_000006.11
cg25947970	5.01E-19	9.09E-21	-1.05E+01	36.3251866	-2.17E-01	186220484	186220607	NC_000003.11
cg25462858	5.03E-19	9.12E-21	-1.05E+01	36.3213028	-1.32E-01	105032988	105033111	NC_000010.10

cg16122628	5.03E-19	9.13E-21	-1.05E+01	36.3208264	-1.87E-01	3749968	3750091	NC_000006.11
cg04438395	5.03E-19	9.13E-21	-1.05E+01	36.3208085	-2.11E-01	132200182	132200305	NC_000010.10
cg04464085	5.03E-19	9.13E-21	-1.05E+01	36.3200492	-9.96E-02	30923327	30923450	NC_000006.11
cg12080675	5.04E-19	9.14E-21	-1.05E+01	36.3189202	-1.19E-01	179335223	179335346	NC_000005.9
cg23679615	5.13E-19	9.32E-21	-1.05E+01	36.299753	-1.88E-01	31127159	31127282	NC_000006.11
cg14337844	5.14E-19	9.33E-21	-1.05E+01	36.298602	-7.07E-02	99740585	99740708	NC_000014.8
cg22834542	5.14E-19	9.35E-21	-1.05E+01	36.2972359	-2.75E-01	88288530	88288653	NC_000011.9
cg25349729	5.21E-19	9.47E-21	-1.05E+01	36.2845278	-2.54E-01	214560352	214560475	NC_000001.10
cg27097386	5.21E-19	9.47E-21	-1.05E+01	36.2838599	-2.24E-01	96400610	96400733	NC_000015.9
cg10371155	5.21E-19	9.48E-21	-1.05E+01	36.283182	-2.55E-01	37561101	37561224	NC_000017.10
cg03048314	5.24E-19	9.53E-21	-1.05E+01	36.2783356	-6.06E-02	19970337	19970460	NC_000001.10
cg26705724	5.27E-19	9.59E-21	-1.05E+01	36.271802	-2.02E-01	41061984	41062107	NC_000015.9
cg11100933	5.28E-19	9.62E-21	-1.05E+01	36.2691629	-1.27E-01	1174646	1174769	NC_000005.9
cg08804626	5.28E-19	9.62E-21	-1.05E+01	36.2686512	-2.77E-01	1953086	1953209	NC_000006.11
cg27022584	5.29E-19	9.64E-21	-1.05E+01	36.2669256	-1.81E-01	79071378	79071501	NC_000017.10
cg21208682	5.33E-19	9.71E-21	-1.05E+01	36.2597111	-2.66E-01	141608434	141608557	NC_000008.10
cg01792640	5.37E-19	9.78E-21	-1.05E+01	36.2527682	-1.72E-01	195600916	195601039	NC_000003.11
cg23586595	5.39E-19	9.83E-21	-1.05E+01	36.247295	-2.83E-01	84034390	84034513	NC_000004.11
cg10122294	5.42E-19	9.87E-21	-1.05E+01	36.2428482	-2.54E-01	231765076	231765199	NC_000001.10
cg20610950	5.43E-19	9.89E-21	-1.05E+01	36.2407298	-2.47E-01	75096202	75096325	NC_000017.10
cg27499185	5.48E-19	1.00E-20	-1.05E+01	36.2301897	-1.68E-01	6138355	6138478	NC_000019.9
cg07355688	5.54E-19	1.01E-20	-1.05E+01	36.2189521	-1.36E-01	129246718	129246841	NC_000011.9
cg11861562	5.56E-19	1.02E-20	-1.05E+01	36.2152452	-2.00E-01	117069780	117069903	NC_000011.9
cg01483139	5.58E-19	1.02E-20	-1.05E+01	36.2124315	-2.32E-01	187549458	187549581	NC_000004.11
cg08514385	5.58E-19	1.02E-20	-1.05E+01	36.2121979	-2.58E-01	32596585	32596708	NC_000013.10

cg24554151	5.58E-19	1.02E-20	-1.05E+01	36.2116864	-2.41E-01	93885823	93885946	NC_000011.9
cg09861057	5.59E-19	1.02E-20	-1.05E+01	36.2102314	-2.08E-01	154492947	154493070	NC_000001.10
cg00761125	5.61E-19	1.02E-20	-1.05E+01	36.2057911	-2.75E-01	96590115	96590238	NC_000012.11
cg08415592	5.62E-19	1.03E-20	-1.05E+01	36.2041429	-2.23E-01	36648973	36649096	NC_000022.10
cg02532700	5.62E-19	1.03E-20	-1.05E+01	36.2039836	-2.51E-01	37257404	37257527	NC_000022.10
cg20878275	5.63E-19	1.03E-20	-1.05E+01	36.2014067	-1.13E-01	6918840	6918963	NC_000017.10
cg02074956	5.65E-19	1.03E-20	-1.05E+01	36.1980871	-1.78E-01	4730657	4730780	NC_000016.9
cg11947493	5.65E-19	1.03E-20	-1.05E+01	36.197325	-9.26E-02	23021515	23021638	NC_000008.10
cg13924974	5.67E-19	1.04E-20	-1.05E+01	36.1948466	-1.52E-01	12656824	12656947	NC_000018.9
cg03935872	5.69E-19	1.04E-20	-1.05E+01	36.190346	-6.43E-02	17935919	17936042	NC_000002.11
cg00199753	5.70E-19	1.04E-20	-1.05E+01	36.1887039	-2.14E-01	113519288	113519411	NC_000012.11
cg19763108	5.70E-19	1.04E-20	-1.05E+01	36.187474	-2.34E-01	24187579	24187702	NC_000003.11
cg00349607	5.79E-19	1.06E-20	-1.05E+01	36.1725348	-1.46E-01	39546688	39546811	NC_000001.10
cg18564686	5.85E-19	1.07E-20	-1.05E+01	36.1627431	-2.18E-01	10169675	10169798	NC_000002.11
cg00339913	5.85E-19	1.07E-20	-1.05E+01	36.1624622	-1.98E-01	22085227	22085350	NC_000008.10
cg25450033	5.85E-19	1.07E-20	-1.05E+01	36.1618943	-1.25E-01	14444658	14444781	NC_000019.9
ch.7.2902493F	5.95E-19	1.09E-20	-1.05E+01	36.1451779	-9.65E-02	138945421	138945544	NC_000007.13
cg06639053	5.98E-19	1.10E-20	-1.05E+01	36.1401283	-2.41E-01	111837470	111837593	NC_000012.11
cg18010348	5.99E-19	1.10E-20	-1.05E+01	36.1375406	-2.61E-01	129154745	129154868	NC_000011.9
cg10130564	6.00E-19	1.10E-20	-1.05E+01	36.1352486	-2.04E-01	117069849	117069972	NC_000011.9
cg00328720	6.01E-19	1.10E-20	-1.05E+01	36.1334016	-2.42E-01	28562890	28563013	NC_000008.10
cg08595656	6.02E-19	1.10E-20	-1.05E+01	36.1317817	-1.69E-01	17723733	17723856	NC_000004.11
cg03221483	6.03E-19	1.11E-20	-1.05E+01	36.1299215	-2.28E-01	75315081	75315204	NC_000017.10
cg26688993	6.03E-19	1.11E-20	-1.05E+01	36.1298684	-1.93E-01	39235001	39235124	NC_000003.11
cg01766718	6.06E-19	1.11E-20	-1.05E+01	36.1257068	-2.51E-01	86313851	86313974	NC_000015.9

cg18795955	6.07E-19	1.11E-20	-1.05E+01	36.1226915	-7.29E-02	31126736	31126859	NC_000006.11
cg26249450	6.07E-19	1.12E-20	-1.05E+01	36.1222208	-8.11E-02	36355732	36355855	NC_000006.11
cg27222669	6.08E-19	1.12E-20	-1.05E+01	36.1218555	-1.68E-01	48711658	48711781	NC_000017.10
cg06257132	6.09E-19	1.12E-20	-1.05E+01	36.1198989	-7.52E-02	71558461	71558584	NC_000002.11
cg14534848	6.12E-19	1.12E-20	-1.05E+01	36.1148859	-2.25E-01	139892531	139892654	NC_000009.11
cg02185971	6.14E-19	1.13E-20	-1.05E+01	36.1109745	-8.45E-02	6388334	6388457	NC_000007.13
cg14796565	6.14E-19	1.13E-20	-1.05E+01	36.1104872	-7.67E-02	911369	911492	NC_000011.9
cg05312962	6.14E-19	1.13E-20	-1.05E+01	36.1100117	-1.90E-01	2576254	2576377	NC_000019.9
cg05508862	6.17E-19	1.13E-20	-1.05E+01	36.1060656	-1.41E-01	18885437	18885560	NC_000017.10
cg07797853	6.22E-19	1.14E-20	-1.05E+01	36.096663	-1.59E-01	41472032	41472155	NC_000006.11
cg06913345	6.22E-19	1.14E-20	-1.05E+01	36.0959846	-2.49E-01	161253423	161253546	NC_000002.11
cg14420953	6.23E-19	1.15E-20	-1.05E+01	36.0953999	-2.56E-01	36558154	36558277	NC_000006.11
cg13781956	6.29E-19	1.16E-20	-1.05E+01	36.0840946	-1.63E-01	117826025	117826148	NC_000009.11
cg13120756	6.30E-19	1.16E-20	-1.05E+01	36.0829525	-1.96E-01	42386950	42387073	NC_000017.10
cg05028773	6.32E-19	1.16E-20	-1.05E+01	36.0789179	-1.51E-01	13947162	13947285	NC_000019.9
cg04165508	6.33E-19	1.17E-20	-1.05E+01	36.0780693	-2.43E-01	94167631	94167754	NC_000001.10
cg23684316	6.33E-19	1.17E-20	-1.05E+01	36.0780518	-1.57E-01	72946664	72946787	NC_000002.11
cg22203237	6.37E-19	1.17E-20	-1.05E+01	36.0711837	-1.58E-01	68983823	68983946	NC_000007.13
cg20531020	6.38E-19	1.18E-20	-1.05E+01	36.0693164	-1.76E-01	80188598	80188721	NC_000017.10
cg09240693	6.40E-19	1.18E-20	-1.05E+01	36.0665435	-2.43E-01	86038538	86038661	NC_000002.11
cg23090603	6.42E-19	1.18E-20	-1.05E+01	36.0626782	-2.08E-01	855187	855310	NC_000017.10
cg03160815	6.42E-19	1.18E-20	-1.05E+01	36.0620985	-1.30E-01	79859830	79859953	NC_000017.10
cg24191847	6.44E-19	1.19E-20	-1.05E+01	36.0592261	-1.56E-01	91037045	91037168	NC_000014.8
cg07987890	6.46E-19	1.19E-20	-1.05E+01	36.0553619	-1.21E-01	69366322	69366445	NC_000015.9
cg16464322	6.46E-19	1.19E-20	-1.05E+01	36.0550851	-9.25E-02	39343574	39343697	NC_000019.9

cg21116934	6.48E-19	1.20E-20	-1.05E+01	36.0524485	-8.40E-02	87034663	87034786	NC_000002.11
cg01025836	6.50E-19	1.20E-20	-1.05E+01	36.0486549	-1.72E-01	37230326	37230449	NC_000020.10
cg27179352	6.53E-19	1.21E-20	-1.05E+01	36.0430668	-2.04E-01	88029472	88029595	NC_000004.11
cg15028548	6.57E-19	1.21E-20	-1.05E+01	36.0377602	-1.60E-01	100712322	100712445	NC_000003.11
cg14696348	6.62E-19	1.22E-20	-1.05E+01	36.0293539	-8.94E-02	89984517	89984640	NC_000016.9
cg08864375	6.66E-19	1.23E-20	-1.05E+01	36.0230583	-2.09E-01	168107203	168107326	NC_000006.11
cg26052586	6.71E-19	1.24E-20	-1.05E+01	36.0153926	-2.19E-01	20717411	20717534	NC_000018.9
cg13301014	6.72E-19	1.24E-20	-1.05E+01	36.0131782	-6.64E-02	38754768	38754891	NC_000019.9
cg03782966	6.73E-19	1.25E-20	-1.05E+01	36.0117961	-1.08E-01	104585482	104585605	NC_000007.13
cg24737783	6.79E-19	1.26E-20	-1.05E+01	36.0028448	-1.79E-01	109204304	109204427	NC_000001.10
cg05670596	6.79E-19	1.26E-20	-1.05E+01	36.0019197	-1.47E-01	46448496	46448619	NC_000003.11
cg00864293	6.81E-19	1.26E-20	-1.05E+01	35.9998782	-1.77E-01	81586800	81586923	NC_000016.9
cg26435149	6.82E-19	1.26E-20	-1.05E+01	35.9981514	-2.18E-01	55605611	55605734	NC_000003.11
cg02196805	6.82E-19	1.27E-20	-1.05E+01	35.9968212	-2.13E-01	131409637	131409760	NC_000005.9
cg04012082	6.86E-19	1.27E-20	-1.05E+01	35.9905639	-1.33E-01	1905096	1905219	NC_000012.11
cg05885688	6.87E-19	1.27E-20	-1.05E+01	35.9901051	-2.32E-01	41628552	41628675	NC_000008.10
cg17372223	6.89E-19	1.28E-20	-1.05E+01	35.987001	-1.05E-01	52568218	52568341	NC_000003.11
cg01981417	6.90E-19	1.28E-20	-1.05E+01	35.9854637	-1.60E-01	30061044	30061167	NC_000020.10
cg10334750	6.90E-19	1.28E-20	-1.05E+01	35.9851404	-2.44E-01	101348456	101348579	NC_000008.10
cg02793828	6.91E-19	1.28E-20	-1.05E+01	35.982977	-2.39E-01	85196116	85196239	NC_000016.9
cg15393702	6.95E-19	1.29E-20	-1.05E+01	35.977345	-2.29E-01	21243529	21243652	NC_000018.9
cg02317299	6.97E-19	1.29E-20	-1.05E+01	35.9742649	-1.81E-01	1390182	1390305	NC_000017.10
cg13436110	7.03E-19	1.31E-20	-1.05E+01	35.9647476	-2.39E-01	30844133	30844256	NC_000007.13
cg25769450	7.05E-19	1.31E-20	-1.05E+01	35.9619337	-8.13E-02	23864945	23865068	NC_000022.10
cg05109049	7.11E-19	1.32E-20	-1.05E+01	35.9537051	-3.27E-01	29641333	29641456	NC_000017.10



cg10954944	7.12E-19	1.33E-20	-1.05E+01	35.9510018	-2.02E-01	184377617	184377740	NC_000003.11
cg02431672	7.16E-19	1.33E-20	-1.05E+01	35.9461959	-1.31E-01	43534324	43534447	NC_000001.10
cg23520422	7.16E-19	1.33E-20	-1.05E+01	35.945616	-1.28E-01	76423956	76424079	NC_000012.11
cg22039357	7.27E-19	1.35E-20	-1.05E+01	35.9295005	-2.48E-01	184388675	184388798	NC_000001.10
cg17820591	7.34E-19	1.37E-20	-1.05E+01	35.920388	-1.68E-01	4853706	4853829	NC_000017.10
cg26494916	7.34E-19	1.37E-20	-1.05E+01	35.9200568	-2.46E-01	148832884	148833007	NC_000005.9
cg26351966	7.40E-19	1.38E-20	-1.04E+01	35.9121706	-1.85E-01	102106080	102106203	NC_000010.10
cg26624026	7.41E-19	1.38E-20	-1.04E+01	35.910535	-1.55E-01	18416001	18416124	NC_000019.9
cg02669964	7.43E-19	1.38E-20	-1.04E+01	35.9077223	-9.08E-02	12894077	12894200	NC_000019.9
cg04510874	7.43E-19	1.39E-20	-1.04E+01	35.9067777	-1.99E-01	91427884	91428007	NC_000015.9
cg12808661	7.46E-19	1.39E-20	-1.04E+01	35.9023721	-7.93E-02	52002555	52002678	NC_000003.11
cg10377726	7.49E-19	1.40E-20	-1.04E+01	35.8989132	-1.07E-01	68679841	68679964	NC_000016.9
cg15282973	7.59E-19	1.42E-20	-1.04E+01	35.8858265	-2.12E-01	125346253	125346376	NC_000012.11
cg27625456	7.61E-19	1.42E-20	-1.04E+01	35.8824073	-1.84E-01	25958267	25958390	NC_000017.10
cg08179817	7.67E-19	1.43E-20	-1.04E+01	35.87389	-2.01E-01	4335184	4335307	NC_000004.11
cg15454486	7.68E-19	1.43E-20	-1.04E+01	35.8726079	-1.23E-01	192543810	192543933	NC_000002.11
cg19124521	7.70E-19	1.44E-20	-1.04E+01	35.8703622	-1.17E-01	128990465	128990588	NC_000002.11
cg17297634	7.71E-19	1.44E-20	-1.04E+01	35.8677881	-2.28E-01	27806022	27806145	NC_000008.10
cg04597532	7.72E-19	1.44E-20	-1.04E+01	35.8669639	-7.40E-02	138897363	138897486	NC_000005.9
cg21164050	7.73E-19	1.44E-20	-1.04E+01	35.8656924	-2.10E-01	27757411	27757534	NC_000013.10
cg02921887	7.87E-19	1.47E-20	-1.04E+01	35.846836	-1.32E-01	20226994	20227117	NC_000003.11
cg13878456	7.88E-19	1.47E-20	-1.04E+01	35.845342	-8.39E-02	38020344	38020467	NC_000017.10
cg11708454	7.91E-19	1.48E-20	-1.04E+01	35.8422613	-1.25E-01	38794664	38794787	NC_000019.9
cg24836946	7.95E-19	1.49E-20	-1.04E+01	35.837011	-1.33E-01	31625532	31625655	NC_000001.10
cg13424302	7.95E-19	1.49E-20	-1.04E+01	35.83691	-2.21E-01	80516893	80517016	NC_000010.10

cg22789714	7.95E-19	1.49E-20	-1.04E+01	35.8363835	-1.71E-01	46261208	46261331	NC_000011.9
cg17418276	7.98E-19	1.49E-20	-1.04E+01	35.8326479	-1.93E-01	69065442	69065565	NC_000011.9
cg19556284	8.00E-19	1.50E-20	-1.04E+01	35.8294376	-2.47E-01	158909455	158909578	NC_000006.11
cg27558693	8.05E-19	1.51E-20	-1.04E+01	35.8230355	-1.90E-01	85710632	85710755	NC_000001.10
cg14737704	8.08E-19	1.51E-20	-1.04E+01	35.8185529	-1.42E-01	50728534	50728657	NC_000022.10
cg13278100	8.10E-19	1.52E-20	-1.04E+01	35.8168702	-7.15E-02	150920859	150920982	NC_000006.11
cg12919119	8.12E-19	1.52E-20	-1.04E+01	35.8132642	-1.53E-01	37904293	37904416	NC_000003.11
cg22700848	8.13E-19	1.52E-20	-1.04E+01	35.8122916	-1.84E-01	124990942	124991065	NC_000012.11
cg07717763	8.20E-19	1.54E-20	-1.04E+01	35.8033114	-7.27E-02	21059365	21059488	NC_000001.10
cg11679268	8.20E-19	1.54E-20	-1.04E+01	35.8027431	-2.02E-01	31649638	31649761	NC_000006.11
cg24809269	8.21E-19	1.54E-20	-1.04E+01	35.802131	-1.86E-01	74260692	74260815	NC_000017.10
cg18368411	8.22E-19	1.54E-20	-1.04E+01	35.8009664	-2.84E-01	31845959	31846082	NC_000001.10
cg20410997	8.22E-19	1.54E-20	-1.04E+01	35.8001315	-2.97E-02	141705144	141705267	NC_000005.9
cg09108532	8.30E-19	1.56E-20	-1.04E+01	35.7902053	-1.68E-01	76481977	76482100	NC_000011.9
cg12129796	8.31E-19	1.56E-20	-1.04E+01	35.7890689	-1.63E-01	79753073	79753196	NC_000008.10
cg24651977	8.31E-19	1.56E-20	-1.04E+01	35.7886755	-1.59E-01	37978758	37978881	NC_000004.11
ch.22.217069R	8.32E-19	1.56E-20	-1.04E+01	35.7872073	-7.50E-02	24499583	24499706	NC_000022.10
cg26283496	8.34E-19	1.57E-20	-1.04E+01	35.7843871	-2.57E-01	146269126	146269249	NC_000003.11
cg27008230	8.36E-19	1.57E-20	-1.04E+01	35.7823155	-5.09E-02	116286623	116286746	NC_000010.10
cg13177275	8.41E-19	1.58E-20	-1.04E+01	35.7754856	-2.52E-01	201683549	201683672	NC_000001.10
cg09135529	8.45E-19	1.59E-20	-1.04E+01	35.7708969	-1.96E-01	62448703	62448826	NC_000011.9
cg00664697	8.50E-19	1.60E-20	-1.04E+01	35.7655666	-2.19E-01	80061290	80061413	NC_000016.9
cg02520707	8.50E-19	1.60E-20	-1.04E+01	35.7644611	-2.20E-01	205418278	205418401	NC_000001.10
cg22261694	8.53E-19	1.60E-20	-1.04E+01	35.7613323	-2.87E-01	106967720	106967843	NC_000006.11
cg01930441	8.57E-19	1.61E-20	-1.04E+01	35.756488	-9.01E-02	21289268	21289391	NC_000016.9

cg08903631	8.58E-19	1.61E-20	-1.04E+01	35.755148	-1.11E-01	41924466	41924589	NC_000017.10
cg08119607	8.60E-19	1.62E-20	-1.04E+01	35.7527411	-8.70E-02	150347053	150347176	NC_000006.11
ch.10.2372731R	8.72E-19	1.64E-20	-1.04E+01	35.7384912	-1.21E-01	112966440	112966563	NC_000010.10
cg13008538	8.73E-19	1.64E-20	-1.04E+01	35.737296	-1.27E-01	3083741	3083864	NC_000007.13
cg07002540	8.74E-19	1.65E-20	-1.04E+01	35.7358401	-2.25E-01	85281128	85281251	NC_000002.11
cg06186150	8.74E-19	1.65E-20	-1.04E+01	35.7350081	-1.29E-01	2458298	2458421	NC_000001.10
cg01261939	8.77E-19	1.65E-20	-1.04E+01	35.7317534	-1.07E-01	6725157	6725280	NC_000006.11
cg00806644	8.78E-19	1.65E-20	-1.04E+01	35.7309497	-2.90E-01	126889815	126889938	NC_000010.10
cg16735901	8.78E-19	1.66E-20	-1.04E+01	35.7301585	-1.35E-01	7465756	7465879	NC_000008.10
cg10796749	8.79E-19	1.66E-20	-1.04E+01	35.7292436	-2.08E-01	10056837	10056960	NC_000001.10
cg20359363	8.79E-19	1.66E-20	-1.04E+01	35.7283599	-1.84E-01	77905866	77905989	NC_000017.10
cg26544594	8.80E-19	1.66E-20	-1.04E+01	35.728076	-5.40E-02	63276833	63276956	NC_000002.11
cg12886406	8.82E-19	1.66E-20	-1.04E+01	35.7249469	-2.17E-01	13579728	13579851	NC_000003.11
cg06835483	8.86E-19	1.67E-20	-1.04E+01	35.720943	-1.12E-01	7991103	7991226	NC_000017.10
cg09057050	8.87E-19	1.67E-20	-1.04E+01	35.7189288	-1.31E-01	66639160	66639283	NC_000016.9
cg03033543	8.87E-19	1.67E-20	-1.04E+01	35.7187763	-1.84E-01	31870884	31871007	NC_000020.10
cg18001780	8.88E-19	1.68E-20	-1.04E+01	35.7177917	-1.69E-01	128500564	128500687	NC_000011.9
cg13160058	8.93E-19	1.69E-20	-1.04E+01	35.7120028	-1.29E-01	26243215	26243338	NC_000008.10
cg11092836	8.95E-19	1.69E-20	-1.04E+01	35.7094179	-2.21E-01	44037829	44037952	NC_000011.9
cg01869342	9.02E-19	1.70E-20	-1.04E+01	35.7011001	-2.49E-01	106983673	106983796	NC_000004.11
cg26539455	9.04E-19	1.71E-20	-1.04E+01	35.6989716	-2.27E-01	31786772	31786895	NC_000006.11
cg26611563	9.05E-19	1.71E-20	-1.04E+01	35.6977095	-1.37E-01	87811412	87811535	NC_000016.9
cg01569083	9.13E-19	1.73E-20	-1.04E+01	35.6886632	-1.86E-01	31543289	31543412	NC_000006.11
cg08003742	9.19E-19	1.74E-20	-1.04E+01	35.6816312	-5.09E-02	74904106	74904229	NC_000004.11
cg09250727	9.20E-19	1.74E-20	-1.04E+01	35.6812723	-8.61E-02	32899784	32899907	NC_000020.10

cg04202892	9.27E-19	1.75E-20	-1.04E+01	35.6728795	-2.52E-01	111875749	111875872	NC_000002.11
cg12239557	9.37E-19	1.77E-20	-1.04E+01	35.6613625	-2.13E-01	123778187	123778310	NC_000010.10
cg03678098	9.42E-19	1.78E-20	-1.04E+01	35.656068	-1.31E-01	61054887	61055010	NC_000020.10
cg07133930	9.47E-19	1.79E-20	-1.04E+01	35.6503209	-1.91E-01	70821371	70821494	NC_000010.10
cg23425762	9.48E-19	1.80E-20	-1.04E+01	35.6498349	-2.60E-01	45664130	45664253	NC_000018.9
cg03885055	9.51E-19	1.80E-20	-1.04E+01	35.6463287	-1.99E-01	16723232	16723355	NC_000001.10
cg14082893	9.53E-19	1.81E-20	-1.04E+01	35.6439406	-2.43E-01	75400931	75401054	NC_000015.9
cg09518969	9.54E-19	1.81E-20	-1.04E+01	35.6428078	-2.29E-01	63378005	63378128	NC_000011.9
cg01769428	9.55E-19	1.81E-20	-1.04E+01	35.6417341	-1.66E-01	100651659	100651782	NC_000015.9
cg18014547	9.56E-19	1.81E-20	-1.04E+01	35.6404252	-2.47E-01	20366443	20366566	NC_000002.11
cg04362790	9.58E-19	1.82E-20	-1.04E+01	35.637616	-3.01E-01	100223811	100223934	NC_000014.8
cg08138025	9.62E-19	1.82E-20	-1.04E+01	35.6336589	-5.22E-02	36396366	36396489	NC_000001.10
ch.7.2184863F	9.66E-19	1.83E-20	-1.04E+01	35.6290612	-7.07E-02	101811420	101811543	NC_000007.13
cg13414679	9.66E-19	1.83E-20	-1.04E+01	35.6287185	-1.04E-01	70243843	70243966	NC_000011.9
ch.3.2438620R	9.66E-19	1.83E-20	-1.04E+01	35.6282637	-7.49E-02	124566910	124567033	NC_000003.11
cg12731349	9.71E-19	1.84E-20	-1.04E+01	35.6237625	-1.29E-01	204159619	204159742	NC_000001.10
cg16113433	9.78E-19	1.86E-20	-1.04E+01	35.6163707	-8.12E-02	172629464	172629587	NC_000005.9
ch.4.658374F	9.81E-19	1.86E-20	-1.04E+01	35.6128247	-8.79E-02	26457421	26457544	NC_000004.11
cg09183450	9.82E-19	1.86E-20	-1.04E+01	35.6121297	-2.20E-01	62308513	62308636	NC_000011.9
cg02713960	9.84E-19	1.87E-20	-1.04E+01	35.6095682	-1.22E-01	746048	746171	NC_000016.9
ch.2.25452096R	9.85E-19	1.87E-20	-1.04E+01	35.6080594	-7.85E-02	25598592	25598715	NC_000002.11
cg07303450	9.88E-19	1.88E-20	-1.04E+01	35.605649	-1.27E-01	30023400	30023523	NC_000016.9
cg06255006	9.88E-19	1.88E-20	-1.04E+01	35.604801	-2.58E-01	86653215	86653338	NC_000016.9
cg27596415	9.93E-19	1.89E-20	-1.04E+01	35.5992067	-2.14E-01	75440995	75441118	NC_000006.11
cg00997853	9.98E-19	1.90E-20	-1.04E+01	35.5942717	-2.77E-01	26844579	26844702	NC_000012.11

cg06686156	9.98E-19	1.90E-20	-1.04E+01	35.5942009	-2.26E-01	20420222	20420345	NC_000016.9
cg03356490	1.00E-18	1.90E-20	-1.04E+01	35.5926495	-7.26E-02	35605867	35605990	NC_000019.9
cg12468850	1.00E-18	1.91E-20	-1.04E+01	35.5905934	-2.09E-01	21767224	21767347	NC_000008.10
cg01834856	1.00E-18	1.91E-20	-1.04E+01	35.5905378	-2.22E-01	99639091	99639214	NC_000007.13
cg20143982	1.01E-18	1.92E-20	-1.04E+01	35.5856588	-8.84E-02	7341252	7341375	NC_000012.11
cg03042020	1.01E-18	1.92E-20	-1.04E+01	35.5851382	-2.18E-01	110515444	110515567	NC_000013.10
cg02855302	1.01E-18	1.92E-20	-1.04E+01	35.5843629	-2.16E-01	103453791	103453914	NC_000014.8
cg02945646	1.01E-18	1.92E-20	-1.04E+01	35.5824638	-9.57E-02	24037169	24037292	NC_000014.8
cg16502747	1.01E-18	1.92E-20	-1.04E+01	35.5809314	-1.74E-01	23531625	23531748	NC_000014.8
cg03529003	1.01E-18	1.93E-20	-1.04E+01	35.5804595	-1.60E-01	11994281	11994404	NC_000001.10
cg04468198	1.01E-18	1.93E-20	-1.04E+01	35.5801309	-1.28E-01	85784951	85785074	NC_000016.9
cg13977355	1.01E-18	1.93E-20	-1.04E+01	35.5794693	-1.41E-01	140171765	140171888	NC_000009.11
cg12530994	1.01E-18	1.93E-20	-1.04E+01	35.5788403	-9.83E-02	5136782	5136905	NC_000010.10
cg06148264	1.02E-18	1.94E-20	-1.04E+01	35.573625	-7.40E-02	2841468	2841591	NC_000006.11
cg11316868	1.02E-18	1.94E-20	-1.04E+01	35.5722328	-1.69E-01	38593754	38593877	NC_000021.8
cg03167883	1.02E-18	1.95E-20	-1.04E+01	35.5677605	-2.04E-01	49502967	49503090	NC_000008.10
cg17337514	1.03E-18	1.96E-20	-1.04E+01	35.5639398	-7.27E-02	149322773	149322896	NC_000007.13
cg00013441	1.04E-18	1.99E-20	-1.04E+01	35.5460936	-7.33E-02	123258908	123259031	NC_000012.11
cg26929394	1.05E-18	2.00E-20	-1.04E+01	35.5439172	-1.37E-01	112435198	112435321	NC_000011.9
cg07220554	1.05E-18	2.00E-20	-1.04E+01	35.5418337	-1.08E-01	116961464	116961587	NC_000001.10
cg22413056	1.05E-18	2.01E-20	-1.04E+01	35.5375792	-1.89E-01	30650202	30650325	NC_000006.11
cg18065599	1.06E-18	2.02E-20	-1.04E+01	35.5327249	-2.00E-01	47968995	47969118	NC_000011.9
cg08163906	1.06E-18	2.02E-20	-1.04E+01	35.5307469	-8.75E-02	102227932	102228055	NC_000014.8
cg25863289	1.06E-18	2.03E-20	-1.04E+01	35.5289749	-2.45E-01	102193416	102193539	NC_000015.9
cg24897127	1.07E-18	2.04E-20	-1.04E+01	35.5212052	-1.06E-01	320439	320562	NC_000011.9

cg02420480	1.07E-18	2.05E-20	-1.04E+01	35.5170914	-1.90E-01	41919892	41920015	NC_000007.13
cg24845998	1.07E-18	2.06E-20	-1.04E+01	35.5152011	-2.39E-01	14567945	14568068	NC_000003.11
cg10419556	1.08E-18	2.06E-20	-1.04E+01	35.5133218	-1.86E-01	98273126	98273249	NC_000008.10
cg10387761	1.08E-18	2.06E-20	-1.04E+01	35.5121328	-7.94E-02	42856823	42856946	NC_000017.10
ch.10.2988224F	1.08E-18	2.07E-20	-1.04E+01	35.510429	-1.10E-01	135102171	135102294	NC_000010.10
cg15128679	1.08E-18	2.07E-20	-1.04E+01	35.5095664	-1.96E-01	134476728	134476851	NC_000005.9
cg20512501	1.10E-18	2.11E-20	-1.04E+01	35.4894522	-1.33E-01	134785688	134785811	NC_000002.11
cg07607921	1.10E-18	2.11E-20	-1.04E+01	35.4874836	-7.66E-02	4047574	4047697	NC_000017.10
cg09238677	1.11E-18	2.12E-20	-1.04E+01	35.4852607	-2.65E-01	8218922	8219045	NC_000012.11
cg23762633	1.11E-18	2.12E-20	-1.04E+01	35.4842258	-7.29E-02	10589242	10589365	NC_000002.11
cg03944072	1.11E-18	2.12E-20	-1.04E+01	35.4831587	-2.21E-01	81617738	81617861	NC_000016.9
cg17992056	1.11E-18	2.14E-20	-1.04E+01	35.4772725	-1.04E-01	6296335	6296458	NC_000001.10
cg06737942	1.12E-18	2.14E-20	-1.04E+01	35.4758469	-2.43E-01	158613567	158613690	NC_000007.13
cg20283771	1.13E-18	2.17E-20	-1.04E+01	35.4613797	-1.80E-01	88943542	88943665	NC_000016.9
cg10225951	1.13E-18	2.17E-20	-1.04E+01	35.4611134	-2.71E-01	89647782	89647905	NC_000016.9
cg17179875	1.13E-18	2.17E-20	-1.04E+01	35.4606198	-9.36E-02	116961404	116961527	NC_000001.10
cg15691003	1.14E-18	2.20E-20	-1.04E+01	35.4499242	-2.05E-01	22351864	22351987	NC_000001.10
cg24807354	1.15E-18	2.21E-20	-1.04E+01	35.4423973	-5.53E-02	10629035	10629158	NC_000019.9
cg00417304	1.16E-18	2.22E-20	-1.04E+01	35.4378524	-2.12E-01	45124456	45124579	NC_000011.9
ch.12.66046708R	1.16E-18	2.23E-20	-1.04E+01	35.4327973	-6.70E-02	67760441	67760564	NC_000012.11
cg18083597	1.18E-18	2.26E-20	-1.04E+01	35.4201735	-1.47E-01	80190129	80190252	NC_000017.10
ch.12.2506678F	1.18E-18	2.26E-20	-1.04E+01	35.4198453	-1.29E-01	121154867	121154990	NC_000012.11
cg06688014	1.18E-18	2.27E-20	-1.04E+01	35.4173259	-1.49E-01	111683554	111683677	NC_000010.10
cg09828411	1.18E-18	2.27E-20	-1.04E+01	35.4163681	-2.32E-01	244466428	244466551	NC_000001.10
cg27062571	1.18E-18	2.28E-20	-1.04E+01	35.4140677	-1.67E-01	124890314	124890437	NC_000008.10

cg02656560	1.18E-18	2.28E-20	-1.04E+01	35.4128013	-2.14E-01	19967600	19967723	NC_000017.10
cg09029902	1.20E-18	2.30E-20	-1.04E+01	35.4031951	-1.70E-01	52199594	52199717	NC_000020.10
cg19015951	1.20E-18	2.31E-20	-1.04E+01	35.3992209	-1.13E-01	98130398	98130521	NC_000010.10
cg09974016	1.20E-18	2.32E-20	-1.04E+01	35.3951752	-6.88E-02	77591203	77591326	NC_000014.8
cg08892236	1.21E-18	2.33E-20	-1.04E+01	35.3921485	-2.11E-01	21978698	21978821	NC_000001.10
cg12217954	1.21E-18	2.34E-20	-1.04E+01	35.3871495	-2.17E-01	33474484	33474607	NC_000011.9
cg17712818	1.22E-18	2.35E-20	-1.04E+01	35.3836552	-1.84E-01	59402087	59402210	NC_000017.10
cg14894245	1.23E-18	2.36E-20	-1.04E+01	35.3770911	-1.63E-01	1106640	1106763	NC_000019.9
ch.11.1980478F	1.23E-18	2.38E-20	-1.04E+01	35.371356	-1.10E-01	94597700	94597823	NC_000011.9
cg02241145	1.24E-18	2.39E-20	-1.04E+01	35.3663999	-1.64E-01	29706754	29706877	NC_000022.10
cg12253071	1.25E-18	2.41E-20	-1.04E+01	35.3570431	-2.62E-01	19740944	19741067	NC_000004.11
cg16622061	1.25E-18	2.42E-20	-1.04E+01	35.3521138	-1.52E-01	86888736	86888859	NC_000016.9
cg10586317	1.26E-18	2.43E-20	-1.04E+01	35.3509448	-1.51E-01	73979250	73979373	NC_000015.9
cg12405258	1.26E-18	2.43E-20	-1.04E+01	35.3476813	-2.54E-01	114927641	114927764	NC_000013.10
cg21553700	1.28E-18	2.47E-20	-1.04E+01	35.3338616	-2.86E-01	195600410	195600533	NC_000003.11
cg11580615	1.28E-18	2.47E-20	-1.04E+01	35.332177	-2.00E-01	127888073	127888196	NC_000010.10
cg05613116	1.28E-18	2.48E-20	-1.04E+01	35.3299525	-5.53E-02	27958722	27958845	NC_000002.11
cg15355111	1.28E-18	2.49E-20	-1.04E+01	35.327192	-2.32E-01	45433358	45433481	NC_000011.9
cg24952328	1.30E-18	2.51E-20	-1.04E+01	35.3155517	-1.29E-01	19383704	19383827	NC_000019.9
cg13734177	1.30E-18	2.52E-20	-1.04E+01	35.315019	-9.46E-02	146176436	146176559	NC_000008.10
cg10632728	1.30E-18	2.52E-20	-1.04E+01	35.3126205	-1.62E-01	18875315	18875438	NC_000001.10
cg11190277	1.31E-18	2.54E-20	-1.04E+01	35.3043593	-9.08E-02	69455213	69455336	NC_000011.9
cg10006762	1.32E-18	2.56E-20	-1.04E+01	35.2997243	-8.99E-02	65342202	65342325	NC_000011.9
cg02074116	1.32E-18	2.57E-20	-1.04E+01	35.2955708	-1.59E-01	231712981	231713104	NC_000002.11
cg03355101	1.33E-18	2.57E-20	-1.04E+01	35.2923053	-1.70E-01	16449718	16449841	NC_000019.9

cg08887327	1.33E-18	2.58E-20	-1.04E+01	35.2917792	-1.93E-01	238582364	238582487	NC_000002.11
cg27474223	1.33E-18	2.58E-20	-1.04E+01	35.2898172	-1.84E-01	71509037	71509160	NC_000016.9
cg20628791	1.33E-18	2.58E-20	-1.04E+01	35.2884371	-9.74E-02	34652315	34652438	NC_000009.11
cg20143092	1.33E-18	2.59E-20	-1.04E+01	35.2864743	-8.16E-02	35160330	35160453	NC_000011.9
ch.20.393029F	1.34E-18	2.60E-20	-1.04E+01	35.2833592	-6.12E-02	18515025	18515148	NC_000020.10
ch.4.77087090F	1.36E-18	2.63E-20	-1.04E+01	35.2695994	-9.06E-02	76868066	76868189	NC_000004.11
cg13135241	1.37E-18	2.66E-20	-1.04E+01	35.2608161	-1.60E-01	104765292	104765415	NC_000012.11
cg21967545	1.37E-18	2.66E-20	-1.04E+01	35.2581992	-1.45E-01	5838807	5838930	NC_000019.9
cg14844341	1.37E-18	2.67E-20	-1.04E+01	35.2561562	-2.47E-01	139089549	139089672	NC_000005.9
cg11464297	1.38E-18	2.68E-20	-1.04E+01	35.2515361	-2.00E-01	70302998	70303121	NC_000010.10
cg19565262	1.39E-18	2.71E-20	-1.03E+01	35.2405282	-1.65E-01	73869966	73870089	NC_000002.11
cg24964694	1.39E-18	2.71E-20	-1.03E+01	35.2404328	-1.19E-01	36308389	36308512	NC_000006.11
cg19901403	1.40E-18	2.73E-20	-1.03E+01	35.2342231	-2.14E-01	74332522	74332645	NC_000008.10
cg20042116	1.40E-18	2.73E-20	-1.03E+01	35.2338145	-9.73E-02	24655654	24655777	NC_000022.10
cg26357885	1.42E-18	2.75E-20	-1.03E+01	35.2256789	-1.02E-01	65006204	65006327	NC_000014.8
cg13385210	1.42E-18	2.76E-20	-1.03E+01	35.2230721	-2.07E-01	38599271	38599394	NC_000017.10
cg07788438	1.43E-18	2.78E-20	-1.03E+01	35.2150204	-1.92E-01	30936384	30936507	NC_000017.10
cg26803268	1.43E-18	2.79E-20	-1.03E+01	35.2134238	-1.57E-01	18549536	18549659	NC_000010.10
cg20669012	1.44E-18	2.81E-20	-1.03E+01	35.2069466	-1.09E-01	11102341	11102464	NC_000003.11
cg05754905	1.44E-18	2.81E-20	-1.03E+01	35.2064034	-2.50E-01	160992352	160992475	NC_000001.10
cg27051318	1.44E-18	2.81E-20	-1.03E+01	35.2051031	-2.32E-01	42623771	42623894	NC_000008.10
cg11072637	1.44E-18	2.81E-20	-1.03E+01	35.2048571	-2.32E-01	65773051	65773174	NC_000007.13
cg03698144	1.44E-18	2.82E-20	-1.03E+01	35.2036183	-1.99E-01	200868238	200868361	NC_000002.11
cg15582954	1.45E-18	2.82E-20	-1.03E+01	35.2031467	-1.09E-01	22470343	22470466	NC_000001.10
cg11496630	1.45E-18	2.82E-20	-1.03E+01	35.2024856	-2.32E-01	3024178	3024301	NC_000006.11



cg09099312	1.45E-18	2.82E-20	-1.03E+01	35.2023095	-4.83E-02	45808808	45808931	NC_000007.13
cg22719037	1.45E-18	2.82E-20	-1.03E+01	35.2012128	-1.47E-01	111842896	111843019	NC_000012.11
cg12620005	1.46E-18	2.85E-20	-1.03E+01	35.1919039	-2.00E-01	51779655	51779778	NC_000001.10
cg11217218	1.46E-18	2.85E-20	-1.03E+01	35.1918913	-1.74E-01	79521061	79521184	NC_000017.10
cg11029367	1.46E-18	2.85E-20	-1.03E+01	35.1902216	-2.70E-01	124705145	124705268	NC_000003.11
cg14833160	1.47E-18	2.87E-20	-1.03E+01	35.1859479	-6.54E-02	49457855	49457978	NC_000019.9
cg08166587	1.47E-18	2.87E-20	-1.03E+01	35.1849695	-1.53E-01	2696048	2696171	NC_000012.11
cg00715988	1.47E-18	2.87E-20	-1.03E+01	35.1840502	-5.69E-02	96968640	96968763	NC_000014.8
cg08565197	1.47E-18	2.87E-20	-1.03E+01	35.1831414	-1.82E-01	240196284	240196407	NC_000002.11
cg18618429	1.49E-18	2.91E-20	-1.03E+01	35.1720412	-2.33E-01	122043865	122043988	NC_000003.11
cg25799986	1.50E-18	2.92E-20	-1.03E+01	35.1664965	-9.69E-02	44098281	44098404	NC_000020.10
cg24865623	1.51E-18	2.95E-20	-1.03E+01	35.1589612	-1.44E-01	48232988	48233111	NC_000019.9
cg23324086	1.51E-18	2.95E-20	-1.03E+01	35.1558203	-7.12E-02	99739029	99739152	NC_000014.8
cg07824422	1.51E-18	2.96E-20	-1.03E+01	35.1551809	-2.12E-01	2555406	2555529	NC_000011.9
cg11505417	1.51E-18	2.96E-20	-1.03E+01	35.1547371	-2.29E-01	22966051	22966174	NC_000001.10
cg00333364	1.51E-18	2.96E-20	-1.03E+01	35.1534693	-7.94E-02	8704802	8704925	NC_000011.9
cg18082788	1.53E-18	2.99E-20	-1.03E+01	35.1446405	-2.67E-01	149806339	149806462	NC_000006.11
cg04356381	1.53E-18	2.99E-20	-1.03E+01	35.1443366	-2.26E-01	25050788	25050911	NC_000006.11
cg04246699	1.53E-18	2.99E-20	-1.03E+01	35.1425704	-8.00E-02	80674513	80674636	NC_000017.10
cg19631472	1.53E-18	3.00E-20	-1.03E+01	35.1418689	-1.31E-01	18415641	18415764	NC_000011.9
cg22941573	1.53E-18	3.00E-20	-1.03E+01	35.1396193	-2.52E-01	48761279	48761402	NC_000020.10
cg00038020	1.53E-18	3.00E-20	-1.03E+01	35.1391606	-1.96E-01	223575793	223575916	NC_000001.10
cg06308537	1.54E-18	3.01E-20	-1.03E+01	35.1362969	-1.09E-01	4850290	4850413	NC_000017.10
cg00204159	1.54E-18	3.02E-20	-1.03E+01	35.1328028	-9.10E-02	18907454	18907577	NC_000017.10
cg18692070	1.54E-18	3.02E-20	-1.03E+01	35.1325565	-1.86E-01	3466852	3466975	NC_000010.10

cg20066496	1.54E-18	3.03E-20	-1.03E+01	35.1310636	-1.45E-01	43213993	43214116	NC_000015.9
cg08850274	1.55E-18	3.03E-20	-1.03E+01	35.1305247	-5.37E-02	111991173	111991296	NC_000001.10
cg23323669	1.55E-18	3.05E-20	-1.03E+01	35.1244966	-2.28E-01	31126866	31126989	NC_000006.11
cg17243289	1.55E-18	3.05E-20	-1.03E+01	35.1244461	-1.20E-01	45458021	45458144	NC_000018.9
cg21189611	1.56E-18	3.06E-20	-1.03E+01	35.1200462	-2.35E-01	97691844	97691967	NC_000009.11
cg04348222	1.56E-18	3.07E-20	-1.03E+01	35.1192316	-1.58E-01	32802307	32802430	NC_000001.10
cg02109507	1.56E-18	3.07E-20	-1.03E+01	35.1179491	-2.07E-01	15554603	15554726	NC_000017.10
cg22401939	1.57E-18	3.08E-20	-1.03E+01	35.1137539	-1.95E-01	206731166	206731289	NC_000001.10
cg18065174	1.57E-18	3.08E-20	-1.03E+01	35.1130552	-2.07E-01	4175359	4175482	NC_000019.9
cg06883868	1.58E-18	3.10E-20	-1.03E+01	35.1091948	-1.34E-01	13643516	13643639	NC_000018.9
cg19017142	1.59E-18	3.12E-20	-1.03E+01	35.1017108	-2.67E-01	64431245	64431368	NC_000002.11
cg06484572	1.59E-18	3.13E-20	-1.03E+01	35.0983784	-1.01E-01	41605494	41605617	NC_000006.11
cg25376593	1.59E-18	3.14E-20	-1.03E+01	35.0968682	-2.31E-01	75501541	75501664	NC_000010.10
cg23175074	1.60E-18	3.15E-20	-1.03E+01	35.0937231	-2.10E-01	105212490	105212613	NC_000010.10
cg27113059	1.60E-18	3.15E-20	-1.03E+01	35.0919937	-7.19E-02	47088248	47088371	NC_000018.9
cg17349081	1.62E-18	3.18E-20	-1.03E+01	35.0829314	-5.43E-02	82188559	82188682	NC_000009.11
cg25064395	1.62E-18	3.18E-20	-1.03E+01	35.0822134	-1.94E-01	55143557	55143680	NC_000004.11
cg16558770	1.62E-18	3.18E-20	-1.03E+01	35.0819908	-2.58E-01	90548037	90548160	NC_000015.9
cg02637086	1.62E-18	3.19E-20	-1.03E+01	35.0785287	-1.47E-01	41117232	41117355	NC_000019.9
cg01352906	1.63E-18	3.21E-20	-1.03E+01	35.074491	-1.92E-01	206679195	206679318	NC_000001.10
cg10285845	1.63E-18	3.21E-20	-1.03E+01	35.0733371	-1.02E-01	74079359	74079482	NC_000010.10
ch.19.1066737F	1.64E-18	3.23E-20	-1.03E+01	35.0689335	-4.76E-02	33114318	33114441	NC_000019.9
cg16031973	1.64E-18	3.23E-20	-1.03E+01	35.0672292	-1.86E-01	163786073	163786196	NC_000005.9
cg01501551	1.66E-18	3.27E-20	-1.03E+01	35.056147	-1.14E-01	74100860	74100983	NC_000014.8
cg06733329	1.67E-18	3.29E-20	-1.03E+01	35.0497913	-1.70E-01	176740039	176740162	NC_000005.9

cg13703437	1.69E-18	3.33E-20	-1.03E+01	35.0370141	-2.49E-01	39219698	39219821	NC_000005.9
cg12612420	1.72E-18	3.39E-20	-1.03E+01	35.0201131	-1.17E-01	23513316	23513439	NC_000007.13
cg00718831	1.72E-18	3.41E-20	-1.03E+01	35.0144841	-1.38E-01	278159	278282	NC_000012.11
cg12184624	1.73E-18	3.41E-20	-1.03E+01	35.0137785	-1.89E-01	105239164	105239287	NC_000010.10
ch.15.465126R	1.75E-18	3.45E-20	-1.03E+01	35.0009527	-9.39E-02	42729071	42729194	NC_000015.9
cg24497819	1.75E-18	3.45E-20	-1.03E+01	35.0007084	-1.87E-01	109027683	109027806	NC_000012.11
cg10712091	1.76E-18	3.48E-20	-1.03E+01	34.9925634	-1.58E-01	108141883	108142006	NC_000006.11
cg10213328	1.77E-18	3.50E-20	-1.03E+01	34.9891768	-8.49E-02	37309414	37309537	NC_000017.10
cg11693709	1.79E-18	3.54E-20	-1.03E+01	34.9776793	-2.19E-01	40542019	40542142	NC_000015.9
cg07107130	1.79E-18	3.55E-20	-1.03E+01	34.9749737	-2.22E-01	76745431	76745554	NC_000011.9
cg06375539	1.79E-18	3.55E-20	-1.03E+01	34.9732877	-2.07E-01	35249239	35249362	NC_000001.10
cg11626629	1.80E-18	3.56E-20	-1.03E+01	34.9715392	-2.14E-01	33245460	33245583	NC_000006.11
cg25424279	1.80E-18	3.56E-20	-1.03E+01	34.9713894	-2.15E-01	65683543	65683666	NC_000011.9
cg12065285	1.80E-18	3.56E-20	-1.03E+01	34.9703716	-2.03E-01	155946346	155946469	NC_000001.10
cg03292675	1.80E-18	3.58E-20	-1.03E+01	34.9666097	-2.34E-01	21912864	21912987	NC_000008.10
cg03221073	1.81E-18	3.59E-20	-1.03E+01	34.9615519	-2.69E-01	186157555	186157678	NC_000001.10
cg01957897	1.85E-18	3.66E-20	-1.03E+01	34.9437737	-2.23E-01	70414247	70414370	NC_000015.9
cg24375627	1.85E-18	3.66E-20	-1.03E+01	34.9430547	-1.87E-01	153509284	153509407	NC_000001.10
cg20904475	1.85E-18	3.67E-20	-1.03E+01	34.9412918	-2.00E-01	61823027	61823150	NC_000008.10
cg02102075	1.86E-18	3.69E-20	-1.03E+01	34.9361473	-2.06E-01	474430	474553	NC_000016.9
cg08400159	1.86E-18	3.70E-20	-1.03E+01	34.9338861	-1.12E-01	45947786	45947909	NC_000020.10
cg13466284	1.87E-18	3.71E-20	-1.03E+01	34.9311715	-1.87E-01	27189679	27189802	NC_000001.10
cg19581816	1.87E-18	3.71E-20	-1.03E+01	34.9300431	-8.94E-02	43390507	43390630	NC_000001.10
cg19913118	1.87E-18	3.71E-20	-1.03E+01	34.929768	-1.89E-01	145471701	145471824	NC_000001.10
cg04477789	1.87E-18	3.71E-20	-1.03E+01	34.9291896	-1.40E-01	30935822	30935945	NC_000016.9

cg13672743	1.87E-18	3.72E-20	-1.03E+01	34.9282224	-2.28E-01	33417086	33417209	NC_000017.10
cg19819654	1.88E-18	3.73E-20	-1.03E+01	34.9242807	-2.53E-01	10370550	10370673	NC_000019.9
cg25329734	1.88E-18	3.73E-20	-1.03E+01	34.924274	-1.50E-01	63160487	63160610	NC_000017.10
cg09551996	1.88E-18	3.74E-20	-1.03E+01	34.9219774	-6.26E-02	69455530	69455653	NC_000011.9
cg07277869	1.91E-18	3.80E-20	-1.03E+01	34.9072727	-6.38E-02	69760850	69760973	NC_000016.9
cg02988698	1.91E-18	3.80E-20	-1.03E+01	34.9064288	-1.99E-01	17463620	17463743	NC_000016.9
cg00985388	1.91E-18	3.81E-20	-1.03E+01	34.9049386	-1.02E-01	183952212	183952335	NC_000003.11
cg27514336	1.91E-18	3.81E-20	-1.03E+01	34.9042511	-2.41E-01	131068941	131069064	NC_000003.11
cg09316347	1.91E-18	3.81E-20	-1.03E+01	34.90305	-2.05E-01	139932132	139932255	NC_000007.13
cg20185609	1.92E-18	3.82E-20	-1.03E+01	34.9018862	-1.11E-01	28543446	28543569	NC_000013.10
cg10709727	1.94E-18	3.87E-20	-1.03E+01	34.8894273	-9.98E-02	31698145	31698268	NC_000006.11
cg03879460	1.94E-18	3.87E-20	-1.03E+01	34.8870389	-1.11E-01	562272	562395	NC_000012.11
cg02154186	1.95E-18	3.89E-20	-1.03E+01	34.8831873	-1.21E-01	26371353	26371476	NC_000008.10
cg23506143	1.96E-18	3.90E-20	-1.03E+01	34.8813197	-2.02E-01	55761274	55761397	NC_000005.9
cg21994818	1.96E-18	3.90E-20	-1.03E+01	34.879276	-2.61E-01	96805352	96805475	NC_000008.10
cg04138181	1.96E-18	3.91E-20	-1.03E+01	34.87699	-1.35E-01	23690918	23691041	NC_000016.9
cg13576290	1.96E-18	3.92E-20	-1.03E+01	34.8760376	-1.91E-01	29256737	29256860	NC_000002.11
cg19620758	1.97E-18	3.92E-20	-1.03E+01	34.8749263	-2.15E-01	102826565	102826688	NC_000011.9
cg25572043	1.97E-18	3.93E-20	-1.03E+01	34.8724038	-1.73E-01	15839627	15839750	NC_000003.11
cg14280905	1.97E-18	3.94E-20	-1.03E+01	34.8709848	-1.94E-01	136424187	136424310	NC_000009.11
cg02872491	1.98E-18	3.95E-20	-1.03E+01	34.8682726	-1.84E-01	31374862	31374985	NC_000007.13
cg19132462	1.98E-18	3.95E-20	-1.03E+01	34.8674196	-2.58E-01	10476608	10476731	NC_000011.9
cg24755459	1.98E-18	3.96E-20	-1.03E+01	34.8654122	-1.63E-01	101908865	101908988	NC_000014.8
cg18565795	2.01E-18	4.02E-20	-1.03E+01	34.8511912	-2.30E-01	25350802	25350925	NC_000010.10
cg11902863	2.01E-18	4.02E-20	-1.03E+01	34.850872	-2.15E-01	3044737	3044860	NC_000002.11

cg18160135	2.01E-18	4.02E-20	-1.03E+01	34.8495017	-9.68E-02	99851115	99851238	NC_000004.11
cg25198049	2.02E-18	4.04E-20	-1.03E+01	34.8463063	-2.26E-01	151509723	151509846	NC_000001.10
cg21478137	2.02E-18	4.04E-20	-1.03E+01	34.845013	-1.21E-01	51532386	51532509	NC_000015.9
ch.17.1996417R	2.03E-18	4.05E-20	-1.03E+01	34.8433099	-1.01E-01	74408525	74408648	NC_000017.10
cg07992044	2.03E-18	4.06E-20	-1.03E+01	34.8417553	-1.52E-01	68096049	68096172	NC_000011.9
cg14370448	2.05E-18	4.10E-20	-1.03E+01	34.8319321	-2.13E-01	30103978	30104101	NC_000016.9
cg19774788	2.05E-18	4.10E-20	-1.03E+01	34.8307976	-1.96E-01	52127988	52128111	NC_000003.11
cg20947259	2.06E-18	4.12E-20	-1.03E+01	34.8262051	-2.06E-01	201572159	201572282	NC_000001.10
cg05075308	2.07E-18	4.14E-20	-1.03E+01	34.8221666	-2.53E-01	185329364	185329487	NC_000004.11
cg06958636	2.07E-18	4.14E-20	-1.03E+01	34.8213435	-1.91E-01	245255197	245255320	NC_000001.10
cg00030296	2.07E-18	4.15E-20	-1.03E+01	34.8191037	-1.63E-01	75318732	75318855	NC_000017.10
cg01612247	2.08E-18	4.16E-20	-1.03E+01	34.8171045	-2.84E-01	40705588	40705711	NC_000017.10
cg01821684	2.08E-18	4.17E-20	-1.03E+01	34.8145762	-2.48E-01	6415217	6415340	NC_000007.13
cg20035679	2.08E-18	4.17E-20	-1.03E+01	34.8138373	-2.13E-01	3563432	3563555	NC_000012.11
cg15916554	2.08E-18	4.18E-20	-1.03E+01	34.8127514	-2.21E-01	31508820	31508943	NC_000015.9
cg23507761	2.09E-18	4.20E-20	-1.03E+01	34.8080115	-2.03E-01	76993698	76993821	NC_000017.10
cg03049863	2.09E-18	4.20E-20	-1.03E+01	34.8079138	-1.46E-01	38794635	38794758	NC_000019.9
cg05798627	2.09E-18	4.20E-20	-1.03E+01	34.8072768	-1.81E-01	67291531	67291654	NC_000011.9
cg08169864	2.09E-18	4.20E-20	-1.03E+01	34.806898	-5.26E-02	54421413	54421536	NC_000014.8
cg22453826	2.10E-18	4.21E-20	-1.03E+01	34.8045943	-2.50E-01	169399683	169399806	NC_000006.11
cg12385021	2.11E-18	4.23E-20	-1.03E+01	34.7992634	-2.27E-01	1606859	1606982	NC_000007.13
cg03189210	2.13E-18	4.27E-20	-1.03E+01	34.7914577	-2.45E-01	33245474	33245597	NC_000006.11
cg12054171	2.13E-18	4.28E-20	-1.03E+01	34.7871786	-2.25E-01	157346614	157346737	NC_000007.13
cg03018256	2.13E-18	4.29E-20	-1.03E+01	34.7870409	-2.42E-01	72237019	72237142	NC_000017.10
cg18687314	2.13E-18	4.29E-20	-1.03E+01	34.7868295	-1.85E-01	43733672	43733795	NC_000020.10

cg08398233	2.13E-18	4.29E-20	-1.03E+01	34.7866441	-1.24E-01	20811641	20811764	NC_000001.10
cg25058482	2.14E-18	4.31E-20	-1.03E+01	34.7822888	-2.38E-01	161993315	161993438	NC_000002.11
cg24111796	2.14E-18	4.31E-20	-1.03E+01	34.7813234	-2.92E-01	42945163	42945286	NC_000005.9
cg04908300	2.15E-18	4.33E-20	-1.03E+01	34.7766865	-1.12E-01	12330532	12330655	NC_000003.11
ch.2.1615265F	2.17E-18	4.35E-20	-1.03E+01	34.771347	-8.91E-02	71303421	71303544	NC_000002.11
cg17501395	2.17E-18	4.36E-20	-1.03E+01	34.7700562	-2.62E-01	149806331	149806454	NC_000006.11
cg08140114	2.18E-18	4.38E-20	-1.03E+01	34.7654553	-2.10E-01	139482238	139482361	NC_000006.11
cg15756114	2.19E-18	4.40E-20	-1.03E+01	34.7601549	-2.18E-01	227515220	227515343	NC_000002.11
cg10011232	2.20E-18	4.42E-20	-1.03E+01	34.7553198	-1.63E-01	18654949	18655072	NC_000019.9
cg10316474	2.20E-18	4.43E-20	-1.03E+01	34.7546793	-1.62E-01	39410068	39410191	NC_000022.10
cg14586373	2.21E-18	4.45E-20	-1.03E+01	34.7488715	-2.31E-01	37447398	37447521	NC_000022.10
cg07455815	2.22E-18	4.46E-20	-1.03E+01	34.7467379	-1.98E-01	5606380	5606503	NC_000010.10
cg07956751	2.23E-18	4.50E-20	-1.03E+01	34.7391974	-2.19E-01	150211939	150212062	NC_000007.13
cg15552491	2.24E-18	4.51E-20	-1.03E+01	34.7370695	-2.03E-01	119037285	119037408	NC_000011.9
cg10340048	2.24E-18	4.52E-20	-1.03E+01	34.7348627	-2.25E-01	74258684	74258807	NC_000008.10
cg18449997	2.26E-18	4.55E-20	-1.03E+01	34.7285107	-7.16E-02	40574243	40574366	NC_000017.10
cg27255275	2.26E-18	4.55E-20	-1.03E+01	34.7272376	-1.98E-01	129766154	129766277	NC_000011.9
cg18395354	2.26E-18	4.56E-20	-1.03E+01	34.7249582	-2.37E-01	3801491	3801614	NC_000007.13
cg12799824	2.27E-18	4.57E-20	-1.03E+01	34.7236777	-1.93E-01	2155728	2155851	NC_000001.10
cg18318006	2.27E-18	4.58E-20	-1.03E+01	34.7220896	-2.15E-01	97169147	97169270	NC_000010.10
cg06399735	2.27E-18	4.58E-20	-1.03E+01	34.7219736	-2.28E-01	18836280	18836403	NC_000008.10
cg12899649	2.27E-18	4.58E-20	-1.03E+01	34.7209531	-1.54E-01	33043762	33043885	NC_000006.11
cg02479986	2.28E-18	4.59E-20	-1.03E+01	34.7184007	-1.19E-01	203027445	203027568	NC_000001.10
cg00920938	2.28E-18	4.61E-20	-1.03E+01	34.7149995	-2.06E-01	22036412	22036535	NC_000008.10
cg02895699	2.29E-18	4.63E-20	-1.03E+01	34.7110275	-2.44E-01	7813791	7813914	NC_000004.11

cg19838087	2.30E-18	4.64E-20	-1.03E+01	34.7086685	-2.06E-01	61442541	61442664	NC_000011.9
cg08364093	2.30E-18	4.65E-20	-1.03E+01	34.706666	-8.59E-02	28114164	28114287	NC_000002.11
cg18956547	2.31E-18	4.67E-20	-1.03E+01	34.7026255	-2.18E-01	219031719	219031842	NC_000002.11
cg00294109	2.31E-18	4.67E-20	-1.03E+01	34.7010092	-1.25E-01	3219781	3219904	NC_000003.11
cg15354065	2.32E-18	4.69E-20	-1.03E+01	34.6983882	-1.95E-01	56327217	56327340	NC_000012.11
cg19194645	2.33E-18	4.70E-20	-1.03E+01	34.6952694	-1.47E-01	125223540	125223663	NC_000012.11
cg02601893	2.33E-18	4.70E-20	-1.03E+01	34.6949671	-1.54E-01	43523016	43523139	NC_000022.10
cg18004847	2.33E-18	4.71E-20	-1.03E+01	34.6941058	-1.75E-01	1155056	1155179	NC_000019.9
ch.2.3493243F	2.34E-18	4.74E-20	-1.03E+01	34.6870063	-5.57E-02	172737063	172737186	NC_000002.11
cg13836518	2.34E-18	4.74E-20	-1.03E+01	34.6868789	-1.72E-01	100883593	100883716	NC_000009.11
cg26351104	2.34E-18	4.74E-20	-1.03E+01	34.6868679	-5.46E-02	51796558	51796681	NC_000001.10
cg09524613	2.36E-18	4.78E-20	-1.03E+01	34.6782678	-2.25E-01	149097976	149098099	NC_000006.11
cg23116115	2.37E-18	4.80E-20	-1.03E+01	34.6753295	-1.22E-01	1004261	1004384	NC_000004.11
cg20540235	2.37E-18	4.80E-20	-1.03E+01	34.6743031	-2.87E-01	91683243	91683366	NC_000008.10
cg12645616	2.37E-18	4.80E-20	-1.03E+01	34.6741867	-1.13E-01	103070480	103070603	NC_000010.10
cg26689077	2.39E-18	4.84E-20	-1.03E+01	34.6670075	-2.36E-01	53599806	53599929	NC_000012.11
cg23486853	2.40E-18	4.86E-20	-1.03E+01	34.6631259	-6.26E-02	30642980	30643103	NC_000022.10
cg00218649	2.41E-18	4.87E-20	-1.03E+01	34.6598403	-5.91E-02	180238208	180238331	NC_000005.9
cg26766403	2.41E-18	4.88E-20	-1.03E+01	34.6591401	-1.00E-01	49701487	49701610	NC_000008.10
cg15153141	2.41E-18	4.88E-20	-1.03E+01	34.6572098	-3.03E-01	81470056	81470179	NC_000005.9
cg02840964	2.42E-18	4.90E-20	-1.03E+01	34.6547457	-1.87E-01	133026047	133026170	NC_000009.11
cg17431888	2.42E-18	4.90E-20	-1.03E+01	34.6531927	-1.63E-01	183203863	183203986	NC_000001.10
cg03559836	2.42E-18	4.91E-20	-1.03E+01	34.652504	-5.16E-02	69634561	69634684	NC_000012.11
cg24030507	2.43E-18	4.92E-20	-1.03E+01	34.650431	-9.11E-02	139089274	139089397	NC_000005.9
cg07474682	2.44E-18	4.95E-20	-1.03E+01	34.6449379	-2.37E-01	89573562	89573685	NC_000016.9

cg09852221	2.45E-18	4.96E-20	-1.03E+01	34.6420002	-1.71E-01	205912646	205912769	NC_000001.10
cg25268754	2.46E-18	5.00E-20	-1.03E+01	34.6345917	-1.22E-01	54982731	54982854	NC_000019.9
cg01062519	2.47E-18	5.01E-20	-1.03E+01	34.6319711	-5.55E-02	34122169	34122292	NC_000017.10
cg24666103	2.47E-18	5.01E-20	-1.03E+01	34.6315746	-9.68E-02	220550199	220550322	NC_000002.11
cg03481488	2.48E-18	5.03E-20	-1.03E+01	34.6286845	-1.90E-01	81091172	81091295	NC_000010.10
cg19023552	2.48E-18	5.03E-20	-1.03E+01	34.6285911	-1.57E-01	41281446	41281569	NC_000019.9
cg25646708	2.48E-18	5.04E-20	-1.03E+01	34.6263971	-2.17E-01	134031685	134031808	NC_000003.11
cg04251733	2.49E-18	5.05E-20	-1.03E+01	34.6242216	-1.17E-01	16081467	16081590	NC_000002.11
cg12371569	2.50E-18	5.07E-20	-1.03E+01	34.6197364	-1.98E-01	13278271	13278394	NC_000012.11
cg15642412	2.50E-18	5.08E-20	-1.03E+01	34.617928	-9.00E-02	69707341	69707464	NC_000015.9
cg18580385	2.51E-18	5.10E-20	-1.03E+01	34.6138058	-2.08E-01	104364518	104364641	NC_000010.10
cg22643740	2.52E-18	5.13E-20	-1.03E+01	34.6094734	-9.83E-02	37640514	37640637	NC_000022.10
cg02072495	2.52E-18	5.13E-20	-1.03E+01	34.6089985	-1.95E-01	60689285	60689408	NC_000015.9
ch.8.2197061F	2.53E-18	5.14E-20	-1.03E+01	34.60766	-1.43E-01	109278439	109278562	NC_000008.10
cg13772742	2.53E-18	5.15E-20	-1.03E+01	34.605754	-1.93E-01	96878385	96878508	NC_000015.9
cg12894524	2.54E-18	5.18E-20	-1.03E+01	34.5996103	-2.13E-01	116997069	116997192	NC_000012.11
cg22876356	2.55E-18	5.18E-20	-1.03E+01	34.5991567	-1.92E-01	96592098	96592221	NC_000012.11
cg16547186	2.55E-18	5.19E-20	-1.03E+01	34.5975002	-2.40E-01	57512988	57513111	NC_000016.9
cg23218363	2.55E-18	5.19E-20	-1.03E+01	34.5967289	-2.74E-01	12674976	12675099	NC_000002.11
cg14130039	2.56E-18	5.20E-20	-1.03E+01	34.5949307	-1.66E-01	32121225	32121348	NC_000006.11
cg11266407	2.56E-18	5.21E-20	-1.03E+01	34.5936818	-1.48E-01	44843080	44843203	NC_000020.10
cg21333665	2.58E-18	5.25E-20	-1.03E+01	34.5865934	-1.13E-01	73840659	73840782	NC_000017.10
cg08626932	2.58E-18	5.26E-20	-1.03E+01	34.5832872	-1.13E-01	62259823	62259946	NC_000020.10
cg12727795	2.59E-18	5.28E-20	-1.03E+01	34.5809966	-2.18E-01	149535695	149535818	NC_000005.9
cg08228350	2.59E-18	5.28E-20	-1.03E+01	34.5796722	-1.37E-01	107149626	107149749	NC_000003.11



cg25714865	2.59E-18	5.28E-20	-1.03E+01	34.5792288	-2.21E-01	5648122	5648245	NC_000007.13
cg09609649	2.59E-18	5.29E-20	-1.03E+01	34.5791328	-6.30E-02	30458060	30458183	NC_000006.11
cg19317433	2.61E-18	5.32E-20	-1.02E+01	34.5716928	-1.35E-01	89783464	89783587	NC_000007.13
cg14202757	2.62E-18	5.33E-20	-1.02E+01	34.570296	-1.60E-01	10056846	10056969	NC_000001.10
cg08528984	2.62E-18	5.34E-20	-1.02E+01	34.5689908	-8.01E-02	2985218	2985341	NC_000001.10
ch.13.39564907R	2.62E-18	5.34E-20	-1.02E+01	34.5688799	-1.03E-01	40666907	40667030	NC_000013.10
cg01804343	2.62E-18	5.34E-20	-1.02E+01	34.5684241	-5.72E-02	73134065	73134188	NC_000007.13
cg13986249	2.62E-18	5.35E-20	-1.02E+01	34.5668096	-7.03E-02	37903631	37903754	NC_000009.11
cg06912282	2.63E-18	5.36E-20	-1.02E+01	34.5644991	-1.81E-01	1563001	1563124	NC_000001.10
cg25030644	2.64E-18	5.40E-20	-1.02E+01	34.5585738	-7.13E-02	227505910	227506033	NC_000001.10
cg17534029	2.65E-18	5.41E-20	-1.02E+01	34.5552022	-2.80E-01	62318426	62318549	NC_000020.10
cg02259081	2.67E-18	5.46E-20	-1.02E+01	34.5470581	-1.38E-01	53268433	53268556	NC_000012.11
cg06884882	2.69E-18	5.49E-20	-1.02E+01	34.5413185	-1.46E-01	45187946	45188069	NC_000001.10
cg07664990	2.69E-18	5.49E-20	-1.02E+01	34.5409492	-7.76E-02	55294721	55294844	NC_000008.10
cg10948220	2.69E-18	5.50E-20	-1.02E+01	34.5397754	-9.48E-02	75775319	75775442	NC_000002.11
cg11517309	2.74E-18	5.61E-20	-1.02E+01	34.5203503	-1.05E-01	86565390	86565513	NC_000002.11
cg24930915	2.75E-18	5.62E-20	-1.02E+01	34.518594	-7.03E-02	2199120	2199243	NC_000016.9
cg01647632	2.75E-18	5.62E-20	-1.02E+01	34.5182898	-1.63E-01	89438905	89439028	NC_000015.9
cg23423766	2.75E-18	5.63E-20	-1.02E+01	34.5171635	-6.38E-02	13614841	13614964	NC_000006.11
cg08455089	2.75E-18	5.63E-20	-1.02E+01	34.517022	-2.05E-01	37292135	37292258	NC_000006.11
cg21993290	2.75E-18	5.63E-20	-1.02E+01	34.5169488	-1.29E-01	233703120	233703243	NC_000002.11
cg23681440	2.76E-18	5.64E-20	-1.02E+01	34.5140973	-1.50E-01	27498239	27498362	NC_000013.10
cg08147181	2.76E-18	5.64E-20	-1.02E+01	34.513988	-2.42E-01	103394355	103394478	NC_000014.8
cg12277870	2.77E-18	5.68E-20	-1.02E+01	34.5082571	-2.12E-01	208137626	208137749	NC_000001.10
cg21640994	2.79E-18	5.71E-20	-1.02E+01	34.5024652	-9.93E-02	30454772	30454895	NC_000017.10

cg14345131	2.79E-18	5.71E-20	-1.02E+01	34.5023219	-1.68E-01	233741790	233741913	NC_000002.11
cg12371563	2.79E-18	5.71E-20	-1.02E+01	34.5020478	-1.89E-01	123986915	123987038	NC_000005.9
cg07103618	2.79E-18	5.71E-20	-1.02E+01	34.5019584	-1.76E-01	228337366	228337489	NC_000001.10
cg01638311	2.79E-18	5.72E-20	-1.02E+01	34.5012229	-2.46E-01	65887103	65887226	NC_000011.9
cg13772414	2.81E-18	5.76E-20	-1.02E+01	34.4943607	-2.34E-01	222383060	222383183	NC_000002.11
cg16609872	2.81E-18	5.77E-20	-1.02E+01	34.4917195	-1.53E-01	2828364	2828487	NC_000011.9
cg15186638	2.84E-18	5.82E-20	-1.02E+01	34.4833357	-1.51E-01	49231688	49231811	NC_000008.10
cg23437479	2.84E-18	5.83E-20	-1.02E+01	34.4810064	-2.24E-01	49940353	49940476	NC_000003.11
cg00607194	2.85E-18	5.84E-20	-1.02E+01	34.4801109	-2.67E-01	47479795	47479918	NC_000012.11
cg18419534	2.87E-18	5.89E-20	-1.02E+01	34.4721092	-1.95E-01	793009	793132	NC_000004.11
cg00330370	2.87E-18	5.90E-20	-1.02E+01	34.4698609	-6.79E-02	156630119	156630242	NC_000001.10
cg13984330	2.88E-18	5.91E-20	-1.02E+01	34.4686723	-2.45E-01	58637589	58637712	NC_000017.10
cg17474524	2.88E-18	5.91E-20	-1.02E+01	34.467774	-1.81E-01	62168831	62168954	NC_000020.10
cg21908110	2.90E-18	5.96E-20	-1.02E+01	34.4605943	-2.83E-01	50377755	50377878	NC_000003.11
cg20272979	2.91E-18	5.98E-20	-1.02E+01	34.4570865	-2.38E-01	41787780	41787903	NC_000015.9
cg13966710	2.92E-18	6.00E-20	-1.02E+01	34.4537821	-5.38E-02	113392781	113392904	NC_000001.10
cg13488556	2.92E-18	6.00E-20	-1.02E+01	34.4526827	-2.52E-01	43532047	43532170	NC_000015.9
cg07370464	2.93E-18	6.03E-20	-1.02E+01	34.4486491	-8.27E-02	43394456	43394579	NC_000017.10
cg18646521	2.93E-18	6.04E-20	-1.02E+01	34.4473745	-1.78E-01	111875858	111875981	NC_000002.11
cg02888838	2.96E-18	6.10E-20	-1.02E+01	34.4375511	-5.80E-02	128459936	128460059	NC_000002.11
cg02390725	2.96E-18	6.10E-20	-1.02E+01	34.4364721	-1.99E-01	2925768	2925891	NC_000011.9
cg04737087	2.98E-18	6.13E-20	-1.02E+01	34.4322454	-1.42E-01	71205052	71205175	NC_000002.11
cg06472476	2.99E-18	6.15E-20	-1.02E+01	34.4286754	-2.17E-01	54369471	54369594	NC_000019.9
cg09153448	2.99E-18	6.17E-20	-1.02E+01	34.4260949	-1.94E-01	67347724	67347847	NC_000011.9
cg26781303	3.00E-18	6.18E-20	-1.02E+01	34.4233112	-1.46E-01	4233131	4233254	NC_000016.9

cg27632911	3.00E-18	6.19E-20	-1.02E+01	34.4225073	-1.08E-01	34205182	34205305	NC_000020.10
cg04189320	3.01E-18	6.20E-20	-1.02E+01	34.4215834	-1.73E-01	31691214	31691337	NC_000015.9
cg12403162	3.01E-18	6.22E-20	-1.02E+01	34.418098	-2.36E-01	116394557	116394680	NC_000010.10
cg07895684	3.02E-18	6.22E-20	-1.02E+01	34.4173022	-7.36E-02	38179815	38179938	NC_000003.11
cg12232778	3.02E-18	6.23E-20	-1.02E+01	34.4168083	-6.70E-02	56324064	56324187	NC_000020.10
cg16888658	3.03E-18	6.25E-20	-1.02E+01	34.4128554	-2.93E-01	25142117	25142240	NC_000002.11
cg03765041	3.05E-18	6.30E-20	-1.02E+01	34.404509	-1.65E-01	158620335	158620458	NC_000007.13
cg18995788	3.06E-18	6.32E-20	-1.02E+01	34.4014075	-2.69E-01	62673444	62673567	NC_000008.10
cg06911744	3.06E-18	6.32E-20	-1.02E+01	34.4011727	-2.52E-01	3276507	3276630	NC_000001.10
cg04642300	3.06E-18	6.33E-20	-1.02E+01	34.400532	-2.29E-01	109288592	109288715	NC_000006.11
cg18936620	3.08E-18	6.36E-20	-1.02E+01	34.3949115	-1.57E-01	43811019	43811142	NC_000001.10
cg06208158	3.09E-18	6.38E-20	-1.02E+01	34.3926462	-1.91E-01	29168730	29168853	NC_000016.9
cg16777510	3.09E-18	6.39E-20	-1.02E+01	34.3913303	-2.41E-01	40440022	40440145	NC_000017.10
cg09644356	3.09E-18	6.40E-20	-1.02E+01	34.3900469	-1.87E-01	121322010	121322133	NC_000002.11
cg14397813	3.09E-18	6.40E-20	-1.02E+01	34.3896735	-1.96E-01	80522508	80522631	NC_000009.11
cg26900458	3.11E-18	6.43E-20	-1.02E+01	34.3847945	-6.35E-02	128806889	128807012	NC_000008.10
cg25318189	3.11E-18	6.43E-20	-1.02E+01	34.3845787	-1.82E-01	2800436	2800559	NC_000007.13
cg26605164	3.12E-18	6.45E-20	-1.02E+01	34.3812863	-2.36E-01	102821565	102821688	NC_000010.10
cg20343832	3.12E-18	6.46E-20	-1.02E+01	34.3801558	-1.27E-01	52207897	52208020	NC_000012.11
cg04264726	3.12E-18	6.46E-20	-1.02E+01	34.3800855	-1.24E-01	49710768	49710891	NC_000003.11
cg18190798	3.13E-18	6.49E-20	-1.02E+01	34.3757953	-1.89E-01	47029335	47029458	NC_000003.11
cg16714154	3.15E-18	6.52E-20	-1.02E+01	34.3708445	-2.49E-01	4652671	4652794	NC_000007.13
cg23303108	3.15E-18	6.53E-20	-1.02E+01	34.3699012	-2.09E-01	23083578	23083701	NC_000008.10
cg18749617	3.15E-18	6.53E-20	-1.02E+01	34.3695705	-1.87E-01	102028637	102028760	NC_000015.9
cg10261589	3.16E-18	6.54E-20	-1.02E+01	34.368104	-7.63E-02	103997969	103998092	NC_000004.11

cg26515162	3.19E-18	6.61E-20	-1.02E+01	34.356967	-2.05E-01	27480594	27480717	NC_000001.10
cg25362050	3.19E-18	6.62E-20	-1.02E+01	34.3552901	-1.45E-01	38470900	38471023	NC_000017.10
cg18452973	3.21E-18	6.65E-20	-1.02E+01	34.351604	-1.98E-01	3446004	3446127	NC_000012.11
cg20314331	3.21E-18	6.66E-20	-1.02E+01	34.3501281	-9.65E-02	131129567	131129690	NC_000002.11
cg18174530	3.22E-18	6.68E-20	-1.02E+01	34.3475317	-1.53E-01	67786085	67786208	NC_000011.9
cg19267205	3.22E-18	6.69E-20	-1.02E+01	34.3452505	-1.61E-01	9781963	9782086	NC_000001.10
cg05152300	3.23E-18	6.71E-20	-1.02E+01	34.3419697	-2.51E-01	17458534	17458657	NC_000016.9
cg09164913	3.24E-18	6.72E-20	-1.02E+01	34.3406664	-1.34E-01	78963221	78963344	NC_000017.10
cg19131731	3.25E-18	6.74E-20	-1.02E+01	34.3377061	-1.99E-01	30643042	30643165	NC_000022.10
cg16789230	3.25E-18	6.76E-20	-1.02E+01	34.3358146	-1.55E-01	197806891	197807014	NC_000003.11
cg12415569	3.25E-18	6.76E-20	-1.02E+01	34.3352211	-1.76E-01	322831	322954	NC_000012.11
cg22356324	3.25E-18	6.76E-20	-1.02E+01	34.3349815	-1.85E-01	71077947	71078070	NC_000010.10
cg23419907	3.26E-18	6.77E-20	-1.02E+01	34.3331138	-1.70E-01	220154319	220154442	NC_000002.11
cg19885306	3.26E-18	6.77E-20	-1.02E+01	34.3330566	-1.71E-01	44457781	44457904	NC_000006.11
cg01487910	3.26E-18	6.78E-20	-1.02E+01	34.3322554	-1.89E-01	35453938	35454061	NC_000006.11
cg09226692	3.28E-18	6.82E-20	-1.02E+01	34.3267396	-6.94E-02	43422490	43422613	NC_000006.11
cg07652189	3.28E-18	6.82E-20	-1.02E+01	34.3266529	-2.16E-01	4587217	4587340	NC_000004.11
cg25106461	3.29E-18	6.85E-20	-1.02E+01	34.3223383	-6.19E-02	105780340	105780463	NC_000014.8
cg05396212	3.29E-18	6.85E-20	-1.02E+01	34.3215609	-1.11E-01	39683705	39683828	NC_000017.10
cg15826479	3.30E-18	6.85E-20	-1.02E+01	34.3213342	-2.06E-01	78806493	78806616	NC_000017.10
cg01589998	3.30E-18	6.87E-20	-1.02E+01	34.3192856	-1.07E-01	109729478	109729601	NC_000012.11
cg20533899	3.32E-18	6.90E-20	-1.02E+01	34.3149108	-1.32E-01	76381105	76381228	NC_000011.9
cg26346796	3.33E-18	6.92E-20	-1.02E+01	34.311394	-1.75E-01	32054867	32054990	NC_000006.11
cg10960375	3.34E-18	6.95E-20	-1.02E+01	34.3080351	-1.64E-01	42694144	42694267	NC_000003.11
cg05468024	3.35E-18	6.97E-20	-1.02E+01	34.3043725	-9.93E-02	1748710	1748833	NC_000019.9

cg04413069	3.35E-18	6.99E-20	-1.02E+01	34.3025452	-6.93E-02	9800446	9800569	NC_000012.11
ch.12.2480290F	3.36E-18	6.99E-20	-1.02E+01	34.3021968	-1.32E-01	120471011	120471134	NC_000012.11
cg03363565	3.36E-18	7.00E-20	-1.02E+01	34.3008729	-1.69E-01	474528	474651	NC_000016.9
cg24087613	3.36E-18	7.01E-20	-1.02E+01	34.2994657	-8.32E-02	129112470	129112593	NC_000004.11
cg26110645	3.37E-18	7.03E-20	-1.02E+01	34.2960565	-1.17E-01	73090063	73090186	NC_000002.11
cg14580081	3.38E-18	7.04E-20	-1.02E+01	34.2954082	-7.75E-02	45873861	45873984	NC_000019.9
cg05110133	3.42E-18	7.12E-20	-1.02E+01	34.2832869	-7.12E-02	3220565	3220688	NC_000020.10
cg15765546	3.42E-18	7.12E-20	-1.02E+01	34.2831418	-2.33E-01	133776357	133776480	NC_000003.11
cg13874654	3.42E-18	7.14E-20	-1.02E+01	34.2807641	-1.54E-01	9019336	9019459	NC_000017.10
cg24756403	3.42E-18	7.15E-20	-1.02E+01	34.2799834	-2.18E-01	115860310	115860433	NC_000010.10
cg05979320	3.43E-18	7.17E-20	-1.02E+01	34.277297	-8.59E-02	49629187	49629310	NC_000012.11
cg03620376	3.46E-18	7.23E-20	-1.02E+01	34.2681436	-1.94E-01	54984272	54984395	NC_000019.9
cg10307345	3.47E-18	7.25E-20	-1.02E+01	34.2660149	-1.65E-01	18771567	18771690	NC_000011.9
cg12720459	3.48E-18	7.27E-20	-1.02E+01	34.2627817	-7.61E-02	56585092	56585215	NC_000014.8
cg13329889	3.53E-18	7.38E-20	-1.02E+01	34.2484039	-7.98E-02	5705264	5705387	NC_000007.13
cg09981464	3.53E-18	7.38E-20	-1.02E+01	34.2476346	-2.26E-01	87441659	87441782	NC_000016.9
cg24884140	3.53E-18	7.39E-20	-1.02E+01	34.2471579	-2.28E-01	19250190	19250313	NC_000017.10
cg25916307	3.53E-18	7.39E-20	-1.02E+01	34.2467273	-8.73E-02	29467684	29467807	NC_000022.10
cg12273325	3.53E-18	7.39E-20	-1.02E+01	34.2464674	-1.63E-01	31689831	31689954	NC_000022.10
cg20608306	3.55E-18	7.43E-20	-1.02E+01	34.2418351	-1.00E-01	116969690	116969813	NC_000011.9
cg17749033	3.56E-18	7.44E-20	-1.02E+01	34.2398134	-1.73E-01	80197412	80197535	NC_000017.10
cg19727499	3.58E-18	7.49E-20	-1.02E+01	34.2332888	-2.15E-01	49628740	49628863	NC_000019.9
cg10175334	3.58E-18	7.50E-20	-1.02E+01	34.2317674	-2.42E-01	27449755	27449878	NC_000008.10
ch.19.11892768R	3.59E-18	7.52E-20	-1.02E+01	34.2288662	-7.52E-02	12031768	12031891	NC_000019.9
cg09527362	3.61E-18	7.57E-20	-1.02E+01	34.2227997	-1.73E-01	74162142	74162265	NC_000006.11

cg08380391	3.62E-18	7.59E-20	-1.02E+01	34.2208799	-1.66E-01	79109729	79109852	NC_000017.10
cg21237959	3.63E-18	7.60E-20	-1.02E+01	34.2191991	-1.60E-01	90967496	90967619	NC_000014.8
cg24896460	3.63E-18	7.61E-20	-1.02E+01	34.2173068	-1.86E-01	73188814	73188937	NC_000005.9
cg20797699	3.64E-18	7.63E-20	-1.02E+01	34.2146241	-1.38E-01	61776851	61776974	NC_000017.10
cg05470166	3.64E-18	7.64E-20	-1.02E+01	34.2144236	-1.73E-01	35905608	35905731	NC_000009.11
cg05766251	3.65E-18	7.65E-20	-1.02E+01	34.2129917	-1.40E-01	37024760	37024883	NC_000017.10
cg00018181	3.66E-18	7.67E-20	-1.02E+01	34.2098052	-1.77E-01	101931734	101931857	NC_000007.13
cg05402319	3.68E-18	7.72E-20	-1.02E+01	34.2029934	-1.31E-01	45383543	45383666	NC_000015.9
cg23622047	3.71E-18	7.78E-20	-1.02E+01	34.1951873	-2.12E-01	173701464	173701587	NC_000002.11
cg16764778	3.71E-18	7.79E-20	-1.02E+01	34.1940874	-1.74E-01	41061410	41061533	NC_000015.9
cg21490635	3.72E-18	7.80E-20	-1.02E+01	34.1928893	-2.13E-01	13349273	13349396	NC_000012.11
cg06998507	3.73E-18	7.84E-20	-1.02E+01	34.1884307	-1.23E-01	84273740	84273863	NC_000016.9
cg08040836	3.75E-18	7.87E-20	-1.02E+01	34.1839236	-1.11E-01	53273301	53273424	NC_000012.11
cg19539004	3.78E-18	7.94E-20	-1.02E+01	34.1759107	-1.53E-01	30643376	30643499	NC_000022.10
cg13085530	3.78E-18	7.95E-20	-1.02E+01	34.173875	-1.00E-01	117665186	117665309	NC_000001.10
cg26395331	3.80E-18	7.98E-20	-1.02E+01	34.1700761	-1.82E-01	111856140	111856263	NC_000003.11
cg07859439	3.81E-18	8.02E-20	-1.02E+01	34.16581	-1.79E-01	197792757	197792880	NC_000002.11
cg25808809	3.84E-18	8.07E-20	-1.02E+01	34.1590057	-1.45E-01	114917199	114917322	NC_000013.10
cg02571534	3.85E-18	8.10E-20	-1.02E+01	34.1554895	-1.77E-01	66858375	66858498	NC_000015.9
cg00546897	3.87E-18	8.14E-20	-1.02E+01	34.1509914	-1.79E-01	45232232	45232355	NC_000021.8
cg27230882	3.87E-18	8.15E-20	-1.02E+01	34.1500433	-2.00E-01	110976749	110976872	NC_000001.10
cg06463142	3.88E-18	8.18E-20	-1.02E+01	34.1457134	-1.27E-01	144820826	144820949	NC_000008.10
cg17243654	3.89E-18	8.18E-20	-1.02E+01	34.1455373	-1.70E-01	109816280	109816403	NC_000001.10
cg04250837	3.90E-18	8.22E-20	-1.02E+01	34.1417147	-2.41E-01	231765185	231765308	NC_000001.10
cg09276883	3.90E-18	8.23E-20	-1.02E+01	34.1402382	-1.19E-01	210501966	210502089	NC_000001.10

cg21052656	3.91E-18	8.25E-20	-1.02E+01	34.137565	-1.51E-01	67250046	67250169	NC_000011.9
cg08321576	3.92E-18	8.27E-20	-1.02E+01	34.1347532	-7.86E-02	10022229	10022352	NC_000012.11
cg07992484	3.94E-18	8.32E-20	-1.02E+01	34.1292129	-1.70E-01	106724161	106724284	NC_000002.11
cg07807470	3.94E-18	8.32E-20	-1.02E+01	34.1290647	-1.93E-01	28837350	28837473	NC_000001.10
cg09043214	3.95E-18	8.33E-20	-1.02E+01	34.1275889	-2.54E-01	6442873	6442996	NC_000012.11
cg26758857	3.96E-18	8.35E-20	-1.02E+01	34.1256512	-1.56E-01	36649135	36649258	NC_000022.10
cg21365602	3.97E-18	8.38E-20	-1.02E+01	34.1217069	-1.38E-01	89664407	89664530	NC_000001.10
cg10046620	3.98E-18	8.40E-20	-1.02E+01	34.1191983	-1.57E-01	27775042	27775165	NC_000006.11
cg24104611	3.99E-18	8.43E-20	-1.02E+01	34.1164821	-1.74E-01	45637132	45637255	NC_000022.10
cg13065206	4.02E-18	8.49E-20	-1.02E+01	34.1090911	-1.87E-01	41062017	41062140	NC_000015.9
cg17162260	4.03E-18	8.51E-20	-1.02E+01	34.106897	-5.64E-02	63276779	63276902	NC_000002.11
cg05275832	4.03E-18	8.52E-20	-1.02E+01	34.1054321	-2.32E-01	27984686	27984809	NC_000002.11
cg25225070	4.06E-18	8.59E-20	-1.02E+01	34.0979914	-1.87E-01	9587743	9587866	NC_000011.9
cg18787437	4.07E-18	8.61E-20	-1.02E+01	34.0947065	-2.34E-01	16499673	16499796	NC_000001.10
cg23109530	4.08E-18	8.63E-20	-1.02E+01	34.0925964	-1.76E-01	94944912	94945035	NC_000008.10
cg20721542	4.09E-18	8.65E-20	-1.02E+01	34.0908397	-6.33E-02	48045906	48046029	NC_000017.10
cg22514963	4.10E-18	8.67E-20	-1.02E+01	34.0878546	-1.01E-01	49259997	49260120	NC_000012.11
cg03769927	4.11E-18	8.70E-20	-1.02E+01	34.0846951	-1.98E-01	27480849	27480972	NC_000001.10
cg01763453	4.13E-18	8.75E-20	-1.02E+01	34.0791464	-1.69E-01	81764614	81764737	NC_000016.9
cg12104698	4.13E-18	8.75E-20	-1.02E+01	34.0789131	-1.74E-01	139529130	139529253	NC_000007.13
cg26971423	4.15E-18	8.78E-20	-1.02E+01	34.0758328	-2.50E-01	63785031	63785154	NC_000015.9
cg23903252	4.15E-18	8.79E-20	-1.02E+01	34.0750566	-1.35E-01	149569998	149570121	NC_000007.13
cg17984022	4.18E-18	8.86E-20	-1.02E+01	34.0666739	-1.10E-01	105156566	105156689	NC_000014.8
cg11128212	4.18E-18	8.87E-20	-1.02E+01	34.0662775	-2.08E-01	46068618	46068741	NC_000012.11
cg14681629	4.20E-18	8.90E-20	-1.02E+01	34.0619286	-1.26E-01	43041808	43041931	NC_000005.9

cg02788146	4.21E-18	8.93E-20	-1.02E+01	34.0588343	-7.01E-02	134717975	134718098	NC_000010.10
cg20663219	4.22E-18	8.94E-20	-1.02E+01	34.058332	-1.97E-01	73130521	73130644	NC_000007.13
cg07157333	4.22E-18	8.95E-20	-1.02E+01	34.0570466	-2.03E-01	19422554	19422677	NC_000016.9
cg14085262	4.24E-18	8.99E-20	-1.02E+01	34.052056	-1.50E-01	203155938	203156061	NC_000001.10
cg12800047	4.24E-18	9.00E-20	-1.02E+01	34.0510722	-2.28E-01	106566411	106566534	NC_000011.9
cg04901835	4.25E-18	9.00E-20	-1.02E+01	34.0508052	-2.08E-01	9127501	9127624	NC_000001.10
cg02999711	4.27E-18	9.06E-20	-1.02E+01	34.0444956	-2.44E-01	205417436	205417559	NC_000001.10
cg11329058	4.28E-18	9.07E-20	-1.02E+01	34.043572	-1.77E-01	78549358	78549481	NC_000017.10
cg14533523	4.28E-18	9.08E-20	-1.02E+01	34.0426087	-2.76E-01	169852497	169852620	NC_000006.11
cg25856811	4.28E-18	9.09E-20	-1.02E+01	34.0416846	-2.12E-01	152973957	152974080	NC_000001.10
cg06818159	4.29E-18	9.11E-20	-1.02E+01	34.0388514	-2.02E-01	16628713	16628836	NC_000004.11
cg02186444	4.30E-18	9.14E-20	-1.02E+01	34.0364915	-2.12E-01	73120977	73121100	NC_000017.10
cg00850083	4.31E-18	9.14E-20	-1.02E+01	34.0355161	-1.71E-01	40985387	40985510	NC_000021.8
cg24527945	4.31E-18	9.15E-20	-1.02E+01	34.0351146	-7.64E-02	57844915	57845038	NC_000004.11
cg18994606	4.32E-18	9.17E-20	-1.02E+01	34.0323161	-2.22E-01	111827966	111828089	NC_000010.10
cg17345741	4.32E-18	9.18E-20	-1.02E+01	34.0313399	-1.72E-01	69472652	69472775	NC_000014.8
cg21252105	4.36E-18	9.27E-20	-1.02E+01	34.0215455	-2.16E-01	139459307	139459430	NC_000009.11
cg18612255	4.37E-18	9.29E-20	-1.02E+01	34.0200168	-1.86E-01	1770715	1770838	NC_000012.11
cg14757107	4.39E-18	9.33E-20	-1.02E+01	34.0152476	-2.48E-01	16277615	16277738	NC_000006.11
cg12072001	4.40E-18	9.36E-20	-1.02E+01	34.0120642	-1.85E-01	1166767	1166890	NC_000004.11
cg04428535	4.47E-18	9.52E-20	-1.02E+01	33.9961166	-7.30E-02	50432391	50432514	NC_000019.9
cg14325733	4.47E-18	9.52E-20	-1.02E+01	33.9960958	-9.98E-02	103875134	103875257	NC_000010.10
cg26188212	4.48E-18	9.53E-20	-1.02E+01	33.9941099	-1.63E-01	228967124	228967247	NC_000001.10
cg23018091	4.49E-18	9.56E-20	-1.02E+01	33.9912243	-5.46E-02	32758168	32758291	NC_000001.10
cg04132199	4.50E-18	9.59E-20	-1.02E+01	33.9885828	-1.42E-01	102172572	102172695	NC_000014.8



cg00028135	4.53E-18	9.64E-20	-1.02E+01	33.9834233	-2.44E-01	114343673	114343796	NC_000003.11
ch.9.837340R	4.53E-18	9.65E-20	-1.02E+01	33.9818867	-8.60E-02	72347081	72347204	NC_000009.11
cg15232319	4.54E-18	9.66E-20	-1.02E+01	33.9807841	-1.20E-01	4376459	4376582	NC_000019.9
cg04293526	4.55E-18	9.69E-20	-1.02E+01	33.9777665	-1.77E-01	231730788	231730911	NC_000002.11
cg06560379	4.56E-18	9.71E-20	-1.02E+01	33.976172	-1.88E-01	44231305	44231428	NC_000006.11
cg22460123	4.57E-18	9.75E-20	-1.02E+01	33.9721587	-1.22E-01	52638294	52638417	NC_000012.11
cg08022717	4.58E-18	9.76E-20	-1.02E+01	33.971229	-2.07E-01	127955187	127955310	NC_000002.11
cg10771489	4.58E-18	9.77E-20	-1.02E+01	33.9696433	-1.21E-01	95236834	95236957	NC_000014.8
cg14769754	4.61E-18	9.83E-20	-1.02E+01	33.9641736	-1.35E-01	77641453	77641576	NC_000005.9
cg18056600	4.62E-18	9.85E-20	-1.02E+01	33.9618285	-1.57E-01	4642047	4642170	NC_000017.10
cg02693857	4.63E-18	9.89E-20	-1.02E+01	33.9582406	-1.63E-01	176738937	176739060	NC_000005.9
cg20434178	4.64E-18	9.89E-20	-1.02E+01	33.9578371	-7.97E-02	172968684	172968807	NC_000002.11
cg07161179	4.64E-18	9.90E-20	-1.02E+01	33.9565615	-2.18E-01	698201	698324	NC_000011.9
cg02189785	4.65E-18	9.92E-20	-1.02E+01	33.9543759	-9.43E-02	139891008	139891131	NC_000009.11
cg09941363	4.67E-18	9.97E-20	-1.02E+01	33.9499929	-2.81E-01	51730449	51730572	NC_000001.10
cg08695830	4.67E-18	9.97E-20	-1.02E+01	33.9494022	-5.40E-02	73703459	73703582	NC_000007.13
cg08210681	4.69E-18	1.00E-19	-1.02E+01	33.944922	-2.10E-01	130026698	130026821	NC_000011.9
cg04399083	4.69E-18	1.00E-19	-1.02E+01	33.9444683	-5.26E-02	82461423	82461546	NC_000006.11
cg21372571	4.70E-18	1.00E-19	-1.02E+01	33.9422687	-6.38E-02	114665013	114665136	NC_000006.11
cg23386330	4.72E-18	1.01E-19	-1.02E+01	33.9388348	-1.02E-01	13977556	13977679	NC_000011.9
cg20658466	4.72E-18	1.01E-19	-1.02E+01	33.9383863	-1.54E-01	46330719	46330842	NC_000007.13
cg13573276	4.74E-18	1.01E-19	-1.02E+01	33.9344089	-7.85E-02	57232898	57233021	NC_000008.10
cg25040562	4.74E-18	1.01E-19	-1.02E+01	33.9330654	-2.07E-01	99850049	99850172	NC_000014.8
cg15172966	4.75E-18	1.02E-19	-1.02E+01	33.9320383	-1.89E-01	32590145	32590268	NC_000012.11
cg24439686	4.75E-18	1.02E-19	-1.02E+01	33.9314017	-2.89E-01	76588724	76588847	NC_000017.10

cg14462124	4.76E-18	1.02E-19	-1.02E+01	33.9286967	-3.22E-01	197031748	197031871	NC_000002.11
cg21554861	4.77E-18	1.02E-19	-1.02E+01	33.9267203	-8.59E-02	99851060	99851183	NC_000004.11
cg22084410	4.78E-18	1.02E-19	-1.02E+01	33.9249898	-1.99E-01	51987688	51987811	NC_000003.11
cg13050357	4.78E-18	1.02E-19	-1.02E+01	33.9244172	-2.33E-01	1332618	1332741	NC_000004.11
cg09709457	4.78E-18	1.02E-19	-1.02E+01	33.9241729	-2.68E-01	194875295	194875418	NC_000003.11
cg04150954	4.79E-18	1.03E-19	-1.02E+01	33.9217171	-1.90E-01	80911463	80911586	NC_000010.10
cg13683374	4.81E-18	1.03E-19	-1.02E+01	33.9187617	-1.15E-01	72364767	72364890	NC_000017.10
cg26747301	4.81E-18	1.03E-19	-1.02E+01	33.9179499	-7.33E-02	50980265	50980388	NC_000019.9
cg26926665	4.82E-18	1.03E-19	-1.02E+01	33.9153079	-9.58E-02	7942338	7942461	NC_000017.10
cg07070728	4.83E-18	1.03E-19	-1.02E+01	33.91434	-1.64E-01	141399954	141400077	NC_000003.11
cg13582028	4.84E-18	1.04E-19	-1.02E+01	33.9100652	-1.75E-01	631115	631238	NC_000008.10
cg22937172	4.85E-18	1.04E-19	-1.01E+01	33.9092872	-2.56E-01	240168862	240168985	NC_000002.11
cg17156534	4.87E-18	1.04E-19	-1.01E+01	33.9053479	-1.33E-01	39658922	39659045	NC_000020.10
cg27478659	4.89E-18	1.05E-19	-1.01E+01	33.8997819	-1.57E-01	39769012	39769135	NC_000017.10
cg07910075	4.89E-18	1.05E-19	-1.01E+01	33.899638	-2.50E-01	153581494	153581617	NC_000001.10
cg07612923	4.94E-18	1.06E-19	-1.01E+01	33.8895472	-1.45E-01	117604196	117604319	NC_000003.11
cg14089474	4.96E-18	1.06E-19	-1.01E+01	33.8859078	-1.47E-01	45280184	45280307	NC_000019.9
cg01746044	4.98E-18	1.07E-19	-1.01E+01	33.8817389	-1.15E-01	30234775	30234898	NC_000022.10
cg15869492	4.99E-18	1.07E-19	-1.01E+01	33.8798764	-9.84E-02	36907295	36907418	NC_000017.10
cg13505393	4.99E-18	1.07E-19	-1.01E+01	33.8779848	-2.02E-01	76377572	76377695	NC_000011.9
cg22071224	5.02E-18	1.08E-19	-1.01E+01	33.8721927	-7.05E-02	171572348	171572471	NC_000002.11
cg20796467	5.03E-18	1.08E-19	-1.01E+01	33.8714421	-1.75E-01	106957995	106958118	NC_000006.11
cg06665109	5.03E-18	1.08E-19	-1.01E+01	33.8708289	-2.68E-01	54369436	54369559	NC_000019.9
cg05847960	5.08E-18	1.09E-19	-1.01E+01	33.8611613	-1.26E-01	10152774	10152897	NC_000020.10
cg25085755	5.08E-18	1.09E-19	-1.01E+01	33.8607897	-1.51E-01	139294323	139294446	NC_000005.9

cg00063982	5.08E-18	1.09E-19	-1.01E+01	33.8595376	-2.49E-01	53040491	53040614	NC_000001.10
cg08805500	5.09E-18	1.09E-19	-1.01E+01	33.8569688	-1.74E-01	100522155	100522278	NC_000012.11
cg21480043	5.10E-18	1.10E-19	-1.01E+01	33.8561466	-6.96E-02	41699282	41699405	NC_000019.9
cg04555312	5.10E-18	1.10E-19	-1.01E+01	33.8558373	-9.82E-02	54389114	54389237	NC_000012.11
cg13298859	5.11E-18	1.10E-19	-1.01E+01	33.8531729	-1.88E-01	2551996	2552119	NC_000007.13
cg08528735	5.13E-18	1.10E-19	-1.01E+01	33.8503708	-1.01E-01	184428879	184429002	NC_000003.11
cg16518266	5.13E-18	1.10E-19	-1.01E+01	33.8498191	-1.14E-01	218621552	218621675	NC_000002.11
cg00253228	5.14E-18	1.10E-19	-1.01E+01	33.8481075	-2.11E-01	145025610	145025733	NC_000008.10
cg02948884	5.25E-18	1.13E-19	-1.01E+01	33.825074	-9.72E-02	134369017	134369140	NC_000005.9
cg09884213	5.26E-18	1.13E-19	-1.01E+01	33.8236569	-1.98E-01	190788216	190788339	NC_000003.11
cg25597362	5.27E-18	1.14E-19	-1.01E+01	33.8200192	-1.81E-01	21767310	21767433	NC_000008.10
cg02363950	5.28E-18	1.14E-19	-1.01E+01	33.8179725	-1.83E-01	156676793	156676916	NC_000001.10
ch.6.40116829F	5.35E-18	1.15E-19	-1.01E+01	33.8045721	-9.08E-02	40008851	40008974	NC_000006.11
cg20042662	5.36E-18	1.15E-19	-1.01E+01	33.8042799	-2.08E-01	143535580	143535703	NC_000008.10
cg08759026	5.38E-18	1.16E-19	-1.01E+01	33.7988572	-1.72E-01	69061454	69061577	NC_000011.9
cg23899779	5.40E-18	1.17E-19	-1.01E+01	33.7950389	-1.52E-01	241190395	241190518	NC_000002.11
cg24203315	5.43E-18	1.17E-19	-1.01E+01	33.7895643	-7.79E-02	69455488	69455611	NC_000011.9
cg18105279	5.47E-18	1.18E-19	-1.01E+01	33.7818794	-1.39E-01	169570610	169570733	NC_000001.10
cg03274800	5.51E-18	1.19E-19	-1.01E+01	33.7758633	-2.11E-01	22852120	22852243	NC_000008.10
cg11836585	5.52E-18	1.19E-19	-1.01E+01	33.7737397	-8.38E-02	59225166	59225289	NC_000015.9
cg03714916	5.52E-18	1.19E-19	-1.01E+01	33.7731736	-9.14E-02	36645886	36646009	NC_000006.11
cg12703333	5.56E-18	1.20E-19	-1.01E+01	33.7662453	-2.01E-01	76962548	76962671	NC_000010.10
cg21249659	5.57E-18	1.20E-19	-1.01E+01	33.7624863	-2.08E-01	10324843	10324966	NC_000012.11
cg19991916	5.59E-18	1.21E-19	-1.01E+01	33.7589905	-3.26E-01	55610624	55610747	NC_000015.9
cg06218726	5.60E-18	1.21E-19	-1.01E+01	33.7585046	-7.19E-02	104583740	104583863	NC_000014.8

cg25466245	5.60E-18	1.21E-19	-1.01E+01	33.7576784	-2.04E-01	223407095	223407218	NC_000001.10
cg16240480	5.61E-18	1.21E-19	-1.01E+01	33.755964	-2.75E-01	236557473	236557596	NC_000001.10
cg04216117	5.63E-18	1.22E-19	-1.01E+01	33.7510864	-1.63E-01	737965	738088	NC_000011.9
cg14275340	5.65E-18	1.22E-19	-1.01E+01	33.7488196	-1.47E-01	58862450	58862573	NC_000014.8
cg17182302	5.68E-18	1.23E-19	-1.01E+01	33.7436848	-6.91E-02	116961525	116961648	NC_000001.10
cg23047271	5.69E-18	1.23E-19	-1.01E+01	33.7402412	-2.58E-01	64210991	64211114	NC_000003.11
cg12596505	5.70E-18	1.23E-19	-1.01E+01	33.738612	-1.03E-01	213090240	213090363	NC_000001.10
cg13325529	5.70E-18	1.23E-19	-1.01E+01	33.7383588	-5.18E-02	8079954	8080077	NC_000017.10
cg06724409	5.74E-18	1.24E-19	-1.01E+01	33.7323266	-1.80E-01	3821491	3821614	NC_000010.10
cg02286549	5.74E-18	1.24E-19	-1.01E+01	33.7317861	-8.57E-02	41700710	41700833	NC_000006.11
cg23746050	5.75E-18	1.24E-19	-1.01E+01	33.7301577	-1.84E-01	69063559	69063682	NC_000011.9
cg20436206	5.75E-18	1.25E-19	-1.01E+01	33.7293321	-2.37E-01	146910671	146910794	NC_000005.9
cg13156207	5.80E-18	1.26E-19	-1.01E+01	33.7205944	-2.46E-01	28873060	28873183	NC_000002.11
cg06438559	5.80E-18	1.26E-19	-1.01E+01	33.7202823	-2.17E-01	136478693	136478816	NC_000005.9
cg01543300	5.81E-18	1.26E-19	-1.01E+01	33.7188632	-9.21E-02	2426874	2426997	NC_000019.9
cg01767862	5.90E-18	1.28E-19	-1.01E+01	33.7028868	-2.09E-01	101454843	101454966	NC_000014.8
cg26988617	5.91E-18	1.28E-19	-1.01E+01	33.7008365	-2.31E-01	34410961	34411084	NC_000010.10
cg26167249	5.92E-18	1.28E-19	-1.01E+01	33.6989199	-1.81E-01	34586278	34586401	NC_000011.9
cg14790115	5.93E-18	1.29E-19	-1.01E+01	33.6981567	-2.13E-01	77511917	77512040	NC_000013.10
cg10740054	5.95E-18	1.29E-19	-1.01E+01	33.6933868	-1.77E-01	18548004	18548127	NC_000019.9
cg08008692	5.96E-18	1.29E-19	-1.01E+01	33.6924432	-2.29E-01	159961591	159961714	NC_000001.10
cg07064720	6.00E-18	1.30E-19	-1.01E+01	33.6847547	-1.75E-01	62762737	62762860	NC_000015.9
cg19950069	6.02E-18	1.31E-19	-1.01E+01	33.6819592	-1.69E-01	80372534	80372657	NC_000017.10
cg13549082	6.03E-18	1.31E-19	-1.01E+01	33.6793918	-1.06E-01	132369679	132369802	NC_000009.11
cg21519654	6.06E-18	1.32E-19	-1.01E+01	33.6738418	-2.02E-01	6289847	6289970	NC_000012.11

cg24052475	6.07E-18	1.32E-19	-1.01E+01	33.673189	-1.85E-01	228337181	228337304	NC_000001.10
cg09476006	6.07E-18	1.32E-19	-1.01E+01	33.6726777	-2.59E-01	138032270	138032393	NC_000005.9
cg08269653	6.09E-18	1.32E-19	-1.01E+01	33.6683015	-1.26E-01	177225530	177225653	NC_000001.10
cg13126206	6.11E-18	1.33E-19	-1.01E+01	33.6652859	-1.65E-01	22930189	22930312	NC_000008.10
cg07348300	6.14E-18	1.34E-19	-1.01E+01	33.6599959	-1.29E-01	37949342	37949465	NC_000001.10
cg14053030	6.15E-18	1.34E-19	-1.01E+01	33.6581125	-2.10E-01	43405493	43405616	NC_000018.9
cg06476693	6.15E-18	1.34E-19	-1.01E+01	33.6580541	-2.01E-01	130283454	130283577	NC_000011.9
cg06376426	6.16E-18	1.34E-19	-1.01E+01	33.6568065	-1.86E-01	24648203	24648326	NC_000001.10
cg23404711	6.18E-18	1.34E-19	-1.01E+01	33.6531394	-2.27E-01	75747047	75747170	NC_000014.8
cg19442415	6.18E-18	1.35E-19	-1.01E+01	33.6529169	-1.48E-01	116567334	116567457	NC_000011.9
cg01065161	6.20E-18	1.35E-19	-1.01E+01	33.6492619	-2.07E-01	98130127	98130250	NC_000010.10
cg09223940	6.21E-18	1.35E-19	-1.01E+01	33.6479532	-2.65E-01	65095871	65095994	NC_000014.8
cg09134497	6.21E-18	1.35E-19	-1.01E+01	33.6470971	-2.01E-01	155973286	155973409	NC_000001.10
cg10662179	6.23E-18	1.36E-19	-1.01E+01	33.643747	-1.18E-01	4417170	4417293	NC_000012.11
cg26853536	6.24E-18	1.36E-19	-1.01E+01	33.6426281	-1.75E-01	125399964	125400087	NC_000012.11
cg07933926	6.26E-18	1.36E-19	-1.01E+01	33.6393122	-1.59E-01	6485881	6486004	NC_000012.11
cg05064852	6.26E-18	1.37E-19	-1.01E+01	33.6379375	-2.34E-01	205902673	205902796	NC_000001.10
cg14642259	6.30E-18	1.37E-19	-1.01E+01	33.6324773	-3.23E-01	47359017	47359140	NC_000011.9
cg02319354	6.31E-18	1.38E-19	-1.01E+01	33.6308685	-1.95E-01	72530186	72530309	NC_000005.9
cg27165884	6.32E-18	1.38E-19	-1.01E+01	33.6287179	-2.14E-01	99473085	99473208	NC_000010.10
cg23517752	6.32E-18	1.38E-19	-1.01E+01	33.6285228	-1.73E-01	2021945	2022068	NC_000012.11
cg12253931	6.33E-18	1.38E-19	-1.01E+01	33.6265733	-2.65E-01	4475538	4475661	NC_000004.11
cg25843426	6.33E-18	1.38E-19	-1.01E+01	33.6259978	-1.72E-01	1497307	1497430	NC_000007.13
cg12062282	6.34E-18	1.38E-19	-1.01E+01	33.6244142	-1.22E-01	49524228	49524351	NC_000019.9
cg18748525	6.37E-18	1.39E-19	-1.01E+01	33.6204558	-9.22E-02	36409367	36409490	NC_000006.11

cg10583414	6.37E-18	1.39E-19	-1.01E+01	33.6200594	-1.99E-01	48207063	48207186	NC_000012.11
cg04294383	6.37E-18	1.39E-19	-1.01E+01	33.6198955	-1.97E-01	22954791	22954914	NC_000015.9
cg25769469	6.39E-18	1.39E-19	-1.01E+01	33.6169791	-2.87E-01	71643841	71643964	NC_000005.9
cg05471169	6.40E-18	1.40E-19	-1.01E+01	33.6145795	-2.16E-01	80255419	80255542	NC_000017.10
cg21140160	6.41E-18	1.40E-19	-1.01E+01	33.6132552	-2.10E-01	25508351	25508474	NC_000013.10
cg05708497	6.43E-18	1.41E-19	-1.01E+01	33.6093806	-1.43E-01	67241345	67241468	NC_000016.9
cg02538557	6.45E-18	1.41E-19	-1.01E+01	33.6064773	-1.90E-01	56025683	56025806	NC_000020.10
cg14023573	6.46E-18	1.41E-19	-1.01E+01	33.6053755	-1.80E-01	140971379	140971502	NC_000008.10
cg25377915	6.49E-18	1.42E-19	-1.01E+01	33.5990982	-1.33E-01	95127949	95128072	NC_000008.10
cg15816503	6.50E-18	1.42E-19	-1.01E+01	33.5982647	-1.53E-01	10530053	10530176	NC_000008.10
cg08076266	6.51E-18	1.42E-19	-1.01E+01	33.5959415	-2.16E-01	120190202	120190325	NC_000002.11
cg04193065	6.52E-18	1.43E-19	-1.01E+01	33.5948898	-1.68E-01	31528995	31529118	NC_000015.9
cg07306604	6.52E-18	1.43E-19	-1.01E+01	33.5948356	-1.57E-01	20229546	20229669	NC_000022.10
cg23684521	6.54E-18	1.43E-19	-1.01E+01	33.5919404	-7.83E-02	73926058	73926181	NC_000015.9
cg17892259	6.56E-18	1.44E-19	-1.01E+01	33.5887697	-2.33E-01	42149829	42149952	NC_000001.10
cg14329285	6.56E-18	1.44E-19	-1.01E+01	33.5878815	-2.25E-01	8911424	8911547	NC_000003.11
cg00923634	6.62E-18	1.45E-19	-1.01E+01	33.5789245	-2.04E-01	25968448	25968571	NC_000001.10
cg07863240	6.63E-18	1.45E-19	-1.01E+01	33.5771549	-1.35E-01	6819474	6819597	NC_000005.9
cg26196531	6.64E-18	1.45E-19	-1.01E+01	33.5760428	-1.14E-01	36236656	36236779	NC_000022.10
cg17824540	6.64E-18	1.46E-19	-1.01E+01	33.5748247	-1.89E-01	161260031	161260154	NC_000002.11
cg19160624	6.65E-18	1.46E-19	-1.01E+01	33.5733297	-1.99E-01	68221623	68221746	NC_000012.11
cg03893663	6.66E-18	1.46E-19	-1.01E+01	33.5725352	-2.49E-01	110067118	110067241	NC_000011.9
cg24546463	6.73E-18	1.48E-19	-1.01E+01	33.5612271	-1.25E-01	101662053	101662176	NC_000008.10
cg04717699	6.80E-18	1.49E-19	-1.01E+01	33.5509599	-2.06E-01	200343899	200344022	NC_000001.10
cg25515997	6.81E-18	1.50E-19	-1.01E+01	33.5481333	-2.51E-01	60673898	60674021	NC_000015.9

cg00944388	6.82E-18	1.50E-19	-1.01E+01	33.54728	-1.07E-01	2907695	2907818	NC_000016.9
cg06775420	6.83E-18	1.50E-19	-1.01E+01	33.5462846	-2.64E-01	1742245	1742368	NC_000016.9
cg08792423	6.85E-18	1.50E-19	-1.01E+01	33.5419185	-2.56E-01	29847991	29848114	NC_000007.13
cg07883622	6.87E-18	1.51E-19	-1.01E+01	33.5397923	-1.67E-01	62998134	62998257	NC_000012.11
cg17600393	6.87E-18	1.51E-19	-1.01E+01	33.5397132	-2.17E-01	1051107	1051230	NC_000002.11
cg20319926	6.87E-18	1.51E-19	-1.01E+01	33.5392143	-1.34E-01	685686	685809	NC_000016.9
cg14754494	6.90E-18	1.52E-19	-1.01E+01	33.5349692	-2.41E-01	50560743	50560866	NC_000007.13
cg27528695	6.92E-18	1.52E-19	-1.01E+01	33.5310424	-6.63E-02	109643479	109643602	NC_000001.10
cg25250013	6.93E-18	1.52E-19	-1.01E+01	33.5306441	-1.79E-01	11302225	11302348	NC_000019.9
cg08038974	6.93E-18	1.52E-19	-1.01E+01	33.5295358	-7.60E-02	45338122	45338245	NC_000020.10
cg10516701	6.94E-18	1.52E-19	-1.01E+01	33.5289428	-9.23E-02	155055166	155055289	NC_000001.10
cg06498232	6.94E-18	1.53E-19	-1.01E+01	33.5277257	-2.16E-01	72227063	72227186	NC_000003.11
cg13758331	6.97E-18	1.53E-19	-1.01E+01	33.524214	-1.97E-01	111893676	111893799	NC_000002.11
cg06530961	6.98E-18	1.54E-19	-1.01E+01	33.5213466	-2.09E-01	12038718	12038841	NC_000018.9
cg14169363	6.99E-18	1.54E-19	-1.01E+01	33.5211408	-8.17E-02	75747433	75747556	NC_000009.11
cg09367648	7.00E-18	1.54E-19	-1.01E+01	33.5188774	-4.30E-02	49027117	49027240	NC_000003.11
cg16357353	7.01E-18	1.54E-19	-1.01E+01	33.516896	-1.64E-01	20737787	20737910	NC_000001.10
cg03494634	7.03E-18	1.55E-19	-1.01E+01	33.5144424	-1.77E-01	9238958	9239081	NC_000019.9
cg11523020	7.04E-18	1.55E-19	-1.01E+01	33.5120819	-1.02E-01	45681036	45681159	NC_000022.10
ch.1.1248481R	7.08E-18	1.56E-19	-1.01E+01	33.5071959	-9.56E-02	39766459	39766582	NC_000001.10
cg07556018	7.08E-18	1.56E-19	-1.01E+01	33.5056856	-1.84E-01	2677341	2677464	NC_000011.9
cg14174204	7.12E-18	1.57E-19	-1.01E+01	33.5009129	-1.04E-01	63276700	63276823	NC_000002.11
cg23987336	7.13E-18	1.57E-19	-1.01E+01	33.4996587	-1.44E-01	7959907	7960030	NC_000017.10
cg17125688	7.13E-18	1.57E-19	-1.01E+01	33.4994679	-1.26E-01	20646181	20646304	NC_000002.11
cg14526021	7.13E-18	1.57E-19	-1.01E+01	33.499431	-2.40E-01	101512931	101513054	NC_000007.13

cg22509504	7.13E-18	1.57E-19	-1.01E+01	33.4992823	-1.90E-01	19322114	19322237	NC_000017.10
cg07972954	7.15E-18	1.58E-19	-1.01E+01	33.4953454	-1.33E-01	30690392	30690515	NC_000006.11
cg24854861	7.20E-18	1.59E-19	-1.01E+01	33.4885982	-2.01E-01	24609900	24610023	NC_000011.9
cg10505902	7.20E-18	1.59E-19	-1.01E+01	33.4880728	-1.85E-01	144892111	144892234	NC_000001.10
cg04746197	7.21E-18	1.59E-19	-1.01E+01	33.4876422	-7.81E-02	2951300	2951423	NC_000011.9
cg25101061	7.21E-18	1.59E-19	-1.01E+01	33.487563	-1.46E-01	176739547	176739670	NC_000005.9
cg04662961	7.21E-18	1.59E-19	-1.01E+01	33.4867224	-9.94E-02	44486562	44486685	NC_000015.9
cg13286620	7.22E-18	1.59E-19	-1.01E+01	33.4860161	-1.87E-01	14715425	14715548	NC_000003.11
cg05641351	7.27E-18	1.60E-19	-1.01E+01	33.4784392	-3.68E-02	155099332	155099455	NC_000001.10
cg09678829	7.29E-18	1.61E-19	-1.01E+01	33.4755253	-1.98E-01	834456	834579	NC_000007.13
cg26172812	7.29E-18	1.61E-19	-1.01E+01	33.4754559	-1.14E-01	48837548	48837671	NC_000019.9
cg02541613	7.30E-18	1.61E-19	-1.01E+01	33.473595	-9.52E-02	54070297	54070420	NC_000012.11
cg24367957	7.31E-18	1.61E-19	-1.01E+01	33.4722333	-2.74E-01	161931993	161932116	NC_000001.10
cg03339817	7.31E-18	1.61E-19	-1.01E+01	33.4718966	-2.06E-01	128458281	128458404	NC_000002.11
cg16429819	7.31E-18	1.62E-19	-1.01E+01	33.4711006	-1.00E-01	49395585	49395708	NC_000003.11
cg13313836	7.34E-18	1.62E-19	-1.01E+01	33.4665942	-2.21E-01	60687284	60687407	NC_000015.9
cg13102294	7.39E-18	1.63E-19	-1.01E+01	33.4608962	-1.47E-01	32121393	32121516	NC_000006.11
cg19186380	7.44E-18	1.64E-19	-1.01E+01	33.453877	-1.40E-01	54427029	54427152	NC_000012.11
cg23095988	7.45E-18	1.65E-19	-1.01E+01	33.4519306	-1.49E-01	6445804	6445927	NC_000001.10
cg20495404	7.49E-18	1.66E-19	-1.01E+01	33.4470472	-1.73E-01	8823649	8823772	NC_000002.11
cg13831136	7.49E-18	1.66E-19	-1.01E+01	33.4467872	-1.74E-01	30070342	30070465	NC_000006.11
cg22507354	7.51E-18	1.66E-19	-1.01E+01	33.4434985	-1.33E-01	62493832	62493955	NC_000017.10
cg25417223	7.53E-18	1.67E-19	-1.01E+01	33.4409704	-1.09E-01	13209306	13209429	NC_000019.9
cg23061795	7.58E-18	1.68E-19	-1.01E+01	33.4341525	-2.22E-01	106269962	106270085	NC_000011.9
cg11107430	7.62E-18	1.69E-19	-1.01E+01	33.4286828	-1.56E-01	105230660	105230783	NC_000010.10



cg15774065	7.63E-18	1.69E-19	-1.01E+01	33.4270468	-1.52E-01	79495320	79495443	NC_000017.10
cg20142972	7.68E-18	1.70E-19	-1.01E+01	33.4198673	-1.52E-01	150652808	150652931	NC_000007.13
cg05693611	7.73E-18	1.71E-19	-1.01E+01	33.413595	-1.29E-01	150263722	150263845	NC_000006.11
cg19162768	7.73E-18	1.71E-19	-1.01E+01	33.4131618	-2.50E-01	96898476	96898599	NC_000015.9
cg26534508	7.73E-18	1.71E-19	-1.01E+01	33.4129566	-7.16E-02	236306311	236306434	NC_000001.10
cg07959046	7.76E-18	1.72E-19	-1.01E+01	33.4087655	-1.05E-01	31382025	31382148	NC_000001.10
cg02595280	7.78E-18	1.72E-19	-1.01E+01	33.4070434	-2.40E-01	117674278	117674401	NC_000012.11
cg16372520	7.79E-18	1.73E-19	-1.01E+01	33.4052784	-1.40E-01	78869751	78869874	NC_000014.8
cg25202280	7.80E-18	1.73E-19	-1.01E+01	33.4042256	-1.50E-01	79521089	79521212	NC_000017.10
cg00581334	7.81E-18	1.73E-19	-1.01E+01	33.4028732	-1.96E-01	137904059	137904182	NC_000003.11
cg13067634	7.81E-18	1.73E-19	-1.01E+01	33.4026014	-1.65E-01	45806350	45806473	NC_000001.10
cg23197867	7.82E-18	1.74E-19	-1.01E+01	33.4004012	-1.01E-01	100659756	100659879	NC_000014.8
cg15182320	7.83E-18	1.74E-19	-1.01E+01	33.4001212	-8.28E-02	192096	192219	NC_000011.9
cg23523648	7.84E-18	1.74E-19	-1.01E+01	33.3984197	-5.01E-02	65614897	65615020	NC_000001.10
cg07533529	7.85E-18	1.74E-19	-1.01E+01	33.3971877	-5.54E-02	62379499	62379622	NC_000011.9
cg07461501	7.85E-18	1.74E-19	-1.01E+01	33.3963933	-9.77E-02	79650226	79650349	NC_000017.10
cg11802692	7.90E-18	1.75E-19	-1.01E+01	33.3897894	-4.36E-02	30066348	30066471	NC_000007.13
cg01265597	7.92E-18	1.76E-19	-1.01E+01	33.3870177	-7.83E-02	116164633	116164756	NC_000007.13
cg25556008	7.93E-18	1.76E-19	-1.01E+01	33.3856819	-2.08E-01	2525384	2525507	NC_000019.9
cg23752828	7.94E-18	1.76E-19	-1.01E+01	33.3839596	-2.17E-01	57941309	57941432	NC_000012.11
cg03078767	8.04E-18	1.79E-19	-1.01E+01	33.3710359	-2.52E-01	111154742	111154865	NC_000011.9
cg10963033	8.11E-18	1.80E-19	-1.01E+01	33.3622734	-1.58E-01	79166715	79166838	NC_000017.10
cg17383236	8.16E-18	1.81E-19	-1.01E+01	33.3561927	-1.46E-01	100167504	100167627	NC_000007.13
cg06677416	8.20E-18	1.82E-19	-1.01E+01	33.3508964	-2.35E-01	64495627	64495750	NC_000010.10
cg07904051	8.22E-18	1.83E-19	-1.01E+01	33.3479039	-1.63E-01	322983	323106	NC_000012.11

cg20311002	8.23E-18	1.83E-19	-1.01E+01	33.3470198	-2.45E-01	244763541	244763664	NC_000001.10
cg01464703	8.23E-18	1.83E-19	-1.01E+01	33.3466923	-2.52E-01	130903135	130903258	NC_000011.9
cg08005604	8.25E-18	1.84E-19	-1.01E+01	33.3443634	-1.27E-01	47128887	47129010	NC_000013.10
cg01758548	8.25E-18	1.84E-19	-1.01E+01	33.3434644	-1.69E-01	3209565	3209688	NC_000006.11
cg15450349	8.26E-18	1.84E-19	-1.01E+01	33.3427072	-2.24E-01	42269042	42269165	NC_000008.10
cg01854676	8.27E-18	1.84E-19	-1.01E+01	33.3417181	-2.29E-01	105147585	105147708	NC_000014.8
cg26920905	8.30E-18	1.85E-19	-1.01E+01	33.3376545	-4.76E-02	21718735	21718858	NC_000018.9
cg09363733	8.31E-18	1.85E-19	-1.01E+01	33.3357646	-1.02E-01	85767277	85767400	NC_000002.11
cg04431346	8.31E-18	1.85E-19	-1.01E+01	33.3355374	-1.75E-01	14494069	14494192	NC_000016.9
cg09194449	8.32E-18	1.85E-19	-1.01E+01	33.3351473	-1.99E-01	157482914	157483037	NC_000007.13
cg03880407	8.34E-18	1.86E-19	-1.01E+01	33.3322246	-1.38E-01	158830106	158830229	NC_000007.13
cg19285688	8.34E-18	1.86E-19	-1.01E+01	33.3318795	-1.35E-01	80994605	80994728	NC_000004.11
cg06333233	8.34E-18	1.86E-19	-1.01E+01	33.3313272	-2.23E-01	101966951	101967074	NC_000002.11
cg01681881	8.34E-18	1.86E-19	-1.01E+01	33.3311026	-1.38E-01	57407421	57407544	NC_000011.9
ch.3.1083063F	8.39E-18	1.87E-19	-1.01E+01	33.3252199	-7.16E-02	50213698	50213821	NC_000003.11
cg24595586	8.43E-18	1.88E-19	-1.01E+01	33.3199376	-2.31E-01	172009861	172009984	NC_000001.10
cg07059469	8.48E-18	1.89E-19	-1.01E+01	33.3147778	-1.69E-01	152421432	152421555	NC_000006.11
cg22358580	8.53E-18	1.90E-19	-1.01E+01	33.3080617	-1.51E-01	54426725	54426848	NC_000012.11
cg09473396	8.53E-18	1.91E-19	-1.01E+01	33.3079872	-1.23E-01	65131979	65132102	NC_000003.11
cg17438737	8.53E-18	1.91E-19	-1.01E+01	33.3079064	-6.44E-02	27759399	27759522	NC_000006.11
cg00265634	8.54E-18	1.91E-19	-1.01E+01	33.3071427	-4.93E-02	144798319	144798442	NC_000008.10
cg00703843	8.54E-18	1.91E-19	-1.01E+01	33.3066142	-1.66E-01	17632263	17632386	NC_000017.10
cg16310077	8.56E-18	1.91E-19	-1.01E+01	33.3036424	-1.07E-01	105554214	105554337	NC_000014.8
cg02893550	8.58E-18	1.92E-19	-1.01E+01	33.3018509	-2.10E-01	89119418	89119541	NC_000016.9
cg20899781	8.67E-18	1.94E-19	-1.01E+01	33.2907969	-2.53E-01	9705768	9705891	NC_000002.11

cg04010006	8.70E-18	1.95E-19	-1.01E+01	33.2870126	-6.58E-02	8933103	8933226	NC_000011.9
cg24906819	8.75E-18	1.96E-19	-1.01E+01	33.2816831	-2.14E-01	8231531	8231654	NC_000008.10
cg06407111	8.81E-18	1.97E-19	-1.01E+01	33.2735467	-1.52E-01	73872650	73872773	NC_000017.10
cg01424145	8.82E-18	1.97E-19	-1.01E+01	33.273018	-9.35E-02	44285333	44285456	NC_000019.9
cg23068558	8.82E-18	1.97E-19	-1.01E+01	33.2728219	-2.92E-01	63220652	63220775	NC_000015.9
cg04615850	8.94E-18	2.00E-19	-1.01E+01	33.2589645	-1.66E-01	5048814	5048937	NC_000019.9
cg08243465	8.95E-18	2.01E-19	-1.01E+01	33.2567579	-1.96E-01	56274036	56274159	NC_000020.10
cg07733481	8.96E-18	2.01E-19	-1.01E+01	33.2554264	-2.04E-01	122694286	122694409	NC_000003.11
cg13758054	8.97E-18	2.01E-19	-1.01E+01	33.2547521	-1.87E-01	136930777	136930900	NC_000009.11
cg00417147	9.00E-18	2.02E-19	-1.01E+01	33.2508605	-2.08E-01	125578545	125578668	NC_000012.11
cg17691156	9.04E-18	2.03E-19	-1.01E+01	33.2465313	-1.24E-01	59572928	59573051	NC_000008.10
cg03875678	9.05E-18	2.03E-19	-1.00E+01	33.244825	-1.69E-01	25103546	25103669	NC_000014.8
cg04767756	9.09E-18	2.04E-19	-1.00E+01	33.239875	-1.96E-01	10652706	10652829	NC_000016.9
cg24038058	9.09E-18	2.04E-19	-1.00E+01	33.2395465	-3.64E-02	1611745	1611868	NC_000006.11
cg27062243	9.19E-18	2.06E-19	-1.00E+01	33.2283868	-2.19E-01	114833720	114833843	NC_000010.10
cg05701125	9.21E-18	2.07E-19	-1.00E+01	33.2260307	-6.26E-02	11351106	11351229	NC_000016.9
cg06221946	9.22E-18	2.07E-19	-1.00E+01	33.2256111	-1.50E-01	32802312	32802435	NC_000001.10
cg13521944	9.25E-18	2.08E-19	-1.00E+01	33.2218483	-1.83E-01	45596948	45597071	NC_000022.10
cg10215032	9.25E-18	2.08E-19	-1.00E+01	33.2211966	-1.64E-01	1895407	1895530	NC_000002.11
cg10070969	9.28E-18	2.09E-19	-1.00E+01	33.2185109	-3.20E-02	27861007	27861130	NC_000006.11
cg26211060	9.28E-18	2.09E-19	-1.00E+01	33.2175713	-1.84E-01	3345821	3345944	NC_000012.11
cg22301128	9.35E-18	2.10E-19	-1.00E+01	33.2098576	-2.51E-01	77011716	77011839	NC_000004.11
cg23667602	9.37E-18	2.11E-19	-1.00E+01	33.2083555	-1.95E-01	960528	960651	NC_000007.13
cg11118235	9.37E-18	2.11E-19	-1.00E+01	33.2083553	-2.04E-01	50284010	50284133	NC_000003.11
cg15877233	9.39E-18	2.11E-19	-1.00E+01	33.2054276	-2.33E-01	40611688	40611811	NC_000007.13

cg17388996	9.40E-18	2.12E-19	-1.00E+01	33.2041173	-1.73E-01	108145374	108145497	NC_000006.11
cg02223135	9.44E-18	2.12E-19	-1.00E+01	33.2001953	-2.04E-01	133287773	133287896	NC_000003.11
cg06596543	9.45E-18	2.13E-19	-1.00E+01	33.1990347	-9.62E-02	37823905	37824028	NC_000017.10
cg20408175	9.47E-18	2.13E-19	-1.00E+01	33.1968873	-1.23E-01	53693169	53693292	NC_000012.11
cg07319375	9.52E-18	2.14E-19	-1.00E+01	33.1914089	-9.20E-02	6169384	6169507	NC_000001.10
cg02035425	9.52E-18	2.14E-19	-1.00E+01	33.1905184	-7.57E-02	140062632	140062755	NC_000009.11
cg03078551	9.56E-18	2.15E-19	-1.00E+01	33.1869126	-1.82E-01	41656298	41656421	NC_000017.10
cg17076667	9.57E-18	2.15E-19	-1.00E+01	33.1857985	-2.00E-01	121418050	121418173	NC_000010.10
cg26300517	9.59E-18	2.16E-19	-1.00E+01	33.1836306	-2.65E-01	38732661	38732784	NC_000004.11
cg21184629	9.60E-18	2.16E-19	-1.00E+01	33.1817805	-6.04E-02	38621834	38621957	NC_000009.11
cg16122427	9.63E-18	2.17E-19	-1.00E+01	33.1787736	-1.70E-01	36947989	36948112	NC_000001.10
cg00067720	9.65E-18	2.18E-19	-1.00E+01	33.1762585	-1.64E-01	67521141	67521264	NC_000005.9
cg08310008	9.66E-18	2.18E-19	-1.00E+01	33.1752553	-1.52E-01	52836644	52836767	NC_000012.11
cg23822312	9.70E-18	2.19E-19	-1.00E+01	33.1710983	-2.06E-01	244361336	244361459	NC_000001.10
cg11810310	9.79E-18	2.21E-19	-1.00E+01	33.1616241	-9.32E-02	47292038	47292161	NC_000019.9
cg21000447	9.81E-18	2.21E-19	-1.00E+01	33.1600108	-7.56E-02	41634226	41634349	NC_000022.10
cg20164887	9.82E-18	2.21E-19	-1.00E+01	33.158916	-1.20E-01	50968250	50968373	NC_000022.10
cg03487935	9.85E-18	2.22E-19	-1.00E+01	33.1557461	-1.27E-01	51925284	51925407	NC_000007.13
cg21734707	9.85E-18	2.22E-19	-1.00E+01	33.1554375	-1.43E-01	3908241	3908364	NC_000017.10
cg01714284	9.88E-18	2.23E-19	-1.00E+01	33.1522674	-2.83E-01	185714524	185714647	NC_000004.11
cg19925558	9.89E-18	2.23E-19	-1.00E+01	33.1513931	-1.26E-01	1072370	1072493	NC_000001.10
cg06074896	9.90E-18	2.23E-19	-1.00E+01	33.1500847	-1.06E-01	1500176	1500299	NC_000007.13
cg14189441	9.90E-18	2.23E-19	-1.00E+01	33.149717	-2.00E-01	30971547	30971670	NC_000010.10
cg14602087	9.92E-18	2.24E-19	-1.00E+01	33.1477344	-2.45E-01	37556386	37556509	NC_000008.10
cg13235717	9.93E-18	2.24E-19	-1.00E+01	33.1454901	-1.74E-01	27188505	27188628	NC_000001.10

cg00333483	1.01E-17	2.28E-19	-1.00E+01	33.1279811	-1.29E-01	79504180	79504303	NC_000017.10
cg11661534	1.01E-17	2.29E-19	-1.00E+01	33.1253375	-1.19E-01	58570605	58570728	NC_000003.11
cg25289198	1.02E-17	2.30E-19	-1.00E+01	33.1225954	-4.42E-02	45307997	45308120	NC_000011.9
cg01672129	1.02E-17	2.30E-19	-1.00E+01	33.1218979	-1.02E-01	103011800	103011923	NC_000014.8
cg21776583	1.02E-17	2.31E-19	-1.00E+01	33.1171701	-1.41E-01	30923545	30923668	NC_000006.11
cg16660220	1.02E-17	2.31E-19	-1.00E+01	33.1164953	-2.31E-01	46576948	46577071	NC_000011.9
cg07707031	1.03E-17	2.32E-19	-1.00E+01	33.1114506	-7.42E-02	79504142	79504265	NC_000017.10
ch.3.1444649R	1.03E-17	2.32E-19	-1.00E+01	33.1111371	-7.76E-02	65894942	65895065	NC_000003.11
cg21005416	1.03E-17	2.33E-19	-1.00E+01	33.1098361	-2.10E-01	21606617	21606740	NC_000001.10
cg21010701	1.03E-17	2.33E-19	-1.00E+01	33.1085892	-1.91E-01	36283195	36283318	NC_000004.11
cg15736553	1.03E-17	2.33E-19	-1.00E+01	33.1070699	-1.36E-01	11610338	11610461	NC_000003.11
cg26340389	1.03E-17	2.34E-19	-1.00E+01	33.105406	-1.88E-01	36132426	36132549	NC_000019.9
cg24413842	1.03E-17	2.34E-19	-1.00E+01	33.1045614	-2.04E-01	150211820	150211943	NC_000007.13
cg09160216	1.03E-17	2.34E-19	-1.00E+01	33.1033576	-6.82E-02	329016	329139	NC_000020.10
cg14862207	1.03E-17	2.34E-19	-1.00E+01	33.1023137	-1.36E-01	36715798	36715921	NC_000017.10
cg18717146	1.05E-17	2.38E-19	-1.00E+01	33.0891306	-1.17E-01	1478715	1478838	NC_000019.9
cg23046844	1.05E-17	2.38E-19	-1.00E+01	33.0877097	-1.18E-01	102322911	102323034	NC_000010.10
cg11998200	1.05E-17	2.39E-19	-1.00E+01	33.0845288	-2.24E-01	92274858	92274981	NC_000007.13
cg01772014	1.05E-17	2.39E-19	-1.00E+01	33.0825799	-6.80E-02	30606095	30606218	NC_000020.10
cg05261596	1.06E-17	2.40E-19	-1.00E+01	33.078891	-1.37E-01	40220519	40220642	NC_000003.11
cg26936219	1.06E-17	2.40E-19	-1.00E+01	33.0780789	-1.84E-01	29543589	29543712	NC_000012.11
cg23148631	1.06E-17	2.40E-19	-1.00E+01	33.0773237	-1.55E-01	6950669	6950792	NC_000017.10
cg01373151	1.06E-17	2.42E-19	-1.00E+01	33.0724238	-7.22E-02	72613029	72613152	NC_000015.9
cg14815361	1.07E-17	2.44E-19	-1.00E+01	33.0646353	-2.25E-01	131589552	131589675	NC_000005.9
cg27338302	1.08E-17	2.45E-19	-1.00E+01	33.0596296	-1.87E-01	1271505	1271628	NC_000016.9

cg05845141	1.08E-17	2.45E-19	-1.00E+01	33.0592054	-1.92E-01	18120614	18120737	NC_000019.9
cg24391989	1.09E-17	2.47E-19	-1.00E+01	33.0511516	-2.21E-01	32010656	32010779	NC_000003.11
cg04627863	1.09E-17	2.47E-19	-1.00E+01	33.0493186	-1.80E-01	234741670	234741793	NC_000002.11
cg24461242	1.09E-17	2.48E-19	-1.00E+01	33.0476686	-1.84E-01	35612258	35612381	NC_000019.9
cg16163419	1.09E-17	2.48E-19	-1.00E+01	33.047392	-1.54E-01	100712326	100712449	NC_000003.11
cg02389317	1.09E-17	2.49E-19	-1.00E+01	33.0434115	-1.79E-01	76577488	76577611	NC_000012.11
cg23249922	1.09E-17	2.49E-19	-1.00E+01	33.0430376	-2.20E-01	134231549	134231672	NC_000010.10
cg02694676	1.10E-17	2.50E-19	-1.00E+01	33.039221	-6.24E-02	69455726	69455849	NC_000011.9
cg19955173	1.11E-17	2.53E-19	-1.00E+01	33.0261698	-2.20E-01	195603697	195603820	NC_000003.11
cg01460276	1.11E-17	2.53E-19	-1.00E+01	33.0257922	-8.72E-02	18871817	18871940	NC_000008.10
cg27174108	1.11E-17	2.54E-19	-1.00E+01	33.0237631	-1.25E-01	38794554	38794677	NC_000019.9
cg18411043	1.12E-17	2.54E-19	-1.00E+01	33.0218421	-1.05E-01	31221135	31221258	NC_000001.10
cg22672067	1.12E-17	2.55E-19	-1.00E+01	33.0201906	-1.59E-01	74495637	74495760	NC_000015.9
cg00103785	1.13E-17	2.56E-19	-1.00E+01	33.0138527	-7.60E-02	155043322	155043445	NC_000001.10
cg13542542	1.13E-17	2.57E-19	-1.00E+01	33.0129171	-1.40E-01	42821106	42821229	NC_000019.9
cg23257934	1.13E-17	2.57E-19	-1.00E+01	33.0105805	-1.82E-01	234858982	234859105	NC_000001.10
cg12018581	1.13E-17	2.58E-19	-1.00E+01	33.0074449	-1.31E-01	1031548	1031671	NC_000007.13
cg01749742	1.13E-17	2.58E-19	-1.00E+01	33.0072519	-1.63E-01	18944047	18944170	NC_000002.11
cg06745944	1.14E-17	2.60E-19	-1.00E+01	33.0013538	-9.22E-02	124246391	124246514	NC_000012.11
cg03628719	1.14E-17	2.60E-19	-1.00E+01	33.000962	-1.77E-01	89438964	89439087	NC_000015.9
cg17962854	1.15E-17	2.62E-19	-1.00E+01	32.9935509	-1.57E-01	134581043	134581166	NC_000008.10
cg13745142	1.16E-17	2.64E-19	-1.00E+01	32.9853403	-1.08E-01	72969277	72969400	NC_000017.10
cg23489883	1.16E-17	2.64E-19	-1.00E+01	32.9853244	-6.89E-02	72416270	72416393	NC_000005.9
cg09220050	1.16E-17	2.64E-19	-1.00E+01	32.9827468	-8.10E-02	48770642	48770765	NC_000020.10
cg25840433	1.16E-17	2.65E-19	-1.00E+01	32.9801311	-1.29E-01	167104903	167105026	NC_000006.11

cg21130374	1.16E-17	2.65E-19	-1.00E+01	32.9796218	-3.04E-01	42734266	42734389	NC_000021.8
cg10178628	1.16E-17	2.66E-19	-1.00E+01	32.9770135	-1.59E-01	17488445	17488568	NC_000019.9
cg22043788	1.17E-17	2.67E-19	-1.00E+01	32.9734174	-2.90E-01	80879483	80879606	NC_000017.10
cg11802797	1.17E-17	2.68E-19	-1.00E+01	32.971076	-1.33E-01	10437649	10437772	NC_000001.10
cg13775299	1.17E-17	2.68E-19	-1.00E+01	32.9696182	-1.12E-01	131937583	131937706	NC_000009.11
cg21062059	1.17E-17	2.68E-19	-1.00E+01	32.9692002	-1.08E-01	54677144	54677267	NC_000019.9
cg06378609	1.18E-17	2.69E-19	-1.00E+01	32.9677578	-4.20E-02	140484220	140484343	NC_000009.11
cg05045027	1.18E-17	2.69E-19	-1.00E+01	32.9673739	-1.69E-01	119331282	119331405	NC_000011.9
cg07626482	1.18E-17	2.69E-19	-1.00E+01	32.9672862	-1.26E-01	47289503	47289626	NC_000019.9
cg02514519	1.18E-17	2.69E-19	-1.00E+01	32.9655538	-8.41E-02	61348922	61349045	NC_000011.9
cg01929744	1.18E-17	2.70E-19	-1.00E+01	32.9611932	-1.62E-01	167104926	167105049	NC_000006.11
cg19291696	1.18E-17	2.71E-19	-1.00E+01	32.9594203	-2.65E-01	27769437	27769560	NC_000013.10
cg01566260	1.19E-17	2.72E-19	-1.00E+01	32.9566463	-1.56E-01	32180356	32180479	NC_000001.10
cg12506165	1.19E-17	2.72E-19	-1.00E+01	32.9557285	-2.05E-01	116997072	116997195	NC_000012.11
cg25395188	1.19E-17	2.73E-19	-1.00E+01	32.95281	-5.55E-02	60897782	60897905	NC_000011.9
cg15858483	1.19E-17	2.73E-19	-1.00E+01	32.9502766	-2.01E-01	56073589	56073712	NC_000020.10
cg14120636	1.20E-17	2.74E-19	-1.00E+01	32.9485975	-1.37E-01	33751249	33751372	NC_000009.11
cg00971050	1.20E-17	2.75E-19	-1.00E+01	32.9453536	-2.33E-01	40573764	40573887	NC_000017.10
cg23683674	1.21E-17	2.77E-19	-1.00E+01	32.9359006	-1.93E-01	73020562	73020685	NC_000011.9
cg03297731	1.21E-17	2.78E-19	-1.00E+01	32.9335235	-1.93E-01	30124293	30124416	NC_000016.9
cg08239753	1.22E-17	2.79E-19	-1.00E+01	32.9308239	-1.77E-01	23769690	23769813	NC_000014.8
cg05063895	1.22E-17	2.79E-19	-1.00E+01	32.9297708	-1.13E-01	2073518	2073641	NC_000016.9
cg21794767	1.22E-17	2.79E-19	-1.00E+01	32.9289944	-2.30E-01	120657213	120657336	NC_000007.13
cg08056069	1.22E-17	2.79E-19	-1.00E+01	32.9288015	-2.75E-01	95179425	95179548	NC_000001.10
cg21659575	1.22E-17	2.80E-19	-1.00E+01	32.9269478	-6.23E-02	120844832	120844955	NC_000008.10

cg13273136	1.22E-17	2.81E-19	-1.00E+01	32.9233543	-2.10E-01	113931565	113931688	NC_000002.11
cg12579212	1.23E-17	2.81E-19	-1.00E+01	32.9231661	-2.00E-01	46448868	46448991	NC_000003.11
cg22551065	1.23E-17	2.81E-19	-1.00E+01	32.9226717	-1.58E-01	126565698	126565821	NC_000005.9
ch.7.1905850F	1.23E-17	2.82E-19	-1.00E+01	32.9208538	-9.61E-02	90038364	90038487	NC_000007.13
cg14459710	1.23E-17	2.83E-19	-1.00E+01	32.9154449	-6.25E-02	62075409	62075532	NC_000017.10
cg27292099	1.24E-17	2.84E-19	-1.00E+01	32.9135009	-2.04E-01	39853529	39853652	NC_000001.10
cg07954941	1.24E-17	2.85E-19	-1.00E+01	32.9099651	-5.28E-02	132176642	132176765	NC_000009.11
cg06521827	1.24E-17	2.85E-19	-1.00E+01	32.9094328	-1.70E-01	16346434	16346557	NC_000001.10
cg20208009	1.25E-17	2.88E-19	-1.00E+01	32.8995714	-1.96E-01	19974048	19974171	NC_000022.10
cg26591162	1.25E-17	2.88E-19	-1.00E+01	32.8982365	-1.91E-01	4241254	4241377	NC_000016.9
cg13807509	1.26E-17	2.89E-19	-1.00E+01	32.8947394	-7.63E-02	65667116	65667239	NC_000011.9
cg04157272	1.26E-17	2.89E-19	-1.00E+01	32.8940398	-2.35E-01	68017838	68017961	NC_000002.11
cg09274344	1.26E-17	2.90E-19	-1.00E+01	32.8899484	-1.98E-01	1078689	1078812	NC_000016.9
cg06463800	1.26E-17	2.91E-19	-1.00E+01	32.889232	-1.16E-01	25754183	25754306	NC_000013.10
cg05266781	1.28E-17	2.94E-19	-9.99	32.8771807	-8.82E-02	54965492	54965615	NC_000016.9
cg01825818	1.29E-17	2.97E-19	-9.99	32.8672404	-1.82E-01	131554018	131554141	NC_000002.11
cg11450001	1.29E-17	2.98E-19	-9.99	32.8651982	-8.27E-02	10365596	10365719	NC_000012.11
cg23828876	1.30E-17	2.98E-19	-9.99	32.8630263	-2.64E-01	196001706	196001829	NC_000003.11
cg00460589	1.31E-17	3.01E-19	-9.99	32.8559133	-2.23E-01	13274354	13274477	NC_000006.11
cg14342532	1.31E-17	3.01E-19	-9.99	32.8557716	-1.48E-01	233916534	233916657	NC_000002.11
cg25711558	1.31E-17	3.01E-19	-9.99	32.8556178	-2.56E-01	101499638	101499761	NC_000007.13
cg13908359	1.32E-17	3.03E-19	-9.99	32.8475884	-2.31E-01	100077146	100077269	NC_000015.9
cg04864538	1.33E-17	3.05E-19	-9.99	32.8403725	-1.96E-01	158301178	158301301	NC_000007.13
cg21473545	1.33E-17	3.06E-19	-9.99	32.8391297	-1.61E-01	178203432	178203555	NC_000005.9
cg00058299	1.33E-17	3.08E-19	-9.99	32.833267	-9.95E-02	113498193	113498316	NC_000001.10



cg18749404	1.34E-17	3.09E-19	-9.99	32.8271834	-1.99E-01	76975944	76976067	NC_000017.10
cg09093656	1.34E-17	3.10E-19	-9.99	32.8264809	-2.50E-01	16323481	16323604	NC_000017.10
cg20092936	1.35E-17	3.12E-19	-9.99	32.8196917	-2.33E-01	195600311	195600434	NC_000003.11
cg11348286	1.35E-17	3.12E-19	-9.99	32.8190305	-5.55E-02	57028674	57028797	NC_000012.11
cg23514324	1.35E-17	3.13E-19	-9.99	32.8170402	-5.20E-02	12329213	12329336	NC_000003.11
cg11958234	1.36E-17	3.13E-19	-9.99	32.8167417	-2.20E-01	118226828	118226951	NC_000001.10
cg07482936	1.38E-17	3.18E-19	-9.98	32.7999935	-1.42E-01	59488635	59488758	NC_000017.10
cg18098839	1.38E-17	3.18E-19	-9.98	32.7989617	-2.71E-01	167742700	167742823	NC_000003.11
cg02290880	1.38E-17	3.19E-19	-9.98	32.7984038	-2.16E-01	206317854	206317977	NC_000001.10
cg06186245	1.38E-17	3.19E-19	-9.98	32.7957776	-2.16E-01	100245062	100245185	NC_000003.11
cg17524021	1.39E-17	3.20E-19	-9.98	32.7930732	-1.74E-01	140381745	140381868	NC_000005.9
cg14967393	1.39E-17	3.21E-19	-9.98	32.7903984	-1.98E-01	55265996	55266119	NC_000005.9
cg24710179	1.39E-17	3.21E-19	-9.98	32.7901753	-2.01E-01	642975	643098	NC_000011.9
cg01182455	1.39E-17	3.22E-19	-9.98	32.7871034	-2.28E-01	131313189	131313312	NC_000009.11
cg09753839	1.40E-17	3.25E-19	-9.98	32.7792321	-1.27E-01	30458093	30458216	NC_000006.11
cg08666707	1.40E-17	3.25E-19	-9.98	32.7790212	-1.50E-01	41456441	41456564	NC_000006.11
cg01891711	1.41E-17	3.26E-19	-9.98	32.7758935	-6.50E-02	37640509	37640632	NC_000022.10
cg23704195	1.41E-17	3.26E-19	-9.98	32.775613	-2.04E-01	59531104	59531227	NC_000017.10
cg14679668	1.42E-17	3.28E-19	-9.98	32.7707463	-2.10E-01	102130344	102130467	NC_000008.10
cg04819580	1.42E-17	3.28E-19	-9.98	32.7690724	-1.72E-01	150635526	150635649	NC_000007.13
cg03887218	1.42E-17	3.28E-19	-9.98	32.7681543	-1.53E-01	16534349	16534472	NC_000001.10
cg15391464	1.42E-17	3.28E-19	-9.98	32.7679746	-1.09E-01	27047549	27047672	NC_000017.10
cg20776977	1.42E-17	3.28E-19	-9.98	32.7679736	-1.30E-01	2564584	2564707	NC_000001.10
cg16577647	1.42E-17	3.29E-19	-9.98	32.7665084	-1.92E-01	36393064	36393187	NC_000019.9
cg05435212	1.42E-17	3.30E-19	-9.98	32.7639486	-2.53E-01	27632180	27632303	NC_000003.11

cg10574494	1.42E-17	3.30E-19	-9.98	32.763554	-1.66E-01	52918457	52918580	NC_000004.11
cg01186457	1.43E-17	3.31E-19	-9.98	32.7618225	-7.79E-02	36336503	36336626	NC_000019.9
cg22027433	1.43E-17	3.31E-19	-9.98	32.7609451	-2.84E-01	62208049	62208172	NC_000017.10
cg18090918	1.43E-17	3.32E-19	-9.98	32.7568719	-3.52E-02	3987849	3987972	NC_000019.9
cg14605590	1.44E-17	3.34E-19	-9.98	32.7524603	-1.29E-01	94900583	94900706	NC_000009.11
cg26144629	1.44E-17	3.34E-19	-9.98	32.7512991	-6.94E-02	207926000	207926123	NC_000001.10
cg03356734	1.44E-17	3.34E-19	-9.98	32.7507266	-7.52E-02	37230413	37230536	NC_000020.10
cg09404642	1.45E-17	3.35E-19	-9.97	32.7478896	-1.06E-01	48585645	48585768	NC_000017.10
cg12666727	1.45E-17	3.35E-19	-9.97	32.7476255	-2.58E-01	42128487	42128610	NC_000001.10
cg14376988	1.45E-17	3.35E-19	-9.97	32.7475809	-1.30E-01	99179801	99179924	NC_000009.11
cg11202345	1.45E-17	3.35E-19	-9.97	32.7471958	-1.09E-01	76976057	76976180	NC_000017.10
cg01246622	1.46E-17	3.39E-19	-9.97	32.7356697	-2.78E-01	115141827	115141950	NC_000010.10
cg13670306	1.48E-17	3.43E-19	-9.97	32.7243231	-1.45E-01	7239771	7239894	NC_000017.10
cg07969785	1.48E-17	3.44E-19	-9.97	32.723598	-9.05E-02	113414850	113414973	NC_000003.11
cg27300194	1.48E-17	3.44E-19	-9.97	32.7210991	-1.37E-01	9339380	9339503	NC_000001.10
cg01111041	1.49E-17	3.45E-19	-9.97	32.7184398	-1.31E-01	32121055	32121178	NC_000006.11
cg20530204	1.49E-17	3.46E-19	-9.97	32.7162003	-1.35E-01	33244709	33244832	NC_000006.11
ch.9.137242878F	1.49E-17	3.47E-19	-9.97	32.714939	-6.34E-02	138103057	138103180	NC_000009.11
cg26540315	1.49E-17	3.47E-19	-9.97	32.7149371	-1.94E-01	69264657	69264780	NC_000011.9
cg04852949	1.49E-17	3.47E-19	-9.97	32.7140718	-1.64E-01	32170929	32171052	NC_000001.10
cg21144462	1.50E-17	3.47E-19	-9.97	32.7128753	-9.11E-02	42082647	42082770	NC_000017.10
cg07640473	1.50E-17	3.48E-19	-9.97	32.711762	-1.25E-01	50193232	50193355	NC_000003.11
cg02749784	1.50E-17	3.48E-19	-9.97	32.7099974	-2.38E-01	120219927	120220050	NC_000008.10
cg03303585	1.50E-17	3.49E-19	-9.97	32.7070025	-1.84E-01	75585178	75585301	NC_000004.11
cg01156249	1.51E-17	3.50E-19	-9.97	32.7053991	-2.33E-01	4714794	4714917	NC_000016.9

cg05329888	1.51E-17	3.50E-19	-9.97	32.7046843	-8.62E-02	50968312	50968435	NC_000022.10
cg01796223	1.51E-17	3.51E-19	-9.97	32.7018215	-2.09E-01	129933014	129933137	NC_000007.13
cg27640794	1.51E-17	3.52E-19	-9.97	32.7004139	-3.06E-01	169555699	169555822	NC_000004.11
cg06834177	1.51E-17	3.52E-19	-9.97	32.6993313	-2.85E-01	6333843	6333966	NC_000001.10
cg01535567	1.52E-17	3.53E-19	-9.97	32.6980119	-1.51E-01	698936	699059	NC_000016.9
cg08696866	1.52E-17	3.53E-19	-9.97	32.6974796	-7.68E-02	176961907	176962030	NC_000002.11
cg03116016	1.52E-17	3.53E-19	-9.97	32.6973724	-2.11E-01	15583606	15583729	NC_000016.9
cg27170458	1.52E-17	3.54E-19	-9.97	32.6934481	-1.01E-01	89988252	89988375	NC_000016.9
cg16205058	1.52E-17	3.54E-19	-9.97	32.6932873	-1.45E-01	20924369	20924492	NC_000014.8
cg01789576	1.52E-17	3.54E-19	-9.97	32.6926106	-1.26E-01	228337311	228337434	NC_000001.10
cg06112335	1.52E-17	3.55E-19	-9.97	32.6919659	-1.71E-01	119694495	119694618	NC_000007.13
cg16134491	1.53E-17	3.55E-19	-9.97	32.6905518	-1.20E-01	52780545	52780668	NC_000014.8
cg19022814	1.53E-17	3.56E-19	-9.97	32.6885161	-1.42E-01	62107477	62107600	NC_000001.10
cg09436907	1.53E-17	3.58E-19	-9.97	32.6838851	-6.57E-02	45307686	45307809	NC_000011.9
cg02717486	1.54E-17	3.60E-19	-9.96	32.6785114	-7.55E-02	133512833	133512956	NC_000005.9
cg12179658	1.55E-17	3.61E-19	-9.96	32.6757974	-1.79E-01	11178652	11178775	NC_000003.11
cg01406280	1.55E-17	3.61E-19	-9.96	32.6745808	-7.37E-02	69454447	69454570	NC_000011.9
cg23609082	1.56E-17	3.64E-19	-9.96	32.6656837	-8.04E-02	151585362	151585485	NC_000001.10
cg10500737	1.56E-17	3.64E-19	-9.96	32.6652623	-2.40E-01	17566381	17566504	NC_000021.8
cg23234434	1.56E-17	3.64E-19	-9.96	32.6649848	-7.02E-02	43390705	43390828	NC_000001.10
cg24512005	1.58E-17	3.68E-19	-9.96	32.6565031	-1.44E-01	3014291	3014414	NC_000011.9
cg00352043	1.59E-17	3.71E-19	-9.96	32.6486857	-5.57E-02	38863594	38863717	NC_000022.10
cg23884531	1.60E-17	3.73E-19	-9.96	32.6419137	-1.08E-01	6950103	6950226	NC_000017.10
cg15469171	1.60E-17	3.73E-19	-9.96	32.6418224	-1.73E-01	23541345	23541468	NC_000001.10
cg14476756	1.60E-17	3.73E-19	-9.96	32.6407652	-9.09E-02	136243436	136243559	NC_000009.11

cg24033633	1.60E-17	3.74E-19	-9.96	32.6384938	-2.64E-01	57945695	57945818	NC_000003.11
cg25437886	1.61E-17	3.75E-19	-9.96	32.636536	-2.57E-01	45677346	45677469	NC_000003.11
cg08557686	1.61E-17	3.75E-19	-9.96	32.6354175	-4.15E-02	20256063	20256186	NC_000022.10
cg14809544	1.61E-17	3.76E-19	-9.96	32.6346082	-5.87E-02	46366591	46366714	NC_000019.9
cg26250989	1.62E-17	3.80E-19	-9.96	32.6248204	-2.36E-01	6333502	6333625	NC_000001.10
cg22350926	1.63E-17	3.81E-19	-9.96	32.6221619	-5.11E-02	27632599	27632722	NC_000008.10
cg17355241	1.63E-17	3.81E-19	-9.96	32.6201616	-1.01E-01	17445073	17445196	NC_000019.9
cg01437411	1.64E-17	3.83E-19	-9.95	32.6168215	-1.37E-01	7033911	7034034	NC_000012.11
cg27178677	1.64E-17	3.83E-19	-9.95	32.6161894	-2.12E-01	8834803	8834926	NC_000020.10
cg01264106	1.64E-17	3.84E-19	-9.95	32.6134978	-9.66E-02	38071602	38071725	NC_000022.10
cg13808147	1.65E-17	3.85E-19	-9.95	32.6098307	-5.17E-02	32433055	32433178	NC_000003.11
cg19064302	1.65E-17	3.87E-19	-9.95	32.606727	-1.80E-01	106536036	106536159	NC_000006.11
cg06051311	1.65E-17	3.87E-19	-9.95	32.6057156	-2.35E-01	30131001	30131124	NC_000006.11
cg00310404	1.65E-17	3.87E-19	-9.95	32.6047562	-2.10E-01	27673775	27673898	NC_000001.10
cg21633134	1.68E-17	3.94E-19	-9.95	32.5867544	-7.37E-02	7816399	7816522	NC_000005.9
ch.7.163474F	1.68E-17	3.95E-19	-9.95	32.5864285	-9.02E-02	3469498	3469621	NC_000007.13
cg08319417	1.69E-17	3.95E-19	-9.95	32.5856785	-1.80E-01	23291214	23291337	NC_000014.8
cg13008174	1.69E-17	3.96E-19	-9.95	32.5823445	-1.58E-01	11640960	11641083	NC_000008.10
cg01254505	1.69E-17	3.96E-19	-9.95	32.5822054	-2.00E-01	17516470	17516593	NC_000019.9
cg23166988	1.70E-17	3.99E-19	-9.95	32.5745909	-1.29E-01	2070861	2070984	NC_000016.9
cg09353563	1.71E-17	4.01E-19	-9.95	32.5712602	-2.42E-01	70994435	70994558	NC_000015.9
cg06921282	1.71E-17	4.01E-19	-9.95	32.5701862	-1.06E-01	536299	536422	NC_000011.9
cg02933362	1.71E-17	4.02E-19	-9.95	32.5689479	-2.82E-01	102091607	102091730	NC_000002.11
cg08017880	1.71E-17	4.02E-19	-9.95	32.5667765	-1.04E-01	407180	407303	NC_000011.9
cg17034181	1.72E-17	4.03E-19	-9.95	32.5645179	-7.54E-02	101362442	101362565	NC_000001.10

cg11737941	1.72E-17	4.05E-19	-9.95	32.5610721	-2.25E-01	130450777	130450900	NC_000012.11
cg05988358	1.73E-17	4.07E-19	-9.95	32.5567272	-1.83E-01	74082489	74082612	NC_000010.10
cg04276626	1.73E-17	4.07E-19	-9.95	32.5553725	-2.30E-01	57918500	57918623	NC_000017.10
cg04446762	1.73E-17	4.07E-19	-9.95	32.554765	-6.99E-02	65222227	65222350	NC_000011.9
cg13750949	1.76E-17	4.15E-19	-9.94	32.537408	-1.13E-01	105293957	105294080	NC_000014.8
cg20938802	1.77E-17	4.15E-19	-9.94	32.5352965	-2.06E-01	89858378	89858501	NC_000005.9
cg00413849	1.77E-17	4.16E-19	-9.94	32.5334576	-7.74E-02	167906156	167906279	NC_000001.10
cg00596048	1.78E-17	4.18E-19	-9.94	32.5282278	-1.66E-01	41847267	41847390	NC_000001.10
cg05689413	1.78E-17	4.19E-19	-9.94	32.5258935	-1.66E-01	41885417	41885540	NC_000006.11
cg05783290	1.79E-17	4.22E-19	-9.94	32.519472	-2.40E-01	150383337	150383460	NC_000007.13
cg00510447	1.80E-17	4.24E-19	-9.94	32.5161294	-9.68E-02	3071608	3071731	NC_000016.9
cg15594444	1.80E-17	4.24E-19	-9.94	32.513936	-2.37E-01	59893192	59893315	NC_000001.10
cg22716262	1.81E-17	4.26E-19	-9.94	32.5103941	-2.29E-01	28419523	28419646	NC_000010.10
cg17318863	1.81E-17	4.27E-19	-9.94	32.508923	-1.60E-01	97308488	97308611	NC_000002.11
cg07545081	1.83E-17	4.30E-19	-9.94	32.500324	-2.02E-01	126308381	126308504	NC_000010.10
cg22163463	1.83E-17	4.30E-19	-9.94	32.5002522	-1.63E-01	6458640	6458763	NC_000017.10
cg00325968	1.83E-17	4.31E-19	-9.94	32.499676	-1.22E-01	139977703	139977826	NC_000008.10
cg04070188	1.83E-17	4.31E-19	-9.94	32.4987012	-2.12E-01	89809444	89809567	NC_000007.13
cg13784312	1.83E-17	4.32E-19	-9.94	32.4958314	-2.04E-01	134609065	134609188	NC_000009.11
cg16793781	1.83E-17	4.33E-19	-9.94	32.4950169	-3.38E-02	173558030	173558153	NC_000002.11
cg22329743	1.84E-17	4.33E-19	-9.94	32.4943869	-2.05E-01	208688774	208688897	NC_000002.11
cg07576409	1.84E-17	4.34E-19	-9.94	32.4909228	-2.00E-01	37554905	37555028	NC_000008.10
cg19893132	1.84E-17	4.35E-19	-9.94	32.4892669	-1.27E-01	125425209	125425332	NC_000012.11
cg19445588	1.85E-17	4.37E-19	-9.94	32.4858321	-1.96E-01	116904641	116904764	NC_000012.11
cg04588708	1.86E-17	4.39E-19	-9.93	32.4798794	-1.17E-01	811078	811201	NC_000016.9

cg23200774	1.87E-17	4.41E-19	-9.93	32.475368	-1.19E-01	100492376	100492499	NC_000007.13
cg26078793	1.87E-17	4.42E-19	-9.93	32.4744359	-7.80E-02	65006222	65006345	NC_000014.8
cg14823429	1.87E-17	4.43E-19	-9.93	32.472574	-2.59E-01	240187023	240187146	NC_000002.11
ch.6.115952F	1.88E-17	4.44E-19	-9.93	32.4698451	-1.48E-01	4060315	4060438	NC_000006.11
cg00459078	1.88E-17	4.45E-19	-9.93	32.4671964	-4.89E-02	43024659	43024782	NC_000017.10
cg07045089	1.90E-17	4.49E-19	-9.93	32.4571957	-1.98E-01	3620218	3620341	NC_000001.10
cg13743052	1.90E-17	4.50E-19	-9.93	32.4560359	-1.23E-01	107253426	107253549	NC_000014.8
cg21063296	1.91E-17	4.52E-19	-9.93	32.4523873	-1.47E-01	10304422	10304545	NC_000019.9
cg19836199	1.91E-17	4.52E-19	-9.93	32.4515672	-2.84E-01	36421941	36422064	NC_000021.8
cg11409101	1.91E-17	4.53E-19	-9.93	32.4495356	-2.51E-01	37554832	37554955	NC_000008.10
cg18410110	1.92E-17	4.53E-19	-9.93	32.4486816	-1.97E-01	31963583	31963706	NC_000005.9
cg14519125	1.92E-17	4.54E-19	-9.93	32.4475715	-4.70E-02	49893811	49893934	NC_000003.11
cg14528056	1.92E-17	4.54E-19	-9.93	32.4470104	-2.80E-01	155194782	155194905	NC_000001.10
cg01497527	1.92E-17	4.55E-19	-9.93	32.4460535	-1.91E-01	65214165	65214288	NC_000015.9
cg16450097	1.92E-17	4.55E-19	-9.93	32.4445963	-2.45E-01	101348467	101348590	NC_000008.10
cg19414569	1.92E-17	4.55E-19	-9.93	32.4444892	-6.96E-02	116961131	116961254	NC_000001.10
cg02238461	1.92E-17	4.56E-19	-9.93	32.4436506	-2.13E-01	27985987	27986110	NC_000001.10
cg20414364	1.93E-17	4.57E-19	-9.93	32.4397762	-2.17E-01	1608614	1608737	NC_000005.9
cg24548564	1.93E-17	4.57E-19	-9.93	32.4397079	-1.49E-01	149792390	149792513	NC_000005.9
cg13623135	1.94E-17	4.59E-19	-9.93	32.4359006	-1.31E-01	145700499	145700622	NC_000008.10
cg10309886	1.94E-17	4.60E-19	-9.93	32.4335517	-1.89E-01	57407747	57407870	NC_000020.10
cg00719410	1.95E-17	4.61E-19	-9.93	32.4313636	-6.91E-02	94884479	94884602	NC_000011.9
cg08983279	1.95E-17	4.62E-19	-9.93	32.4299734	-2.00E-01	46663534	46663657	NC_000016.9
cg10231785	1.95E-17	4.63E-19	-9.93	32.4267907	-7.39E-02	46692440	46692563	NC_000022.10
cg01735621	1.96E-17	4.64E-19	-9.93	32.4249131	-1.28E-01	74162051	74162174	NC_000006.11

cg11048797	1.96E-17	4.64E-19	-9.93	32.4248584	-2.68E-01	80450903	80451026	NC_000017.10
cg25042258	1.96E-17	4.64E-19	-9.93	32.4247913	-1.54E-01	148427662	148427785	NC_000007.13
ch.14.769589F	1.96E-17	4.65E-19	-9.93	32.4225255	-7.76E-02	60785506	60785629	NC_000014.8
cg23160829	1.97E-17	4.68E-19	-9.92	32.4173542	-1.88E-01	145219031	145219154	NC_000006.11
cg23477967	1.97E-17	4.69E-19	-9.92	32.415711	-1.64E-01	188419087	188419210	NC_000002.11
cg03059420	1.98E-17	4.70E-19	-9.92	32.4119702	-1.63E-01	30923241	30923364	NC_000006.11
cg23819836	1.98E-17	4.71E-19	-9.92	32.4115405	-5.55E-02	15663134	15663257	NC_000006.11
cg23981702	1.99E-17	4.72E-19	-9.92	32.4089722	-2.27E-01	115732999	115733122	NC_000001.10
cg27298570	1.99E-17	4.73E-19	-9.92	32.4066206	-7.50E-02	8623004	8623127	NC_000016.9
cg15694987	2.00E-17	4.76E-19	-9.92	32.4008292	-2.22E-01	119125345	119125468	NC_000008.10
cg19244029	2.01E-17	4.78E-19	-9.92	32.3966082	-2.18E-01	156022310	156022433	NC_000003.11
cg01756461	2.02E-17	4.80E-19	-9.92	32.3922096	-1.56E-01	102036983	102037106	NC_000015.9
cg11372831	2.02E-17	4.81E-19	-9.92	32.3906507	-4.14E-02	57303157	57303280	NC_000004.11
cg25334660	2.03E-17	4.82E-19	-9.92	32.387661	-1.55E-01	42270520	42270643	NC_000008.10
cg09508556	2.03E-17	4.83E-19	-9.92	32.3848959	-1.79E-01	31106982	31107105	NC_000006.11
cg25147026	2.03E-17	4.84E-19	-9.92	32.3836989	-2.32E-01	186650441	186650564	NC_000001.10
cg10654010	2.03E-17	4.84E-19	-9.92	32.3833906	-6.73E-02	54910524	54910647	NC_000017.10
cg08898653	2.03E-17	4.84E-19	-9.92	32.3829859	-5.27E-02	20811220	20811343	NC_000001.10
cg10304922	2.04E-17	4.86E-19	-9.92	32.3797367	-2.06E-01	133065924	133066047	NC_000012.11
cg23366832	2.04E-17	4.86E-19	-9.92	32.3792592	-2.10E-01	90712882	90713005	NC_000006.11
cg10324998	2.04E-17	4.86E-19	-9.92	32.3791892	-1.41E-01	92338262	92338385	NC_000001.10
cg26522361	2.04E-17	4.87E-19	-9.92	32.3778584	-2.44E-01	55625247	55625370	NC_000005.9
cg17376299	2.05E-17	4.88E-19	-9.92	32.3754828	-2.06E-01	74931583	74931706	NC_000017.10
cg01310482	2.06E-17	4.92E-19	-9.92	32.368551	-2.23E-01	101596140	101596263	NC_000007.13
cg00174718	2.07E-17	4.93E-19	-9.92	32.365468	-1.64E-01	47136110	47136233	NC_000006.11

ch.3.2399726R	2.08E-17	4.95E-19	-9.92	32.360654	-4.90E-02	122832054	122832177	NC_000003.11
cg22976832	2.10E-17	5.01E-19	-9.91	32.3504714	-1.72E-01	112295835	112295958	NC_000010.10
cg05259946	2.10E-17	5.02E-19	-9.91	32.3479818	-5.83E-02	474937	475060	NC_000016.9
cg06431702	2.11E-17	5.04E-19	-9.91	32.342982	-1.36E-01	66624841	66624964	NC_000011.9
cg19325791	2.12E-17	5.06E-19	-9.91	32.3395249	-2.67E-01	46560683	46560806	NC_000017.10
cg26590603	2.12E-17	5.07E-19	-9.91	32.3381196	-1.63E-01	43478530	43478653	NC_000006.11
cg26550194	2.14E-17	5.11E-19	-9.91	32.3295722	-2.16E-01	74639928	74640051	NC_000017.10
cg05328461	2.15E-17	5.12E-19	-9.91	32.3271466	-2.21E-01	10231566	10231689	NC_000019.9
cg06935608	2.15E-17	5.13E-19	-9.91	32.3260621	-1.78E-01	26309176	26309299	NC_000008.10
cg01449818	2.15E-17	5.14E-19	-9.91	32.325176	-5.77E-02	116286605	116286728	NC_000010.10
cg17670650	2.15E-17	5.14E-19	-9.91	32.3238995	-1.71E-01	29565110	29565233	NC_000001.10
cg12123983	2.15E-17	5.14E-19	-9.91	32.3238366	-1.18E-01	62228668	62228791	NC_000014.8
cg21067652	2.16E-17	5.15E-19	-9.91	32.3225065	-1.38E-01	41548815	41548938	NC_000013.10
cg10437931	2.16E-17	5.17E-19	-9.91	32.3179657	-2.26E-01	12746791	12746914	NC_000002.11
cg11489918	2.16E-17	5.17E-19	-9.91	32.317636	-1.28E-01	62312720	62312843	NC_000011.9
cg23646614	2.18E-17	5.21E-19	-9.91	32.3109606	-1.40E-01	48083100	48083223	NC_000011.9
cg27031754	2.19E-17	5.24E-19	-9.91	32.3051535	-1.86E-01	54185940	54186063	NC_000005.9
cg14036776	2.20E-17	5.25E-19	-9.91	32.3023409	-1.39E-01	37595363	37595486	NC_000008.10
cg07287508	2.20E-17	5.26E-19	-9.91	32.3014871	-1.75E-01	59471566	59471689	NC_000017.10
cg00557308	2.21E-17	5.29E-19	-9.91	32.2953603	-1.53E-01	66274821	66274944	NC_000015.9
cg22569340	2.21E-17	5.30E-19	-9.91	32.294208	-6.76E-02	46000819	46000942	NC_000019.9
cg22888967	2.21E-17	5.30E-19	-9.91	32.294133	-1.88E-01	29293801	29293924	NC_000013.10
cg08320359	2.22E-17	5.32E-19	-9.91	32.2898724	-2.37E-01	15596053	15596176	NC_000016.9
cg18158670	2.22E-17	5.32E-19	-9.91	32.2895504	-2.34E-01	99433225	99433348	NC_000015.9
cg07323145	2.24E-17	5.37E-19	-9.9	32.2816385	-8.56E-02	67047620	67047743	NC_000016.9



cg07177437	2.24E-17	5.38E-19	-9.9	32.2795301	-2.02E-01	160850377	160850500	NC_000001.10
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cg08866794	2.27E-17	5.43E-19	-9.9	32.2697161	-1.94E-01	42104596	42104719	NC_000006.11
cg12961080	2.28E-17	5.46E-19	-9.9	32.2650443	-1.46E-01	99736143	99736266	NC_000014.8
cg24804768	2.28E-17	5.47E-19	-9.9	32.262964	-2.00E-01	754911	755034	NC_000012.11
cg01022670	2.29E-17	5.49E-19	-9.9	32.2596405	-2.72E-01	729711	729834	NC_000010.10
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cg18519072	2.29E-17	5.50E-19	-9.9	32.2565709	-2.24E-01	56185789	56185912	NC_000002.11
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cg18660898	2.32E-17	5.58E-19	-9.9	32.2433365	-2.60E-01	151030968	151031091	NC_000001.10
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cg16058274	2.34E-17	5.62E-19	-9.9	32.2350858	-2.29E-01	94179847	94179970	NC_000014.8
cg18311360	2.35E-17	5.64E-19	-9.9	32.2329069	-1.42E-01	34311562	34311685	NC_000019.9
cg08501292	2.35E-17	5.65E-19	-9.9	32.2310929	-9.76E-02	25962987	25963110	NC_000006.11
cg08601673	2.36E-17	5.68E-19	-9.9	32.225327	-2.08E-01	2083393	2083516	NC_000016.9
cg07546943	2.38E-17	5.73E-19	-9.89	32.2163155	-2.31E-01	236523362	236523485	NC_000002.11
cg25849281	2.39E-17	5.74E-19	-9.89	32.2143868	-1.99E-01	8937077	8937200	NC_000001.10
cg02498311	2.39E-17	5.74E-19	-9.89	32.2140154	-1.50E-01	73020358	73020481	NC_000011.9
cg24353833	2.40E-17	5.77E-19	-9.89	32.2100604	-7.19E-02	30658612	30658735	NC_000006.11
cg04257163	2.41E-17	5.79E-19	-9.89	32.2067015	-1.88E-01	89620072	89620195	NC_000012.11
cg00182893	2.41E-17	5.79E-19	-9.89	32.2059106	-2.19E-01	139861189	139861312	NC_000006.11
cg10433327	2.41E-17	5.80E-19	-9.89	32.2052189	-2.29E-01	56209506	56209629	NC_000015.9

cg24766327	2.41E-17	5.80E-19	-9.89	32.2050316	-1.81E-01	34011175	34011298	NC_000010.10
cg15447017	2.42E-17	5.81E-19	-9.89	32.2021675	-1.56E-01	156095882	156096005	NC_000001.10
cg13823169	2.42E-17	5.82E-19	-9.89	32.2010304	-1.65E-01	139776893	139777016	NC_000009.11
cg09642075	2.42E-17	5.84E-19	-9.89	32.198072	-2.22E-01	74303043	74303166	NC_000015.9
cg08692423	2.43E-17	5.84E-19	-9.89	32.197566	-1.95E-01	45148864	45148987	NC_000021.8
cg00795584	2.44E-17	5.87E-19	-9.89	32.193027	-1.82E-01	82649352	82649475	NC_000006.11
cg23908385	2.46E-17	5.92E-19	-9.89	32.1845823	-1.60E-01	77721565	77721688	NC_000018.9
cg13179549	2.46E-17	5.94E-19	-9.89	32.1809752	-1.69E-01	39769175	39769298	NC_000017.10
cg18660987	2.48E-17	5.98E-19	-9.89	32.1748139	-1.11E-01	23355743	23355866	NC_000014.8
cg05227549	2.48E-17	5.99E-19	-9.89	32.1731892	-1.47E-01	1770782	1770905	NC_000012.11
cg17250262	2.49E-17	6.01E-19	-9.89	32.169903	-1.75E-01	30457110	30457233	NC_000002.11
cg10195962	2.49E-17	6.01E-19	-9.89	32.1688563	-1.93E-01	47656369	47656492	NC_000010.10
cg17726575	2.50E-17	6.03E-19	-9.89	32.16572	-2.07E-01	11606945	11607068	NC_000002.11
cg07191839	2.51E-17	6.05E-19	-9.89	32.1631662	-1.71E-01	149109519	149109642	NC_000001.10
cg19404184	2.51E-17	6.05E-19	-9.89	32.1622103	-5.09E-02	20438655	20438778	NC_000013.10
cg13079333	2.51E-17	6.06E-19	-9.89	32.1615193	-1.28E-01	61937483	61937606	NC_000020.10
cg19272348	2.53E-17	6.11E-19	-9.88	32.153611	-1.83E-01	1521405	1521528	NC_000017.10
cg12235877	2.53E-17	6.12E-19	-9.88	32.1516662	-1.61E-01	323392	323515	NC_000012.11
cg17436656	2.53E-17	6.12E-19	-9.88	32.1506042	-1.54E-01	53627106	53627229	NC_000012.11
cg10230591	2.54E-17	6.15E-19	-9.88	32.1472277	-2.18E-01	44818496	44818619	NC_000013.10
cg21205978	2.55E-17	6.16E-19	-9.88	32.1450749	-2.23E-01	36044151	36044274	NC_000022.10
cg15503081	2.57E-17	6.21E-19	-9.88	32.1363485	-1.98E-01	12992867	12992990	NC_000019.9
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cg16374343	2.58E-17	6.25E-19	-9.88	32.1311395	-1.59E-01	1014352	1014475	NC_000017.10
cg08701429	2.59E-17	6.26E-19	-9.88	32.1296491	-2.10E-01	15394553	15394676	NC_000017.10

cg04849850	2.61E-17	6.32E-19	-9.88	32.1190487	-1.93E-01	86121000	86121123	NC_000002.11
cg07069934	2.61E-17	6.32E-19	-9.88	32.1186904	-1.96E-01	89192956	89193079	NC_000015.9
cg22881750	2.62E-17	6.34E-19	-9.88	32.116895	-2.35E-01	36795406	36795529	NC_000006.11
ch.15.37208706R	2.63E-17	6.36E-19	-9.88	32.1130118	-1.23E-01	39421414	39421537	NC_000015.9
cg00318899	2.63E-17	6.36E-19	-9.88	32.1128502	-1.47E-01	50284137	50284260	NC_000003.11
cg20243544	2.63E-17	6.37E-19	-9.88	32.1111769	-3.34E-02	37824526	37824649	NC_000017.10
cg04625338	2.64E-17	6.39E-19	-9.88	32.1078159	-2.22E-01	55141971	55142094	NC_000007.13
cg09551613	2.66E-17	6.44E-19	-9.88	32.1012677	-1.36E-01	96478514	96478637	NC_000005.9
cg26841068	2.66E-17	6.45E-19	-9.88	32.099363	-1.28E-01	203456691	203456814	NC_000001.10
cg14644871	2.66E-17	6.45E-19	-9.88	32.0989167	-1.95E-01	26192756	26192879	NC_000007.13
cg17150809	2.69E-17	6.51E-19	-9.88	32.0901881	-1.49E-01	99461062	99461185	NC_000006.11
cg01783816	2.69E-17	6.53E-19	-9.87	32.0864375	-1.77E-01	103523190	103523313	NC_000013.10
cg13819005	2.70E-17	6.54E-19	-9.87	32.0861672	-1.35E-01	38310922	38311045	NC_000009.11
cg08866665	2.70E-17	6.54E-19	-9.87	32.0850849	-1.34E-01	169689892	169690015	NC_000006.11
cg01356872	2.71E-17	6.57E-19	-9.87	32.0815777	-2.23E-01	225086507	225086630	NC_000002.11
cg13630878	2.73E-17	6.62E-19	-9.87	32.0741413	-2.32E-01	31215822	31215945	NC_000015.9
cg07892126	2.73E-17	6.63E-19	-9.87	32.0721781	-6.21E-02	27986306	27986429	NC_000001.10
cg14397690	2.74E-17	6.65E-19	-9.87	32.0692157	-1.99E-01	60688948	60689071	NC_000015.9
cg07086674	2.75E-17	6.68E-19	-9.87	32.0642775	-2.66E-01	169852316	169852439	NC_000006.11
cg09621603	2.76E-17	6.70E-19	-9.87	32.0621333	-2.09E-01	128210076	128210199	NC_000010.10
cg00002837	2.76E-17	6.71E-19	-9.87	32.0602756	-1.48E-01	44513358	44513481	NC_000001.10
cg11807006	2.76E-17	6.71E-19	-9.87	32.0599633	-1.93E-01	7239821	7239944	NC_000017.10
cg09200260	2.78E-17	6.75E-19	-9.87	32.0549397	-2.85E-01	36577539	36577662	NC_000021.8
cg03670816	2.78E-17	6.75E-19	-9.87	32.0548947	-5.83E-02	53606426	53606549	NC_000005.9
cg09508119	2.79E-17	6.77E-19	-9.87	32.0516275	-7.68E-02	506588	506711	NC_000019.9

cg00741986	2.79E-17	6.79E-19	-9.87	32.0488648	-1.88E-01	2748332	2748455	NC_000004.11
cg26081974	2.80E-17	6.80E-19	-9.87	32.0472532	-2.38E-01	114065897	114066020	NC_000013.10
cg20161089	2.80E-17	6.82E-19	-9.87	32.0440906	-2.42E-01	94577514	94577637	NC_000014.8
cg03792964	2.82E-17	6.85E-19	-9.87	32.0401853	-2.28E-01	73836161	73836284	NC_000003.11
cg03618113	2.82E-17	6.86E-19	-9.87	32.038852	-1.90E-01	90163145	90163268	NC_000012.11
cg12563847	2.82E-17	6.87E-19	-9.87	32.0366522	-1.53E-01	17529499	17529622	NC_000017.10
cg00246451	2.84E-17	6.90E-19	-9.87	32.0326576	-2.24E-01	155949012	155949135	NC_000001.10
cg05476182	2.84E-17	6.90E-19	-9.87	32.0326481	-1.81E-01	133913122	133913245	NC_000005.9
cg14189782	2.86E-17	6.95E-19	-9.87	32.0255331	-1.42E-01	65342283	65342406	NC_000011.9
cg19035908	2.87E-17	6.99E-19	-9.86	32.020156	-1.99E-01	33765633	33765756	NC_000019.9
cg18281439	2.88E-17	7.01E-19	-9.86	32.0174093	-6.64E-02	134662025	134662148	NC_000010.10
cg19284726	2.88E-17	7.02E-19	-9.86	32.0147529	-1.71E-01	3482743	3482866	NC_000019.9
cg13249774	2.89E-17	7.04E-19	-9.86	32.0125564	-1.94E-01	68121506	68121629	NC_000011.9
cg02742555	2.90E-17	7.06E-19	-9.86	32.0092761	-1.47E-01	15200692	15200815	NC_000011.9
cg09089053	2.90E-17	7.07E-19	-9.86	32.0088757	-1.17E-01	40731797	40731920	NC_000019.9
cg25694349	2.90E-17	7.07E-19	-9.86	32.0082558	-2.52E-01	133065906	133066029	NC_000012.11
cg01138652	2.91E-17	7.08E-19	-9.86	32.0062975	-1.70E-01	19973978	19974101	NC_000022.10
cg18767964	2.91E-17	7.10E-19	-9.86	32.0039823	-1.64E-01	38529973	38530096	NC_000001.10
cg19241689	2.92E-17	7.12E-19	-9.86	32.0013445	-2.45E-01	33245516	33245639	NC_000006.11
cg17183905	2.92E-17	7.13E-19	-9.86	31.9999245	-1.18E-01	110253842	110253965	NC_000012.11
cg23568538	2.92E-17	7.14E-19	-9.86	31.9992007	-1.82E-01	143491714	143491837	NC_000008.10
cg24882290	2.93E-17	7.14E-19	-9.86	31.9980548	-6.76E-02	17577254	17577377	NC_000019.9
cg26474043	2.93E-17	7.15E-19	-9.86	31.9975612	-1.90E-01	148442857	148442980	NC_000005.9
cg13272159	2.94E-17	7.18E-19	-9.86	31.9935105	-7.95E-02	77561197	77561320	NC_000014.8
cg12491643	2.94E-17	7.18E-19	-9.86	31.9927185	-2.33E-01	63753697	63753820	NC_000015.9

cg26986147	2.94E-17	7.19E-19	-9.86	31.992325	-1.93E-01	30957711	30957834	NC_000022.10
cg15079885	2.95E-17	7.20E-19	-9.86	31.9908408	-1.55E-01	32041940	32042063	NC_000001.10
cg10954182	2.95E-17	7.20E-19	-9.86	31.9902503	-1.22E-01	104532377	104532500	NC_000012.11
cg06786773	2.95E-17	7.21E-19	-9.86	31.9894615	-7.88E-02	228566997	228567120	NC_000001.10
cg22248286	2.95E-17	7.21E-19	-9.86	31.9892572	-1.51E-01	236849184	236849307	NC_000002.11
cg02757488	2.97E-17	7.26E-19	-9.86	31.9814036	-1.55E-01	41193662	41193785	NC_000019.9
cg26381352	2.98E-17	7.27E-19	-9.86	31.9802025	-1.81E-01	33244799	33244922	NC_000006.11
cg26607258	3.00E-17	7.32E-19	-9.86	31.9733392	-2.15E-01	59582768	59582891	NC_000001.10
cg17035591	3.00E-17	7.34E-19	-9.86	31.9715661	-1.22E-01	39437295	39437418	NC_000022.10
cg10910862	3.03E-17	7.40E-19	-9.86	31.9625076	-1.95E-01	170414111	170414234	NC_000004.11
cg26295808	3.04E-17	7.44E-19	-9.86	31.9572087	-1.19E-01	61822816	61822939	NC_000008.10
cg02273797	3.05E-17	7.47E-19	-9.85	31.9533771	-1.73E-01	33191153	33191276	NC_000001.10
cg18928737	3.06E-17	7.48E-19	-9.85	31.9528497	-1.01E-01	38599465	38599588	NC_000017.10
cg00414077	3.06E-17	7.49E-19	-9.85	31.9510267	-1.59E-01	35504511	35504634	NC_000020.10
cg06344474	3.06E-17	7.49E-19	-9.85	31.9505756	-1.88E-01	144801223	144801346	NC_000008.10
cg23290217	3.06E-17	7.50E-19	-9.85	31.9503396	-5.47E-02	4909290	4909413	NC_000019.9
cg19165105	3.08E-17	7.53E-19	-9.85	31.9459665	-1.43E-01	121261602	121261725	NC_000001.10
cg14957186	3.08E-17	7.53E-19	-9.85	31.9456911	-1.33E-01	72977773	72977896	NC_000010.10
cg23788856	3.09E-17	7.56E-19	-9.85	31.9413288	-1.04E-01	204159729	204159852	NC_000001.10
cg00302479	3.10E-17	7.60E-19	-9.85	31.9362805	-1.75E-01	113931538	113931661	NC_000002.11
cg24990612	3.11E-17	7.61E-19	-9.85	31.935222	-4.95E-02	39641132	39641255	NC_000022.10
cg12674357	3.13E-17	7.67E-19	-9.85	31.9281771	-1.98E-01	106957945	106958068	NC_000006.11
cg15965583	3.13E-17	7.67E-19	-9.85	31.9271232	-9.20E-02	150601949	150602072	NC_000001.10
cg13195954	3.14E-17	7.70E-19	-9.85	31.9238284	-6.34E-02	142377489	142377612	NC_000008.10
cg18757155	3.14E-17	7.70E-19	-9.85	31.9237714	-1.52E-01	24151472	24151595	NC_000008.10

cg02941008	3.15E-17	7.72E-19	-9.85	31.9216886	-1.04E-01	20810527	20810650	NC_000001.10
cg11491436	3.18E-17	7.79E-19	-9.85	31.9121579	-1.94E-01	87374513	87374636	NC_000004.11
cg27533454	3.19E-17	7.83E-19	-9.85	31.9068255	-1.59E-01	88121642	88121765	NC_000016.9
cg13885205	3.20E-17	7.86E-19	-9.85	31.9029167	-1.80E-01	197466195	197466318	NC_000002.11
cg24904103	3.22E-17	7.92E-19	-9.85	31.8961763	-8.53E-02	66146628	66146751	NC_000007.13
cg07286682	3.24E-17	7.97E-19	-9.84	31.8899696	-1.78E-01	69447132	69447255	NC_000015.9
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cg01620701	3.26E-17	8.01E-19	-9.84	31.8852167	-2.30E-01	75953954	75954077	NC_000015.9
cg13365340	3.27E-17	8.03E-19	-9.84	31.8819708	-2.16E-01	33245342	33245465	NC_000006.11
cg20594303	3.34E-17	8.22E-19	-9.84	31.8585208	-1.91E-01	60680256	60680379	NC_000010.10
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cg27001715	3.35E-17	8.23E-19	-9.84	31.8575552	-1.52E-01	150329845	150329968	NC_000006.11
cg12308965	3.35E-17	8.23E-19	-9.84	31.8572085	-1.54E-01	67291387	67291510	NC_000011.9
cg15026767	3.35E-17	8.25E-19	-9.84	31.8552895	-1.82E-01	153521758	153521881	NC_000001.10
cg27199976	3.35E-17	8.25E-19	-9.84	31.8548168	-1.99E-01	107149396	107149519	NC_000003.11
cg10211776	3.37E-17	8.29E-19	-9.84	31.850382	-2.09E-01	37744077	37744200	NC_000008.10
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cg19831846	3.43E-17	8.45E-19	-9.84	31.831367	-6.35E-02	47167859	47167982	NC_000002.11
cg10960266	3.43E-17	8.46E-19	-9.84	31.8307878	-2.34E-01	11610142	11610265	NC_000003.11
cg22101190	3.44E-17	8.48E-19	-9.84	31.8286818	-1.59E-01	77896096	77896219	NC_000017.10
cg21776286	3.46E-17	8.53E-19	-9.83	31.8220399	-1.45E-01	99964298	99964421	NC_000007.13
cg11225357	3.47E-17	8.55E-19	-9.83	31.819566	-1.47E-01	79339278	79339401	NC_000017.10

cg10181192	3.47E-17	8.55E-19	-9.83	31.8194566	-1.97E-01	56840643	56840766	NC_000001.10
cg09049451	3.48E-17	8.58E-19	-9.83	31.8162422	-1.86E-01	64774295	64774418	NC_000011.9
cg00058887	3.49E-17	8.61E-19	-9.83	31.8128375	-2.08E-01	184909018	184909141	NC_000004.11
cg27493649	3.51E-17	8.65E-19	-9.83	31.8079576	-5.40E-02	30042987	30043110	NC_000006.11
cg10778971	3.52E-17	8.68E-19	-9.83	31.8053817	-2.33E-01	94577101	94577224	NC_000014.8
cg13136716	3.52E-17	8.68E-19	-9.83	31.804649	-7.24E-02	42275153	42275276	NC_000002.11
cg24968786	3.52E-17	8.70E-19	-9.83	31.8029436	-6.13E-02	66360800	66360923	NC_000011.9
cg04255391	3.52E-17	8.70E-19	-9.83	31.8027556	-2.43E-01	145008397	145008520	NC_000008.10
cg10395101	3.54E-17	8.73E-19	-9.83	31.799061	-2.02E-01	6420858	6420981	NC_000008.10
cg16282892	3.57E-17	8.82E-19	-9.83	31.788946	-3.02E-01	193987757	193987880	NC_000003.11
cg22177308	3.58E-17	8.83E-19	-9.83	31.787496	-2.50E-01	63624698	63624821	NC_000017.10
cg06211255	3.58E-17	8.85E-19	-9.83	31.7861606	-1.12E-01	65153842	65153965	NC_000011.9
cg16591816	3.58E-17	8.86E-19	-9.83	31.7849273	-5.72E-02	170190914	170191037	NC_000006.11
cg07225598	3.60E-17	8.91E-19	-9.83	31.7795467	-1.27E-01	228646916	228647039	NC_000001.10
cg26894259	3.61E-17	8.93E-19	-9.83	31.7770806	-7.84E-02	27817246	27817369	NC_000001.10
cg24571822	3.61E-17	8.93E-19	-9.83	31.7763589	-1.30E-01	17009592	17009715	NC_000010.10
cg02371376	3.62E-17	8.94E-19	-9.83	31.7754679	-2.56E-01	77314406	77314529	NC_000015.9
cg14328676	3.62E-17	8.95E-19	-9.83	31.7747338	-2.46E-01	49077983	49078106	NC_000019.9
cg12272369	3.65E-17	9.03E-19	-9.83	31.7659018	-1.56E-01	95848841	95848964	NC_000010.10
cg04818594	3.65E-17	9.04E-19	-9.83	31.7647882	-2.20E-01	119341250	119341373	NC_000011.9
cg13802966	3.68E-17	9.10E-19	-9.82	31.7576698	-1.47E-01	104905834	104905957	NC_000011.9
cg23726566	3.68E-17	9.12E-19	-9.82	31.7564405	-1.16E-01	7051754	7051877	NC_000006.11
cg25577023	3.69E-17	9.12E-19	-9.82	31.7557564	-6.17E-02	103394899	103395022	NC_000014.8
cg26364899	3.71E-17	9.18E-19	-9.82	31.7491797	-3.77E-02	12329070	12329193	NC_000003.11
cg22914057	3.73E-17	9.24E-19	-9.82	31.7434414	-2.13E-01	1331882	1332005	NC_000004.11

cg17487170	3.74E-17	9.26E-19	-9.82	31.7413889	-1.08E-01	133451259	133451382	NC_000005.9
cg06245711	3.74E-17	9.26E-19	-9.82	31.7409473	-1.52E-01	74260776	74260899	NC_000017.10
cg21493727	3.75E-17	9.28E-19	-9.82	31.7384467	-2.27E-01	127938624	127938747	NC_000008.10
cg25771140	3.75E-17	9.29E-19	-9.82	31.7380916	-7.58E-02	207494472	207494595	NC_000001.10
cg14662181	3.77E-17	9.33E-19	-9.82	31.7337593	-2.16E-01	192408849	192408972	NC_000001.10
cg05445326	3.78E-17	9.37E-19	-9.82	31.7295512	-2.34E-01	196065569	196065692	NC_000003.11
cg16105620	3.78E-17	9.37E-19	-9.82	31.7294935	-5.00E-02	74178684	74178807	NC_000011.9
cg25637972	3.79E-17	9.39E-19	-9.82	31.7274275	-2.19E-01	17116181	17116304	NC_000006.11
cg04626878	3.79E-17	9.39E-19	-9.82	31.7268037	-1.59E-01	62168809	62168932	NC_000020.10
cg25358289	3.80E-17	9.41E-19	-9.82	31.7248481	-1.25E-01	140012728	140012851	NC_000005.9
cg12355681	3.80E-17	9.41E-19	-9.82	31.7247496	-1.35E-01	99404153	99404276	NC_000013.10
cg10614223	3.81E-17	9.44E-19	-9.82	31.722289	-1.35E-01	18111389	18111512	NC_000019.9
cg20673075	3.82E-17	9.47E-19	-9.82	31.7188141	-1.22E-01	99838488	99838611	NC_000008.10
cg08275025	3.82E-17	9.48E-19	-9.82	31.7173774	-2.04E-01	314493	314616	NC_000011.9
cg08739282	3.84E-17	9.54E-19	-9.82	31.7117162	-8.86E-02	24586511	24586634	NC_000004.11
cg17416730	3.85E-17	9.55E-19	-9.82	31.7108172	-2.41E-01	33245541	33245664	NC_000006.11
cg27076536	3.85E-17	9.57E-19	-9.82	31.7086805	-2.09E-01	70728001	70728124	NC_000016.9
cg07586026	3.87E-17	9.60E-19	-9.82	31.7051766	-1.85E-01	12600225	12600348	NC_000001.10
cg22507023	3.87E-17	9.60E-19	-9.82	31.7048265	-2.17E-01	55946195	55946318	NC_000017.10
cg19828516	3.88E-17	9.64E-19	-9.82	31.7011724	-1.59E-01	105531855	105531978	NC_000014.8
cg21268653	3.90E-17	9.70E-19	-9.82	31.6944658	-1.49E-01	116961672	116961795	NC_000001.10
cg07937427	3.91E-17	9.71E-19	-9.82	31.693829	-2.78E-01	59592763	59592886	NC_000015.9
cg04920527	3.91E-17	9.73E-19	-9.81	31.6923006	-8.65E-02	153505651	153505774	NC_000001.10
cg12235788	3.94E-17	9.80E-19	-9.81	31.6848897	-1.87E-01	123476518	123476641	NC_000003.11
cg04499514	3.94E-17	9.80E-19	-9.81	31.6845817	-2.84E-01	8219020	8219143	NC_000012.11



cg16777057	3.94E-17	9.81E-19	-9.81	31.6840403	-4.46E-02	219774048	219774171	NC_000002.11
cg11545360	3.95E-17	9.81E-19	-9.81	31.6833473	-6.62E-02	96793417	96793540	NC_000012.11
cg11219400	3.97E-17	9.89E-19	-9.81	31.6761674	-1.96E-01	36949966	36950089	NC_000003.11
cg22908423	3.98E-17	9.90E-19	-9.81	31.6745623	-1.72E-01	101947241	101947364	NC_000014.8
cg01112020	3.98E-17	9.92E-19	-9.81	31.6729583	-1.30E-01	239008986	239009109	NC_000002.11
cg24512400	4.01E-17	9.99E-19	-9.81	31.6653414	-1.66E-01	51522561	51522684	NC_000019.9
cg14284257	4.02E-17	1.00E-18	-9.81	31.6642941	-2.55E-01	95060347	95060470	NC_000007.13
cg24626851	4.02E-17	1.00E-18	-9.81	31.6630983	-1.13E-01	35350721	35350844	NC_000001.10
cg01636582	4.03E-17	1.00E-18	-9.81	31.6616551	-1.42E-01	844593	844716	NC_000011.9
cg08943045	4.03E-17	1.00E-18	-9.81	31.6611974	-1.37E-01	9043919	9044042	NC_000001.10
cg19945931	4.06E-17	1.01E-18	-9.81	31.6525832	-2.27E-01	133022760	133022883	NC_000012.11
cg10764891	4.07E-17	1.01E-18	-9.81	31.6512961	-2.26E-01	100434934	100435057	NC_000014.8
cg02912371	4.08E-17	1.02E-18	-9.81	31.647142	-1.85E-01	205913859	205913982	NC_000001.10
cg20081244	4.09E-17	1.02E-18	-9.81	31.6453353	-9.12E-02	79859945	79860068	NC_000017.10
cg02132760	4.09E-17	1.02E-18	-9.81	31.6447826	-9.79E-02	18416547	18416670	NC_000011.9
cg14953730	4.10E-17	1.02E-18	-9.81	31.642338	-1.64E-01	134498830	134498953	NC_000010.10
cg24476153	4.12E-17	1.03E-18	-9.81	31.6376795	-1.17E-01	142139938	142140061	NC_000008.10
cg27348266	4.13E-17	1.03E-18	-9.81	31.6335729	-1.24E-01	104583972	104584095	NC_000014.8
cg07123038	4.15E-17	1.04E-18	-9.81	31.6302407	-1.31E-01	8403925	8404048	NC_000001.10
cg10609868	4.16E-17	1.04E-18	-9.8	31.6268075	-2.27E-01	81963379	81963502	NC_000008.10
cg02900441	4.18E-17	1.05E-18	-9.8	31.6206996	-2.27E-01	15911134	15911257	NC_000001.10
cg18719939	4.20E-17	1.05E-18	-9.8	31.6176948	-1.31E-01	48545308	48545431	NC_000003.11
cg14358282	4.20E-17	1.05E-18	-9.8	31.6161328	-6.12E-02	219866628	219866751	NC_000002.11
cg17031543	4.20E-17	1.05E-18	-9.8	31.6153219	-1.62E-01	52918471	52918594	NC_000004.11
cg13685506	4.22E-17	1.05E-18	-9.8	31.6119234	-2.13E-01	11851713	11851836	NC_000005.9

cg27041554	4.22E-17	1.06E-18	-9.8	31.6104183	-7.94E-02	30068899	30069022	NC_000006.11
cg02243495	4.23E-17	1.06E-18	-9.8	31.6080575	-8.20E-02	48227139	48227262	NC_000017.10
cg26037936	4.25E-17	1.06E-18	-9.8	31.6039856	-2.30E-01	120417671	120417794	NC_000011.9
cg06595022	4.25E-17	1.06E-18	-9.8	31.6036029	-1.87E-01	1912448	1912571	NC_000019.9
cg18201505	4.26E-17	1.07E-18	-9.8	31.6008525	-1.69E-01	159052446	159052569	NC_000006.11
cg17187163	4.26E-17	1.07E-18	-9.8	31.6007651	-1.07E-01	238395007	238395130	NC_000002.11
cg11446240	4.27E-17	1.07E-18	-9.8	31.598425	-7.68E-02	136633306	136633429	NC_000002.11
cg27050612	4.29E-17	1.07E-18	-9.8	31.5940511	-1.61E-01	46133198	46133321	NC_000017.10
cg15120085	4.30E-17	1.08E-18	-9.8	31.5916321	-1.45E-01	32041898	32042021	NC_000001.10
cg07318287	4.32E-17	1.08E-18	-9.8	31.5862226	-7.75E-02	154377429	154377552	NC_000001.10
cg24722348	4.33E-17	1.09E-18	-9.8	31.5836553	-1.57E-01	21900987	21901110	NC_000001.10
cg01574788	4.33E-17	1.09E-18	-9.8	31.5831899	-1.84E-01	12184133	12184256	NC_000016.9
cg11888982	4.35E-17	1.09E-18	-9.8	31.5780892	-2.67E-01	116231420	116231543	NC_000008.10
cg27504369	4.39E-17	1.10E-18	-9.8	31.5688944	-2.02E-01	39353550	39353673	NC_000022.10
cg14442061	4.39E-17	1.10E-18	-9.8	31.5684261	-6.52E-02	17740468	17740591	NC_000017.10
cg04487659	4.41E-17	1.11E-18	-9.8	31.5655354	-1.24E-01	43510575	43510698	NC_000017.10
cg21255657	4.41E-17	1.11E-18	-9.8	31.5649992	-1.18E-01	77006304	77006427	NC_000017.10
cg08620095	4.41E-17	1.11E-18	-9.8	31.5644666	-1.11E-01	51530970	51531093	NC_000019.9
cg21937377	4.41E-17	1.11E-18	-9.8	31.5640986	-3.11E-01	194868750	194868873	NC_000003.11
cg27326514	4.41E-17	1.11E-18	-9.8	31.5636738	-1.97E-01	80527604	80527727	NC_000008.10
cg14409083	4.42E-17	1.11E-18	-9.79	31.5611257	-1.20E-01	13349724	13349847	NC_000012.11
cg26270195	4.43E-17	1.11E-18	-9.79	31.5607967	-2.38E-01	33245553	33245676	NC_000006.11
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cg17709953	4.45E-17	1.12E-18	-9.79	31.5537402	-8.41E-02	97379796	97379919	NC_000012.11

cg26026748	4.45E-17	1.12E-18	-9.79	31.5536383	-1.01E-01	164629875	164629998	NC_000001.10
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cg01899130	4.46E-17	1.12E-18	-9.79	31.5520685	-2.07E-01	55348681	55348804	NC_000014.8
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cg16100355	4.49E-17	1.13E-18	-9.79	31.5448278	-2.43E-01	113648607	113648730	NC_000013.10
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cg05407338	5.19E-17	1.32E-18	-9.77	31.392596	-1.80E-01	8213522	8213645	NC_000017.10
cg14693090	5.20E-17	1.32E-18	-9.77	31.3905006	-1.95E-01	11899281	11899404	NC_000012.11
cg18672998	5.22E-17	1.32E-18	-9.77	31.3860814	-1.66E-01	1157306	1157429	NC_000017.10
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cg16384957	5.45E-17	1.39E-18	-9.76	31.3406749	-2.21E-01	1050848	1050971	NC_000011.9
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cg08908004	5.49E-17	1.40E-18	-9.76	31.3324986	-7.87E-02	25959712	25959835	NC_000022.10
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cg03168497	5.54E-17	1.41E-18	-9.76	31.3227028	-2.33E-01	48586147	48586270	NC_000017.10
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ch.4.97150F	5.58E-17	1.42E-18	-9.76	31.3144929	-7.08E-02	2368003	2368126	NC_000004.11
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cg00592007	5.78E-17	1.48E-18	-9.75	31.2787936	-1.20E-01	1226235	1226358	NC_000016.9
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cg03049445	5.97E-17	1.53E-18	-9.75	31.2439247	-2.04E-01	21277954	21278077	NC_000006.11

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cg23665568	5.98E-17	1.53E-18	-9.75	31.2421019	-1.71E-01	85745053	85745176	NC_000001.10
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cg04845060	6.01E-17	1.54E-18	-9.75	31.2353695	-1.65E-01	53455270	53455393	NC_000004.11
cg20699701	6.03E-17	1.55E-18	-9.74	31.2328749	-1.41E-01	3089762	3089885	NC_000001.10
cg19103704	6.04E-17	1.55E-18	-9.74	31.2304781	-1.47E-01	40440963	40441086	NC_000019.9
cg15229275	6.04E-17	1.55E-18	-9.74	31.2300653	-1.64E-01	46800054	46800177	NC_000019.9
cg00025357	6.05E-17	1.55E-18	-9.74	31.2291797	-1.64E-01	17577455	17577578	NC_000001.10
cg24900654	6.05E-17	1.55E-18	-9.74	31.2284962	-1.25E-01	44285594	44285717	NC_000019.9
cg18870532	6.07E-17	1.56E-18	-9.74	31.2248412	-8.14E-02	142139341	142139464	NC_000008.10
cg20912978	6.11E-17	1.57E-18	-9.74	31.2186576	-1.25E-01	48061990	48062113	NC_000020.10
cg04366628	6.13E-17	1.57E-18	-9.74	31.2153248	-2.36E-01	26290463	26290586	NC_000004.11
cg16651732	6.15E-17	1.58E-18	-9.74	31.2119623	-4.99E-02	89631057	89631180	NC_000015.9
cg01303055	6.18E-17	1.59E-18	-9.74	31.206473	-1.95E-01	11265429	11265552	NC_000011.9
cg23560676	6.18E-17	1.59E-18	-9.74	31.2060275	-2.73E-01	126272469	126272592	NC_000008.10
cg03429643	6.19E-17	1.59E-18	-9.74	31.2049442	-1.91E-01	99280963	99281086	NC_000002.11
cg19510206	6.19E-17	1.59E-18	-9.74	31.2035687	-2.70E-01	133101587	133101710	NC_000012.11
cg07145834	6.20E-17	1.59E-18	-9.74	31.2023556	-9.76E-02	123878522	123878645	NC_000008.10
cg05874913	6.22E-17	1.60E-18	-9.74	31.1988879	-8.76E-02	160569340	160569463	NC_000002.11



cg26482939	6.22E-17	1.60E-18	-9.74	31.1987445	-2.10E-01	3136710	3136833	NC_000019.9
cg24293507	6.25E-17	1.61E-18	-9.74	31.1949595	-1.59E-01	10511793	10511916	NC_000001.10
cg24538029	6.26E-17	1.61E-18	-9.74	31.1929724	-9.66E-02	170846083	170846206	NC_000005.9
cg04263436	6.28E-17	1.62E-18	-9.74	31.1888114	-2.96E-01	33245467	33245590	NC_000006.11
cg01735318	6.28E-17	1.62E-18	-9.74	31.1883306	-5.45E-02	24307664	24307787	NC_000002.11
cg16181986	6.30E-17	1.62E-18	-9.74	31.1857908	-1.54E-01	102491129	102491252	NC_000010.10
cg10665892	6.35E-17	1.63E-18	-9.74	31.1779521	-2.02E-01	1921115	1921238	NC_000012.11
cg19128261	6.35E-17	1.64E-18	-9.74	31.177101	-1.71E-01	53839251	53839374	NC_000003.11
cg05798318	6.37E-17	1.64E-18	-9.74	31.1751229	-1.96E-01	536758	536881	NC_000011.9
cg18475969	6.39E-17	1.64E-18	-9.74	31.1717051	-1.50E-01	177077202	177077325	NC_000003.11
cg14263139	6.46E-17	1.66E-18	-9.73	31.16019	-1.15E-01	66104018	66104141	NC_000011.9
cg04424621	6.50E-17	1.68E-18	-9.73	31.1523805	-2.10E-01	27101941	27102064	NC_000006.11
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cg17217017	6.55E-17	1.69E-18	-9.73	31.1445839	-1.56E-01	158828449	158828572	NC_000007.13
cg02980249	6.58E-17	1.70E-18	-9.73	31.1396426	-1.98E-01	31760762	31760885	NC_000006.11
cg22992966	6.59E-17	1.70E-18	-9.73	31.1392155	-1.57E-01	43867024	43867147	NC_000010.10
cg12762733	6.61E-17	1.70E-18	-9.73	31.136282	-1.60E-01	149744041	149744164	NC_000007.13
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cg07047068	6.65E-17	1.72E-18	-9.73	31.1286484	-1.43E-01	844686	844809	NC_000011.9
cg10816760	6.65E-17	1.72E-18	-9.73	31.1282308	-1.67E-01	142890973	142891096	NC_000006.11
cg19513727	6.68E-17	1.73E-18	-9.73	31.1240649	-1.62E-01	110708125	110708248	NC_000012.11
cg19615406	6.68E-17	1.73E-18	-9.73	31.1235946	-7.78E-02	116164712	116164835	NC_000010.10
cg14679780	6.68E-17	1.73E-18	-9.73	31.1234693	-2.04E-01	4059525	4059648	NC_000019.9
cg06894612	6.71E-17	1.73E-18	-9.73	31.1194448	-2.17E-01	69042922	69043045	NC_000014.8
cg15636519	6.74E-17	1.74E-18	-9.73	31.1150368	-1.95E-01	191894418	191894541	NC_000002.11

cg04287684	6.75E-17	1.75E-18	-9.73	31.1131008	-1.80E-01	166944375	166944498	NC_000006.11
cg25081201	6.76E-17	1.75E-18	-9.73	31.1120382	-1.43E-01	43867071	43867194	NC_000010.10
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cg05762671	6.76E-17	1.75E-18	-9.73	31.111208	-2.48E-01	67345737	67345860	NC_000016.9
cg15935736	6.77E-17	1.75E-18	-9.73	31.1099713	-9.38E-02	31476933	31477056	NC_000012.11
cg11982546	6.79E-17	1.76E-18	-9.73	31.1066146	-2.02E-01	56832362	56832485	NC_000008.10
cg03908688	6.81E-17	1.76E-18	-9.73	31.1035076	-1.74E-01	742683	742806	NC_000020.10
cg05622577	6.82E-17	1.76E-18	-9.72	31.1026297	-2.36E-01	33710900	33711023	NC_000010.10
cg18786995	6.82E-17	1.77E-18	-9.72	31.1016811	-1.17E-01	58988182	58988305	NC_000019.9
cg03534410	6.82E-17	1.77E-18	-9.72	31.1016277	-1.37E-01	12801112	12801235	NC_000003.11
cg18859033	6.83E-17	1.77E-18	-9.72	31.10073	-1.96E-01	153581793	153581916	NC_000001.10
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cg17389813	6.87E-17	1.78E-18	-9.72	31.0946437	-2.79E-01	122060265	122060388	NC_000011.9
cg17115419	6.96E-17	1.80E-18	-9.72	31.0821445	-2.47E-01	5593926	5594049	NC_000010.10
cg13693328	6.98E-17	1.81E-18	-9.72	31.0784327	-1.85E-01	9256341	9256464	NC_000001.10
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cg13326508	7.03E-17	1.82E-18	-9.72	31.0706279	-2.64E-01	41985720	41985843	NC_000017.10
cg07142010	7.03E-17	1.82E-18	-9.72	31.0701622	-1.90E-01	21901166	21901289	NC_000001.10
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cg15645309	7.08E-17	1.83E-18	-9.72	31.0637331	-2.63E-01	75988747	75988870	NC_000014.8
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cg06764239	7.11E-17	1.84E-18	-9.72	31.0581719	-1.38E-01	119544772	119544895	NC_000001.10
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cg27139956	7.18E-17	1.86E-18	-9.72	31.0487094	-7.91E-02	45470290	45470413	NC_000010.10
cg20971045	7.19E-17	1.86E-18	-9.72	31.0473958	-1.32E-01	53075687	53075810	NC_000005.9
cg10142520	7.22E-17	1.87E-18	-9.72	31.0429605	-2.38E-01	65344604	65344727	NC_000011.9
cg09645475	7.25E-17	1.88E-18	-9.72	31.0389169	-1.71E-01	815316	815439	NC_000020.10
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cg02449638	7.27E-17	1.89E-18	-9.71	31.0362425	-1.32E-01	36607078	36607201	NC_000019.9
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cg18427091	7.29E-17	1.89E-18	-9.71	31.0328433	-1.78E-01	30115417	30115540	NC_000017.10
cg17018082	7.29E-17	1.89E-18	-9.71	31.0325725	-2.08E-01	119428220	119428343	NC_000008.10
cg07795964	7.36E-17	1.91E-18	-9.71	31.0222603	-1.89E-01	2066320	2066443	NC_000004.11
cg16591228	7.42E-17	1.93E-18	-9.71	31.0143831	-7.33E-02	149792515	149792638	NC_000005.9
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cg01716680	7.42E-17	1.93E-18	-9.71	31.0137273	-1.56E-01	35259750	35259873	NC_000001.10
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cg19324997	7.50E-17	1.95E-18	-9.71	31.0024729	-1.53E-01	240169161	240169284	NC_000002.11
ch.4.113910337F	7.50E-17	1.95E-18	-9.71	31.0020266	-6.98E-02	113690888	113691011	NC_000004.11
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cg12442242	7.57E-17	1.97E-18	-9.71	30.993115	-8.26E-02	141437720	141437843	NC_000007.13
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cg02179499	7.63E-17	1.99E-18	-9.71	30.9843011	-6.07E-02	123358183	123358306	NC_000010.10
cg21579209	7.64E-17	1.99E-18	-9.71	30.983742	-9.40E-02	138620362	138620485	NC_000007.13
cg19784721	7.67E-17	2.00E-18	-9.71	30.9785837	-1.02E-01	126043521	126043644	NC_000010.10
cg09613192	7.68E-17	2.00E-18	-9.71	30.9773563	-2.33E-01	181388538	181388661	NC_000002.11
cg10835083	7.72E-17	2.01E-18	-9.71	30.9717766	-2.22E-01	222395101	222395224	NC_000002.11

cg02999224	7.77E-17	2.02E-18	-9.7	30.9658277	-1.68E-01	23284559	23284682	NC_000014.8
cg04295322	7.78E-17	2.03E-18	-9.7	30.9644731	-1.67E-01	26833208	26833331	NC_000017.10
cg19640821	7.78E-17	2.03E-18	-9.7	30.9639825	-2.37E-01	18503517	18503640	NC_000019.9
cg06160973	7.82E-17	2.04E-18	-9.7	30.9586307	-2.14E-01	57522813	57522936	NC_000012.11
cg11299964	7.85E-17	2.05E-18	-9.7	30.9548861	-9.72E-02	128469783	128469906	NC_000009.11
cg24472574	7.88E-17	2.06E-18	-9.7	30.9509781	-1.16E-01	103070503	103070626	NC_000010.10
cg10548034	7.93E-17	2.07E-18	-9.7	30.943836	-2.06E-02	39872389	39872512	NC_000015.9
cg06137072	7.93E-17	2.07E-18	-9.7	30.9436387	-1.72E-01	141087187	141087310	NC_000003.11
cg19735514	7.96E-17	2.08E-18	-9.7	30.9395109	-1.66E-01	161762739	161762862	NC_000001.10
cg05645904	7.98E-17	2.08E-18	-9.7	30.9375596	-1.33E-01	33300514	33300637	NC_000005.9
cg04090604	8.03E-17	2.10E-18	-9.7	30.9310244	-9.69E-02	46222557	46222680	NC_000021.8
cg26656884	8.07E-17	2.11E-18	-9.7	30.9263743	-1.33E-01	31743820	31743943	NC_000006.11
cg10582639	8.08E-17	2.11E-18	-9.7	30.9251774	-5.96E-02	121526840	121526963	NC_000011.9
cg06525280	8.10E-17	2.12E-18	-9.7	30.9225687	-9.35E-02	216177303	216177426	NC_000002.11
cg03079132	8.12E-17	2.12E-18	-9.7	30.9185186	-1.46E-01	727212	727335	NC_000016.9
cg00300298	8.13E-17	2.12E-18	-9.7	30.9182348	-1.64E-01	30308956	30309079	NC_000020.10
cg07556059	8.13E-17	2.13E-18	-9.7	30.9176051	-1.22E-01	29449513	29449636	NC_000001.10
cg04872610	8.14E-17	2.13E-18	-9.7	30.9164162	-1.21E-01	114448489	114448612	NC_000001.10
cg01589580	8.16E-17	2.13E-18	-9.7	30.9136134	-1.28E-01	77440800	77440923	NC_000018.9
ch.16.73882809F	8.20E-17	2.15E-18	-9.7	30.9078492	-4.50E-02	75325308	75325431	NC_000016.9
cg11126762	8.25E-17	2.16E-18	-9.69	30.9025242	-1.57E-01	38846973	38847096	NC_000005.9
cg13289553	8.32E-17	2.18E-18	-9.69	30.8938336	-5.36E-02	32585524	32585647	NC_000005.9
cg02144874	8.32E-17	2.18E-18	-9.69	30.8927402	-1.88E-01	239047336	239047459	NC_000002.11
cg07837085	8.34E-17	2.18E-18	-9.69	30.8905997	-1.85E-01	160708990	160709113	NC_000001.10
cg06785293	8.35E-17	2.19E-18	-9.69	30.889745	-1.84E-01	157187520	157187643	NC_000006.11

cg13567299	8.37E-17	2.19E-18	-9.69	30.8872707	-2.10E-01	75201685	75201808	NC_000011.9
cg10968815	8.40E-17	2.20E-18	-9.69	30.8835579	-1.81E-01	31595346	31595469	NC_000020.10
cg20282941	8.42E-17	2.21E-18	-9.69	30.8809489	-4.38E-02	27760082	27760205	NC_000006.11
cg14989661	8.42E-17	2.21E-18	-9.69	30.8809302	-1.66E-01	38216354	38216477	NC_000003.11
cg15177359	8.42E-17	2.21E-18	-9.69	30.8804226	-1.58E-01	73840750	73840873	NC_000017.10
cg26502456	8.46E-17	2.22E-18	-9.69	30.8760951	-6.59E-02	3958437	3958560	NC_000004.11
cg14321284	8.46E-17	2.22E-18	-9.69	30.8758715	-1.31E-01	137186149	137186272	NC_000009.11
cg22441543	8.46E-17	2.22E-18	-9.69	30.8757113	-8.72E-02	50355555	50355678	NC_000022.10
cg05295023	8.48E-17	2.22E-18	-9.69	30.8732358	-1.67E-01	67079729	67079852	NC_000011.9
cg15360181	8.50E-17	2.23E-18	-9.69	30.8711387	-2.67E-01	143567492	143567615	NC_000003.11
cg23786580	8.54E-17	2.24E-18	-9.69	30.8653039	-2.40E-01	43204506	43204629	NC_000007.13
cg13366863	8.55E-17	2.24E-18	-9.69	30.8645947	-1.81E-01	177505451	177505574	NC_000005.9
cg04055345	8.56E-17	2.25E-18	-9.69	30.8629355	-2.04E-01	116264862	116264985	NC_000010.10
cg08282784	8.58E-17	2.25E-18	-9.69	30.8606517	-8.00E-02	121454133	121454256	NC_000012.11
cg14724298	8.60E-17	2.26E-18	-9.69	30.8583932	-1.96E-01	54424764	54424887	NC_000004.11
cg06927878	8.60E-17	2.26E-18	-9.69	30.8581725	-7.11E-02	15096495	15096618	NC_000011.9
cg22214889	8.64E-17	2.27E-18	-9.69	30.8539702	-2.60E-01	49410828	49410951	NC_000020.10
ch.19.50335620F	8.72E-17	2.29E-18	-9.69	30.8445433	-8.97E-02	45643780	45643903	NC_000019.9
cg11851804	8.76E-17	2.30E-18	-9.68	30.8393898	-1.29E-01	848379	848502	NC_000001.10
cg22912331	8.76E-17	2.30E-18	-9.68	30.8387162	-1.82E-01	24042251	24042374	NC_000014.8
cg02402368	8.79E-17	2.31E-18	-9.68	30.8355755	-2.08E-01	6420726	6420849	NC_000008.10
cg07220366	8.79E-17	2.31E-18	-9.68	30.83487	-1.80E-01	10405379	10405502	NC_000008.10
cg13666041	8.80E-17	2.31E-18	-9.68	30.8337243	-2.32E-01	69442697	69442820	NC_000014.8
cg13728308	8.81E-17	2.32E-18	-9.68	30.8329091	-2.03E-01	34532891	34533014	NC_000014.8
cg08985530	8.83E-17	2.32E-18	-9.68	30.8302619	-2.00E-01	77694045	77694168	NC_000012.11

cg19851401	8.83E-17	2.32E-18	-9.68	30.8299258	-1.15E-01	49437267	49437390	NC_000019.9
cg25165932	8.87E-17	2.33E-18	-9.68	30.8262505	-2.08E-01	109025846	109025969	NC_000012.11
cg10131026	8.90E-17	2.34E-18	-9.68	30.8222941	-2.04E-01	122823862	122823985	NC_000008.10
cg16773067	8.90E-17	2.34E-18	-9.68	30.8216188	-1.74E-01	37027357	37027480	NC_000006.11
cg18413830	8.93E-17	2.35E-18	-9.68	30.8184302	-1.80E-01	81031536	81031659	NC_000017.10
cg06082883	8.94E-17	2.35E-18	-9.68	30.8171576	-1.87E-01	89686744	89686867	NC_000016.9
cg12453675	9.06E-17	2.39E-18	-9.68	30.8032113	-1.22E-01	124120737	124120860	NC_000011.9
cg02931642	9.06E-17	2.39E-18	-9.68	30.8031159	-1.52E-01	184320734	184320857	NC_000003.11
cg03214697	9.07E-17	2.39E-18	-9.68	30.8022514	-1.28E-01	30901532	30901655	NC_000022.10
cg06329491	9.11E-17	2.40E-18	-9.68	30.79824	-1.45E-01	49031751	49031874	NC_000017.10
cg06732666	9.11E-17	2.40E-18	-9.68	30.7977434	-1.01E-01	208890496	208890619	NC_000002.11
cg14802951	9.13E-17	2.40E-18	-9.68	30.7957497	-1.62E-01	136287409	136287532	NC_000009.11
cg07403899	9.14E-17	2.41E-18	-9.68	30.7947388	-2.12E-01	39283540	39283663	NC_000019.9
cg01963702	9.18E-17	2.42E-18	-9.68	30.7896009	-2.27E-01	12188996	12189119	NC_000011.9
cg10891521	9.18E-17	2.42E-18	-9.68	30.7895286	-1.70E-01	81047941	81048064	NC_000017.10
cg06875832	9.20E-17	2.42E-18	-9.68	30.7872221	-2.34E-01	178980927	178981050	NC_000005.9
cg03131358	9.20E-17	2.43E-18	-9.68	30.7866883	-1.15E-01	42195972	42196095	NC_000022.10
cg02399371	9.21E-17	2.43E-18	-9.68	30.786227	-2.25E-01	79306875	79306998	NC_000017.10
cg12242204	9.24E-17	2.44E-18	-9.68	30.7825265	-9.16E-02	62607811	62607934	NC_000011.9
cg20667796	9.27E-17	2.44E-18	-9.68	30.7797347	-1.80E-01	73720234	73720357	NC_000017.10
cg14619716	9.28E-17	2.45E-18	-9.68	30.778287	-1.58E-01	7927625	7927748	NC_000011.9
cg09887367	9.29E-17	2.45E-18	-9.68	30.7772697	-1.71E-01	18690185	18690308	NC_000011.9
cg10297105	9.32E-17	2.46E-18	-9.67	30.7741998	-1.45E-01	41470812	41470935	NC_000006.11
cg10009968	9.32E-17	2.46E-18	-9.67	30.7739064	-2.56E-01	3033408	3033531	NC_000007.13
cg03160883	9.35E-17	2.47E-18	-9.67	30.7700002	-1.20E-01	36628713	36628836	NC_000006.11

cg24023553	9.35E-17	2.47E-18	-9.67	30.7694724	-7.08E-02	42285728	42285851	NC_000020.10
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cg27655716	9.45E-17	2.50E-18	-9.67	30.7585141	-1.48E-01	133100670	133100793	NC_000012.11
cg15692360	9.50E-17	2.51E-18	-9.67	30.7533938	-1.67E-01	6104267	6104390	NC_000020.10
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cg15318570	9.55E-17	2.52E-18	-9.67	30.7475908	-1.12E-01	22726874	22726997	NC_000010.10
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cg07863022	9.60E-17	2.54E-18	-9.67	30.7415074	-2.15E-01	75315108	75315231	NC_000017.10
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cg14394617	9.76E-17	2.59E-18	-9.67	30.7233271	-6.56E-02	54674541	54674664	NC_000012.11
cg05490864	9.81E-17	2.60E-18	-9.67	30.71881	-1.71E-01	227526367	227526490	NC_000002.11
cg07568296	9.81E-17	2.60E-18	-9.67	30.7180688	-2.52E-01	2059150	2059273	NC_000007.13

cg03607573	9.87E-17	2.62E-18	-9.67	30.7124165	-1.86E-01	93471889	93472012	NC_000011.9
cg05895618	9.91E-17	2.63E-18	-9.66	30.7074025	-2.21E-01	19222395	19222518	NC_000011.9
cg06700061	9.91E-17	2.63E-18	-9.66	30.707251	-1.97E-01	126134218	126134341	NC_000006.11
ch.8.127920202R	9.94E-17	2.64E-18	-9.66	30.7038224	-9.34E-02	127851020	127851143	NC_000008.10
cg09092280	9.96E-17	2.64E-18	-9.66	30.7024548	-1.63E-01	62646214	62646337	NC_000008.10
cg05820959	9.97E-17	2.65E-18	-9.66	30.700868	-2.09E-01	151248135	151248258	NC_000007.13
cg07190778	1.00E-16	2.66E-18	-9.66	30.6943125	-1.33E-01	117604296	117604419	NC_000003.11
cg04658243	1.01E-16	2.67E-18	-9.66	30.6904707	-1.93E-01	78865755	78865878	NC_000017.10
cg24681963	1.01E-16	2.68E-18	-9.66	30.6873148	-2.01E-01	72012367	72012490	NC_000002.11
ch.4.1616659F	1.01E-16	2.69E-18	-9.66	30.6846352	-7.06E-02	84178312	84178435	NC_000004.11
cg18303242	1.01E-16	2.69E-18	-9.66	30.6846124	-2.24E-01	25879250	25879373	NC_000017.10
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cg26557179	1.03E-16	2.73E-18	-9.66	30.6683566	-1.78E-01	46538716	46538839	NC_000003.11
cg19284277	1.03E-16	2.73E-18	-9.66	30.6680258	-1.68E-01	80190054	80190177	NC_000017.10
cg10300255	1.03E-16	2.75E-18	-9.66	30.6640431	-1.17E-01	73706367	73706490	NC_000014.8
cg20430773	1.03E-16	2.75E-18	-9.66	30.6631758	-2.12E-01	16534157	16534280	NC_000001.10
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cg04388548	1.06E-16	2.81E-18	-9.65	30.6410523	-1.60E-01	114905640	114905763	NC_000013.10
cg09903879	1.06E-16	2.82E-18	-9.65	30.6393733	-2.00E-01	13348386	13348509	NC_000012.11
cg13146484	1.06E-16	2.83E-18	-9.65	30.6346737	-1.38E-01	61645461	61645584	NC_000014.8
cg20151476	1.06E-16	2.83E-18	-9.65	30.6345112	-2.76E-01	1607408	1607531	NC_000007.13
cg19635897	1.06E-16	2.83E-18	-9.65	30.6344155	-1.17E-01	33360195	33360318	NC_000015.9



cg05617413	1.06E-16	2.83E-18	-9.65	30.6338513	-1.91E-01	133065912	133066035	NC_000012.11
cg26984624	1.06E-16	2.83E-18	-9.65	30.6332844	-1.24E-01	41656079	41656202	NC_000008.10
cg02711872	1.06E-16	2.83E-18	-9.65	30.6329664	-1.28E-01	150652702	150652825	NC_000007.13
cg18047920	1.06E-16	2.84E-18	-9.65	30.6322672	-1.52E-01	144656997	144657120	NC_000008.10
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cg18585314	1.09E-16	2.90E-18	-9.65	30.610633	-1.34E-01	176272093	176272216	NC_000005.9
cg13985437	1.09E-16	2.90E-18	-9.65	30.6100476	-1.07E-01	76381044	76381167	NC_000011.9
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cg24242280	1.10E-16	2.93E-18	-9.65	30.6007557	-1.33E-01	38104580	38104703	NC_000006.11
cg08999895	1.10E-16	2.94E-18	-9.65	30.5979349	-1.75E-01	2925869	2925992	NC_000011.9
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cg20856545	1.10E-16	2.94E-18	-9.65	30.5947643	-1.65E-01	114917297	114917420	NC_000013.10
cg05461841	1.10E-16	2.95E-18	-9.65	30.5939222	-1.21E-01	2879944	2880067	NC_000016.9
cg08866557	1.11E-16	2.95E-18	-9.65	30.5917353	-1.98E-01	49647167	49647290	NC_000010.10
cg06726231	1.11E-16	2.96E-18	-9.65	30.5902349	-1.95E-01	17672168	17672291	NC_000022.10
cg16567330	1.11E-16	2.96E-18	-9.65	30.5898255	-1.89E-01	106577558	106577681	NC_000006.11
cg13919908	1.11E-16	2.96E-18	-9.65	30.5891558	-2.12E-01	33394273	33394396	NC_000011.9
cg19524238	1.11E-16	2.98E-18	-9.65	30.5835807	-2.05E-01	2802976	2803099	NC_000007.13
cg15597364	1.11E-16	2.98E-18	-9.65	30.5832036	-1.67E-01	22919937	22920060	NC_000001.10
cg20138458	1.11E-16	2.98E-18	-9.65	30.5830426	-1.07E-01	74110979	74111102	NC_000018.9
cg01806427	1.12E-16	2.98E-18	-9.65	30.5827043	-2.14E-01	123737813	123737936	NC_000005.9
cg06180606	1.12E-16	2.98E-18	-9.65	30.5817056	-1.69E-01	450904	451027	NC_000016.9
cg14557510	1.12E-16	2.99E-18	-9.65	30.5804246	-7.48E-02	122042345	122042468	NC_000002.11

cg21492882	1.12E-16	2.99E-18	-9.65	30.5797586	-1.38E-01	1201639	1201762	NC_000005.9
cg11136886	1.12E-16	2.99E-18	-9.64	30.5781129	-1.68E-01	33609509	33609632	NC_000001.10
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cg03462053	1.13E-16	3.03E-18	-9.64	30.5662463	-1.84E-01	52887263	52887386	NC_000012.11
cg03980366	1.13E-16	3.04E-18	-9.64	30.5643292	-2.23E-01	230882959	230883082	NC_000001.10
cg18892446	1.14E-16	3.05E-18	-9.64	30.5593143	-1.81E-01	73938574	73938697	NC_000005.9
cg25502086	1.14E-16	3.05E-18	-9.64	30.5589236	-9.02E-02	71892093	71892216	NC_000010.10
cg13249008	1.14E-16	3.06E-18	-9.64	30.5562323	-8.37E-02	67381930	67382053	NC_000011.9
cg03165356	1.14E-16	3.07E-18	-9.64	30.5545625	-2.02E-01	216882347	216882470	NC_000002.11
cg17799287	1.16E-16	3.10E-18	-9.64	30.5438998	-1.81E-01	92001764	92001887	NC_000013.10
cg27404351	1.16E-16	3.10E-18	-9.64	30.5433303	-1.72E-01	123847741	123847864	NC_000011.9
cg16090599	1.16E-16	3.10E-18	-9.64	30.5423768	-1.53E-01	45105153	45105276	NC_000011.9
cg09490523	1.16E-16	3.11E-18	-9.64	30.5399091	-1.89E-01	75314308	75314431	NC_000016.9
cg03547355	1.16E-16	3.12E-18	-9.64	30.5382169	-1.49E-01	227003060	227003183	NC_000001.10
cg24676612	1.17E-16	3.13E-18	-9.64	30.5342293	-1.76E-01	111148105	111148228	NC_000001.10
cg21182960	1.18E-16	3.16E-18	-9.64	30.5262641	-1.43E-01	156812171	156812294	NC_000007.13
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cg16396284	1.18E-16	3.18E-18	-9.64	30.5180953	-2.57E-01	33245537	33245660	NC_000006.11
cg14439572	1.19E-16	3.19E-18	-9.64	30.5166005	-1.60E-01	102121398	102121521	NC_000008.10
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cg10599446	1.19E-16	3.19E-18	-9.64	30.514217	-1.78E-01	189073674	189073797	NC_000003.11

cg13178372	1.19E-16	3.20E-18	-9.63	30.5115989	-2.07E-01	150333953	150334076	NC_000001.10
cg24260847	1.19E-16	3.21E-18	-9.63	30.5100919	-1.10E-01	37595307	37595430	NC_000008.10
cg07189204	1.19E-16	3.21E-18	-9.63	30.5098653	-6.42E-02	155225808	155225931	NC_000001.10
cg13144059	1.20E-16	3.23E-18	-9.63	30.5046657	-2.63E-01	201245077	201245200	NC_000002.11
cg10254082	1.21E-16	3.24E-18	-9.63	30.4988795	-1.95E-01	997346	997469	NC_000007.13
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cg16608498	1.21E-16	3.26E-18	-9.63	30.494992	-2.38E-01	158612132	158612255	NC_000005.9
cg02925248	1.21E-16	3.26E-18	-9.63	30.4926564	-1.81E-01	2213749	2213872	NC_000016.9
cg18423852	1.21E-16	3.27E-18	-9.63	30.4913441	-1.53E-01	150653001	150653124	NC_000007.13
cg10794973	1.22E-16	3.28E-18	-9.63	30.4881216	-1.80E-01	43692678	43692801	NC_000006.11
cg02666257	1.22E-16	3.29E-18	-9.63	30.4841612	-1.83E-01	128627260	128627383	NC_000011.9
cg24366211	1.23E-16	3.31E-18	-9.63	30.4789239	-2.81E-01	68610706	68610829	NC_000011.9
cg17552471	1.23E-16	3.32E-18	-9.63	30.476627	-1.74E-01	4678661	4678784	NC_000007.13
cg01738022	1.23E-16	3.32E-18	-9.63	30.474898	-2.59E-01	4012936	4013059	NC_000016.9
cg14599823	1.24E-16	3.33E-18	-9.63	30.472739	-1.95E-01	77973731	77973854	NC_000005.9
cg02116757	1.24E-16	3.34E-18	-9.63	30.4711905	-2.23E-01	71854836	71854959	NC_000015.9
cg01463644	1.25E-16	3.36E-18	-9.63	30.4636607	-1.98E-01	48115640	48115763	NC_000016.9
cg18174834	1.25E-16	3.37E-18	-9.63	30.4621936	-8.38E-02	212740460	212740583	NC_000001.10
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cg03572680	1.26E-16	3.41E-18	-9.63	30.4508315	-1.76E-01	124768554	124768677	NC_000011.9
cg14460003	1.27E-16	3.43E-18	-9.62	30.4423345	-5.05E-02	31173015	31173138	NC_000020.10
cg06153893	1.28E-16	3.44E-18	-9.62	30.4410684	-1.04E-01	25963109	25963232	NC_000006.11
cg19700682	1.28E-16	3.44E-18	-9.62	30.4409006	-2.05E-01	88734481	88734604	NC_000010.10
cg01675238	1.28E-16	3.44E-18	-9.62	30.4403418	-1.66E-01	42123717	42123840	NC_000015.9

cg26071033	1.28E-16	3.45E-18	-9.62	30.4375298	-1.47E-01	104916018	104916141	NC_000011.9
cg26688315	1.28E-16	3.45E-18	-9.62	30.4370278	-1.97E-01	218027591	218027714	NC_000002.11
cg06074582	1.28E-16	3.46E-18	-9.62	30.4338043	-3.30E-02	65657849	65657972	NC_000011.9
cg14856698	1.28E-16	3.47E-18	-9.62	30.4329819	-7.64E-02	2135945	2136068	NC_000001.10
cg05886367	1.29E-16	3.48E-18	-9.62	30.4300808	-1.37E-01	180467233	180467356	NC_000005.9
cg02810967	1.30E-16	3.50E-18	-9.62	30.4225877	-1.47E-01	17813558	17813681	NC_000004.11
cg13185046	1.30E-16	3.51E-18	-9.62	30.421754	-1.58E-01	32165321	32165444	NC_000006.11
cg10923018	1.30E-16	3.52E-18	-9.62	30.4182454	-1.56E-01	31743769	31743892	NC_000006.11
cg05368731	1.30E-16	3.52E-18	-9.62	30.4168492	-1.07E-01	41323189	41323312	NC_000017.10
cg04175872	1.30E-16	3.53E-18	-9.62	30.4165292	-1.80E-01	176784550	176784673	NC_000005.9
cg05695106	1.31E-16	3.53E-18	-9.62	30.4146574	-2.57E-01	114780992	114781115	NC_000013.10
cg02069592	1.31E-16	3.54E-18	-9.62	30.4135864	-2.69E-01	59198210	59198333	NC_000014.8
cg02405476	1.31E-16	3.54E-18	-9.62	30.4134202	-6.72E-02	44441818	44441941	NC_000020.10
cg24617444	1.31E-16	3.55E-18	-9.62	30.4085515	-1.88E-01	111916921	111917044	NC_000010.10
cg08654262	1.31E-16	3.56E-18	-9.62	30.4078095	-2.01E-01	85796055	85796178	NC_000001.10
cg14774305	1.32E-16	3.56E-18	-9.62	30.4067217	-8.51E-02	137430567	137430690	NC_000005.9
cg01784507	1.32E-16	3.58E-18	-9.62	30.4002624	-1.03E-01	227016024	227016147	NC_000001.10
cg19535096	1.33E-16	3.59E-18	-9.62	30.3988419	-2.78E-01	68751711	68751834	NC_000004.11
cg00131261	1.33E-16	3.60E-18	-9.62	30.3961838	-2.57E-01	142287264	142287387	NC_000008.10
cg02131870	1.33E-16	3.61E-18	-9.62	30.3923675	-2.22E-01	101585659	101585782	NC_000007.13
cg05275236	1.35E-16	3.65E-18	-9.61	30.3811968	-1.09E-01	14499630	14499753	NC_000016.9
cg27272363	1.35E-16	3.65E-18	-9.61	30.3810835	-1.67E-01	125951852	125951975	NC_000008.10
cg14741474	1.35E-16	3.66E-18	-9.61	30.3798011	-1.20E-01	109027631	109027754	NC_000012.11
cg03977831	1.35E-16	3.67E-18	-9.61	30.3769184	-1.80E-01	11979188	11979311	NC_000001.10
cg20041612	1.36E-16	3.67E-18	-9.61	30.3764388	-2.08E-01	55146373	55146496	NC_000007.13

cg03667871	1.36E-16	3.69E-18	-9.61	30.372559	-2.18E-01	198125222	198125345	NC_000001.10
cg20168495	1.36E-16	3.69E-18	-9.61	30.3711134	-2.05E-01	148283066	148283189	NC_000004.11
cg01997884	1.36E-16	3.69E-18	-9.61	30.370812	-2.02E-01	224967286	224967409	NC_000002.11
cg10641483	1.36E-16	3.70E-18	-9.61	30.3698306	-9.58E-02	125052746	125052869	NC_000012.11
cg12146864	1.36E-16	3.70E-18	-9.61	30.3689987	-1.82E-01	57569768	57569891	NC_000012.11
cg06231244	1.37E-16	3.72E-18	-9.61	30.3638818	-1.18E-01	2460761	2460884	NC_000001.10
cg18119644	1.37E-16	3.73E-18	-9.61	30.3613985	-1.98E-01	1469112	1469235	NC_000011.9
cg27093944	1.38E-16	3.73E-18	-9.61	30.3597821	-3.12E-01	242908218	242908341	NC_000002.11
cg01453052	1.38E-16	3.75E-18	-9.61	30.3540792	-1.54E-01	73892097	73892220	NC_000017.10
cg18437077	1.39E-16	3.76E-18	-9.61	30.3529294	-1.03E-01	100860918	100861041	NC_000007.13
cg22240424	1.39E-16	3.76E-18	-9.61	30.3519711	-5.92E-02	69707465	69707588	NC_000015.9
cg03344767	1.39E-16	3.77E-18	-9.61	30.3509594	-1.99E-01	10475318	10475441	NC_000001.10
cg02526838	1.41E-16	3.82E-18	-9.61	30.3366562	-2.03E-01	56731252	56731375	NC_000005.9
cg22234119	1.41E-16	3.82E-18	-9.61	30.336412	-1.88E-01	114635699	114635822	NC_000002.11
cg21559943	1.41E-16	3.83E-18	-9.61	30.3340533	-2.19E-01	55721290	55721413	NC_000019.9
cg18729298	1.41E-16	3.84E-18	-9.61	30.3328348	-2.04E-01	2555203	2555326	NC_000011.9
cg22578843	1.42E-16	3.86E-18	-9.61	30.3272276	-7.42E-02	28495598	28495721	NC_000013.10
cg01476222	1.42E-16	3.86E-18	-9.61	30.3254572	-2.71E-01	36522143	36522266	NC_000011.9
cg12141030	1.42E-16	3.87E-18	-9.61	30.3238435	-1.34E-01	44803447	44803570	NC_000003.11
cg08142884	1.43E-16	3.89E-18	-9.61	30.3186136	-1.91E-01	155369424	155369547	NC_000007.13
cg27178401	1.44E-16	3.91E-18	-9.6	30.3135645	-2.12E-01	10652711	10652834	NC_000016.9
cg27340958	1.44E-16	3.92E-18	-9.6	30.3111914	-1.06E-01	7755730	7755853	NC_000004.11
cg00870242	1.44E-16	3.92E-18	-9.6	30.310547	-1.47E-01	10530148	10530271	NC_000008.10
ch.2.128981206F	1.44E-16	3.93E-18	-9.6	30.3092778	-6.03E-02	129264738	129264861	NC_000002.11
cg10474712	1.45E-16	3.95E-18	-9.6	30.3037349	-1.21E-01	42062693	42062816	NC_000022.10

cg00739593	1.45E-16	3.95E-18	-9.6	30.3028429	-8.22E-02	116164714	116164837	NC_000010.10
cg09382850	1.45E-16	3.96E-18	-9.6	30.301808	-4.72E-02	105753147	105753270	NC_000007.13
ch.17.45797972F	1.46E-16	3.96E-18	-9.6	30.3012395	-8.04E-02	48442973	48443096	NC_000017.10
cg16446738	1.46E-16	3.97E-18	-9.6	30.2992868	-2.47E-01	51176931	51177054	NC_000015.9
cg12585943	1.46E-16	3.99E-18	-9.6	30.2942024	-1.18E-01	32121368	32121491	NC_000006.11
ch.9.98936572R	1.47E-16	4.00E-18	-9.6	30.2926046	-8.49E-02	99896751	99896874	NC_000009.11
ch.2.2017299F	1.47E-16	4.00E-18	-9.6	30.292451	-7.38E-02	97269742	97269865	NC_000002.11
cg22923514	1.47E-16	4.00E-18	-9.6	30.2914006	-1.39E-01	115999708	115999831	NC_000010.10
cg27130954	1.48E-16	4.02E-18	-9.6	30.2854651	-1.14E-01	67464331	67464454	NC_000016.9
cg19694978	1.48E-16	4.03E-18	-9.6	30.2829834	-3.31E-02	40420603	40420726	NC_000001.10
cg19040266	1.48E-16	4.04E-18	-9.6	30.2824731	-1.99E-01	131723239	131723362	NC_000005.9
cg19386379	1.48E-16	4.04E-18	-9.6	30.2821837	-1.08E-01	844284	844407	NC_000011.9
cg13401658	1.48E-16	4.04E-18	-9.6	30.2803677	-1.92E-01	177311027	177311150	NC_000002.11
cg19147990	1.49E-16	4.05E-18	-9.6	30.2782853	-8.09E-02	62537802	62537925	NC_000010.10
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cg07086226	1.49E-16	4.07E-18	-9.6	30.2737316	-1.97E-01	681509	681632	NC_000004.11
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cg20253856	1.50E-16	4.08E-18	-9.6	30.2721207	-1.18E-01	99394591	99394714	NC_000015.9
cg13630493	1.50E-16	4.08E-18	-9.6	30.2719765	-1.19E-01	36190154	36190277	NC_000009.11
cg04470676	1.50E-16	4.09E-18	-9.6	30.2704142	-1.68E-01	142858878	142859001	NC_000003.11
cg23920016	1.50E-16	4.09E-18	-9.6	30.2697669	-2.38E-01	162106832	162106955	NC_000001.10
cg07519235	1.50E-16	4.09E-18	-9.6	30.2696801	-2.37E-01	19894978	19895101	NC_000016.9
cg00348467	1.50E-16	4.09E-18	-9.6	30.2686543	-1.20E-01	43222121	43222244	NC_000017.10
cg03638211	1.50E-16	4.10E-18	-9.6	30.2677553	-1.39E-01	22538875	22538998	NC_000007.13
cg20420007	1.50E-16	4.11E-18	-9.6	30.2652673	-6.03E-02	173399241	173399364	NC_000001.10

cg02844852	1.53E-16	4.19E-18	-9.59	30.2458078	-1.79E-01	84840283	84840406	NC_000016.9
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ch.16.2068605F	1.53E-16	4.19E-18	-9.59	30.2447754	-1.29E-01	87437924	87438047	NC_000016.9
cg06251289	1.53E-16	4.19E-18	-9.59	30.2445243	-2.55E-01	66639593	66639716	NC_000016.9
cg02578070	1.54E-16	4.20E-18	-9.59	30.2420248	-1.27E-01	119669305	119669428	NC_000006.11
cg23305567	1.56E-16	4.26E-18	-9.59	30.2290443	-2.17E-01	54369576	54369699	NC_000019.9
cg05022368	1.56E-16	4.27E-18	-9.59	30.2278704	-2.32E-01	38858552	38858675	NC_000008.10
cg06963672	1.56E-16	4.27E-18	-9.59	30.2278546	-1.87E-01	101450261	101450384	NC_000014.8
cg10926330	1.57E-16	4.28E-18	-9.59	30.2239361	-9.29E-02	76268981	76269104	NC_000017.10
cg25598159	1.57E-16	4.31E-18	-9.59	30.2182633	-1.50E-01	111127533	111127656	NC_000012.11
cg06559575	1.58E-16	4.31E-18	-9.59	30.2175476	-2.17E-01	53490352	53490475	NC_000012.11
cg25087341	1.58E-16	4.31E-18	-9.59	30.2167684	-2.33E-01	111487811	111487934	NC_000003.11
cg13986294	1.58E-16	4.32E-18	-9.59	30.2162621	-9.78E-02	14316462	14316585	NC_000009.11
cg16584172	1.58E-16	4.33E-18	-9.59	30.2130511	-9.10E-02	100633446	100633569	NC_000013.10
cg04338156	1.58E-16	4.33E-18	-9.59	30.2118902	-1.54E-01	29195900	29196023	NC_000016.9
cg11786870	1.59E-16	4.36E-18	-9.59	30.2063166	-1.60E-01	203576481	203576604	NC_000001.10
cg03532815	1.59E-16	4.37E-18	-9.59	30.2046707	-1.62E-01	18771327	18771450	NC_000019.9
cg23051926	1.60E-16	4.38E-18	-9.59	30.2023914	-2.20E-01	105466016	105466139	NC_000003.11
cg01805480	1.60E-16	4.38E-18	-9.59	30.2010118	-1.09E-01	133137879	133138002	NC_000012.11
cg00218620	1.61E-16	4.41E-18	-9.59	30.1948208	-6.61E-02	219866460	219866583	NC_000002.11
cg22199361	1.61E-16	4.41E-18	-9.59	30.194649	-9.67E-02	5081567	5081690	NC_000020.10
cg16099687	1.61E-16	4.42E-18	-9.59	30.1930217	-2.66E-01	96839959	96840082	NC_000012.11
cg22626525	1.62E-16	4.44E-18	-9.59	30.1888695	-1.21E-01	20008900	20009023	NC_000001.10
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cg18298997	1.63E-16	4.47E-18	-9.58	30.1818598	-2.18E-01	133804557	133804680	NC_000011.9

cg11409620	1.63E-16	4.47E-18	-9.58	30.1808723	-8.70E-02	23487458	23487581	NC_000022.10
cg21968765	1.63E-16	4.48E-18	-9.58	30.1791412	-9.42E-02	100712345	100712468	NC_000003.11
cg04167096	1.63E-16	4.48E-18	-9.58	30.1784031	-2.42E-01	227001602	227001725	NC_000002.11
cg20478934	1.64E-16	4.49E-18	-9.58	30.1779019	-1.16E-01	10120794	10120917	NC_000019.9
cg22229039	1.64E-16	4.50E-18	-9.58	30.1753642	-2.29E-01	7842159	7842282	NC_000001.10
cg15601361	1.64E-16	4.51E-18	-9.58	30.1725883	-1.93E-01	11771493	11771616	NC_000006.11
cg02147126	1.65E-16	4.52E-18	-9.58	30.1702741	-1.84E-01	827715	827838	NC_000019.9
cg11211952	1.65E-16	4.53E-18	-9.58	30.1678726	-2.21E-01	63710728	63710851	NC_000003.11
cg27561567	1.66E-16	4.55E-18	-9.58	30.1636266	-8.43E-02	37380258	37380381	NC_000018.9
cg00335908	1.66E-16	4.55E-18	-9.58	30.1629888	-1.28E-01	89002930	89003053	NC_000016.9
cg08224888	1.66E-16	4.56E-18	-9.58	30.1606918	-1.42E-01	3969522	3969645	NC_000019.9
cg08326468	1.67E-16	4.59E-18	-9.58	30.1547638	-1.80E-01	2091106	2091229	NC_000016.9
cg11631011	1.67E-16	4.59E-18	-9.58	30.1545193	-2.09E-01	52436047	52436170	NC_000013.10
cg14893857	1.67E-16	4.60E-18	-9.58	30.1536316	-2.27E-01	102554969	102555092	NC_000014.8
cg23369529	1.68E-16	4.62E-18	-9.58	30.1476875	-1.30E-01	68149989	68150112	NC_000001.10
cg16490209	1.69E-16	4.63E-18	-9.58	30.1456876	-1.96E-01	25051773	25051896	NC_000012.11
cg23110109	1.70E-16	4.67E-18	-9.58	30.1385485	-9.62E-02	122092127	122092250	NC_000012.11
cg14242680	1.70E-16	4.68E-18	-9.58	30.1353538	-1.02E-01	104004787	104004910	NC_000010.10
cg18575809	1.71E-16	4.71E-18	-9.58	30.1302382	-1.53E-01	21540329	21540452	NC_000014.8
cg17298269	1.72E-16	4.73E-18	-9.58	30.1245114	-8.50E-02	45338083	45338206	NC_000020.10
cg21666367	1.73E-16	4.75E-18	-9.57	30.121218	-1.97E-01	27450279	27450402	NC_000008.10
cg21118780	1.73E-16	4.75E-18	-9.57	30.1203199	-1.76E-01	102379567	102379690	NC_000002.11
cg20313522	1.74E-16	4.78E-18	-9.57	30.1143114	-1.58E-01	125259531	125259654	NC_000012.11
cg01227028	1.74E-16	4.80E-18	-9.57	30.1105339	-8.61E-02	43277745	43277868	NC_000010.10
cg18396660	1.75E-16	4.83E-18	-9.57	30.105499	-8.92E-02	68599196	68599319	NC_000006.11



cg13168012	1.76E-16	4.84E-18	-9.57	30.1018292	-1.52E-01	60692978	60693101	NC_000011.9
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cg09260048	1.78E-16	4.90E-18	-9.57	30.090415	-2.30E-01	82415405	82415528	NC_000015.9
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cg16218715	1.78E-16	4.90E-18	-9.57	30.0895599	-1.59E-01	63926253	63926376	NC_000002.11
cg20218460	1.78E-16	4.92E-18	-9.57	30.0868549	-1.66E-01	238583504	238583627	NC_000002.11
cg13520770	1.79E-16	4.93E-18	-9.57	30.0842776	-2.12E-01	3117181	3117304	NC_000011.9
cg26815395	1.80E-16	4.97E-18	-9.57	30.0767129	-9.54E-02	180485043	180485166	NC_000001.10
cg00396991	1.80E-16	4.98E-18	-9.57	30.0750138	-1.09E-01	161494029	161494152	NC_000001.10
cg04038932	1.80E-16	4.98E-18	-9.57	30.0744809	-8.71E-02	135286214	135286337	NC_000009.11
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cg06377221	1.81E-16	5.01E-18	-9.57	30.0684455	-4.30E-02	18111739	18111862	NC_000019.9
cg11299264	1.81E-16	5.01E-18	-9.57	30.0675946	-1.88E-01	18920396	18920519	NC_000019.9
cg03654169	1.82E-16	5.03E-18	-9.57	30.0643481	-1.82E-01	11710911	11711034	NC_000008.10
cg13999606	1.83E-16	5.06E-18	-9.57	30.0591226	-1.37E-01	58862457	58862580	NC_000014.8
cg07405121	1.84E-16	5.08E-18	-9.56	30.0555587	-2.37E-01	2083168	2083291	NC_000016.9
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cg09493150	1.84E-16	5.09E-18	-9.56	30.0523547	-9.36E-02	172199605	172199728	NC_000005.9
cg11857093	1.84E-16	5.09E-18	-9.56	30.0519699	-2.11E-01	115642150	115642273	NC_000001.10
cg11909137	1.86E-16	5.15E-18	-9.56	30.0403652	-2.51E-01	46461202	46461325	NC_000018.9

cg22650458	1.86E-16	5.16E-18	-9.56	30.0398951	-1.63E-01	30188720	30188843	NC_000007.13
cg15923943	1.87E-16	5.16E-18	-9.56	30.0385759	-1.69E-01	140383566	140383689	NC_000005.9
cg01782097	1.87E-16	5.16E-18	-9.56	30.0383028	-1.20E-01	846637	846760	NC_000001.10
cg24715988	1.87E-16	5.17E-18	-9.56	30.036794	-1.26E-01	244237941	244238064	NC_000001.10
cg05884649	1.87E-16	5.18E-18	-9.56	30.0356275	-9.63E-02	44143806	44143929	NC_000010.10
cg10231182	1.87E-16	5.18E-18	-9.56	30.0355777	-2.24E-01	15815827	15815950	NC_000012.11
cg19310908	1.88E-16	5.20E-18	-9.56	30.0320704	-1.11E-01	46800064	46800187	NC_000019.9
cg26831416	1.88E-16	5.20E-18	-9.56	30.0320432	-2.16E-01	39142011	39142134	NC_000019.9
cg21049361	1.89E-16	5.22E-18	-9.56	30.0268107	-1.09E-01	30655870	30655993	NC_000006.11
cg09346775	1.89E-16	5.23E-18	-9.56	30.0257551	-1.58E-01	1028067	1028190	NC_000004.11
cg08850641	1.92E-16	5.32E-18	-9.56	30.0087213	-2.21E-01	66818270	66818393	NC_000017.10
cg02713832	1.93E-16	5.34E-18	-9.56	30.0050534	-2.10E-01	60772559	60772682	NC_000011.9
cg27552912	1.94E-16	5.38E-18	-9.56	29.998147	-2.44E-01	81233441	81233564	NC_000007.13
cg20292636	1.95E-16	5.40E-18	-9.56	29.9941504	-1.99E-01	204328377	204328500	NC_000001.10
cg26451547	1.95E-16	5.41E-18	-9.56	29.992304	-1.16E-01	36397596	36397719	NC_000011.9
cg01411366	1.96E-16	5.44E-18	-9.55	29.9877296	-1.15E-01	112012867	112012990	NC_000003.11
cg25840237	1.96E-16	5.45E-18	-9.55	29.985928	-1.23E-01	29967593	29967716	NC_000015.9
cg17023034	1.96E-16	5.45E-18	-9.55	29.9854642	-2.04E-01	152919487	152919610	NC_000002.11
cg02425732	1.96E-16	5.46E-18	-9.55	29.9838805	-6.37E-02	17662212	17662335	NC_000020.10
cg02531439	1.97E-16	5.46E-18	-9.55	29.9827608	-1.99E-01	98701226	98701349	NC_000007.13
cg14550828	1.97E-16	5.48E-18	-9.55	29.9792091	-1.38E-01	160876992	160877115	NC_000006.11
cg03735308	1.98E-16	5.50E-18	-9.55	29.9762394	-1.06E-01	69455331	69455454	NC_000011.9
cg25133376	1.98E-16	5.51E-18	-9.55	29.9748204	-2.32E-01	73392981	73393104	NC_000007.13
cg09088576	1.99E-16	5.52E-18	-9.55	29.9719508	-2.03E-01	36947785	36947908	NC_000001.10
cg16999568	1.99E-16	5.55E-18	-9.55	29.9673698	-8.27E-02	3601547	3601670	NC_000011.9

cg21407354	2.00E-16	5.56E-18	-9.55	29.9648267	-1.70E-01	45596969	45597092	NC_000022.10
cg07317846	2.01E-16	5.59E-18	-9.55	29.9604552	-2.58E-01	42648344	42648467	NC_000002.11
cg27173717	2.01E-16	5.59E-18	-9.55	29.9602109	-1.99E-01	40420503	40420626	NC_000001.10
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cg11056055	2.02E-16	5.63E-18	-9.55	29.9527317	-2.04E-01	116356738	116356861	NC_000007.13
cg16677162	2.04E-16	5.67E-18	-9.55	29.9456245	-1.26E-01	22465502	22465625	NC_000022.10
cg21069965	2.04E-16	5.67E-18	-9.55	29.9451213	-2.24E-01	25230306	25230429	NC_000006.11
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cg15138846	2.05E-16	5.70E-18	-9.55	29.9403511	-7.76E-02	18067560	18067683	NC_000008.10
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cg26073844	2.06E-16	5.74E-18	-9.55	29.9343906	-2.26E-01	130799093	130799216	NC_000008.10
cg23695131	2.06E-16	5.74E-18	-9.55	29.9340881	-1.49E-01	94642928	94643051	NC_000011.9
cg13266292	2.07E-16	5.76E-18	-9.55	29.9305384	-1.14E-01	1438084	1438207	NC_000019.9
cg19095187	2.08E-16	5.80E-18	-9.54	29.9238309	-1.21E-01	108437051	108437174	NC_000006.11
cg05319515	2.08E-16	5.81E-18	-9.54	29.9215772	-1.10E-01	105212620	105212743	NC_000010.10
cg10156042	2.09E-16	5.82E-18	-9.54	29.9191686	-7.61E-02	32149463	32149586	NC_000022.10
cg14640149	2.09E-16	5.83E-18	-9.54	29.9185442	-1.67E-01	216546226	216546349	NC_000002.11
cg24980893	2.09E-16	5.83E-18	-9.54	29.9179521	-6.44E-02	116164709	116164832	NC_000007.13
cg14537247	2.10E-16	5.86E-18	-9.54	29.9126111	-1.94E-01	126656547	126656670	NC_000009.11
cg22772930	2.10E-16	5.87E-18	-9.54	29.9121603	-2.12E-01	155369317	155369440	NC_000007.13
cg13866129	2.10E-16	5.87E-18	-9.54	29.9113936	-7.14E-02	62623438	62623561	NC_000011.9
cg17025683	2.10E-16	5.87E-18	-9.54	29.9107813	-7.67E-02	173836220	173836343	NC_000001.10

cg27659109	2.11E-16	5.88E-18	-9.54	29.9098483	-1.59E-01	3509838	3509961	NC_000019.9
cg13376404	2.11E-16	5.88E-18	-9.54	29.9094985	-1.47E-01	34077293	34077416	NC_000017.10
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cg21068610	2.12E-16	5.93E-18	-9.54	29.9019072	-7.19E-02	7790179	7790302	NC_000017.10
cg23004960	2.15E-16	6.02E-18	-9.54	29.8863497	-8.07E-02	101268430	101268553	NC_000007.13
cg07013787	2.16E-16	6.04E-18	-9.54	29.8838481	-1.03E-01	171572499	171572622	NC_000002.11
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cg01371233	2.17E-16	6.06E-18	-9.54	29.8791957	-2.84E-01	30456325	30456448	NC_000016.9
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cg16874185	2.17E-16	6.07E-18	-9.54	29.8776204	-1.36E-01	75210723	75210846	NC_000011.9
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cg01259329	2.18E-16	6.11E-18	-9.54	29.8720999	-2.32E-01	166944191	166944314	NC_000006.11
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cg08843492	2.18E-16	6.11E-18	-9.54	29.8716211	-1.30E-01	308231	308354	NC_000011.9
cg26733301	2.19E-16	6.14E-18	-9.54	29.8667912	-2.75E-01	61585924	61586047	NC_000020.10
cg24253618	2.19E-16	6.15E-18	-9.54	29.866102	-1.27E-01	32054460	32054583	NC_000001.10
cg04949632	2.20E-16	6.15E-18	-9.54	29.8653116	-1.20E-01	118123304	118123427	NC_000012.11
cg03079497	2.20E-16	6.15E-18	-9.54	29.8649583	-1.94E-01	1390554	1390677	NC_000017.10
cg06698332	2.20E-16	6.17E-18	-9.54	29.8627603	-2.14E-01	151967449	151967572	NC_000001.10
cg25734089	2.20E-16	6.17E-18	-9.54	29.8622054	-2.49E-01	46969919	46970042	NC_000019.9
cg00414041	2.20E-16	6.17E-18	-9.54	29.861791	-2.42E-01	166944283	166944406	NC_000006.11

cg05708550	2.21E-16	6.19E-18	-9.53	29.8590294	-8.33E-02	137688227	137688350	NC_000005.9
cg09354692	2.22E-16	6.22E-18	-9.53	29.854337	-2.07E-01	160122650	160122773	NC_000006.11
cg03338209	2.22E-16	6.23E-18	-9.53	29.8531794	-1.80E-01	37908796	37908919	NC_000022.10
cg17611046	2.25E-16	6.31E-18	-9.53	29.8395209	-2.30E-01	5672954	5673077	NC_000006.11
cg09373676	2.25E-16	6.32E-18	-9.53	29.8390578	-2.32E-01	186227243	186227366	NC_000004.11
cg26042725	2.25E-16	6.32E-18	-9.53	29.8387045	-7.02E-02	3827226	3827349	NC_000020.10
cg11165626	2.25E-16	6.32E-18	-9.53	29.838374	-6.20E-02	21786221	21786344	NC_000010.10
cg23883632	2.25E-16	6.32E-18	-9.53	29.8379743	-2.03E-01	71174292	71174415	NC_000014.8
ch.13.233184R	2.25E-16	6.32E-18	-9.53	29.8377708	-7.12E-02	28567843	28567966	NC_000013.10
cg21865249	2.26E-16	6.33E-18	-9.53	29.8363705	-1.74E-01	208144007	208144130	NC_000001.10
cg06400255	2.26E-16	6.35E-18	-9.53	29.8340146	-1.46E-01	30063046	30063169	NC_000016.9
cg12821702	2.27E-16	6.37E-18	-9.53	29.8312772	-2.03E-01	42165504	42165627	NC_000002.11
cg03198733	2.27E-16	6.38E-18	-9.53	29.8282571	-2.04E-01	7167584	7167707	NC_000012.11
cg05473871	2.28E-16	6.40E-18	-9.53	29.8265631	-1.01E-01	1513513	1513636	NC_000019.9
cg09784307	2.28E-16	6.40E-18	-9.53	29.8261413	-8.67E-02	75248768	75248891	NC_000015.9
cg18965179	2.28E-16	6.41E-18	-9.53	29.8250143	-1.54E-01	101500514	101500637	NC_000007.13
cg10658666	2.28E-16	6.41E-18	-9.53	29.8247741	-1.16E-01	63276718	63276841	NC_000002.11
ch.2.2007613R	2.28E-16	6.41E-18	-9.53	29.8245975	-9.45E-02	96939558	96939681	NC_000002.11
cg12753631	2.28E-16	6.42E-18	-9.53	29.8229768	-8.43E-02	31566610	31566733	NC_000006.11
cg20098887	2.29E-16	6.44E-18	-9.53	29.8193934	-1.01E-01	146864520	146864643	NC_000006.11
cg06341590	2.31E-16	6.49E-18	-9.53	29.8126338	-2.04E-01	57624431	57624554	NC_000004.11
cg14066905	2.31E-16	6.51E-18	-9.53	29.8087388	-1.53E-01	124953090	124953213	NC_000011.9
cg13888509	2.33E-16	6.56E-18	-9.53	29.8020594	-1.76E-01	74495603	74495726	NC_000015.9
cg11997708	2.34E-16	6.59E-18	-9.53	29.7972785	-2.28E-01	114927854	114927977	NC_000013.10
cg09347959	2.34E-16	6.59E-18	-9.53	29.7970511	-1.36E-01	33360271	33360394	NC_000015.9

cg03585419	2.34E-16	6.60E-18	-9.52	29.7953601	-1.87E-01	54369681	54369804	NC_000019.9
cg22243298	2.35E-16	6.61E-18	-9.52	29.7938927	-2.58E-01	86313901	86314024	NC_000015.9
cg25890640	2.35E-16	6.61E-18	-9.52	29.7938452	-1.85E-01	68610632	68610755	NC_000011.9
cg07382129	2.35E-16	6.61E-18	-9.52	29.7934692	-1.87E-01	100249186	100249309	NC_000015.9
cg03487637	2.35E-16	6.62E-18	-9.52	29.7926469	-7.11E-02	45940039	45940162	NC_000011.9
cg25286679	2.35E-16	6.62E-18	-9.52	29.7926419	-2.09E-01	245879613	245879736	NC_000001.10
cg12781915	2.35E-16	6.62E-18	-9.52	29.7925662	-1.11E-01	185544099	185544222	NC_000003.11
cg08136020	2.35E-16	6.63E-18	-9.52	29.7904833	-2.84E-01	14735175	14735298	NC_000006.11
cg13858455	2.36E-16	6.64E-18	-9.52	29.7887709	-8.29E-02	87445161	87445284	NC_000002.11
cg17755386	2.36E-16	6.66E-18	-9.52	29.7866612	-9.73E-02	45242191	45242314	NC_000001.10
cg04735509	2.37E-16	6.67E-18	-9.52	29.7854478	-1.14E-01	63545783	63545906	NC_000012.11
ch.1.1540554F	2.39E-16	6.73E-18	-9.52	29.7763737	-1.13E-01	52516807	52516930	NC_000001.10
cg14444140	2.40E-16	6.77E-18	-9.52	29.7698655	-3.26E-02	3752499	3752622	NC_000006.11
cg00427150	2.46E-16	6.94E-18	-9.52	29.7455393	-2.01E-01	114770568	114770691	NC_000013.10
cg24741598	2.48E-16	6.99E-18	-9.52	29.7385642	-6.30E-02	242011743	242011866	NC_000001.10
ch.19.103226F	2.48E-16	7.01E-18	-9.52	29.7363251	-3.84E-02	1919419	1919542	NC_000019.9
cg17050693	2.49E-16	7.02E-18	-9.52	29.7349121	-7.31E-02	40346448	40346571	NC_000017.10
cg20625334	2.49E-16	7.03E-18	-9.52	29.7323807	-2.01E-01	152991620	152991743	NC_000002.11
cg18504989	2.49E-16	7.04E-18	-9.52	29.7321845	-1.62E-01	46286198	46286321	NC_000019.9
cg14310034	2.49E-16	7.04E-18	-9.52	29.7311355	-4.14E-02	54423433	54423556	NC_000014.8
cg16715129	2.50E-16	7.05E-18	-9.51	29.7304893	-1.62E-01	10477821	10477944	NC_000011.9
cg10399269	2.52E-16	7.13E-18	-9.51	29.7195126	-1.91E-01	1205342	1205465	NC_000016.9
cg27504292	2.54E-16	7.16E-18	-9.51	29.7143846	-1.45E-01	124779532	124779655	NC_000012.11
cg07285675	2.54E-16	7.18E-18	-9.51	29.7119154	-2.02E-01	30667873	30667996	NC_000003.11
cg18664508	2.54E-16	7.19E-18	-9.51	29.7104778	-1.45E-01	169487465	169487588	NC_000003.11

cg24011261	2.55E-16	7.21E-18	-9.51	29.708053	-1.33E-01	49396226	49396349	NC_000003.11
cg14105536	2.56E-16	7.23E-18	-9.51	29.7054006	-2.12E-01	47666329	47666452	NC_000006.11
cg13457841	2.56E-16	7.24E-18	-9.51	29.7038413	-7.88E-02	37415248	37415371	NC_000009.11
cg21547763	2.56E-16	7.24E-18	-9.51	29.7036099	-2.23E-01	162351976	162352099	NC_000001.10
cg03140412	2.57E-16	7.27E-18	-9.51	29.7003556	-2.79E-01	415111	415234	NC_000011.9
cg15885043	2.57E-16	7.28E-18	-9.51	29.6983929	-1.55E-01	29383103	29383226	NC_000015.9
cg14094027	2.58E-16	7.29E-18	-9.51	29.6968552	-1.95E-01	120669080	120669203	NC_000012.11
cg08608523	2.59E-16	7.34E-18	-9.51	29.6902999	-1.79E-01	128866525	128866648	NC_000008.10
cg17722469	2.60E-16	7.36E-18	-9.51	29.6878993	-6.85E-02	146077906	146078029	NC_000008.10
cg24189696	2.61E-16	7.40E-18	-9.51	29.6827173	-1.30E-01	10585866	10585989	NC_000019.9
cg18008766	2.62E-16	7.41E-18	-9.51	29.6804007	-9.62E-02	38978896	38979019	NC_000002.11
cg05260466	2.62E-16	7.42E-18	-9.51	29.6788814	-6.93E-02	27756661	27756784	NC_000003.11
cg05217983	2.63E-16	7.46E-18	-9.51	29.6747832	-2.53E-01	45406867	45406990	NC_000006.11
cg13941508	2.64E-16	7.49E-18	-9.51	29.6704555	-2.19E-01	101434082	101434205	NC_000002.11
cg24690054	2.64E-16	7.49E-18	-9.51	29.6699582	-9.94E-02	127176257	127176380	NC_000003.11
cg13316404	2.65E-16	7.50E-18	-9.51	29.6693459	-1.62E-01	6191076	6191199	NC_000010.10
cg01342115	2.66E-16	7.54E-18	-9.5	29.6633016	-2.35E-01	134031663	134031786	NC_000003.11
cg27274542	2.67E-16	7.57E-18	-9.5	29.660281	-1.41E-01	57267680	57267803	NC_000020.10
cg09670263	2.67E-16	7.57E-18	-9.5	29.6592696	-2.22E-01	46558636	46558759	NC_000003.11
cg05913906	2.67E-16	7.58E-18	-9.5	29.6580956	-1.03E-01	30923370	30923493	NC_000006.11
cg07632771	2.68E-16	7.61E-18	-9.5	29.6550165	-2.03E-01	148611823	148611946	NC_000007.13
cg16836355	2.70E-16	7.65E-18	-9.5	29.649607	-8.39E-02	41218333	41218456	NC_000015.9
cg14847626	2.70E-16	7.65E-18	-9.5	29.6492039	-2.01E-01	124939526	124939649	NC_000012.11
cg09354294	2.70E-16	7.66E-18	-9.5	29.647728	-1.48E-01	68188118	68188241	NC_000001.10
cg06100324	2.71E-16	7.68E-18	-9.5	29.6450253	-1.87E-01	811347	811470	NC_000016.9

cg13873263	2.71E-16	7.69E-18	-9.5	29.6438758	-1.90E-01	42011490	42011613	NC_000017.10
cg26052635	2.72E-16	7.73E-18	-9.5	29.6383123	-1.83E-01	29339307	29339430	NC_000002.11
cg00020474	2.73E-16	7.75E-18	-9.5	29.636909	-1.41E-01	8214963	8215086	NC_000001.10
cg18436214	2.73E-16	7.76E-18	-9.5	29.63565	-2.28E-01	77268489	77268612	NC_000010.10
cg07717512	2.75E-16	7.80E-18	-9.5	29.6305514	-2.27E-01	31026287	31026410	NC_000006.11
cg15367247	2.75E-16	7.82E-18	-9.5	29.6275801	-1.19E-01	185960440	185960563	NC_000003.11
cg17745339	2.76E-16	7.84E-18	-9.5	29.624398	-1.98E-01	176755199	176755322	NC_000005.9
cg03181524	2.77E-16	7.87E-18	-9.5	29.6213713	-1.91E-01	39048014	39048137	NC_000019.9
cg07023459	2.77E-16	7.88E-18	-9.5	29.6196822	-1.60E-01	113265410	113265533	NC_000001.10
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cg09416154	2.78E-16	7.90E-18	-9.5	29.617899	-1.30E-01	109701201	109701324	NC_000006.11
cg21468728	2.78E-16	7.90E-18	-9.5	29.6173003	-9.32E-02	27918207	27918330	NC_000017.10
cg16452248	2.78E-16	7.90E-18	-9.5	29.617267	-2.24E-01	613526	613649	NC_000016.9
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cg17457391	2.89E-16	8.21E-18	-9.49	29.5792776	-1.01E-01	140117443	140117566	NC_000009.11
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cg19259199	2.90E-16	8.25E-18	-9.49	29.5745706	-6.43E-02	681730	681853	NC_000008.10
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cg15610437	2.90E-16	8.27E-18	-9.49	29.5726243	-1.50E-01	827821	827944	NC_000019.9
cg12722469	2.91E-16	8.27E-18	-9.49	29.5717631	-1.01E-01	41725053	41725176	NC_000019.9
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cg21572000	2.91E-16	8.29E-18	-9.49	29.5693569	-2.14E-01	69546193	69546316	NC_000014.8
cg00563566	2.92E-16	8.31E-18	-9.49	29.5667474	-1.62E-01	230883182	230883305	NC_000001.10
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cg16281322	2.94E-16	8.38E-18	-9.49	29.5594247	-1.43E-01	43510478	43510601	NC_000017.10
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cg10970409	2.96E-16	8.45E-18	-9.49	29.5504785	-7.20E-02	42543566	42543689	NC_000003.11
cg02014797	2.97E-16	8.46E-18	-9.49	29.5492039	-2.70E-02	59489343	59489466	NC_000017.10
cg15551096	2.97E-16	8.47E-18	-9.49	29.5486733	-2.69E-01	166901788	166901911	NC_000006.11
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cg25541968	3.00E-16	8.57E-18	-9.49	29.5371426	-1.56E-01	7848142	7848265	NC_000011.9
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cg16405308	3.05E-16	8.72E-18	-9.48	29.519669	-1.84E-01	93723250	93723373	NC_000015.9
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cg04724556	3.07E-16	8.77E-18	-9.48	29.5138384	-2.09E-01	44507997	44508120	NC_000015.9
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cg12890903	3.11E-16	8.92E-18	-9.48	29.4973991	-9.71E-02	24867954	24868077	NC_000014.8
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cg23636941	3.14E-16	9.01E-18	-9.48	29.4875231	-1.56E-01	32899839	32899962	NC_000020.10
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cg08313880	3.19E-16	9.14E-18	-9.48	29.473535	-1.20E-01	4643401	4643524	NC_000017.10
cg01418153	3.19E-16	9.15E-18	-9.48	29.4724274	-1.29E-01	3240129	3240252	NC_000001.10
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cg26667975	3.28E-16	9.42E-18	-9.47	29.4427812	-7.47E-02	1238229	1238352	NC_000019.9

cg23350889	3.28E-16	9.43E-18	-9.47	29.4418047	-8.90E-02	133100618	133100741	NC_000012.11
cg27282058	3.29E-16	9.46E-18	-9.47	29.4391389	-1.20E-01	102701271	102701394	NC_000014.8
cg15509705	3.30E-16	9.49E-18	-9.47	29.4362464	-6.11E-02	95047720	95047843	NC_000014.8
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cg25954705	3.35E-16	9.64E-18	-9.47	29.4197909	-1.70E-01	105194980	105195103	NC_000014.8
cg24374538	3.36E-16	9.67E-18	-9.47	29.4170315	-8.09E-02	54704434	54704557	NC_000019.9
cg25884488	3.37E-16	9.71E-18	-9.47	29.4131117	-1.22E-01	153601388	153601511	NC_000004.11
cg01188244	3.37E-16	9.72E-18	-9.47	29.412216	-6.06E-02	45496452	45496575	NC_000010.10
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cg26728422	3.40E-16	9.81E-18	-9.46	29.4028529	-1.32E-01	1429015	1429138	NC_000016.9
cg14003231	3.41E-16	9.84E-18	-9.46	29.4004219	-2.01E-01	33640908	33641031	NC_000006.11
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cg14848772	3.42E-16	9.86E-18	-9.46	29.3978756	-1.23E-01	27099813	27099936	NC_000006.11
cg07226162	3.42E-16	9.87E-18	-9.46	29.3968888	-2.38E-01	112293247	112293370	NC_000010.10
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cg00798876	3.44E-16	9.92E-18	-9.46	29.3914843	-1.11E-01	2670978	2671101	NC_000007.13
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cg00423291	3.45E-16	9.95E-18	-9.46	29.3893356	-1.56E-01	40855639	40855762	NC_000007.13
cg10940251	3.45E-16	9.96E-18	-9.46	29.3880741	-1.23E-01	23857507	23857630	NC_000014.8
cg10365447	3.45E-16	9.96E-18	-9.46	29.3879594	-4.91E-02	1611850	1611973	NC_000006.11
cg26681975	3.47E-16	1.00E-17	-9.46	29.3827164	-1.18E-01	36238123	36238246	NC_000006.11
cg07925415	3.47E-16	1.00E-17	-9.46	29.3813163	-1.51E-01	155191898	155192021	NC_000007.13
cg23425079	3.48E-16	1.00E-17	-9.46	29.3801016	-9.36E-02	31703503	31703626	NC_000006.11
cg12285409	3.48E-16	1.01E-17	-9.46	29.3789874	-6.12E-02	9614722	9614845	NC_000002.11
cg00041401	3.49E-16	1.01E-17	-9.46	29.3753555	-3.13E-01	114414408	114414531	NC_000001.10
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cg22492271	3.49E-16	1.01E-17	-9.46	29.3749788	-2.24E-01	36959489	36959612	NC_000007.13
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cg13048911	3.51E-16	1.01E-17	-9.46	29.3692305	-1.16E-01	139691821	139691944	NC_000005.9
cg17519449	3.51E-16	1.02E-17	-9.46	29.3689518	-1.29E-01	32205031	32205154	NC_000001.10
cg15580355	3.51E-16	1.02E-17	-9.46	29.3685387	-7.95E-02	183003859	183003982	NC_000003.11
cg06817454	3.53E-16	1.02E-17	-9.46	29.363841	-1.92E-01	48360454	48360577	NC_000001.10
cg25151532	3.57E-16	1.03E-17	-9.46	29.3516577	-1.14E-01	43920103	43920226	NC_000001.10
cg17244340	3.57E-16	1.03E-17	-9.46	29.3516495	-1.77E-01	36973448	36973571	NC_000006.11
cg06733155	3.57E-16	1.03E-17	-9.46	29.3510533	-2.40E-01	73508868	73508991	NC_000007.13
cg18753958	3.58E-16	1.04E-17	-9.46	29.3498447	-1.06E-01	61446962	61447085	NC_000020.10
cg24391122	3.58E-16	1.04E-17	-9.46	29.3494616	-9.40E-02	7986137	7986260	NC_000019.9
cg03723321	3.59E-16	1.04E-17	-9.46	29.346255	-1.62E-01	1604407	1604530	NC_000007.13

cg13290254	3.61E-16	1.05E-17	-9.45	29.3401454	-2.10E-01	125197730	125197853	NC_000012.11
cg24597131	3.62E-16	1.05E-17	-9.45	29.3378555	-1.83E-01	15354730	15354853	NC_000001.10
cg12186771	3.62E-16	1.05E-17	-9.45	29.3370829	-2.59E-01	17206725	17206848	NC_000008.10
cg15743533	3.65E-16	1.06E-17	-9.45	29.3277758	-2.23E-01	815345	815468	NC_000020.10
cg09891100	3.65E-16	1.06E-17	-9.45	29.3272336	-7.45E-02	12893992	12894115	NC_000019.9
cg18786125	3.66E-16	1.06E-17	-9.45	29.3243203	-8.96E-02	3528467	3528590	NC_000001.10
cg17961378	3.67E-16	1.06E-17	-9.45	29.3229683	-4.87E-02	39641154	39641277	NC_000022.10
cg11961845	3.67E-16	1.06E-17	-9.45	29.3225102	-1.53E-01	129008179	129008302	NC_000007.13
cg10633838	3.67E-16	1.06E-17	-9.45	29.3220328	-2.52E-01	33245359	33245482	NC_000006.11
cg18753928	3.68E-16	1.07E-17	-9.45	29.3194728	-1.30E-01	113234510	113234633	NC_000003.11
cg12911256	3.69E-16	1.07E-17	-9.45	29.3170846	-1.01E-01	6265879	6266002	NC_000001.10
cg26588076	3.69E-16	1.07E-17	-9.45	29.3169853	-1.83E-01	17741631	17741754	NC_000017.10
cg08966188	3.71E-16	1.08E-17	-9.45	29.3104147	-2.06E-01	39685912	39686035	NC_000017.10
cg08912860	3.72E-16	1.08E-17	-9.45	29.3088995	-2.17E-01	132863782	132863905	NC_000012.11
cg08865522	3.72E-16	1.08E-17	-9.45	29.3079188	-1.93E-01	113574276	113574399	NC_000012.11
cg16174196	3.75E-16	1.09E-17	-9.45	29.2999957	-1.44E-01	30687540	30687663	NC_000006.11
cg03699904	3.75E-16	1.09E-17	-9.45	29.2989875	-1.32E-01	170746029	170746152	NC_000003.11
cg23565821	3.76E-16	1.09E-17	-9.45	29.2976023	-1.26E-01	33385056	33385179	NC_000006.11
cg25332357	3.76E-16	1.09E-17	-9.45	29.2969702	-1.04E-01	180238296	180238419	NC_000005.9
cg10009380	3.76E-16	1.09E-17	-9.45	29.2968489	-1.56E-01	36487194	36487317	NC_000017.10
cg14064268	3.77E-16	1.10E-17	-9.45	29.2940655	-1.64E-01	1463554	1463677	NC_000011.9
cg23404877	3.78E-16	1.10E-17	-9.45	29.2915222	-1.18E-01	85553759	85553882	NC_000002.11
cg07006935	3.79E-16	1.10E-17	-9.45	29.2868134	-2.37E-01	55620641	55620764	NC_000007.13
cg13699808	3.80E-16	1.10E-17	-9.45	29.2861745	-1.61E-01	45985339	45985462	NC_000020.10
cg23260754	3.80E-16	1.10E-17	-9.45	29.2853128	-1.07E-01	6725335	6725458	NC_000006.11

cg19477921	3.81E-16	1.11E-17	-9.45	29.2826793	-1.24E-01	127805476	127805599	NC_000006.11
cg03807919	3.81E-16	1.11E-17	-9.45	29.2809592	-1.13E-01	67757297	67757420	NC_000011.9
cg12941931	3.81E-16	1.11E-17	-9.45	29.2808458	-1.97E-01	4559799	4559922	NC_000019.9
cg11820824	3.83E-16	1.12E-17	-9.44	29.2757004	-2.12E-01	153581535	153581658	NC_000001.10
cg10655396	3.86E-16	1.12E-17	-9.44	29.2687274	-1.89E-01	1077244	1077367	NC_000019.9
cg21978618	3.86E-16	1.12E-17	-9.44	29.2676793	-5.64E-02	49298898	49299021	NC_000019.9
cg24836281	3.88E-16	1.13E-17	-9.44	29.2643289	-1.87E-01	41100790	41100913	NC_000019.9
cg20835708	3.88E-16	1.13E-17	-9.44	29.2630365	-1.48E-01	71524500	71524623	NC_000011.9
cg16958189	3.88E-16	1.13E-17	-9.44	29.2629229	-7.20E-02	83736204	83736327	NC_000015.9
cg01999701	3.88E-16	1.13E-17	-9.44	29.2620034	-1.44E-01	184456165	184456288	NC_000003.11
cg06502279	3.90E-16	1.14E-17	-9.44	29.2569874	-1.75E-01	474467	474590	NC_000016.9
cg02284625	3.91E-16	1.14E-17	-9.44	29.2547646	-6.46E-02	177418905	177419028	NC_000002.11
cg14865034	3.91E-16	1.14E-17	-9.44	29.2536788	-1.52E-01	80267030	80267153	NC_000017.10
cg03295554	3.92E-16	1.14E-17	-9.44	29.2530133	-1.94E-01	128395450	128395573	NC_000011.9
cg22050157	3.92E-16	1.14E-17	-9.44	29.2522775	-1.53E-01	1054176	1054299	NC_000011.9
cg04925824	3.93E-16	1.14E-17	-9.44	29.2502471	-8.16E-02	113862971	113863094	NC_000013.10
cg18330338	3.93E-16	1.15E-17	-9.44	29.2490117	-2.18E-01	9047211	9047334	NC_000005.9
cg21147708	3.93E-16	1.15E-17	-9.44	29.2482998	-1.80E-01	7611002	7611125	NC_000006.11
cg13954090	3.97E-16	1.16E-17	-9.44	29.2395295	-9.35E-02	73533106	73533229	NC_000010.10
cg25480799	3.97E-16	1.16E-17	-9.44	29.2389495	-8.73E-02	184472883	184473006	NC_000002.11
cg24165747	3.98E-16	1.16E-17	-9.44	29.2372316	-1.05E-01	42440198	42440321	NC_000019.9
cg01930947	3.98E-16	1.16E-17	-9.44	29.2371029	-2.10E-01	162343861	162343984	NC_000001.10
cg02101876	3.98E-16	1.16E-17	-9.44	29.2367525	-1.90E-01	40765110	40765233	NC_000013.10
cg22658979	3.98E-16	1.16E-17	-9.44	29.2356036	-1.74E-01	102826469	102826592	NC_000011.9
cg01924596	4.00E-16	1.17E-17	-9.44	29.2315554	-1.70E-01	31854504	31854627	NC_000005.9

cg27181765	4.01E-16	1.17E-17	-9.44	29.2289428	-6.77E-02	33160250	33160373	NC_000006.11
cg15345396	4.01E-16	1.17E-17	-9.44	29.2283805	-1.64E-01	99928727	99928850	NC_000014.8
cg06582202	4.02E-16	1.17E-17	-9.44	29.2254476	-1.15E-01	2889886	2890009	NC_000011.9
cg00886780	4.04E-16	1.18E-17	-9.44	29.2191051	-1.55E-01	35149727	35149850	NC_000006.11
cg03475190	4.05E-16	1.18E-17	-9.44	29.2174871	-2.01E-01	30919932	30920055	NC_000007.13
ch.6.2925136R	4.05E-16	1.18E-17	-9.44	29.2167976	-1.51E-01	151283923	151284046	NC_000006.11
cg09244312	4.07E-16	1.19E-17	-9.44	29.2125047	-2.31E-01	42120657	42120780	NC_000013.10
cg23512558	4.08E-16	1.19E-17	-9.43	29.2107814	-1.67E-01	116997079	116997202	NC_000012.11
cg27401989	4.08E-16	1.19E-17	-9.43	29.208734	-6.06E-02	53774447	53774570	NC_000012.11
cg21761639	4.09E-16	1.19E-17	-9.43	29.207929	-1.64E-01	31533786	31533909	NC_000007.13
cg24348240	4.10E-16	1.20E-17	-9.43	29.2055492	-1.71E-01	26611453	26611576	NC_000001.10
cg11874976	4.10E-16	1.20E-17	-9.43	29.204035	-2.01E-01	101908830	101908953	NC_000014.8
cg00252781	4.10E-16	1.20E-17	-9.43	29.2034772	-8.25E-02	179334658	179334781	NC_000001.10
cg24692177	4.11E-16	1.20E-17	-9.43	29.2027606	-5.54E-02	86045936	86046059	NC_000001.10
cg10502324	4.11E-16	1.20E-17	-9.43	29.2020247	-1.64E-01	76372038	76372161	NC_000012.11
cg25632577	4.12E-16	1.21E-17	-9.43	29.1991905	-2.73E-01	128048403	128048526	NC_000008.10
cg09262230	4.12E-16	1.21E-17	-9.43	29.1986555	-1.57E-01	159052937	159053060	NC_000006.11
cg10331989	4.12E-16	1.21E-17	-9.43	29.1986342	-1.06E-01	15229931	15230054	NC_000016.9
cg17515702	4.14E-16	1.21E-17	-9.43	29.1947658	-5.12E-02	76210520	76210643	NC_000017.10
cg21808406	4.19E-16	1.23E-17	-9.43	29.1825958	-1.58E-01	7482475	7482598	NC_000017.10
cg08698997	4.20E-16	1.23E-17	-9.43	29.1795773	-1.67E-01	88989212	88989335	NC_000016.9
cg16891298	4.21E-16	1.23E-17	-9.43	29.1778027	-5.26E-02	159825303	159825426	NC_000002.11
cg08802944	4.22E-16	1.24E-17	-9.43	29.1740541	-1.99E-01	53874760	53874883	NC_000012.11
cg21207450	4.25E-16	1.25E-17	-9.43	29.166772	-2.20E-01	29570795	29570918	NC_000015.9
cg19697359	4.26E-16	1.25E-17	-9.43	29.1651009	-1.16E-01	22927298	22927421	NC_000001.10

ch.3.1012680R	4.27E-16	1.25E-17	-9.43	29.1629086	-7.83E-02	48211137	48211260	NC_000003.11
cg09530438	4.29E-16	1.26E-17	-9.43	29.1579165	-1.84E-01	106095350	106095473	NC_000010.10
cg03254465	4.31E-16	1.26E-17	-9.43	29.1518643	-1.59E-01	3240227	3240350	NC_000001.10
cg21097788	4.32E-16	1.27E-17	-9.43	29.1492401	-1.92E-01	93502930	93503053	NC_000014.8
cg03321553	4.34E-16	1.27E-17	-9.42	29.1456842	-1.64E-01	41806234	41806357	NC_000015.9
cg19595750	4.36E-16	1.28E-17	-9.42	29.1408523	-2.51E-01	133065939	133066062	NC_000012.11
cg24974982	4.36E-16	1.28E-17	-9.42	29.140724	-1.63E-01	46403316	46403439	NC_000022.10
cg02712464	4.36E-16	1.28E-17	-9.42	29.139278	-1.78E-01	30951156	30951279	NC_000013.10
cg09972569	4.36E-16	1.28E-17	-9.42	29.138743	-1.15E-01	231712971	231713094	NC_000002.11
cg00074818	4.37E-16	1.28E-17	-9.42	29.1378019	-1.76E-01	8560427	8560550	NC_000008.10
cg25327013	4.39E-16	1.29E-17	-9.42	29.133569	-6.88E-02	21151223	21151346	NC_000014.8
cg23323203	4.43E-16	1.30E-17	-9.42	29.1245927	-1.08E-01	117688338	117688461	NC_000011.9
cg05159799	4.44E-16	1.30E-17	-9.42	29.1211915	-1.42E-01	78043031	78043154	NC_000017.10
cg09004581	4.44E-16	1.30E-17	-9.42	29.1206561	-7.90E-02	74171029	74171152	NC_000006.11
cg10991475	4.45E-16	1.31E-17	-9.42	29.1193011	-1.73E-01	134651602	134651725	NC_000011.9
cg05890898	4.46E-16	1.31E-17	-9.42	29.1167934	-1.61E-01	37076913	37077036	NC_000020.10
cg06131879	4.48E-16	1.32E-17	-9.42	29.1116244	-1.39E-01	51909122	51909245	NC_000003.11
cg04643969	4.49E-16	1.32E-17	-9.42	29.1099798	-1.66E-01	63753210	63753333	NC_000011.9
cg14979609	4.52E-16	1.33E-17	-9.42	29.1032025	-6.24E-02	8086686	8086809	NC_000008.10
cg13023014	4.52E-16	1.33E-17	-9.42	29.1012357	-1.72E-01	184908794	184908917	NC_000004.11
cg17028652	4.52E-16	1.33E-17	-9.42	29.1008355	-8.23E-02	115805442	115805565	NC_000010.10
ch.7.137529584R	4.53E-16	1.33E-17	-9.42	29.100263	-5.69E-02	137879044	137879167	NC_000007.13
cg08468599	4.54E-16	1.34E-17	-9.42	29.0961594	-1.70E-01	2182126	2182249	NC_000001.10
cg02989244	4.56E-16	1.34E-17	-9.42	29.0933703	-2.67E-01	28657270	28657393	NC_000010.10
cg04657325	4.58E-16	1.35E-17	-9.42	29.0888195	-2.28E-01	185435601	185435724	NC_000004.11



cg00812861	4.58E-16	1.35E-17	-9.42	29.0882203	-8.45E-02	35114699	35114822	NC_000009.11
cg01810863	4.59E-16	1.35E-17	-9.42	29.0858656	-1.34E-01	56359916	56360039	NC_000012.11
cg14025606	4.60E-16	1.36E-17	-9.42	29.0825952	-6.89E-02	150487872	150487995	NC_000001.10
cg20024827	4.62E-16	1.36E-17	-9.41	29.0780275	-1.40E-01	44882188	44882311	NC_000020.10
cg23424357	4.63E-16	1.36E-17	-9.41	29.0771989	-1.60E-01	88779941	88780064	NC_000010.10
cg21690505	4.65E-16	1.37E-17	-9.41	29.0723199	-1.45E-01	226314883	226315006	NC_000001.10
cg01017257	4.65E-16	1.37E-17	-9.41	29.0719214	-1.51E-01	15059738	15059861	NC_000001.10
cg20138264	4.66E-16	1.37E-17	-9.41	29.0688399	-1.06E-01	48585640	48585763	NC_000017.10
cg25753817	4.67E-16	1.38E-17	-9.41	29.0680265	-6.13E-02	191208232	191208355	NC_000002.11
cg17372941	4.67E-16	1.38E-17	-9.41	29.0669978	-7.72E-02	43222115	43222238	NC_000017.10
cg11206634	4.68E-16	1.38E-17	-9.41	29.064327	-1.86E-01	128458399	128458522	NC_000002.11
cg05744487	4.69E-16	1.38E-17	-9.41	29.0617639	-7.91E-02	18720220	18720343	NC_000011.9
cg26814703	4.70E-16	1.39E-17	-9.41	29.0600374	-1.10E-01	31019673	31019796	NC_000013.10
cg01795894	4.71E-16	1.39E-17	-9.41	29.0584101	-2.03E-01	43107725	43107848	NC_000021.8
cg04361556	4.71E-16	1.39E-17	-9.41	29.0577696	-1.75E-01	85034766	85034889	NC_000002.11
cg11576424	4.71E-16	1.39E-17	-9.41	29.0573511	-1.82E-01	131750756	131750879	NC_000005.9
cg09794680	4.73E-16	1.40E-17	-9.41	29.0542301	-1.31E-01	24540452	24540575	NC_000014.8
cg11348442	4.75E-16	1.40E-17	-9.41	29.0485975	-1.42E-01	220117784	220117907	NC_000002.11
cg08528204	4.78E-16	1.41E-17	-9.41	29.0427424	-8.26E-02	112452096	112452219	NC_000012.11
cg17896636	4.79E-16	1.41E-17	-9.41	29.040824	-1.40E-01	45394028	45394151	NC_000015.9
cg03211098	4.80E-16	1.42E-17	-9.41	29.0395345	-1.81E-01	32039682	32039805	NC_000001.10
cg03180426	4.80E-16	1.42E-17	-9.41	29.038497	-1.31E-01	139964156	139964279	NC_000009.11
cg23189044	4.80E-16	1.42E-17	-9.41	29.0375992	-1.24E-01	74178114	74178237	NC_000011.9
cg17756105	4.81E-16	1.42E-17	-9.41	29.0352983	-2.00E-01	3613164	3613287	NC_000007.13
cg06090053	4.82E-16	1.42E-17	-9.41	29.0350201	-1.55E-01	66032875	66032998	NC_000017.10

cg15645287	4.85E-16	1.43E-17	-9.41	29.0269171	-2.18E-01	34569552	34569675	NC_000010.10
cg08614301	4.85E-16	1.44E-17	-9.41	29.0262929	-5.94E-02	19729716	19729839	NC_000019.9
cg01357892	4.86E-16	1.44E-17	-9.41	29.0249148	-1.65E-01	126191181	126191304	NC_000003.11
cg18919720	4.86E-16	1.44E-17	-9.41	29.0241939	-1.39E-01	79495335	79495458	NC_000017.10
cg03979241	4.88E-16	1.44E-17	-9.41	29.0214356	-2.02E-01	21916824	21916947	NC_000008.10
cg00966557	4.89E-16	1.45E-17	-9.41	29.0191869	-1.76E-01	149219027	149219150	NC_000005.9
cg06599546	4.89E-16	1.45E-17	-9.41	29.0188037	-7.37E-02	1360715	1360838	NC_000016.9
cg15658306	4.89E-16	1.45E-17	-9.41	29.0178993	-1.43E-01	41168972	41169095	NC_000006.11
ch.15.1632650F	4.90E-16	1.45E-17	-9.4	29.0157423	-3.62E-02	93486863	93486986	NC_000015.9
cg04804772	4.90E-16	1.45E-17	-9.4	29.0153098	-1.97E-01	105238873	105238996	NC_000010.10
cg26467538	4.91E-16	1.45E-17	-9.4	29.0144658	-6.94E-02	125486086	125486209	NC_000003.11
cg05935904	4.92E-16	1.46E-17	-9.4	29.01174	-2.44E-01	170405014	170405137	NC_000006.11
cg13520327	4.94E-16	1.46E-17	-9.4	29.0083807	-1.44E-01	61600957	61601080	NC_000017.10
cg25997722	4.95E-16	1.47E-17	-9.4	29.0057865	-2.03E-01	159158883	159159006	NC_000006.11
cg20890440	4.95E-16	1.47E-17	-9.4	29.0047043	-1.61E-01	124867473	124867596	NC_000008.10
cg05001389	4.96E-16	1.47E-17	-9.4	29.0029253	-1.79E-01	135853034	135853157	NC_000009.11
cg24302235	4.96E-16	1.47E-17	-9.4	29.0023214	-1.49E-01	170746073	170746196	NC_000003.11
cg08287306	4.97E-16	1.47E-17	-9.4	29.0017094	-8.66E-02	66585924	66586047	NC_000016.9
cg07853489	4.99E-16	1.48E-17	-9.4	28.9969202	-1.66E-01	183411982	183412105	NC_000003.11
cg18195130	4.99E-16	1.48E-17	-9.4	28.9968857	-7.82E-02	110833944	110834067	NC_000004.11
cg06348773	5.00E-16	1.48E-17	-9.4	28.9954472	-1.29E-01	1087129	1087252	NC_000016.9
cg26931990	5.00E-16	1.48E-17	-9.4	28.9953847	-6.90E-02	1661230	1661353	NC_000016.9
cg03374643	5.00E-16	1.48E-17	-9.4	28.9952612	-8.58E-02	98272422	98272545	NC_000010.10
cg20997028	5.02E-16	1.49E-17	-9.4	28.9904532	-7.81E-02	62493664	62493787	NC_000017.10
cg02013274	5.02E-16	1.49E-17	-9.4	28.9892518	-6.04E-02	28614438	28614561	NC_000002.11

cg13705556	5.04E-16	1.49E-17	-9.4	28.9862481	-1.56E-01	4058760	4058883	NC_000019.9
cg21050240	5.04E-16	1.49E-17	-9.4	28.9859157	-8.04E-02	41108423	41108546	NC_000019.9
cg21846949	5.07E-16	1.51E-17	-9.4	28.97888	-2.13E-01	33500889	33501012	NC_000002.11
cg24904145	5.08E-16	1.51E-17	-9.4	28.9780651	-9.92E-02	100182075	100182198	NC_000007.13
cg17405000	5.08E-16	1.51E-17	-9.4	28.9774471	-2.27E-01	55147245	55147368	NC_000005.9
cg03297163	5.08E-16	1.51E-17	-9.4	28.9766704	-2.29E-01	2548137	2548260	NC_000007.13
cg16426215	5.10E-16	1.51E-17	-9.4	28.9730479	-1.51E-01	56706854	56706977	NC_000016.9
cg22097731	5.12E-16	1.52E-17	-9.4	28.9700779	-1.60E-01	63334436	63334559	NC_000015.9
cg24325991	5.17E-16	1.54E-17	-9.4	28.9590062	-1.20E-01	184943911	184944034	NC_000001.10
cg03309393	5.19E-16	1.54E-17	-9.4	28.9555299	-2.51E-01	12491383	12491506	NC_000006.11
cg14385738	5.19E-16	1.54E-17	-9.4	28.9545898	-2.94E-01	114414340	114414463	NC_000001.10
cg10836809	5.20E-16	1.55E-17	-9.4	28.952094	-1.54E-01	4300203	4300326	NC_000009.11
cg18210026	5.22E-16	1.55E-17	-9.39	28.9490944	-9.75E-02	121495096	121495219	NC_000002.11
cg05492387	5.23E-16	1.56E-17	-9.39	28.9468057	-2.46E-01	99298930	99299053	NC_000004.11
cg25553799	5.23E-16	1.56E-17	-9.39	28.9465755	-1.40E-01	26623894	26624017	NC_000013.10
cg24707023	5.23E-16	1.56E-17	-9.39	28.9458686	-4.39E-02	27860984	27861107	NC_000006.11
ch.2.3504351F	5.24E-16	1.56E-17	-9.39	28.9439387	-8.44E-02	173215253	173215376	NC_000002.11
cg00564163	5.27E-16	1.57E-17	-9.39	28.9391013	-9.15E-02	87935979	87936102	NC_000007.13
cg02550119	5.28E-16	1.57E-17	-9.39	28.9365995	-1.91E-01	33306727	33306850	NC_000017.10
cg07773769	5.29E-16	1.58E-17	-9.39	28.9336028	-1.51E-01	52280329	52280452	NC_000003.11
cg00643392	5.29E-16	1.58E-17	-9.39	28.9334599	-1.14E-01	12946856	12946979	NC_000019.9
cg09376008	5.30E-16	1.58E-17	-9.39	28.9322705	-9.79E-02	142377275	142377398	NC_000007.13
cg25743481	5.32E-16	1.58E-17	-9.39	28.9292121	-6.21E-02	44803289	44803412	NC_000003.11
cg17892871	5.34E-16	1.59E-17	-9.39	28.9248216	-6.22E-02	54618653	54618776	NC_000019.9
cg11462533	5.35E-16	1.60E-17	-9.39	28.9214604	-1.69E-01	40156840	40156963	NC_000001.10

cg23703963	5.36E-16	1.60E-17	-9.39	28.9207146	-1.00E-01	105953300	105953423	NC_000014.8
cg23474190	5.36E-16	1.60E-17	-9.39	28.920567	-1.14E-01	38937109	38937232	NC_000021.8
cg25702651	5.38E-16	1.60E-17	-9.39	28.9163249	-2.64E-01	192675515	192675638	NC_000003.11
cg21650866	5.40E-16	1.61E-17	-9.39	28.9133722	-1.97E-01	142297256	142297379	NC_000008.10
cg12700449	5.40E-16	1.61E-17	-9.39	28.9120747	-1.04E-01	34121837	34121960	NC_000017.10
cg01839430	5.40E-16	1.61E-17	-9.39	28.9116493	-6.00E-02	216177098	216177221	NC_000002.11
cg12578480	5.43E-16	1.62E-17	-9.39	28.9073352	-1.03E-01	23384902	23385025	NC_000010.10
cg20536369	5.43E-16	1.62E-17	-9.39	28.9072709	-5.82E-02	2427244	2427367	NC_000019.9
cg06306219	5.43E-16	1.62E-17	-9.39	28.9069663	-6.14E-02	154075044	154075167	NC_000004.11
cg05887082	5.43E-16	1.62E-17	-9.39	28.9064428	-1.41E-01	10959073	10959196	NC_000019.9
cg19905587	5.45E-16	1.63E-17	-9.39	28.9030385	-1.41E-01	85554135	85554258	NC_000002.11
cg10373891	5.45E-16	1.63E-17	-9.39	28.9022148	-1.39E-01	52338758	52338881	NC_000013.10
cg24746726	5.46E-16	1.63E-17	-9.39	28.9013071	-1.91E-01	70726093	70726216	NC_000004.11
cg05736393	5.49E-16	1.64E-17	-9.39	28.895154	-5.44E-02	74775957	74776080	NC_000002.11
cg25449441	5.50E-16	1.64E-17	-9.39	28.8930778	-2.07E-01	157644471	157644594	NC_000007.13
cg12783491	5.52E-16	1.65E-17	-9.39	28.8897381	-6.22E-02	20212831	20212954	NC_000002.11
cg03653573	5.53E-16	1.65E-17	-9.39	28.8878568	-1.97E-01	131762326	131762449	NC_000005.9
cg05376738	5.57E-16	1.66E-17	-9.38	28.8805084	-2.24E-01	212923780	212923903	NC_000001.10
cg23499977	5.60E-16	1.67E-17	-9.38	28.8741767	-1.09E-01	47835458	47835581	NC_000020.10
cg00979348	5.61E-16	1.68E-17	-9.38	28.8728323	-2.40E-02	84256345	84256468	NC_000004.11
cg04044418	5.62E-16	1.68E-17	-9.38	28.8709166	-1.12E-01	89789362	89789485	NC_000016.9
cg00223899	5.62E-16	1.68E-17	-9.38	28.8699661	-1.55E-01	88299326	88299449	NC_000016.9
cg05429895	5.67E-16	1.69E-17	-9.38	28.8622206	-2.03E-01	120466640	120466763	NC_000009.11
cg08865458	5.69E-16	1.70E-17	-9.38	28.8590104	-1.06E-01	36793866	36793989	NC_000020.10
cg04590638	5.69E-16	1.70E-17	-9.38	28.858977	-1.86E-01	84256865	84256988	NC_000016.9

cg25109663	5.69E-16	1.70E-17	-9.38	28.8582451	-8.88E-02	114102785	114102908	NC_000003.11
cg06466222	5.69E-16	1.70E-17	-9.38	28.8577785	-1.99E-01	72027126	72027249	NC_000010.10
cg13625026	5.70E-16	1.70E-17	-9.38	28.8562161	-1.39E-01	1146419	1146542	NC_000011.9
cg11542165	5.70E-16	1.71E-17	-9.38	28.8556689	-2.05E-01	43029992	43030115	NC_000020.10
cg08201690	5.70E-16	1.71E-17	-9.38	28.8553221	-3.38E-02	122744276	122744399	NC_000004.11
cg19841506	5.72E-16	1.71E-17	-9.38	28.8519988	-1.27E-01	4642056	4642179	NC_000017.10
cg00232535	5.73E-16	1.72E-17	-9.38	28.84984	-2.21E-01	5593287	5593410	NC_000007.13
cg07781399	5.74E-16	1.72E-17	-9.38	28.8490156	-1.13E-01	69455287	69455410	NC_000011.9
cg03584056	5.74E-16	1.72E-17	-9.38	28.849006	-1.34E-01	4910798	4910921	NC_000019.9
cg25432336	5.74E-16	1.72E-17	-9.38	28.8479682	-2.30E-01	20648580	20648703	NC_000002.11
cg07483273	5.74E-16	1.72E-17	-9.38	28.8477851	-6.19E-02	2901388	2901511	NC_000019.9
cg26260789	5.77E-16	1.73E-17	-9.38	28.842309	-8.00E-02	8008433	8008556	NC_000011.9
cg17438457	5.79E-16	1.73E-17	-9.38	28.8398577	-1.74E-01	53094893	53095016	NC_000001.10
cg09958560	5.80E-16	1.74E-17	-9.38	28.8374334	-2.22E-01	114571695	114571818	NC_000010.10
cg15318662	5.83E-16	1.75E-17	-9.38	28.8320699	-1.70E-01	31743775	31743898	NC_000006.11
cg13443768	5.84E-16	1.75E-17	-9.38	28.831251	-1.91E-01	65084386	65084509	NC_000011.9
cg03128635	5.84E-16	1.75E-17	-9.38	28.8308001	-1.17E-01	85980756	85980879	NC_000002.11
cg26674445	5.84E-16	1.75E-17	-9.38	28.8295479	-1.87E-01	53726532	53726655	NC_000015.9
cg20770006	5.85E-16	1.75E-17	-9.38	28.8288347	-1.69E-01	129609690	129609813	NC_000007.13
cg07572052	5.85E-16	1.75E-17	-9.38	28.8285313	-1.10E-01	149821168	149821291	NC_000001.10
cg06716730	5.90E-16	1.77E-17	-9.37	28.8198935	-2.02E-01	35851459	35851582	NC_000017.10
cg19252931	5.90E-16	1.77E-17	-9.37	28.819353	-2.16E-01	33721847	33721970	NC_000011.9
ch.12.1121679R	5.91E-16	1.77E-17	-9.37	28.8175986	-8.66E-02	54067875	54067998	NC_000012.11
cg07190229	5.92E-16	1.78E-17	-9.37	28.8154139	-5.71E-02	142377361	142377484	NC_000008.10
cg12950030	5.93E-16	1.78E-17	-9.37	28.8140476	-1.55E-01	104356109	104356232	NC_000014.8

cg18284089	5.93E-16	1.78E-17	-9.37	28.8133475	-1.44E-01	153601384	153601507	NC_000004.11
cg07440826	5.94E-16	1.78E-17	-9.37	28.8126534	-1.12E-01	89882328	89882451	NC_000016.9
cg10987840	5.94E-16	1.78E-17	-9.37	28.8115541	-2.23E-01	9319526	9319649	NC_000002.11
cg21052766	5.97E-16	1.79E-17	-9.37	28.8077734	-1.30E-01	20134289	20134412	NC_000011.9
cg06893491	5.97E-16	1.79E-17	-9.37	28.8075354	-1.22E-01	14675165	14675288	NC_000019.9
cg13185702	5.97E-16	1.79E-17	-9.37	28.80718	-1.73E-01	125024498	125024621	NC_000012.11
cg07636142	5.98E-16	1.79E-17	-9.37	28.8056271	-1.82E-01	69292759	69292882	NC_000007.13
cg27554954	5.98E-16	1.79E-17	-9.37	28.8052067	-2.26E-01	60691595	60691718	NC_000015.9
cg00974835	5.98E-16	1.79E-17	-9.37	28.8049244	-5.92E-02	74960278	74960401	NC_000014.8
cg10009930	6.01E-16	1.80E-17	-9.37	28.7995055	-5.73E-02	9599403	9599526	NC_000001.10
cg10022788	6.01E-16	1.81E-17	-9.37	28.7991314	-2.05E-01	3136019	3136142	NC_000019.9
cg15078284	6.03E-16	1.81E-17	-9.37	28.7960681	-1.40E-01	36004994	36005117	NC_000019.9
cg00419564	6.03E-16	1.81E-17	-9.37	28.7951826	-5.28E-02	153508860	153508983	NC_000001.10
cg24647820	6.06E-16	1.82E-17	-9.37	28.7911071	-1.81E-01	7505514	7505637	NC_000006.11
cg17285325	6.07E-16	1.82E-17	-9.37	28.789554	-4.90E-02	50968343	50968466	NC_000022.10
cg09764221	6.09E-16	1.83E-17	-9.37	28.7845037	-1.10E-01	51039625	51039748	NC_000022.10
cg10459087	6.10E-16	1.83E-17	-9.37	28.783507	-1.62E-01	40628704	40628827	NC_000004.11
cg23934927	6.11E-16	1.84E-17	-9.37	28.7824875	-1.01E-01	74162623	74162746	NC_000005.9
ch.8.125388564R	6.11E-16	1.84E-17	-9.37	28.781735	-8.67E-02	125319383	125319506	NC_000008.10
cg00463577	6.13E-16	1.84E-17	-9.37	28.7788364	-1.29E-01	74161911	74162034	NC_000006.11
cg00416710	6.13E-16	1.84E-17	-9.37	28.7784153	-2.05E-01	29196027	29196150	NC_000016.9
cg05592959	6.13E-16	1.84E-17	-9.37	28.7780992	-1.43E-01	2548788	2548911	NC_000007.13
cg13864937	6.14E-16	1.85E-17	-9.37	28.7758141	-5.71E-02	58874733	58874856	NC_000011.9
cg11869784	6.16E-16	1.85E-17	-9.37	28.773575	-8.51E-02	21738303	21738426	NC_000014.8
cg08903855	6.16E-16	1.85E-17	-9.37	28.7727525	-1.58E-01	37056769	37056892	NC_000001.10

cg07633853	6.17E-16	1.86E-17	-9.37	28.7714471	-1.28E-01	35569471	35569594	NC_000006.11
cg22541038	6.17E-16	1.86E-17	-9.37	28.7710501	-1.68E-01	1049653	1049776	NC_000004.11
cg04921824	6.18E-16	1.86E-17	-9.37	28.7695834	-1.85E-01	27449716	27449839	NC_000008.10
cg04525491	6.22E-16	1.87E-17	-9.37	28.7628372	-9.44E-02	8823683	8823806	NC_000002.11
cg26907768	6.22E-16	1.87E-17	-9.37	28.762591	-1.18E-01	87902420	87902543	NC_000016.9
cg10557907	6.22E-16	1.87E-17	-9.37	28.7624752	-1.87E-01	3286322	3286445	NC_000001.10
cg27201297	6.22E-16	1.87E-17	-9.37	28.7623596	-6.57E-02	37902413	37902536	NC_000003.11
cg02250357	6.22E-16	1.87E-17	-9.37	28.7621051	-1.06E-01	69795965	69796088	NC_000016.9
cg02855983	6.24E-16	1.88E-17	-9.37	28.7595475	-6.21E-02	201252324	201252447	NC_000001.10
cg00586700	6.24E-16	1.88E-17	-9.37	28.7593815	-1.98E-01	50015178	50015301	NC_000019.9
cg03866192	6.25E-16	1.88E-17	-9.36	28.7568348	-1.82E-01	2699542	2699665	NC_000017.10
cg26031954	6.26E-16	1.89E-17	-9.36	28.7559899	-2.02E-01	2139327	2139450	NC_000001.10
cg04957903	6.28E-16	1.89E-17	-9.36	28.7515645	-1.78E-01	38880852	38880975	NC_000007.13
cg01772439	6.29E-16	1.90E-17	-9.36	28.7505458	-2.29E-01	149012102	149012225	NC_000005.9
cg14985891	6.30E-16	1.90E-17	-9.36	28.7493213	-2.70E-01	116270626	116270749	NC_000001.10
cg22781074	6.31E-16	1.90E-17	-9.36	28.7464398	-9.72E-02	777456	777579	NC_000016.9
cg04038680	6.33E-16	1.91E-17	-9.36	28.7441634	-1.41E-01	13011675	13011798	NC_000016.9
cg03944375	6.33E-16	1.91E-17	-9.36	28.7439828	-2.30E-01	22143533	22143656	NC_000001.10
cg23359810	6.35E-16	1.92E-17	-9.36	28.7395614	-1.34E-01	51572113	51572236	NC_000010.10
cg21245135	6.36E-16	1.92E-17	-9.36	28.7385659	-5.07E-02	99186516	99186639	NC_000010.10
cg01054622	6.37E-16	1.92E-17	-9.36	28.7365754	-1.27E-01	21044691	21044814	NC_000001.10
cg11558551	6.39E-16	1.93E-17	-9.36	28.7336932	-2.28E-01	17516442	17516565	NC_000019.9
cg02570493	6.41E-16	1.93E-17	-9.36	28.730877	-1.93E-01	42089403	42089526	NC_000006.11
cg02716826	6.41E-16	1.94E-17	-9.36	28.7299709	-9.74E-02	33447032	33447155	NC_000009.11
cg06004033	6.42E-16	1.94E-17	-9.36	28.7282848	-1.37E-01	104173675	104173798	NC_000012.11

cg23536675	6.43E-16	1.94E-17	-9.36	28.7272981	-2.56E-01	25620638	25620761	NC_000017.10
cg25161912	6.44E-16	1.94E-17	-9.36	28.725325	-1.83E-01	66220771	66220894	NC_000012.11
cg08375396	6.44E-16	1.95E-17	-9.36	28.7248244	-2.24E-01	8033848	8033971	NC_000011.9
cg20539366	6.45E-16	1.95E-17	-9.36	28.7226182	-1.47E-01	46370644	46370767	NC_000022.10
cg13567169	6.46E-16	1.95E-17	-9.36	28.7211273	-1.29E-01	121410855	121410978	NC_000012.11
cg21576256	6.47E-16	1.95E-17	-9.36	28.7206754	-1.97E-01	158655372	158655495	NC_000005.9
cg26960939	6.47E-16	1.96E-17	-9.36	28.7189741	-1.45E-01	38717206	38717329	NC_000017.10
cg18244487	6.48E-16	1.96E-17	-9.36	28.7187693	-1.53E-01	681280	681403	NC_000004.11
cg12569592	6.48E-16	1.96E-17	-9.36	28.7184141	-2.08E-01	16753450	16753573	NC_000006.11
cg27189341	6.49E-16	1.96E-17	-9.36	28.7167061	-1.06E-01	80966703	80966826	NC_000016.9
cg00475131	6.49E-16	1.96E-17	-9.36	28.7164901	-1.89E-01	41117096	41117219	NC_000019.9
cg20716202	6.49E-16	1.96E-17	-9.36	28.7158099	-2.04E-01	2925847	2925970	NC_000011.9
cg15362894	6.50E-16	1.97E-17	-9.36	28.7151432	-1.61E-01	44702663	44702786	NC_000011.9
cg06751366	6.51E-16	1.97E-17	-9.36	28.7126718	-2.06E-01	50280723	50280846	NC_000016.9
cg05337743	6.54E-16	1.98E-17	-9.36	28.7089352	-2.22E-01	54369571	54369694	NC_000019.9
cg22180410	6.56E-16	1.99E-17	-9.36	28.7044971	-6.73E-02	187646446	187646569	NC_000004.11
cg04171808	6.58E-16	1.99E-17	-9.36	28.7026873	-2.32E-01	35188437	35188560	NC_000011.9
ch.4.938375R	6.58E-16	1.99E-17	-9.36	28.7011554	-7.92E-02	41264221	41264344	NC_000004.11
cg19695777	6.61E-16	2.00E-17	-9.36	28.6971888	-9.14E-02	28543438	28543561	NC_000013.10
cg19254047	6.61E-16	2.00E-17	-9.36	28.6965648	-4.03E-02	102315097	102315220	NC_000002.11
cg11126215	6.63E-16	2.01E-17	-9.36	28.6946172	-7.19E-02	94596163	94596286	NC_000014.8
cg09362047	6.63E-16	2.01E-17	-9.36	28.6941822	-2.51E-01	70389968	70390091	NC_000017.10
cg08122151	6.65E-16	2.01E-17	-9.35	28.6905826	-1.87E-01	66764409	66764532	NC_000011.9
cg23149881	6.66E-16	2.02E-17	-9.35	28.6897593	-2.26E-01	113594654	113594777	NC_000002.11
cg22156842	6.66E-16	2.02E-17	-9.35	28.6892075	-1.79E-01	136537169	136537292	NC_000003.11



cg07611887	6.68E-16	2.02E-17	-9.35	28.6866807	-1.32E-01	21831372	21831495	NC_000016.9
cg21484834	6.68E-16	2.02E-17	-9.35	28.6859315	-1.38E-01	62168579	62168702	NC_000020.10
cg26380291	6.71E-16	2.03E-17	-9.35	28.6818256	-1.91E-01	114787843	114787966	NC_000010.10
cg09539496	6.74E-16	2.04E-17	-9.35	28.6761485	-1.84E-01	20164433	20164556	NC_000008.10
cg10938600	6.79E-16	2.06E-17	-9.35	28.669776	-1.59E-01	57137590	57137713	NC_000005.9
cg18080670	6.79E-16	2.06E-17	-9.35	28.6697143	-3.84E-02	5569112	5569235	NC_000007.13
cg25784280	6.81E-16	2.07E-17	-9.35	28.6656968	-2.30E-01	32289350	32289473	NC_000018.9
cg12091331	6.81E-16	2.07E-17	-9.35	28.6653089	-1.71E-01	42065314	42065437	NC_000008.10
cg08916374	6.82E-16	2.07E-17	-9.35	28.6645509	-1.88E-01	145471727	145471850	NC_000001.10
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cg00321901	6.84E-16	2.08E-17	-9.35	28.6605123	-1.07E-01	10512459	10512582	NC_000008.10
cg14363992	6.85E-16	2.08E-17	-9.35	28.6587293	-8.70E-02	27776350	27776473	NC_000006.11
cg22184944	6.86E-16	2.08E-17	-9.35	28.6571667	-1.97E-01	79031091	79031214	NC_000017.10
cg08698159	6.89E-16	2.09E-17	-9.35	28.6529548	-1.63E-01	27294743	27294866	NC_000017.10
cg16984944	6.90E-16	2.09E-17	-9.35	28.6520421	-1.07E-01	99979425	99979548	NC_000003.11
cg13580002	6.90E-16	2.09E-17	-9.35	28.6518067	-1.79E-01	57626444	57626567	NC_000015.9
cg13559306	6.91E-16	2.10E-17	-9.35	28.6505145	-1.43E-01	41534491	41534614	NC_000017.10
cg24112628	6.95E-16	2.11E-17	-9.35	28.6448834	-2.11E-01	150174215	150174338	NC_000006.11
cg23599820	6.95E-16	2.11E-17	-9.35	28.6446978	-1.86E-01	73456199	73456322	NC_000017.10
cg10367412	6.95E-16	2.11E-17	-9.35	28.6442366	-1.73E-01	103590195	103590318	NC_000014.8
cg11579059	6.97E-16	2.12E-17	-9.35	28.6413506	-1.13E-01	156300245	156300368	NC_000004.11
cg26948274	6.97E-16	2.12E-17	-9.35	28.64061	-1.13E-01	1201698	1201821	NC_000005.9
cg08970347	6.98E-16	2.12E-17	-9.35	28.6392576	-1.42E-01	27449907	27450030	NC_000008.10
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cg22193912	7.02E-16	2.14E-17	-9.35	28.6325943	-1.86E-01	79881523	79881646	NC_000017.10

cg18040354	7.03E-16	2.14E-17	-9.35	28.6323049	-1.18E-01	53800484	53800607	NC_000017.10
cg20476019	7.03E-16	2.14E-17	-9.35	28.6311052	-2.94E-01	33157881	33158004	NC_000022.10
cg05551003	7.06E-16	2.15E-17	-9.34	28.6274079	-1.57E-01	11267072	11267195	NC_000003.11
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cg01467789	7.11E-16	2.16E-17	-9.34	28.6196693	-1.18E-01	37595333	37595456	NC_000008.10
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cg13990958	7.15E-16	2.18E-17	-9.34	28.6136967	-7.34E-02	6487999	6488122	NC_000007.13
ch.2.740763F	7.21E-16	2.19E-17	-9.34	28.6060386	-7.82E-02	30043545	30043668	NC_000002.11
cg24414363	7.21E-16	2.20E-17	-9.34	28.6051721	-2.06E-01	42336273	42336396	NC_000022.10
cg04489786	7.24E-16	2.21E-17	-9.34	28.6003657	-6.20E-02	212004408	212004531	NC_000001.10
cg07185174	7.26E-16	2.21E-17	-9.34	28.5975483	-1.14E-01	61435829	61435952	NC_000020.10
cg06301550	7.27E-16	2.22E-17	-9.34	28.5959576	-1.18E-01	37230484	37230607	NC_000020.10
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cg16500987	7.28E-16	2.22E-17	-9.34	28.5946287	-1.28E-01	167104761	167104884	NC_000006.11
cg08015107	7.28E-16	2.22E-17	-9.34	28.5944084	-1.78E-01	8618950	8619073	NC_000011.9
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cg16558172	7.38E-16	2.25E-17	-9.34	28.5810569	-5.81E-02	27191067	27191190	NC_000001.10
cg20223392	7.41E-16	2.26E-17	-9.34	28.5765786	-2.40E-01	328499	328622	NC_000008.10

cg07981044	7.42E-16	2.26E-17	-9.34	28.5749511	-1.04E-01	128510184	128510307	NC_000007.13
cg22581200	7.48E-16	2.28E-17	-9.34	28.5668425	-1.85E-01	60666575	60666698	NC_000015.9
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cg22891191	7.50E-16	2.29E-17	-9.33	28.5628477	-1.57E-01	129706234	129706357	NC_000010.10
cg27165794	7.51E-16	2.30E-17	-9.33	28.5613472	-2.49E-01	74179674	74179797	NC_000014.8
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cg06634950	7.55E-16	2.31E-17	-9.33	28.5566484	-1.29E-01	169487146	169487269	NC_000003.11
cg26039298	7.55E-16	2.31E-17	-9.33	28.5565688	-1.15E-01	15323186	15323309	NC_000001.10
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cg14012294	7.56E-16	2.31E-17	-9.33	28.5553078	-2.77E-02	72794041	72794164	NC_000005.9
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cg14972228	7.61E-16	2.33E-17	-9.33	28.5477326	-1.69E-01	38570495	38570618	NC_000019.9
cg01005425	7.61E-16	2.33E-17	-9.33	28.5476268	-1.12E-01	95309323	95309446	NC_000013.10
cg10081994	7.61E-16	2.33E-17	-9.33	28.5474052	-2.01E-01	100908637	100908760	NC_000002.11
cg19917083	7.62E-16	2.33E-17	-9.33	28.5461073	-1.22E-01	112814452	112814575	NC_000002.11
cg09791621	7.64E-16	2.34E-17	-9.33	28.5429643	-2.58E-01	1078722	1078845	NC_000016.9
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cg18440692	7.70E-16	2.36E-17	-9.33	28.5354252	-2.21E-01	126308034	126308157	NC_000010.10
cg17881007	7.70E-16	2.36E-17	-9.33	28.5349971	-1.83E-01	151106022	151106145	NC_000007.13
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cg27226320	7.74E-16	2.37E-17	-9.33	28.5302436	-2.46E-01	175158326	175158449	NC_000001.10

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cg26239850	7.76E-16	2.38E-17	-9.33	28.5274976	-1.91E-01	44977160	44977283	NC_000011.9
cg03611868	7.79E-16	2.39E-17	-9.33	28.5226522	-9.66E-02	43818603	43818726	NC_000010.10
cg14702787	7.82E-16	2.39E-17	-9.33	28.5192733	-1.91E-01	219032885	219033008	NC_000002.11
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cg09347176	7.85E-16	2.41E-17	-9.33	28.5141405	-1.75E-01	89686618	89686741	NC_000016.9
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cg04976075	7.88E-16	2.42E-17	-9.33	28.5102172	-1.29E-01	1230850	1230973	NC_000010.10
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cg00428382	7.93E-16	2.43E-17	-9.33	28.5032277	-1.72E-01	124427390	124427513	NC_000004.11
cg08407620	7.94E-16	2.44E-17	-9.33	28.5018215	-2.01E-01	24743861	24743984	NC_000006.11
cg16381059	7.96E-16	2.44E-17	-9.33	28.4999574	-1.94E-01	835927	836050	NC_000017.10
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cg15329133	8.06E-16	2.47E-17	-9.32	28.4868704	-1.30E-01	135467951	135468074	NC_000005.9
cg17672850	8.06E-16	2.47E-17	-9.32	28.486738	-1.35E-01	40206354	40206477	NC_000017.10

cg02510736	8.06E-16	2.48E-17	-9.32	28.486351	-1.03E-01	81205445	81205568	NC_000010.10
cg14076239	8.14E-16	2.50E-17	-9.32	28.476311	-2.19E-01	53712850	53712973	NC_000013.10
ch.12.2487434F	8.14E-16	2.50E-17	-9.32	28.475868	-1.22E-01	120634424	120634547	NC_000012.11
cg02227496	8.17E-16	2.51E-17	-9.32	28.4725598	-2.24E-01	33750617	33750740	NC_000009.11
cg05462761	8.18E-16	2.51E-17	-9.32	28.4710574	-1.92E-01	6545157	6545280	NC_000001.10
cg22304285	8.20E-16	2.52E-17	-9.32	28.4680373	-1.78E-01	41634744	41634867	NC_000022.10
cg01155039	8.26E-16	2.54E-17	-9.32	28.4607171	-9.22E-02	103389814	103389937	NC_000014.8
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cg13334135	8.29E-16	2.55E-17	-9.32	28.4569921	-7.15E-02	102986636	102986759	NC_000010.10
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cg08827454	8.32E-16	2.56E-17	-9.32	28.4523371	-2.06E-01	30922981	30923104	NC_000006.11
cg22681001	8.36E-16	2.57E-17	-9.32	28.4482489	-1.58E-01	29141663	29141786	NC_000011.9
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cg20773521	8.62E-16	2.66E-17	-9.31	28.4156618	-1.67E-01	93374979	93375102	NC_000001.10

cg10534672	8.67E-16	2.68E-17	-9.31	28.4092421	-6.62E-02	159797275	159797398	NC_000005.9
cg18348690	8.67E-16	2.68E-17	-9.31	28.4090988	-1.64E-01	151967697	151967820	NC_000001.10
cg16063312	8.71E-16	2.69E-17	-9.31	28.4051763	-1.37E-01	22725587	22725710	NC_000010.10
cg27378180	8.72E-16	2.69E-17	-9.31	28.4035567	-7.23E-02	76005446	76005569	NC_000015.9
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cg01182154	8.75E-16	2.70E-17	-9.31	28.3996004	-1.82E-01	112202929	112203052	NC_000013.10
cg18060185	8.79E-16	2.71E-17	-9.31	28.3954088	-6.42E-02	72416268	72416391	NC_000005.9
cg20785674	8.79E-16	2.72E-17	-9.31	28.3950989	-2.88E-01	150123490	150123613	NC_000001.10
cg01582066	8.81E-16	2.72E-17	-9.31	28.3926437	-1.33E-01	32057065	32057188	NC_000022.10
cg09539538	8.81E-16	2.72E-17	-9.31	28.3922581	-1.67E-01	6104215	6104338	NC_000020.10
cg20405918	8.87E-16	2.74E-17	-9.31	28.3853337	-3.39E-02	50478976	50479099	NC_000012.11
cg00039489	8.89E-16	2.75E-17	-9.31	28.3830557	-1.94E-01	24712522	24712645	NC_000016.9
cg27290215	8.90E-16	2.75E-17	-9.31	28.3817972	-1.80E-01	116392933	116393056	NC_000010.10
cg20870559	8.90E-16	2.75E-17	-9.31	28.3816887	-1.82E-01	113416518	113416641	NC_000012.11
cg13766329	8.90E-16	2.75E-17	-9.31	28.3815374	-1.90E-01	45596980	45597103	NC_000022.10
cg27278470	8.91E-16	2.76E-17	-9.31	28.3797861	-1.77E-01	52540778	52540901	NC_000012.11
cg26736232	8.92E-16	2.76E-17	-9.31	28.3792975	-2.73E-01	628603	628726	NC_000011.9
cg22166739	8.93E-16	2.76E-17	-9.31	28.3778361	-1.76E-01	73694868	73694991	NC_000011.9
cg08261525	8.96E-16	2.77E-17	-9.31	28.3748202	-1.49E-01	44239135	44239258	NC_000013.10
cg12970171	8.96E-16	2.77E-17	-9.31	28.374333	-1.62E-01	6766613	6766736	NC_000005.9
cg26960492	8.96E-16	2.77E-17	-9.31	28.3742774	-8.76E-02	114048670	114048793	NC_000013.10
cg08649360	8.96E-16	2.77E-17	-9.31	28.3738787	-1.13E-01	9833841	9833964	NC_000003.11
cg00502926	8.97E-16	2.78E-17	-9.31	28.3730515	-2.20E-01	21510056	21510179	NC_000014.8
cg24935121	9.05E-16	2.80E-17	-9.3	28.3633489	-1.20E-01	155022635	155022758	NC_000001.10

cg01509243	9.05E-16	2.80E-17	-9.3	28.3632164	-2.04E-01	105123576	105123699	NC_000014.8
cg00566961	9.07E-16	2.81E-17	-9.3	28.3609668	-2.13E-01	119488431	119488554	NC_000005.9
cg20642413	9.08E-16	2.81E-17	-9.3	28.3607571	-8.77E-02	62338338	62338461	NC_000020.10
cg16817668	9.14E-16	2.83E-17	-9.3	28.353265	-1.85E-01	32055006	32055129	NC_000001.10
cg14089943	9.14E-16	2.83E-17	-9.3	28.3529439	-6.88E-02	103990076	103990199	NC_000010.10
cg25025297	9.15E-16	2.83E-17	-9.3	28.352362	-6.23E-02	15480555	15480678	NC_000001.10
cg11962078	9.16E-16	2.84E-17	-9.3	28.3508665	-1.28E-01	136849317	136849440	NC_000007.13
cg08812235	9.20E-16	2.85E-17	-9.3	28.3469867	-6.89E-02	23397533	23397656	NC_000007.13
cg07594674	9.20E-16	2.85E-17	-9.3	28.3463949	-7.81E-02	47499812	47499935	NC_000002.11
cg22025854	9.23E-16	2.86E-17	-9.3	28.3434842	-1.25E-01	54494493	54494616	NC_000019.9
cg01773185	9.25E-16	2.87E-17	-9.3	28.3412426	-7.92E-02	74724152	74724275	NC_000014.8
cg15282732	9.30E-16	2.88E-17	-9.3	28.3351558	-7.36E-02	150346863	150346986	NC_000006.11
cg09331335	9.32E-16	2.89E-17	-9.3	28.3332307	-7.82E-02	13209485	13209608	NC_000019.9
cg15826891	9.32E-16	2.89E-17	-9.3	28.332831	-1.93E-01	122037845	122037968	NC_000011.9
cg23381028	9.32E-16	2.89E-17	-9.3	28.3322548	-1.57E-01	164088958	164089081	NC_000006.11
cg19511316	9.36E-16	2.90E-17	-9.3	28.3282809	-5.29E-02	197183353	197183476	NC_000003.11
cg23088810	9.38E-16	2.91E-17	-9.3	28.3267006	-1.67E-01	106100228	106100351	NC_000012.11
cg13525448	9.38E-16	2.91E-17	-9.3	28.3257106	-9.54E-02	102986601	102986724	NC_000010.10
cg14207654	9.40E-16	2.92E-17	-9.3	28.3238293	-1.04E-01	43533913	43534036	NC_000001.10
cg19319487	9.42E-16	2.92E-17	-9.3	28.322024	-2.44E-01	73232747	73232870	NC_000011.9
cg21462844	9.48E-16	2.94E-17	-9.3	28.3148742	-1.71E-01	67628165	67628288	NC_000008.10
ch.7.3273938R	9.49E-16	2.95E-17	-9.3	28.313813	-4.91E-02	154766961	154767084	NC_000007.13
cg07069514	9.52E-16	2.96E-17	-9.3	28.3108075	-7.91E-02	100494380	100494503	NC_000007.13
cg21182694	9.53E-16	2.96E-17	-9.3	28.3090843	-6.31E-02	139062771	139062894	NC_000003.11
cg26252794	9.56E-16	2.97E-17	-9.3	28.3054545	-1.72E-01	88097221	88097344	NC_000014.8

cg06315390	9.63E-16	2.99E-17	-9.29	28.298235	-2.04E-01	45704914	45705037	NC_000022.10
cg20709530	9.69E-16	3.01E-17	-9.29	28.2926609	-2.10E-01	36040249	36040372	NC_000020.10
cg18943383	9.73E-16	3.02E-17	-9.29	28.2881152	-1.75E-01	27777858	27777981	NC_000006.11
cg03049846	9.76E-16	3.04E-17	-9.29	28.2840011	-1.64E-01	33712790	33712913	NC_000019.9
cg12862820	9.76E-16	3.04E-17	-9.29	28.2839653	-1.54E-01	83817398	83817521	NC_000007.13
cg20066750	9.83E-16	3.06E-17	-9.29	28.277087	-5.49E-02	62389892	62390015	NC_000011.9
cg02495552	9.91E-16	3.08E-17	-9.29	28.2690277	-2.48E-01	132221669	132221792	NC_000012.11
cg02788637	9.94E-16	3.09E-17	-9.29	28.2661192	-1.39E-01	853229	853352	NC_000007.13
cg04590184	9.94E-16	3.09E-17	-9.29	28.2661106	-8.55E-02	29297604	29297727	NC_000017.10
cg10833393	9.97E-16	3.11E-17	-9.29	28.2622353	-1.53E-01	46651227	46651350	NC_000019.9
cg01229943	9.98E-16	3.11E-17	-9.29	28.261949	-1.91E-01	40904807	40904930	NC_000006.11
cg03510349	9.98E-16	3.11E-17	-9.29	28.261211	-1.24E-01	3861616	3861739	NC_000012.11
cg06318676	1.00E-15	3.12E-17	-9.29	28.2584805	-1.68E-01	92077357	92077480	NC_000001.10
cg23088157	1.00E-15	3.12E-17	-9.29	28.2561636	-1.60E-01	11851316	11851439	NC_000001.10
cg01836137	1.00E-15	3.13E-17	-9.29	28.2556983	-1.24E-01	105167300	105167423	NC_000014.8
cg18608055	1.00E-15	3.13E-17	-9.29	28.2554131	-2.15E-01	1130866	1130989	NC_000019.9
cg01917266	1.01E-15	3.14E-17	-9.29	28.2521777	-2.01E-01	79810788	79810911	NC_000016.9
cg09633579	1.01E-15	3.15E-17	-9.29	28.249028	-1.26E-01	61395464	61395587	NC_000011.9
cg19596755	1.02E-15	3.17E-17	-9.29	28.2432498	-1.55E-01	68609747	68609870	NC_000011.9
cg06993413	1.02E-15	3.17E-17	-9.29	28.2426459	-4.63E-02	65810204	65810327	NC_000015.9
cg06458698	1.02E-15	3.17E-17	-9.29	28.2408611	-8.84E-02	3623210	3623333	NC_000002.11
cg05725721	1.02E-15	3.18E-17	-9.28	28.2401242	-1.01E-01	160823387	160823510	NC_000003.11
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cg26233914	1.02E-15	3.19E-17	-9.28	28.2348286	-1.07E-01	31366536	31366659	NC_000016.9
cg19853703	1.03E-15	3.22E-17	-9.28	28.2271632	-8.43E-02	36044792	36044915	NC_000022.10



cg05912338	1.03E-15	3.23E-17	-9.28	28.2242692	-1.95E-01	86701746	86701869	NC_000011.9
cg10508778	1.03E-15	3.23E-17	-9.28	28.2232264	-1.25E-01	110840579	110840702	NC_000012.11
ch.17.1730525R	1.04E-15	3.25E-17	-9.28	28.2173658	-8.17E-02	65196202	65196325	NC_000017.10
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cg26163458	1.04E-15	3.26E-17	-9.28	28.2131957	-6.48E-02	95620976	95621099	NC_000013.10
cg02049243	1.05E-15	3.27E-17	-9.28	28.2106555	-1.75E-01	85424402	85424525	NC_000016.9
cg23664708	1.05E-15	3.27E-17	-9.28	28.2105884	-1.61E-01	80196903	80197026	NC_000017.10
cg04322105	1.05E-15	3.28E-17	-9.28	28.2086927	-1.07E-01	50383309	50383432	NC_000003.11
cg00781658	1.06E-15	3.30E-17	-9.28	28.2016869	-1.82E-01	41805850	41805973	NC_000019.9
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cg17318642	1.06E-15	3.32E-17	-9.28	28.1953463	-2.87E-02	111842773	111842896	NC_000012.11
cg15848159	1.06E-15	3.32E-17	-9.28	28.194599	-2.04E-01	85791643	85791766	NC_000004.11
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cg05405914	1.08E-15	3.38E-17	-9.28	28.1783804	-1.37E-01	8972233	8972356	NC_000016.9
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cg07442639	1.10E-15	3.44E-17	-9.27	28.1612515	-4.38E-02	3014225	3014348	NC_000011.9
cg16643542	1.10E-15	3.45E-17	-9.27	28.1585887	-1.48E-01	827843	827966	NC_000019.9
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cg22016649	1.12E-15	3.51E-17	-9.27	28.1394806	-9.78E-02	818917	819040	NC_000011.9
cg12955084	1.12E-15	3.52E-17	-9.27	28.1388866	-2.26E-01	41886265	41886388	NC_000019.9
cg21812313	1.12E-15	3.52E-17	-9.27	28.1379217	-2.20E-01	94158618	94158741	NC_000001.10
cg17389988	1.12E-15	3.52E-17	-9.27	28.1370116	-2.00E-01	40740924	40741047	NC_000007.13
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cg27642771	1.12E-15	3.53E-17	-9.27	28.1352019	-6.59E-02	3762167	3762290	NC_000020.10
cg19137818	1.13E-15	3.53E-17	-9.27	28.1341354	-1.25E-01	45837556	45837679	NC_000003.11
cg02798548	1.13E-15	3.53E-17	-9.27	28.1338706	-7.80E-02	57832235	57832358	NC_000019.9
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cg16365424	1.14E-15	3.59E-17	-9.27	28.117568	-2.14E-01	234700636	234700759	NC_000001.10
cg15205204	1.14E-15	3.60E-17	-9.27	28.116785	-1.40E-01	6545172	6545295	NC_000001.10
cg15601807	1.15E-15	3.61E-17	-9.27	28.1140216	-1.60E-01	45495677	45495800	NC_000010.10
cg05136724	1.15E-15	3.63E-17	-9.26	28.1087968	-2.00E-01	65793962	65794085	NC_000002.11
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cg15903956	1.16E-15	3.65E-17	-9.26	28.1013377	-1.83E-01	74676231	74676354	NC_000015.9
cg25199322	1.16E-15	3.66E-17	-9.26	28.0993407	-1.13E-01	151693838	151693961	NC_000001.10

cg02920604	1.17E-15	3.67E-17	-9.26	28.0968931	-1.98E-01	59484170	59484293	NC_000015.9
cg08282145	1.17E-15	3.68E-17	-9.26	28.094294	-1.54E-01	24868755	24868878	NC_000014.8
cg03622371	1.18E-15	3.70E-17	-9.26	28.0876955	-7.15E-02	73000436	73000559	NC_000011.9
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cg16177481	1.18E-15	3.72E-17	-9.26	28.0820702	-1.06E-01	61740158	61740281	NC_000011.9
cg21046940	1.19E-15	3.73E-17	-9.26	28.0803023	-5.42E-02	10760858	10760981	NC_000005.9
cg23508201	1.19E-15	3.74E-17	-9.26	28.0789602	-2.11E-01	38677884	38678007	NC_000017.10
cg04241652	1.19E-15	3.74E-17	-9.26	28.0777482	-1.83E-01	2984830	2984953	NC_000001.10
cg05759347	1.19E-15	3.74E-17	-9.26	28.0774673	-2.23E-01	243416723	243416846	NC_000001.10
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cg10537718	1.19E-15	3.75E-17	-9.26	28.0759332	-6.63E-02	1479488	1479611	NC_000019.9
cg17715243	1.19E-15	3.75E-17	-9.26	28.0752361	-2.25E-01	1156212	1156335	NC_000010.10
cg13720316	1.19E-15	3.75E-17	-9.26	28.0750191	-7.93E-02	69455111	69455234	NC_000011.9
cg03599547	1.20E-15	3.77E-17	-9.26	28.0707943	-7.03E-02	56123102	56123225	NC_000012.11
cg15332871	1.20E-15	3.77E-17	-9.26	28.0701709	-1.72E-01	168489054	168489177	NC_000006.11
cg07875068	1.20E-15	3.78E-17	-9.26	28.0681732	-1.51E-01	116814302	116814425	NC_000012.11
cg19938199	1.20E-15	3.78E-17	-9.26	28.0663401	-2.22E-01	63233164	63233287	NC_000015.9
cg00946187	1.21E-15	3.81E-17	-9.26	28.0589084	-1.48E-01	1396953	1397076	NC_000017.10
cg20413202	1.22E-15	3.84E-17	-9.26	28.0522313	-2.16E-01	10056853	10056976	NC_000001.10
cg06123346	1.22E-15	3.84E-17	-9.26	28.0510371	-1.61E-01	36054519	36054642	NC_000019.9
cg03962527	1.22E-15	3.85E-17	-9.26	28.0496116	-1.90E-01	111766879	111767002	NC_000010.10
cg23537419	1.22E-15	3.85E-17	-9.26	28.0483431	-2.09E-01	128533587	128533710	NC_000007.13
cg07195224	1.23E-15	3.88E-17	-9.25	28.0426005	-1.84E-01	159047034	159047157	NC_000001.10
cg22073507	1.23E-15	3.88E-17	-9.25	28.041094	-6.91E-02	68291089	68291212	NC_000002.11
cg14159336	1.23E-15	3.88E-17	-9.25	28.040524	-1.03E-01	228645796	228645919	NC_000001.10

cg04455646	1.24E-15	3.90E-17	-9.25	28.0354549	-9.30E-02	10206344	10206467	NC_000003.11
cg24180219	1.24E-15	3.92E-17	-9.25	28.0327048	-1.43E-01	105239190	105239313	NC_000010.10
cg14995062	1.24E-15	3.92E-17	-9.25	28.032129	-1.70E-01	102826570	102826693	NC_000011.9
cg13936846	1.24E-15	3.92E-17	-9.25	28.0308997	-1.87E-01	137216064	137216187	NC_000009.11
cg07929164	1.24E-15	3.92E-17	-9.25	28.0307559	-1.40E-01	80372499	80372622	NC_000017.10
cg10383933	1.25E-15	3.94E-17	-9.25	28.0274023	-8.79E-02	95465250	95465373	NC_000014.8
cg25810357	1.25E-15	3.94E-17	-9.25	28.0268577	-7.10E-02	127267066	127267189	NC_000003.11
ch.3.38006391R	1.25E-15	3.94E-17	-9.25	28.0255721	-5.85E-02	38031387	38031510	NC_000003.11
cg15964159	1.25E-15	3.94E-17	-9.25	28.0254429	-1.60E-01	52912487	52912610	NC_000013.10
cg23175055	1.25E-15	3.95E-17	-9.25	28.0234572	-9.17E-02	31704738	31704861	NC_000006.11
cg24045357	1.26E-15	3.97E-17	-9.25	28.0182848	-1.65E-01	177448447	177448570	NC_000002.11
cg15132013	1.26E-15	3.98E-17	-9.25	28.0174734	-2.17E-01	2163529	2163652	NC_000001.10
cg01733438	1.26E-15	3.98E-17	-9.25	28.0154955	-2.22E-01	75276069	75276192	NC_000017.10
cg15217044	1.26E-15	3.99E-17	-9.25	28.0129954	-1.99E-01	159466054	159466177	NC_000006.11
cg14210454	1.27E-15	4.00E-17	-9.25	28.0109489	-1.67E-01	463460	463583	NC_000019.9
cg03883275	1.27E-15	4.01E-17	-9.25	28.0102468	-1.63E-01	49608385	49608508	NC_000010.10
cg10574365	1.27E-15	4.01E-17	-9.25	28.0101835	-1.67E-01	32054836	32054959	NC_000001.10
cg06601581	1.27E-15	4.01E-17	-9.25	28.0094801	-1.68E-01	85404654	85404777	NC_000016.9
cg04283637	1.27E-15	4.01E-17	-9.25	28.0083829	-1.40E-01	74405447	74405570	NC_000006.11
cg08977639	1.27E-15	4.03E-17	-9.25	28.0043951	-8.39E-02	1047820	1047943	NC_000016.9
cg01280080	1.27E-15	4.03E-17	-9.25	28.0037828	-9.84E-02	216177276	216177399	NC_000002.11
cg22057234	1.28E-15	4.05E-17	-9.25	28.0003941	-1.44E-01	34206710	34206833	NC_000020.10
cg02772121	1.28E-15	4.06E-17	-9.25	27.995712	-2.34E-01	30130881	30131004	NC_000006.11
cg25311470	1.29E-15	4.08E-17	-9.25	27.9927512	-1.22E-01	107950866	107950989	NC_000007.13
cg26531231	1.29E-15	4.09E-17	-9.25	27.9883564	-2.28E-01	40336255	40336378	NC_000004.11

cg14396214	1.29E-15	4.10E-17	-9.25	27.9866829	-1.64E-01	62367998	62368121	NC_000020.10
cg15948030	1.31E-15	4.14E-17	-9.24	27.977469	-1.70E-01	31760825	31760948	NC_000006.11
cg18076124	1.31E-15	4.16E-17	-9.24	27.9732897	-1.39E-01	57204141	57204264	NC_000003.11
cg21673010	1.31E-15	4.16E-17	-9.24	27.9732442	-8.46E-02	125425518	125425641	NC_000012.11
cg11201177	1.31E-15	4.16E-17	-9.24	27.973015	-1.88E-01	2961805	2961928	NC_000011.9
cg18382353	1.32E-15	4.19E-17	-9.24	27.9664594	-2.43E-01	45495981	45496104	NC_000010.10
cg00734567	1.33E-15	4.22E-17	-9.24	27.9588137	-1.25E-01	86172782	86172905	NC_000001.10
cg13854219	1.33E-15	4.22E-17	-9.24	27.9580007	-2.06E-01	101757037	101757160	NC_000001.10
cg08178956	1.33E-15	4.23E-17	-9.24	27.9569084	-1.89E-01	42345201	42345324	NC_000002.11
cg11374871	1.34E-15	4.24E-17	-9.24	27.9531708	-7.13E-02	26785513	26785636	NC_000002.11
ch.19.1787100F	1.34E-15	4.27E-17	-9.24	27.9475376	-5.76E-02	54635630	54635753	NC_000019.9
cg04793090	1.35E-15	4.29E-17	-9.24	27.9424566	-5.20E-02	128903277	128903400	NC_000003.11
cg12944183	1.35E-15	4.30E-17	-9.24	27.9391864	-1.85E-01	104073931	104074054	NC_000014.8
cg12740037	1.36E-15	4.31E-17	-9.24	27.937171	-2.10E-01	100891257	100891380	NC_000015.9
cg07414961	1.36E-15	4.34E-17	-9.24	27.9318405	-3.15E-02	70587753	70587876	NC_000017.10
cg22608655	1.37E-15	4.35E-17	-9.24	27.9296062	-1.15E-01	154933512	154933635	NC_000001.10
cg11802469	1.37E-15	4.36E-17	-9.24	27.9261706	-8.84E-02	84743086	84743209	NC_000006.11
cg07177395	1.37E-15	4.37E-17	-9.24	27.9247014	-2.07E-01	79968686	79968809	NC_000014.8
cg13703584	1.37E-15	4.37E-17	-9.24	27.9238195	-8.54E-02	64059916	64060039	NC_000011.9
cg24428040	1.37E-15	4.38E-17	-9.24	27.9219417	-1.43E-01	72969293	72969416	NC_000017.10
cg02768671	1.38E-15	4.38E-17	-9.24	27.9215814	-1.58E-01	169470822	169470945	NC_000006.11
cg27409401	1.38E-15	4.39E-17	-9.23	27.9186326	-1.41E-01	614852	614975	NC_000016.9
cg00234261	1.38E-15	4.40E-17	-9.23	27.9166849	-1.64E-01	151106082	151106205	NC_000007.13
cg00647859	1.39E-15	4.42E-17	-9.23	27.9117257	-2.31E-01	185534625	185534748	NC_000001.10
cg13762691	1.39E-15	4.43E-17	-9.23	27.9111723	-1.50E-01	17956560	17956683	NC_000022.10

cg05824936	1.39E-15	4.44E-17	-9.23	27.9088145	-1.13E-01	1134909	1135032	NC_000017.10
cg20513418	1.39E-15	4.44E-17	-9.23	27.9076931	-2.66E-01	131457460	131457583	NC_000008.10
cg17946995	1.39E-15	4.44E-17	-9.23	27.9075555	-8.35E-02	113796032	113796155	NC_000012.11
cg18552520	1.40E-15	4.48E-17	-9.23	27.8998985	-1.23E-01	192746489	192746612	NC_000002.11
cg16224018	1.40E-15	4.48E-17	-9.23	27.8987075	-8.72E-02	124069324	124069447	NC_000012.11
cg03277652	1.41E-15	4.50E-17	-9.23	27.895	-7.22E-02	142011117	142011240	NC_000008.10
cg11061343	1.41E-15	4.50E-17	-9.23	27.8941575	-1.89E-01	73993843	73993966	NC_000017.10
cg06794253	1.41E-15	4.52E-17	-9.23	27.891388	-1.49E-01	22668658	22668781	NC_000001.10
cg12173498	1.41E-15	4.52E-17	-9.23	27.8913063	-6.89E-02	36355764	36355887	NC_000006.11
cg25054907	1.41E-15	4.52E-17	-9.23	27.8909687	-2.19E-01	61553954	61554077	NC_000017.10
cg08269900	1.42E-15	4.53E-17	-9.23	27.8889703	-6.81E-02	126565042	126565165	NC_000005.9
cg15553155	1.42E-15	4.53E-17	-9.23	27.8881825	-1.72E-01	6649176	6649299	NC_000006.11
cg00913954	1.42E-15	4.53E-17	-9.23	27.8873207	-1.93E-01	36852956	36853079	NC_000001.10
cg04011253	1.42E-15	4.54E-17	-9.23	27.8856457	-1.74E-01	129685613	129685736	NC_000011.9
ch.17.1131311F	1.42E-15	4.55E-17	-9.23	27.8838843	-6.39E-02	41573041	41573164	NC_000017.10
cg24659758	1.43E-15	4.56E-17	-9.23	27.8821724	-1.76E-01	71891123	71891246	NC_000010.10
cg07716663	1.43E-15	4.57E-17	-9.23	27.8801158	-1.84E-01	42636625	42636748	NC_000019.9
cg16773677	1.43E-15	4.57E-17	-9.23	27.8791514	-1.32E-01	65635328	65635451	NC_000007.13
cg00625783	1.43E-15	4.58E-17	-9.23	27.8778235	-8.77E-02	43222106	43222229	NC_000017.10
cg21513352	1.43E-15	4.58E-17	-9.23	27.8766725	-1.73E-01	85553841	85553964	NC_000002.11
cg05657292	1.44E-15	4.59E-17	-9.23	27.8747846	-1.30E-01	17980996	17981119	NC_000022.10
ch.3.2442921F	1.45E-15	4.63E-17	-9.23	27.8676313	-1.15E-01	124726246	124726369	NC_000003.11
cg06434451	1.45E-15	4.63E-17	-9.23	27.8669212	-1.45E-01	32802291	32802414	NC_000001.10
cg00387964	1.45E-15	4.65E-17	-9.23	27.8634412	-2.42E-01	7651935	7652058	NC_000004.11
cg26366554	1.45E-15	4.65E-17	-9.23	27.861777	-1.84E-01	138610113	138610236	NC_000006.11

cg23934700	1.45E-15	4.66E-17	-9.23	27.8612075	-2.28E-01	105126697	105126820	NC_000014.8
cg05597349	1.46E-15	4.66E-17	-9.23	27.8594956	-1.50E-01	102882978	102883101	NC_000010.10
cg08059845	1.46E-15	4.68E-17	-9.23	27.8564795	-6.63E-02	50015975	50016098	NC_000019.9
cg14036828	1.46E-15	4.68E-17	-9.23	27.8555597	-1.49E-01	109816201	109816324	NC_000001.10
cg06552563	1.46E-15	4.69E-17	-9.23	27.8549172	-1.83E-01	89632749	89632872	NC_000016.9
cg05793240	1.46E-15	4.69E-17	-9.23	27.8547679	-1.62E-01	2802953	2803076	NC_000007.13
cg17779002	1.47E-15	4.69E-17	-9.22	27.8532684	-2.26E-01	145129278	145129401	NC_000008.10
cg16240816	1.47E-15	4.70E-17	-9.22	27.8526807	-1.95E-01	65861662	65861785	NC_000002.11
cg09120877	1.47E-15	4.71E-17	-9.22	27.8492931	-1.67E-01	147721261	147721384	NC_000001.10
cg13887966	1.47E-15	4.71E-17	-9.22	27.8490066	-2.24E-01	59568712	59568835	NC_000015.9
ch.3.2456622F	1.48E-15	4.73E-17	-9.22	27.8457212	-8.13E-02	125269750	125269873	NC_000003.11
cg03781727	1.48E-15	4.74E-17	-9.22	27.8436447	-2.26E-01	22007540	22007663	NC_000007.13
cg07730673	1.48E-15	4.74E-17	-9.22	27.8433771	-1.41E-01	196438540	196438663	NC_000003.11
cg16564525	1.49E-15	4.78E-17	-9.22	27.8343682	-1.28E-01	156561143	156561266	NC_000001.10
cg17082856	1.49E-15	4.79E-17	-9.22	27.8334665	-2.54E-01	65303710	65303833	NC_000002.11
cg03206044	1.50E-15	4.80E-17	-9.22	27.8307512	-1.92E-01	148657866	148657989	NC_000004.11
cg07381778	1.50E-15	4.80E-17	-9.22	27.830406	-4.97E-02	41786692	41786815	NC_000015.9
cg01119452	1.50E-15	4.81E-17	-9.22	27.8291311	-2.12E-01	37287850	37287973	NC_000007.13
cg19901523	1.50E-15	4.82E-17	-9.22	27.827403	-1.90E-01	107253273	107253396	NC_000014.8
cg07775147	1.50E-15	4.82E-17	-9.22	27.8271902	-2.19E-01	133101495	133101618	NC_000012.11
cg21840434	1.51E-15	4.83E-17	-9.22	27.8239781	-1.66E-01	79297210	79297333	NC_000015.9
cg27139419	1.51E-15	4.85E-17	-9.22	27.8214367	-2.42E-01	99212404	99212527	NC_000015.9
cg01122251	1.52E-15	4.87E-17	-9.22	27.81777	-6.18E-02	14995625	14995748	NC_000010.10
cg23925650	1.52E-15	4.88E-17	-9.22	27.8157366	-1.15E-01	77507461	77507584	NC_000014.8
cg02503763	1.52E-15	4.89E-17	-9.22	27.8122024	-1.70E-01	127542386	127542509	NC_000003.11

cg09456289	1.54E-15	4.93E-17	-9.22	27.80365	-2.17E-01	43038399	43038522	NC_000002.11
cg05110391	1.54E-15	4.94E-17	-9.22	27.8025672	-1.99E-01	76588634	76588757	NC_000017.10
cg07488141	1.54E-15	4.95E-17	-9.22	27.8013598	-2.17E-01	47560215	47560338	NC_000007.13
cg08729279	1.54E-15	4.95E-17	-9.22	27.8000324	-2.41E-01	216708378	216708501	NC_000002.11
cg23355992	1.54E-15	4.96E-17	-9.22	27.7976479	-1.28E-01	48998616	48998739	NC_000020.10
cg00036347	1.55E-15	5.00E-17	-9.22	27.7916205	-1.97E-01	151811923	151812046	NC_000001.10
cg27481708	1.56E-15	5.00E-17	-9.22	27.7905792	-1.77E-01	37659837	37659960	NC_000008.10
cg21235823	1.56E-15	5.01E-17	-9.21	27.7888023	-1.16E-01	93260203	93260326	NC_000014.8
ch.7.137597056R	1.56E-15	5.01E-17	-9.21	27.7886269	-4.22E-02	137946516	137946639	NC_000007.13
cg13522882	1.56E-15	5.01E-17	-9.21	27.7884353	-1.63E-01	102316496	102316619	NC_000002.11
cg20749059	1.57E-15	5.04E-17	-9.21	27.7821796	-1.71E-01	57094404	57094527	NC_000003.11
cg09558427	1.57E-15	5.04E-17	-9.21	27.7819349	-3.10E-02	45985705	45985828	NC_000020.10
cg07458712	1.57E-15	5.06E-17	-9.21	27.7784242	-8.88E-02	1769731	1769854	NC_000004.11
cg00665114	1.58E-15	5.07E-17	-9.21	27.7760709	-2.15E-01	175403347	175403470	NC_000001.10
cg02602699	1.58E-15	5.08E-17	-9.21	27.775926	-9.51E-02	235235	235358	NC_000017.10
cg03491895	1.58E-15	5.10E-17	-9.21	27.7719471	-1.72E-01	213587996	213588119	NC_000002.11
cg21439129	1.58E-15	5.10E-17	-9.21	27.7714773	-1.56E-01	72844212	72844335	NC_000007.13
ch.3.3303606F	1.59E-15	5.10E-17	-9.21	27.7706171	-8.07E-02	169994002	169994125	NC_000003.11
cg00263677	1.59E-15	5.11E-17	-9.21	27.7696994	-2.49E-01	84885230	84885353	NC_000016.9
cg20111980	1.59E-15	5.11E-17	-9.21	27.7688808	-1.42E-01	6676796	6676919	NC_000004.11
cg11531272	1.59E-15	5.12E-17	-9.21	27.7664434	-2.35E-01	21934679	21934802	NC_000001.10
cg05606039	1.59E-15	5.13E-17	-9.21	27.7648205	-5.27E-02	73511506	73511629	NC_000017.10
cg13825574	1.59E-15	5.14E-17	-9.21	27.7639925	-1.29E-01	140117257	140117380	NC_000009.11
cg04358685	1.60E-15	5.15E-17	-9.21	27.7621431	-6.82E-02	12598421	12598544	NC_000003.11
ch.19.16251119F	1.60E-15	5.15E-17	-9.21	27.7606396	-5.26E-02	16390119	16390242	NC_000019.9



cg17818196	1.60E-15	5.16E-17	-9.21	27.7593019	-5.27E-02	63336009	63336132	NC_000015.9
cg16326998	1.60E-15	5.16E-17	-9.21	27.758792	-8.98E-02	5553266	5553389	NC_000007.13
cg17942666	1.62E-15	5.23E-17	-9.21	27.7456774	-2.23E-01	59415548	59415671	NC_000017.10
ch.1.2582316R	1.63E-15	5.26E-17	-9.21	27.7410261	-5.96E-02	109957975	109958098	NC_000001.10
cg16800111	1.63E-15	5.27E-17	-9.21	27.7391294	-1.34E-01	105293760	105293883	NC_000014.8
cg01330280	1.64E-15	5.29E-17	-9.21	27.7348077	-1.36E-01	27776566	27776689	NC_000006.11
cg00255699	1.64E-15	5.29E-17	-9.21	27.7342262	-1.74E-01	40307257	40307380	NC_000001.10
cg12731325	1.65E-15	5.33E-17	-9.21	27.7273544	-1.45E-01	7671330	7671453	NC_000017.10
cg24230340	1.65E-15	5.33E-17	-9.21	27.7269527	-8.28E-02	74758080	74758203	NC_000002.11
cg09560549	1.65E-15	5.34E-17	-9.21	27.7260719	-2.11E-01	89573369	89573492	NC_000016.9
cg06099014	1.66E-15	5.35E-17	-9.2	27.7238084	-1.78E-01	43786627	43786750	NC_000021.8
cg13401301	1.67E-15	5.38E-17	-9.2	27.718588	-1.91E-01	134132080	134132203	NC_000009.11
cg10551058	1.67E-15	5.38E-17	-9.2	27.7180293	-1.05E-01	123324826	123324949	NC_000012.11
cg27385959	1.68E-15	5.41E-17	-9.2	27.7125551	-1.74E-01	51523889	51524012	NC_000019.9
cg13984040	1.68E-15	5.41E-17	-9.2	27.7120598	-2.15E-01	125258948	125259071	NC_000012.11
cg00690609	1.68E-15	5.41E-17	-9.2	27.7119113	-1.15E-01	72218900	72219023	NC_000010.10
cg01060358	1.68E-15	5.42E-17	-9.2	27.7103208	-5.92E-02	51483867	51483990	NC_000013.10
cg16705300	1.70E-15	5.48E-17	-9.2	27.6998851	-1.83E-01	149096884	149097007	NC_000003.11
cg09537553	1.70E-15	5.49E-17	-9.2	27.6990205	-2.11E-01	962492	962615	NC_000007.13
cg03509329	1.70E-15	5.49E-17	-9.2	27.6989682	-1.41E-01	24520788	24520911	NC_000014.8
cg01008256	1.70E-15	5.49E-17	-9.2	27.6978869	-1.33E-01	100463985	100464108	NC_000007.13
cg19573198	1.70E-15	5.51E-17	-9.2	27.6953667	-7.57E-02	54476240	54476363	NC_000012.11
cg19440734	1.70E-15	5.51E-17	-9.2	27.6949691	-2.15E-01	48264753	48264876	NC_000003.11
cg16986921	1.71E-15	5.53E-17	-9.2	27.6907966	-5.88E-02	95753828	95753951	NC_000010.10
cg06015525	1.71E-15	5.53E-17	-9.2	27.6907674	-1.52E-01	57872123	57872246	NC_000012.11

cg25314624	1.71E-15	5.54E-17	-9.2	27.6892644	-2.02E-01	95256917	95257040	NC_000010.10
cg01767053	1.71E-15	5.54E-17	-9.2	27.6884904	-2.33E-01	85678884	85679007	NC_000016.9
cg21749091	1.72E-15	5.55E-17	-9.2	27.6878097	-9.16E-02	49338493	49338616	NC_000017.10
cg25494395	1.72E-15	5.55E-17	-9.2	27.6870051	-1.13E-01	180034939	180035062	NC_000005.9
cg19610615	1.73E-15	5.58E-17	-9.2	27.6818626	-1.99E-01	78446340	78446463	NC_000014.8
cg01702055	1.73E-15	5.58E-17	-9.2	27.6812153	-2.68E-01	13303065	13303188	NC_000006.11
cg15078013	1.73E-15	5.61E-17	-9.2	27.6767863	-4.77E-02	45496216	45496339	NC_000010.10
cg16761550	1.74E-15	5.64E-17	-9.2	27.6711057	-8.67E-02	3029823	3029946	NC_000016.9
cg04911139	1.75E-15	5.67E-17	-9.2	27.6654571	-2.69E-01	25871790	25871913	NC_000017.10
cg09390594	1.76E-15	5.69E-17	-9.2	27.6624996	-1.20E-01	62028791	62028914	NC_000014.8
cg08064261	1.77E-15	5.72E-17	-9.19	27.6571576	-8.42E-02	41946035	41946158	NC_000019.9
cg12390344	1.77E-15	5.72E-17	-9.19	27.65687	-1.31E-01	21270348	21270471	NC_000018.9
cg10596692	1.77E-15	5.73E-17	-9.19	27.656658	-1.59E-01	10633457	10633580	NC_000006.11
cg09369124	1.77E-15	5.73E-17	-9.19	27.6560314	-1.50E-01	89650950	89651073	NC_000016.9
cg22708944	1.77E-15	5.74E-17	-9.19	27.6547802	-1.85E-01	74164906	74165029	NC_000015.9
cg20870885	1.77E-15	5.74E-17	-9.19	27.6546564	-9.27E-02	122043074	122043197	NC_000002.11
cg19879479	1.77E-15	5.74E-17	-9.19	27.6545156	-7.26E-02	80246572	80246695	NC_000006.11
cg27388587	1.77E-15	5.74E-17	-9.19	27.6540056	-1.68E-01	97763993	97764116	NC_000002.11
cg21509105	1.77E-15	5.74E-17	-9.19	27.6536848	-1.39E-01	151555029	151555152	NC_000003.11
cg19267254	1.77E-15	5.75E-17	-9.19	27.6531441	-1.91E-01	15828075	15828198	NC_000001.10
cg10625247	1.77E-15	5.75E-17	-9.19	27.6529675	-2.16E-01	221063983	221064106	NC_000002.11
cg15572436	1.78E-15	5.77E-17	-9.19	27.6493751	-1.40E-01	62767169	62767292	NC_000011.9
cg24629380	1.78E-15	5.77E-17	-9.19	27.648183	-2.16E-01	116214059	116214182	NC_000001.10
cg23619910	1.79E-15	5.79E-17	-9.19	27.6449928	-1.30E-01	10477452	10477575	NC_000011.9
ch.10.410979F	1.79E-15	5.80E-17	-9.19	27.6436786	-8.70E-02	14166253	14166376	NC_000010.10

cg22762189	1.79E-15	5.80E-17	-9.19	27.6436259	-1.70E-01	17996994	17997117	NC_000002.11
cg27187881	1.79E-15	5.81E-17	-9.19	27.6413554	-6.60E-02	42466345	42466468	NC_000022.10
cg26971420	1.79E-15	5.82E-17	-9.19	27.640751	-2.24E-01	38085230	38085353	NC_000017.10
cg15518950	1.79E-15	5.82E-17	-9.19	27.6399674	-2.06E-01	72415770	72415893	NC_000005.9
cg09215282	1.79E-15	5.82E-17	-9.19	27.6396371	-1.48E-01	811744	811867	NC_000016.9
cg09115275	1.80E-15	5.84E-17	-9.19	27.6364067	-1.10E-01	6093271	6093394	NC_000010.10
cg08475827	1.80E-15	5.84E-17	-9.19	27.6362769	-7.39E-02	152266230	152266353	NC_000002.11
cg06574229	1.80E-15	5.84E-17	-9.19	27.6362655	-1.72E-01	140064863	140064986	NC_000009.11
cg04780086	1.81E-15	5.89E-17	-9.19	27.6288124	-1.71E-01	111875790	111875913	NC_000002.11
cg24940967	1.81E-15	5.89E-17	-9.19	27.6287216	-1.97E-01	45837197	45837320	NC_000003.11
cg22198603	1.82E-15	5.90E-17	-9.19	27.6276711	-2.17E-01	38230110	38230233	NC_000006.11
cg00273863	1.82E-15	5.90E-17	-9.19	27.6265705	-1.45E-01	31743961	31744084	NC_000006.11
cg04245131	1.82E-15	5.92E-17	-9.19	27.624164	-1.43E-01	235133338	235133461	NC_000001.10
cg16577356	1.82E-15	5.93E-17	-9.19	27.6225325	-2.04E-01	53600006	53600129	NC_000006.11
cg03082060	1.83E-15	5.94E-17	-9.19	27.619651	-1.57E-01	236680224	236680347	NC_000001.10
cg14391855	1.83E-15	5.95E-17	-9.19	27.617841	-1.86E-01	66104174	66104297	NC_000011.9
cg07773593	1.83E-15	5.96E-17	-9.19	27.6174247	-1.64E-01	45417793	45417916	NC_000019.9
cg21888214	1.83E-15	5.96E-17	-9.19	27.6164441	-1.26E-01	200992283	200992406	NC_000001.10
cg06939851	1.83E-15	5.96E-17	-9.19	27.6162903	-1.67E-01	226112534	226112657	NC_000001.10
cg16067628	1.84E-15	5.99E-17	-9.19	27.6119465	-1.83E-01	79109808	79109931	NC_000017.10
cg05556361	1.84E-15	5.99E-17	-9.19	27.6118617	-2.12E-01	93097402	93097525	NC_000008.10
ch.1.171672612F	1.85E-15	6.02E-17	-9.19	27.6062699	-1.23E-01	173405989	173406112	NC_000001.10
cg11203211	1.85E-15	6.03E-17	-9.19	27.6059921	-2.01E-01	144301594	144301717	NC_000008.10
cg15437528	1.86E-15	6.04E-17	-9.19	27.6035446	-5.42E-02	72427628	72427751	NC_000017.10
cg05107361	1.86E-15	6.04E-17	-9.19	27.6035273	-7.66E-02	91884912	91885035	NC_000014.8

cg06267075	1.86E-15	6.06E-17	-9.19	27.6006782	-2.15E-01	69092182	69092305	NC_000016.9
cg13223721	1.86E-15	6.06E-17	-9.19	27.6004817	-1.76E-01	131720532	131720655	NC_000007.13
cg24327307	1.86E-15	6.07E-17	-9.19	27.5991175	-1.38E-01	54753071	54753194	NC_000001.10
cg07986257	1.87E-15	6.07E-17	-9.19	27.5983957	-2.00E-01	22321172	22321295	NC_000006.11
cg05462328	1.87E-15	6.08E-17	-9.18	27.5966229	-4.83E-02	172963910	172964033	NC_000002.11
cg07794367	1.87E-15	6.10E-17	-9.18	27.5936651	-1.18E-01	13107052	13107175	NC_000016.9
cg00852245	1.88E-15	6.10E-17	-9.18	27.5932472	-1.20E-01	43129800	43129923	NC_000017.10
cg20889322	1.88E-15	6.11E-17	-9.18	27.5928046	-1.31E-01	65196622	65196745	NC_000011.9
cg03802231	1.89E-15	6.15E-17	-9.18	27.5860779	-6.08E-02	42911648	42911771	NC_000008.10
cg00980784	1.89E-15	6.16E-17	-9.18	27.5842017	-1.65E-01	47287577	47287700	NC_000017.10
cg20271511	1.89E-15	6.16E-17	-9.18	27.5839928	-2.02E-01	17566989	17567112	NC_000022.10
cg24733497	1.89E-15	6.16E-17	-9.18	27.5836367	-7.99E-02	50356079	50356202	NC_000022.10
cg17616283	1.89E-15	6.17E-17	-9.18	27.5828918	-1.51E-01	65635258	65635381	NC_000011.9
cg11426563	1.90E-15	6.18E-17	-9.18	27.5816416	-9.41E-02	74020802	74020925	NC_000007.13
cg12487464	1.90E-15	6.18E-17	-9.18	27.5815741	-2.84E-02	38218943	38219066	NC_000017.10
cg04526361	1.90E-15	6.18E-17	-9.18	27.5810502	-1.97E-01	22007577	22007700	NC_000007.13
cg02932689	1.90E-15	6.18E-17	-9.18	27.5805685	-3.94E-02	87425223	87425346	NC_000016.9
cg16481365	1.91E-15	6.21E-17	-9.18	27.5761001	-1.57E-01	105554352	105554475	NC_000014.8
cg16015593	1.91E-15	6.22E-17	-9.18	27.5748957	-2.01E-01	51794932	51795055	NC_000014.8
cg27492584	1.91E-15	6.22E-17	-9.18	27.5740947	-1.53E-01	70599307	70599430	NC_000017.10
cg27270412	1.91E-15	6.22E-17	-9.18	27.5740021	-2.10E-01	33622332	33622455	NC_000010.10
cg05243438	1.94E-15	6.32E-17	-9.18	27.5582537	-1.26E-01	113265611	113265734	NC_000001.10
cg22844232	1.94E-15	6.33E-17	-9.18	27.5568973	-1.13E-01	193776047	193776170	NC_000003.11
cg20004634	1.94E-15	6.33E-17	-9.18	27.5567404	-8.22E-02	21399591	21399714	NC_000022.10
cg24659037	1.95E-15	6.36E-17	-9.18	27.5519459	-2.47E-01	168064901	168065024	NC_000006.11

cg26271591	1.95E-15	6.38E-17	-9.18	27.5495381	-1.85E-01	178125956	178126079	NC_000002.11
cg11916054	1.96E-15	6.41E-17	-9.18	27.5454166	-1.79E-01	177423311	177423434	NC_000005.9
cg04384689	1.96E-15	6.41E-17	-9.18	27.5453158	-2.07E-01	44039689	44039812	NC_000006.11
cg13985198	1.96E-15	6.41E-17	-9.18	27.5447213	-1.24E-01	45242073	45242196	NC_000001.10
cg13293729	1.96E-15	6.41E-17	-9.18	27.5441697	-1.45E-01	28911902	28912025	NC_000006.11
cg13569051	1.97E-15	6.43E-17	-9.18	27.542278	-1.86E-01	124051703	124051826	NC_000009.11
cg05310920	1.97E-15	6.43E-17	-9.18	27.5413679	-7.03E-02	150186634	150186757	NC_000002.11
cg04602939	1.97E-15	6.44E-17	-9.18	27.5401942	-2.01E-01	62184207	62184330	NC_000020.10
cg06885175	1.97E-15	6.45E-17	-9.18	27.5393416	-1.58E-01	25788879	25789002	NC_000006.11
cg13892257	1.97E-15	6.45E-17	-9.18	27.5379878	-2.02E-01	86313941	86314064	NC_000015.9
cg25621096	1.98E-15	6.46E-17	-9.18	27.5363734	-6.77E-02	151032116	151032239	NC_000001.10
ch.13.650435R	1.98E-15	6.47E-17	-9.18	27.5352609	-7.16E-02	48581080	48581203	NC_000013.10
cg19707677	1.98E-15	6.48E-17	-9.18	27.5343004	-2.04E-01	207271346	207271469	NC_000001.10
cg13687834	1.98E-15	6.48E-17	-9.18	27.5341843	-1.35E-01	3514783	3514906	NC_000010.10
cg22720029	1.99E-15	6.50E-17	-9.17	27.5304974	-8.93E-02	32058579	32058702	NC_000022.10
cg27184903	1.99E-15	6.52E-17	-9.17	27.5276776	-1.43E-01	29285727	29285850	NC_000015.9
cg16340618	2.00E-15	6.55E-17	-9.17	27.5235544	-5.51E-02	55104628	55104751	NC_000018.9
cg11696165	2.00E-15	6.55E-17	-9.17	27.5229013	-1.74E-01	120663824	120663947	NC_000012.11
cg04800715	2.00E-15	6.56E-17	-9.17	27.5223644	-9.08E-02	29826926	29827049	NC_000016.9
cg02097203	2.02E-15	6.60E-17	-9.17	27.5153119	-2.00E-01	2548282	2548405	NC_000011.9
cg05212465	2.02E-15	6.61E-17	-9.17	27.5147272	-1.11E-01	158253572	158253695	NC_000006.11
cg26411522	2.02E-15	6.62E-17	-9.17	27.512929	-1.51E-01	8403712	8403835	NC_000001.10
cg07162085	2.02E-15	6.62E-17	-9.17	27.5126554	-1.79E-01	95751894	95752017	NC_000010.10
cg12281620	2.02E-15	6.63E-17	-9.17	27.510846	-1.42E-01	2525290	2525413	NC_000019.9
cg13753946	2.03E-15	6.64E-17	-9.17	27.5102077	-2.08E-01	61040773	61040896	NC_000017.10

cg11860005	2.03E-15	6.64E-17	-9.17	27.5095656	-1.73E-01	32149125	32149248	NC_000022.10
cg04022194	2.03E-15	6.67E-17	-9.17	27.5061355	-1.53E-01	8317995	8318118	NC_000004.11
cg04770813	2.04E-15	6.69E-17	-9.17	27.502543	-5.81E-02	33160297	33160420	NC_000006.11
cg15169121	2.05E-15	6.73E-17	-9.17	27.497096	-1.62E-01	177534417	177534540	NC_000002.11
cg20908204	2.05E-15	6.73E-17	-9.17	27.4968382	-9.91E-02	46285434	46285557	NC_000019.9
cg10037049	2.05E-15	6.74E-17	-9.17	27.4957774	-2.23E-01	48276633	48276756	NC_000012.11
cg00320862	2.05E-15	6.74E-17	-9.17	27.4955554	-4.00E-02	170588302	170588425	NC_000003.11
cg15427004	2.06E-15	6.74E-17	-9.17	27.4944996	-4.57E-02	38179858	38179981	NC_000003.11
cg04585787	2.06E-15	6.75E-17	-9.17	27.4934112	-1.43E-01	241235366	241235489	NC_000002.11
cg18222590	2.06E-15	6.75E-17	-9.17	27.4929577	-1.60E-01	204290972	204291095	NC_000001.10
cg15704408	2.07E-15	6.78E-17	-9.17	27.4898165	-1.84E-01	77245548	77245671	NC_000018.9
cg05664039	2.07E-15	6.78E-17	-9.17	27.4886491	-2.18E-01	30131755	30131878	NC_000006.11
cg03216580	2.07E-15	6.80E-17	-9.17	27.4856786	-1.28E-01	3818357	3818480	NC_000010.10
cg18787478	2.07E-15	6.81E-17	-9.17	27.4847166	-3.91E-02	42950995	42951118	NC_000005.9
cg25171685	2.08E-15	6.82E-17	-9.17	27.482788	-1.43E-01	63334355	63334478	NC_000015.9
cg22219089	2.08E-15	6.83E-17	-9.17	27.4815374	-2.04E-01	187071162	187071285	NC_000004.11
ch.15.1197129R	2.08E-15	6.84E-17	-9.17	27.4799909	-1.10E-01	74874974	74875097	NC_000015.9
cg19104757	2.09E-15	6.86E-17	-9.17	27.4782603	-1.82E-01	226563	226686	NC_000007.13
cg05781996	2.11E-15	6.92E-17	-9.16	27.4687786	-2.01E-01	65481537	65481660	NC_000015.9
cg22732126	2.11E-15	6.93E-17	-9.16	27.4678039	-1.62E-01	4993033	4993156	NC_000004.11
cg00537837	2.11E-15	6.94E-17	-9.16	27.466171	-1.98E-01	85363209	85363332	NC_000016.9
cg13552742	2.11E-15	6.94E-17	-9.16	27.4659302	-1.32E-01	77229061	77229184	NC_000014.8
cg08352268	2.12E-15	6.95E-17	-9.16	27.464154	-1.32E-01	6947337	6947460	NC_000017.10
cg18477949	2.12E-15	6.98E-17	-9.16	27.4603102	-1.76E-01	69760994	69761117	NC_000015.9
cg09851528	2.13E-15	6.99E-17	-9.16	27.4589631	-1.45E-01	117778029	117778152	NC_000011.9

cg16274098	2.13E-15	7.02E-17	-9.16	27.4552115	-4.97E-02	92053265	92053388	NC_000008.10
cg12610519	2.13E-15	7.02E-17	-9.16	27.454543	-7.81E-02	16494002	16494125	NC_000001.10
cg13495235	2.15E-15	7.06E-17	-9.16	27.4492113	-5.09E-02	34379714	34379837	NC_000009.11
cg16567815	2.16E-15	7.09E-17	-9.16	27.4445005	-8.52E-02	1386887	1387010	NC_000005.9
cg12027068	2.17E-15	7.15E-17	-9.16	27.4371509	-1.57E-01	159176057	159176180	NC_000003.11
cg23681339	2.17E-15	7.16E-17	-9.16	27.4350121	-1.94E-01	133065808	133065931	NC_000012.11
cg10582648	2.18E-15	7.19E-17	-9.16	27.4311054	-1.02E-01	19283761	19283884	NC_000001.10
cg20539142	2.18E-15	7.20E-17	-9.16	27.4303161	-1.95E-01	42623718	42623841	NC_000008.10
cg13786863	2.19E-15	7.20E-17	-9.16	27.4299546	-2.84E-01	68610743	68610866	NC_000011.9
cg06858559	2.19E-15	7.21E-17	-9.16	27.4290747	-1.31E-01	9291773	9291896	NC_000003.11
cg18879828	2.20E-15	7.25E-17	-9.16	27.4231783	-1.66E-01	46942432	46942555	NC_000011.9
cg07804749	2.20E-15	7.26E-17	-9.16	27.4222386	-1.68E-01	12610104	12610227	NC_000001.10
cg04582424	2.20E-15	7.27E-17	-9.16	27.4208202	-8.20E-02	203764710	203764833	NC_000001.10
cg22482700	2.22E-15	7.30E-17	-9.16	27.4157894	-1.98E-01	68594186	68594309	NC_000001.10
cg05789714	2.22E-15	7.30E-17	-9.16	27.4157631	-5.72E-02	74178462	74178585	NC_000011.9
cg16673929	2.22E-15	7.31E-17	-9.16	27.4150764	-1.63E-01	13134830	13134953	NC_000019.9
cg03069383	2.22E-15	7.31E-17	-9.16	27.414632	-7.15E-02	18741691	18741814	NC_000002.11
cg10409560	2.22E-15	7.33E-17	-9.16	27.4122989	-1.83E-01	76481299	76481422	NC_000004.11
cg15657686	2.22E-15	7.33E-17	-9.16	27.4120814	-7.85E-02	37978666	37978789	NC_000004.11
cg27205941	2.23E-15	7.34E-17	-9.16	27.4108066	-9.62E-02	2245854	2245977	NC_000006.11
cg00004421	2.23E-15	7.36E-17	-9.16	27.4075378	-2.33E-01	7475079	7475202	NC_000017.10
cg18422268	2.24E-15	7.40E-17	-9.15	27.4030767	-1.99E-01	66274767	66274890	NC_000015.9
cg14327296	2.24E-15	7.40E-17	-9.15	27.4026493	-1.30E-01	101051064	101051187	NC_000014.8
cg19717193	2.24E-15	7.41E-17	-9.15	27.401972	-3.57E-02	105162577	105162700	NC_000007.13
cg26110898	2.24E-15	7.41E-17	-9.15	27.4019062	-8.82E-02	58419937	58420060	NC_000003.11

cg00019654	2.25E-15	7.41E-17	-9.15	27.4010779	-1.92E-01	82148289	82148412	NC_000014.8
cg01923775	2.25E-15	7.41E-17	-9.15	27.400961	-2.21E-01	169687969	169688092	NC_000004.11
cg00148825	2.25E-15	7.44E-17	-9.15	27.3972679	-7.65E-02	124427195	124427318	NC_000004.11
cg23202253	2.26E-15	7.45E-17	-9.15	27.3956441	-2.19E-01	26902211	26902334	NC_000012.11
cg00293245	2.26E-15	7.47E-17	-9.15	27.3928431	-1.62E-01	94884652	94884775	NC_000011.9
cg15983109	2.27E-15	7.50E-17	-9.15	27.3894683	-4.20E-02	68880714	68880837	NC_000002.11
cg04629204	2.27E-15	7.51E-17	-9.15	27.3883487	-1.46E-01	26348325	26348448	NC_000001.10
cg04517323	2.28E-15	7.53E-17	-9.15	27.3853413	-1.48E-01	98788873	98788996	NC_000008.10
cg23525500	2.28E-15	7.53E-17	-9.15	27.3850569	-1.36E-01	33083886	33084009	NC_000017.10
cg24082880	2.29E-15	7.57E-17	-9.15	27.379875	-1.66E-01	119496816	119496939	NC_000002.11
cg16109381	2.29E-15	7.58E-17	-9.15	27.3790363	-1.92E-01	34339800	34339923	NC_000015.9
cg07572930	2.29E-15	7.58E-17	-9.15	27.3783677	-1.84E-01	81527107	81527230	NC_000016.9
cg22704780	2.29E-15	7.59E-17	-9.15	27.3782003	-1.51E-01	42916673	42916796	NC_000019.9
cg15975980	2.30E-15	7.59E-17	-9.15	27.3774899	-1.98E-01	151101020	151101143	NC_000007.13
cg23451221	2.30E-15	7.60E-17	-9.15	27.3764104	-1.21E-01	135160726	135160849	NC_000010.10
cg03753936	2.30E-15	7.62E-17	-9.15	27.3731717	-1.95E-01	64736754	64736877	NC_000011.9
cg21847393	2.31E-15	7.63E-17	-9.15	27.3725208	-1.65E-01	50383483	50383606	NC_000003.11
cg03264209	2.32E-15	7.68E-17	-9.15	27.3656287	-1.31E-01	3931885	3932008	NC_000016.9
cg03219657	2.32E-15	7.69E-17	-9.15	27.3643154	-1.64E-01	64981125	64981248	NC_000011.9
cg06761584	2.33E-15	7.72E-17	-9.15	27.3603668	-1.57E-01	128469799	128469922	NC_000007.13
cg25264101	2.34E-15	7.75E-17	-9.15	27.3570898	-1.65E-01	14064374	14064497	NC_000019.9
cg19735151	2.34E-15	7.76E-17	-9.15	27.3559633	-2.15E-01	31388636	31388759	NC_000010.10
cg01974549	2.34E-15	7.76E-17	-9.15	27.3555143	-1.84E-01	190151266	190151389	NC_000002.11
cg05538432	2.35E-15	7.78E-17	-9.15	27.352986	-2.10E-01	7167751	7167874	NC_000012.11
cg26546113	2.35E-15	7.80E-17	-9.15	27.350721	-2.05E-01	182810711	182810834	NC_000001.10



cg03015585	2.37E-15	7.87E-17	-9.15	27.3423139	-1.95E-01	43523322	43523445	NC_000022.10
cg12469001	2.39E-15	7.91E-17	-9.14	27.3371972	-1.30E-01	129650050	129650173	NC_000007.13
cg02511456	2.39E-15	7.91E-17	-9.14	27.336956	-1.73E-01	156801419	156801542	NC_000007.13
cg07492281	2.39E-15	7.93E-17	-9.14	27.3341587	-1.92E-01	966947	967070	NC_000007.13
cg13882046	2.40E-15	7.95E-17	-9.14	27.3312527	-1.74E-01	123485043	123485166	NC_000007.13
cg00579036	2.41E-15	8.00E-17	-9.14	27.3259712	-1.88E-01	25138551	25138674	NC_000006.11
cg12535109	2.42E-15	8.02E-17	-9.14	27.3227073	-2.44E-01	216708370	216708493	NC_000002.11
cg19534021	2.42E-15	8.04E-17	-9.14	27.3205986	-1.85E-01	16178091	16178214	NC_000019.9
cg04784724	2.42E-15	8.04E-17	-9.14	27.3200179	-1.60E-01	50464453	50464576	NC_000019.9
cg23105130	2.43E-15	8.06E-17	-9.14	27.3186605	-1.09E-01	144799022	144799145	NC_000008.10
cg16396191	2.43E-15	8.06E-17	-9.14	27.3184519	-2.57E-01	42184765	42184888	NC_000013.10
cg14264496	2.43E-15	8.08E-17	-9.14	27.3160266	-1.67E-01	3823918	3824041	NC_000001.10
cg11835512	2.44E-15	8.09E-17	-9.14	27.3149311	-3.81E-02	11266792	11266915	NC_000019.9
cg01987417	2.45E-15	8.14E-17	-9.14	27.3086988	-6.01E-02	105434159	105434282	NC_000014.8
cg18128976	2.45E-15	8.14E-17	-9.14	27.3082116	-1.79E-01	40355992	40356115	NC_000015.9
cg03596178	2.46E-15	8.18E-17	-9.14	27.3032582	-1.82E-01	76138514	76138637	NC_000017.10
cg05379350	2.47E-15	8.22E-17	-9.14	27.299162	-1.18E-01	27917157	27917280	NC_000017.10
cg17841099	2.47E-15	8.22E-17	-9.14	27.2988393	-7.10E-02	153940090	153940213	NC_000001.10
cg26403171	2.48E-15	8.26E-17	-9.14	27.2942886	-2.01E-01	148507714	148507837	NC_000005.9
cg27005906	2.50E-15	8.31E-17	-9.14	27.2885135	-1.74E-01	6540162	6540285	NC_000012.11
cg06085726	2.51E-15	8.34E-17	-9.14	27.2849107	-1.71E-01	6561043	6561166	NC_000001.10
cg25128781	2.51E-15	8.35E-17	-9.14	27.2832748	-1.79E-01	47597438	47597561	NC_000007.13
cg25522867	2.51E-15	8.36E-17	-9.14	27.2825019	-1.68E-01	34236648	34236771	NC_000011.9
cg12056210	2.52E-15	8.38E-17	-9.14	27.2801434	-1.48E-01	144330701	144330824	NC_000008.10
cg15819128	2.52E-15	8.38E-17	-9.14	27.2798441	-2.56E-01	238604020	238604143	NC_000002.11

cg26240842	2.52E-15	8.38E-17	-9.14	27.2796917	-8.08E-02	54704459	54704582	NC_000019.9
cg18815025	2.52E-15	8.38E-17	-9.14	27.2791008	-1.03E-01	85980731	85980854	NC_000002.11
cg24846573	2.52E-15	8.40E-17	-9.14	27.2775731	-1.42E-01	133065806	133065929	NC_000012.11
cg19974120	2.53E-15	8.40E-17	-9.14	27.2769639	-1.78E-01	42839625	42839748	NC_000021.8
cg21642988	2.53E-15	8.41E-17	-9.13	27.2761758	-2.16E-01	78558406	78558529	NC_000015.9
cg27583604	2.53E-15	8.43E-17	-9.13	27.2735785	-1.59E-01	45267345	45267468	NC_000001.10
cg11543725	2.53E-15	8.43E-17	-9.13	27.2734334	-5.99E-02	10329292	10329415	NC_000011.9
cg05105919	2.54E-15	8.46E-17	-9.13	27.2697093	-1.68E-01	25958673	25958796	NC_000017.10
cg19194924	2.54E-15	8.47E-17	-9.13	27.2691154	-1.02E-01	90168307	90168430	NC_000014.8
cg15793563	2.55E-15	8.48E-17	-9.13	27.2677685	-7.16E-02	910950	911073	NC_000011.9
cg01312394	2.55E-15	8.50E-17	-9.13	27.2650672	-2.07E-01	47109380	47109503	NC_000002.11
cg03708045	2.56E-15	8.52E-17	-9.13	27.2637188	-2.16E-01	48595620	48595743	NC_000008.10
cg20826224	2.56E-15	8.52E-17	-9.13	27.2628763	-8.40E-02	2732946	2733069	NC_000020.10
cg14016177	2.56E-15	8.53E-17	-9.13	27.2621744	-1.87E-01	131965610	131965733	NC_000009.11
cg11131549	2.57E-15	8.55E-17	-9.13	27.2600527	-1.16E-01	211500852	211500975	NC_000001.10
cg16466870	2.60E-15	8.67E-17	-9.13	27.2462856	-1.73E-01	101926959	101927082	NC_000014.8
cg19083634	2.62E-15	8.71E-17	-9.13	27.2411699	-4.81E-02	117256864	117256987	NC_000012.11
cg04301614	2.62E-15	8.72E-17	-9.13	27.2408142	-1.99E-01	37585993	37586116	NC_000004.11
cg15481493	2.62E-15	8.73E-17	-9.13	27.2390387	-2.07E-01	35133274	35133397	NC_000011.9
cg26623753	2.62E-15	8.74E-17	-9.13	27.237652	-1.46E-01	39224370	39224493	NC_000019.9
cg09957933	2.62E-15	8.74E-17	-9.13	27.2375031	-1.71E-01	57065793	57065916	NC_000015.9
cg16683060	2.64E-15	8.80E-17	-9.13	27.2309957	-2.97E-01	99974673	99974796	NC_000013.10
cg14879645	2.65E-15	8.83E-17	-9.13	27.228376	-1.39E-01	41048474	41048597	NC_000022.10
cg20373634	2.65E-15	8.85E-17	-9.13	27.225989	-1.88E-01	103911536	103911659	NC_000010.10
cg17397004	2.67E-15	8.91E-17	-9.13	27.2188582	-1.57E-01	38863644	38863767	NC_000022.10

cg16736889	2.67E-15	8.91E-17	-9.13	27.2187733	-2.16E-01	20421627	20421750	NC_000016.9
cg24389488	2.68E-15	8.95E-17	-9.13	27.2143278	-1.39E-01	44849857	44849980	NC_000017.10
cg26164488	2.69E-15	8.98E-17	-9.12	27.2109821	-2.39E-01	64440295	64440418	NC_000002.11
cg12229523	2.70E-15	9.00E-17	-9.12	27.2086113	-8.16E-02	12408304	12408427	NC_000018.9
cg17795059	2.70E-15	9.01E-17	-9.12	27.2081207	-1.59E-01	45704902	45705025	NC_000022.10
cg12155676	2.70E-15	9.03E-17	-9.12	27.2059046	-1.14E-01	11970561	11970684	NC_000002.11
cg08324925	2.71E-15	9.06E-17	-9.12	27.2022358	-1.84E-01	131409159	131409282	NC_000005.9
cg17401635	2.72E-15	9.07E-17	-9.12	27.2014889	-7.36E-02	176944162	176944285	NC_000005.9
cg03309328	2.72E-15	9.08E-17	-9.12	27.2001951	-1.84E-01	99525864	99525987	NC_000012.11
cg15979932	2.73E-15	9.10E-17	-9.12	27.19767	-2.03E-01	55980107	55980230	NC_000017.10
cg17347851	2.73E-15	9.11E-17	-9.12	27.1975115	-1.85E-01	37310064	37310187	NC_000017.10
cg12118863	2.73E-15	9.13E-17	-9.12	27.1948313	-5.37E-02	37225588	37225711	NC_000006.11
cg13883671	2.75E-15	9.19E-17	-9.12	27.1886613	-2.02E-01	144965812	144965935	NC_000008.10
cg09303159	2.76E-15	9.21E-17	-9.12	27.1856771	-8.74E-02	26284866	26284989	NC_000006.11
cg05817765	2.76E-15	9.24E-17	-9.12	27.1833802	-9.56E-02	8324998	8325121	NC_000012.11
cg17156828	2.77E-15	9.26E-17	-9.12	27.1813412	-2.16E-01	240020174	240020297	NC_000002.11
cg13603551	2.77E-15	9.27E-17	-9.12	27.1797759	-1.79E-01	150549406	150549529	NC_000007.13
cg17482237	2.77E-15	9.28E-17	-9.12	27.1786967	-1.90E-01	236900382	236900505	NC_000001.10
cg19649900	2.78E-15	9.31E-17	-9.12	27.1757739	-1.44E-01	1155030	1155153	NC_000019.9
cg14876117	2.78E-15	9.31E-17	-9.12	27.1754236	-1.92E-01	51428973	51429096	NC_000014.8
cg14489570	2.78E-15	9.31E-17	-9.12	27.1750467	-1.41E-01	144099280	144099403	NC_000008.10
cg11294750	2.80E-15	9.38E-17	-9.12	27.1684252	-2.01E-01	94957721	94957844	NC_000013.10
cg16806195	2.80E-15	9.39E-17	-9.12	27.1675299	-1.50E-01	1487784	1487907	NC_000007.13
cg25738786	2.81E-15	9.40E-17	-9.12	27.1657058	-1.80E-01	170532786	170532909	NC_000006.11
cg15723784	2.81E-15	9.41E-17	-9.12	27.1648345	-1.59E-01	67441067	67441190	NC_000015.9

cg11756518	2.81E-15	9.42E-17	-9.12	27.1634336	-1.32E-01	107809929	107810052	NC_000006.11
cg19106326	2.82E-15	9.43E-17	-9.12	27.1631716	-2.04E-01	38575349	38575472	NC_000008.10
cg05383910	2.82E-15	9.44E-17	-9.12	27.1614313	-2.08E-01	37431792	37431915	NC_000007.13
ch.6.2771202R	2.82E-15	9.45E-17	-9.12	27.1608667	-7.12E-02	144123518	144123641	NC_000006.11
cg19880465	2.82E-15	9.46E-17	-9.12	27.1597425	-9.72E-02	38038709	38038832	NC_000003.11
cg03553715	2.83E-15	9.49E-17	-9.12	27.1567706	-2.13E-01	9052489	9052612	NC_000016.9
cg14396008	2.83E-15	9.49E-17	-9.12	27.1565464	-1.82E-01	241856143	241856266	NC_000002.11
cg15466909	2.84E-15	9.51E-17	-9.12	27.1541053	-9.61E-02	144842965	144843088	NC_000008.10
cg02376553	2.84E-15	9.53E-17	-9.12	27.1526478	-7.11E-02	10413523	10413646	NC_000006.11
cg15067907	2.86E-15	9.57E-17	-9.11	27.1477986	-1.26E-01	5838779	5838902	NC_000019.9
cg11202887	2.86E-15	9.57E-17	-9.11	27.1477782	-1.85E-01	112076016	112076139	NC_000013.10
cg11978890	2.86E-15	9.60E-17	-9.11	27.1454939	-1.53E-01	1048069	1048192	NC_000016.9
cg10717722	2.87E-15	9.62E-17	-9.11	27.1435362	-7.13E-02	124134020	124134143	NC_000010.10
cg11775521	2.88E-15	9.67E-17	-9.11	27.1383775	-1.60E-01	74178795	74178918	NC_000011.9
cg01618928	2.88E-15	9.67E-17	-9.11	27.1381253	-1.83E-01	79870762	79870885	NC_000017.10
cg24141382	2.89E-15	9.68E-17	-9.11	27.1367086	-1.47E-01	41446726	41446849	NC_000001.10
cg07241084	2.89E-15	9.69E-17	-9.11	27.1356994	-1.67E-01	47493388	47493511	NC_000007.13
cg13790426	2.90E-15	9.73E-17	-9.11	27.1313436	-1.26E-01	109506963	109507086	NC_000001.10
cg03967448	2.91E-15	9.77E-17	-9.11	27.1279814	-1.68E-01	3527443	3527566	NC_000006.11
cg14305454	2.92E-15	9.80E-17	-9.11	27.1247646	-7.05E-02	36278047	36278170	NC_000014.8
cg17941109	2.92E-15	9.81E-17	-9.11	27.1234691	-1.61E-01	17407198	17407321	NC_000019.9
cg19470372	2.94E-15	9.89E-17	-9.11	27.1159876	-9.96E-02	46145190	46145313	NC_000019.9
cg24500441	2.95E-15	9.89E-17	-9.11	27.1154815	-1.71E-01	66274709	66274832	NC_000015.9
cg03782043	2.95E-15	9.90E-17	-9.11	27.1143814	-1.12E-01	30044206	30044329	NC_000006.11
cg23038074	2.95E-15	9.92E-17	-9.11	27.112595	-9.15E-02	24808650	24808773	NC_000014.8

cg09981198	2.96E-15	9.93E-17	-9.11	27.111943	-1.87E-01	10316831	10316954	NC_000006.11
cg24251439	2.96E-15	9.93E-17	-9.11	27.1114787	-1.07E-01	1112327	1112450	NC_000019.9
cg26462055	2.96E-15	9.95E-17	-9.11	27.1100411	-2.21E-01	175307665	175307788	NC_000002.11
cg10113526	2.96E-15	9.95E-17	-9.11	27.1096104	-2.15E-01	142163737	142163860	NC_000008.10
cg26315221	2.97E-15	9.97E-17	-9.11	27.1078694	-2.14E-01	38742622	38742745	NC_000002.11
cg17114584	2.97E-15	9.98E-17	-9.11	27.1064379	-1.58E-01	613792	613915	NC_000011.9
cg26269286	2.98E-15	1.00E-16	-9.11	27.1037437	-2.03E-01	103848982	103849105	NC_000014.8
cg08675092	2.98E-15	1.00E-16	-9.11	27.1022688	-1.15E-01	32811181	32811304	NC_000006.11
cg02500152	2.98E-15	1.00E-16	-9.11	27.1019404	-5.21E-02	48357316	48357439	NC_000012.11
cg24960291	2.99E-15	1.00E-16	-9.11	27.1009022	-1.70E-01	185538892	185539015	NC_000003.11
cg23258611	3.00E-15	1.01E-16	-9.11	27.0957179	-1.81E-01	70536160	70536283	NC_000017.10
cg17861277	3.00E-15	1.01E-16	-9.11	27.0956797	-2.34E-01	150385659	150385782	NC_000005.9
cg15759721	3.02E-15	1.02E-16	-9.11	27.0885203	-1.60E-01	57918630	57918753	NC_000017.10
cg08386009	3.02E-15	1.02E-16	-9.11	27.0881267	-1.44E-01	32094845	32094968	NC_000006.11
cg20565740	3.03E-15	1.02E-16	-9.11	27.0862627	-4.66E-02	85061215	85061338	NC_000016.9
cg12467226	3.03E-15	1.02E-16	-9.11	27.0856494	-1.30E-01	13694484	13694607	NC_000003.11
cg22888463	3.04E-15	1.02E-16	-9.1	27.0813486	-1.16E-01	71779016	71779139	NC_000003.11
cg21876869	3.06E-15	1.03E-16	-9.1	27.0756983	-9.97E-02	119352425	119352548	NC_000011.9
cg08429256	3.06E-15	1.03E-16	-9.1	27.0741758	-1.74E-01	80188425	80188548	NC_000017.10
cg26126806	3.06E-15	1.03E-16	-9.1	27.0734096	-1.77E-01	17685031	17685154	NC_000017.10
cg16325482	3.06E-15	1.03E-16	-9.1	27.0731579	-1.32E-01	76989499	76989622	NC_000017.10
cg04977528	3.07E-15	1.03E-16	-9.1	27.0707082	-2.07E-01	40091349	40091472	NC_000001.10
cg09651136	3.08E-15	1.04E-16	-9.1	27.0682662	-1.60E-01	72525012	72525135	NC_000015.9
cg12400025	3.09E-15	1.04E-16	-9.1	27.0636654	-2.20E-01	111913206	111913329	NC_000006.11
cg17152423	3.13E-15	1.05E-16	-9.1	27.0522096	-1.50E-01	133065729	133065852	NC_000012.11

ch.22.137888R	3.13E-15	1.06E-16	-9.1	27.0516853	-6.30E-02	21290185	21290308	NC_000022.10
cg05413061	3.13E-15	1.06E-16	-9.1	27.0515904	-2.06E-01	16225307	16225430	NC_000003.11
cg25651505	3.13E-15	1.06E-16	-9.1	27.0507195	-1.53E-01	85812023	85812146	NC_000002.11
cg09838336	3.13E-15	1.06E-16	-9.1	27.0502654	-1.70E-01	43733719	43733842	NC_000007.13
cg25299319	3.13E-15	1.06E-16	-9.1	27.0497379	-1.58E-01	57559728	57559851	NC_000012.11
cg26701815	3.14E-15	1.06E-16	-9.1	27.0472697	-1.91E-01	3446566	3446689	NC_000018.9
ch.10.2535095F	3.15E-15	1.06E-16	-9.1	27.043952	-8.62E-02	120437770	120437893	NC_000010.10
ch.10.119748781R	3.15E-15	1.06E-16	-9.1	27.0430087	-1.44E-01	119758791	119758914	NC_000010.10
cg11428886	3.16E-15	1.07E-16	-9.1	27.0401931	-1.81E-01	67340775	67340898	NC_000011.9
cg14667273	3.17E-15	1.07E-16	-9.1	27.0371606	-1.97E-01	1369934	1370057	NC_000001.10
cg12243133	3.17E-15	1.07E-16	-9.1	27.0365257	-1.28E-01	66823616	66823739	NC_000011.9
cg07303143	3.18E-15	1.07E-16	-9.1	27.035435	-1.42E-01	44803452	44803575	NC_000003.11
cg06580770	3.19E-15	1.08E-16	-9.1	27.0312484	-1.76E-01	32054790	32054913	NC_000006.11
cg22737241	3.19E-15	1.08E-16	-9.1	27.0297494	-2.01E-01	557605	557728	NC_000010.10
cg09910067	3.20E-15	1.08E-16	-9.1	27.0277851	-2.07E-01	157357758	157357881	NC_000007.13
cg17156491	3.21E-15	1.09E-16	-9.1	27.0238899	-1.14E-01	43259508	43259631	NC_000002.11
cg19161251	3.22E-15	1.09E-16	-9.1	27.0219598	-2.24E-01	87798568	87798691	NC_000001.10
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cg19053686	3.22E-15	1.09E-16	-9.1	27.0205243	-1.20E-01	43479485	43479608	NC_000007.13
cg10533493	3.22E-15	1.09E-16	-9.09	27.0200917	-1.17E-01	33721242	33721365	NC_000017.10
cg25471639	3.22E-15	1.09E-16	-9.09	27.0200393	-1.60E-01	26063077	26063200	NC_000004.11
cg05013942	3.23E-15	1.09E-16	-9.09	27.0168931	-5.13E-02	36003336	36003459	NC_000017.10
cg24109790	3.25E-15	1.10E-16	-9.09	27.011711	-1.76E-01	113575128	113575251	NC_000012.11
cg24349919	3.25E-15	1.10E-16	-9.09	27.0108331	-3.42E-02	41487761	41487884	NC_000022.10
cg03002479	3.25E-15	1.10E-16	-9.09	27.0101672	-5.91E-02	143106004	143106127	NC_000007.13

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cg01390445	3.27E-15	1.11E-16	-9.09	27.0032983	-2.35E-01	185271312	185271435	NC_000003.11
cg11681959	3.28E-15	1.11E-16	-9.09	27.0005716	-6.82E-02	43374369	43374492	NC_000020.10
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cg19611886	3.29E-15	1.11E-16	-9.09	26.9990584	-1.77E-01	103821171	103821294	NC_000008.10
cg08443845	3.29E-15	1.11E-16	-9.09	26.9971004	-2.95E-01	36421955	36422078	NC_000021.8
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cg25934064	3.30E-15	1.12E-16	-9.09	26.9947743	-1.29E-01	52569026	52569149	NC_000003.11
cg00558224	3.31E-15	1.12E-16	-9.09	26.9902886	-1.10E-01	177591100	177591223	NC_000005.9
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cg02071670	3.32E-15	1.13E-16	-9.09	26.9872536	-1.68E-01	89438918	89439041	NC_000015.9
cg21399807	3.33E-15	1.13E-16	-9.09	26.9843391	-1.74E-01	54955581	54955704	NC_000002.11
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cg22547737	3.36E-15	1.14E-16	-9.09	26.9767021	-1.40E-01	90744188	90744311	NC_000015.9
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cg12640305	3.38E-15	1.15E-16	-9.09	26.9682371	-1.53E-01	80278279	80278402	NC_000017.10
cg13134297	3.39E-15	1.15E-16	-9.09	26.9658566	-2.30E-01	30737556	30737679	NC_000007.13
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ch.15.1525362R	3.42E-15	1.16E-16	-9.09	26.9568825	-5.96E-02	89706202	89706325	NC_000015.9
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cg26824126	3.44E-15	1.17E-16	-9.08	26.9503683	-1.74E-01	35646675	35646798	NC_000019.9

cg20943039	3.45E-15	1.17E-16	-9.08	26.9479079	-2.07E-01	65186445	65186568	NC_000015.9
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cg17258816	3.46E-15	1.18E-16	-9.08	26.9450765	-1.19E-01	73029361	73029484	NC_000017.10
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cg12707926	3.52E-15	1.20E-16	-9.08	26.9258343	-1.45E-01	85363117	85363240	NC_000016.9
cg23144063	3.53E-15	1.20E-16	-9.08	26.9230534	-1.42E-01	58570828	58570951	NC_000003.11
cg15037004	3.54E-15	1.20E-16	-9.08	26.9211682	-1.86E-01	71803938	71804061	NC_000005.9
cg11476241	3.55E-15	1.21E-16	-9.08	26.9190511	-2.27E-01	78866235	78866358	NC_000017.10
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cg06228828	3.58E-15	1.22E-16	-9.08	26.9096507	-1.68E-01	50653048	50653171	NC_000013.10
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cg04031093	3.65E-15	1.24E-16	-9.07	26.8894954	-2.64E-01	233027124	233027247	NC_000001.10



cg23950157	3.66E-15	1.25E-16	-9.07	26.8860654	-1.05E-01	48275919	48276042	NC_000017.10
cg03973622	3.67E-15	1.25E-16	-9.07	26.8832974	-1.40E-01	55520759	55520882	NC_000017.10
cg15431934	3.67E-15	1.25E-16	-9.07	26.8829899	-1.32E-01	40759208	40759331	NC_000015.9
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cg20742182	3.68E-15	1.25E-16	-9.07	26.8806536	-4.92E-02	101629240	101629363	NC_000015.9
cg00578614	3.68E-15	1.26E-16	-9.07	26.8793931	-2.03E-01	30070403	30070526	NC_000006.11
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cg25164589	3.70E-15	1.26E-16	-9.07	26.8738817	-2.36E-01	63540024	63540147	NC_000010.10
cg26473110	3.71E-15	1.26E-16	-9.07	26.8730012	-1.56E-01	46385365	46385488	NC_000011.9
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cg17960769	3.73E-15	1.27E-16	-9.07	26.8651679	-5.84E-02	36772837	36772960	NC_000001.10
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cg26020069	3.75E-15	1.28E-16	-9.07	26.8606254	-1.80E-01	52382441	52382564	NC_000006.11
cg26243894	3.76E-15	1.28E-16	-9.07	26.8587021	-9.52E-02	128049684	128049807	NC_000007.13
cg16017979	3.76E-15	1.29E-16	-9.07	26.8566269	-2.25E-01	74333589	74333712	NC_000008.10
cg13736939	3.78E-15	1.29E-16	-9.07	26.8518189	-1.73E-01	157647241	157647364	NC_000007.13
cg02994582	3.78E-15	1.29E-16	-9.07	26.8512589	-6.57E-02	61129864	61129987	NC_000011.9
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cg22502206	3.80E-15	1.30E-16	-9.07	26.8474369	-8.28E-02	60690826	60690949	NC_000015.9

cg15962197	3.80E-15	1.30E-16	-9.07	26.8460481	-1.73E-01	41704561	41704684	NC_000001.10
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cg20721738	3.82E-15	1.30E-16	-9.07	26.8417045	-1.84E-01	23487104	23487227	NC_000022.10
cg10675725	3.82E-15	1.30E-16	-9.07	26.8416646	-6.09E-02	144640310	144640433	NC_000008.10
cg11655490	3.82E-15	1.31E-16	-9.07	26.8408047	-1.33E-01	12038352	12038475	NC_000012.11
cg11230435	3.83E-15	1.31E-16	-9.07	26.8380416	-2.29E-01	30724374	30724497	NC_000010.10
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cg17176619	3.86E-15	1.32E-16	-9.07	26.8303191	-1.01E-01	99218657	99218780	NC_000013.10
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cg03683132	3.86E-15	1.32E-16	-9.07	26.8287509	-2.27E-01	72104067	72104190	NC_000012.11
cg01963059	3.86E-15	1.32E-16	-9.06	26.8286192	-1.83E-01	116658288	116658411	NC_000001.10
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cg16789849	3.90E-15	1.34E-16	-9.06	26.8175112	-1.89E-01	84772737	84772860	NC_000004.11
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cg24410214	3.94E-15	1.35E-16	-9.06	26.8070488	-1.09E-01	202097173	202097296	NC_000002.11
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cg07144720	3.99E-15	1.37E-16	-9.06	26.7957969	-1.99E-01	95038960	95039083	NC_000003.11

cg07426848	3.99E-15	1.37E-16	-9.06	26.7944548	-1.44E-01	153521712	153521835	NC_000001.10
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cg23268630	4.00E-15	1.37E-16	-9.06	26.7928539	-1.34E-01	32264315	32264438	NC_000001.10
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cg25722029	4.02E-15	1.38E-16	-9.06	26.7875681	-1.09E-01	13907696	13907819	NC_000019.9
cg03779374	4.04E-15	1.39E-16	-9.06	26.7811335	-1.95E-01	114343825	114343948	NC_000003.11
cg03892045	4.06E-15	1.39E-16	-9.06	26.7762126	-1.75E-01	6947288	6947411	NC_000017.10
ch.3.1135669F	4.07E-15	1.40E-16	-9.06	26.7750387	-5.99E-02	52245261	52245384	NC_000003.11
cg27221631	4.07E-15	1.40E-16	-9.06	26.7735898	-2.26E-01	77703381	77703504	NC_000004.11
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cg03441171	4.10E-15	1.41E-16	-9.06	26.7674134	-1.81E-01	144965352	144965475	NC_000008.10
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cg00045275	4.11E-15	1.41E-16	-9.05	26.7637588	-1.51E-01	43389643	43389766	NC_000001.10
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cg22402224	4.14E-15	1.42E-16	-9.05	26.7550591	-2.11E-01	102080713	102080836	NC_000007.13
cg20062458	4.15E-15	1.43E-16	-9.05	26.7536539	-3.72E-02	3367090	3367213	NC_000019.9
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cg11231434	4.17E-15	1.44E-16	-9.05	26.7465894	-1.85E-01	1232590	1232713	NC_000005.9
cg09030187	4.18E-15	1.44E-16	-9.05	26.7455907	-1.79E-01	205263738	205263861	NC_000001.10
cg10071493	4.20E-15	1.44E-16	-9.05	26.7406104	-1.64E-01	1179514	1179637	NC_000016.9
cg18052274	4.20E-15	1.45E-16	-9.05	26.7404405	-1.53E-01	19737158	19737281	NC_000011.9
cg03126567	4.21E-15	1.45E-16	-9.05	26.736086	-1.72E-01	169689773	169689896	NC_000006.11
cg05637903	4.24E-15	1.46E-16	-9.05	26.7307399	-6.77E-02	27100593	27100716	NC_000006.11

cg14244636	4.24E-15	1.46E-16	-9.05	26.7296177	-1.79E-01	100055918	100056041	NC_000010.10
cg14511586	4.26E-15	1.47E-16	-9.05	26.7255977	-1.65E-01	24116942	24117065	NC_000001.10
cg11556559	4.26E-15	1.47E-16	-9.05	26.7243392	-1.14E-01	17465162	17465285	NC_000017.10
cg00240880	4.26E-15	1.47E-16	-9.05	26.7241314	-1.65E-01	43343233	43343356	NC_000020.10
ch.7.1651382F	4.27E-15	1.47E-16	-9.05	26.7212537	-6.41E-02	75264394	75264517	NC_000007.13
cg16387532	4.28E-15	1.48E-16	-9.05	26.7193798	-2.05E-01	124747822	124747945	NC_000005.9
cg06207778	4.30E-15	1.48E-16	-9.05	26.7136364	-2.03E-01	15672633	15672756	NC_000001.10
cg22388948	4.31E-15	1.49E-16	-9.05	26.7120083	-1.52E-01	82460558	82460681	NC_000006.11
cg27469719	4.31E-15	1.49E-16	-9.05	26.7112407	-4.99E-02	73134089	73134212	NC_000007.13
ch.16.82520294R	4.32E-15	1.49E-16	-9.05	26.7085905	-1.10E-01	83962793	83962916	NC_000016.9
cg17146738	4.33E-15	1.49E-16	-9.05	26.7081993	-1.33E-01	98739698	98739821	NC_000007.13
cg11300809	4.33E-15	1.50E-16	-9.05	26.7068659	-1.39E-01	223288637	223288760	NC_000002.11
cg16863617	4.34E-15	1.50E-16	-9.05	26.7055007	-9.86E-02	100368380	100368503	NC_000004.11
cg26013357	4.39E-15	1.52E-16	-9.04	26.6934584	-5.23E-02	2951060	2951183	NC_000011.9
cg27023597	4.39E-15	1.52E-16	-9.04	26.692175	-1.79E-01	57918262	57918385	NC_000017.10
cg10201668	4.42E-15	1.53E-16	-9.04	26.6864745	-1.31E-01	45422393	45422516	NC_000015.9
cg16332435	4.43E-15	1.53E-16	-9.04	26.6847723	-2.33E-01	124894955	124895078	NC_000005.9
cg24710503	4.43E-15	1.53E-16	-9.04	26.6828138	-1.89E-01	65078974	65079097	NC_000011.9
cg03460049	4.45E-15	1.54E-16	-9.04	26.6802694	-5.16E-02	142138643	142138766	NC_000008.10
cg19495444	4.45E-15	1.54E-16	-9.04	26.6788281	-1.59E-01	44291407	44291530	NC_000011.9
cg19184885	4.45E-15	1.54E-16	-9.04	26.6788232	-2.08E-01	45699322	45699445	NC_000017.10
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cg05492904	4.46E-15	1.54E-16	-9.04	26.6772371	-2.05E-01	51604503	51604626	NC_000015.9
cg01106572	4.47E-15	1.54E-16	-9.04	26.6750884	-1.63E-01	150744384	150744507	NC_000007.13
cg19419914	4.48E-15	1.55E-16	-9.04	26.672708	-6.56E-02	65128184	65128307	NC_000015.9

cg18310639	4.50E-15	1.56E-16	-9.04	26.6666544	-2.20E-01	223904225	223904348	NC_000001.10
cg02447879	4.52E-15	1.56E-16	-9.04	26.6637277	-1.73E-01	79393682	79393805	NC_000017.10
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cg14483391	4.53E-15	1.57E-16	-9.04	26.6615162	-1.67E-01	183749227	183749350	NC_000003.11
cg21235359	4.56E-15	1.58E-16	-9.04	26.6546438	-6.62E-02	32598716	32598839	NC_000022.10
cg04920761	4.61E-15	1.60E-16	-9.04	26.6427311	-6.43E-02	43455103	43455226	NC_000002.11
cg12251803	4.62E-15	1.60E-16	-9.04	26.640819	-1.85E-01	238639781	238639904	NC_000002.11
cg20337996	4.66E-15	1.61E-16	-9.03	26.6317584	-2.38E-01	124780809	124780932	NC_000012.11
cg03440989	4.66E-15	1.61E-16	-9.03	26.6317477	-1.99E-01	40155391	40155514	NC_000017.10
cg21908664	4.66E-15	1.61E-16	-9.03	26.6308811	-2.46E-01	222987586	222987709	NC_000001.10
cg25658385	4.66E-15	1.61E-16	-9.03	26.6308467	-8.01E-02	35265341	35265464	NC_000006.11
cg13255056	4.66E-15	1.62E-16	-9.03	26.6303764	-5.37E-02	52280128	52280251	NC_000003.11
cg04045327	4.68E-15	1.62E-16	-9.03	26.625688	-2.44E-01	905805	905928	NC_000004.11
cg04822278	4.69E-15	1.63E-16	-9.03	26.6240305	-1.82E-01	125023878	125024001	NC_000012.11
cg02985541	4.71E-15	1.63E-16	-9.03	26.6185673	-1.56E-01	219472218	219472341	NC_000002.11
cg00814580	4.74E-15	1.64E-16	-9.03	26.6141309	-1.05E-01	45680969	45681092	NC_000019.9
cg07780528	4.75E-15	1.65E-16	-9.03	26.6115945	-1.31E-01	35630334	35630457	NC_000019.9
cg13112511	4.75E-15	1.65E-16	-9.03	26.6104471	-1.72E-01	58882753	58882876	NC_000005.9
cg13964030	4.76E-15	1.65E-16	-9.03	26.6082703	-9.85E-02	118926672	118926795	NC_000010.10
cg17897445	4.77E-15	1.65E-16	-9.03	26.6069926	-9.12E-02	7537473	7537596	NC_000008.10
cg21604970	4.77E-15	1.66E-16	-9.03	26.6062672	-1.98E-01	77505574	77505697	NC_000001.10
cg07133729	4.78E-15	1.66E-16	-9.03	26.6049411	-2.09E-01	98977840	98977963	NC_000007.13
cg10059450	4.78E-15	1.66E-16	-9.03	26.604264	-1.25E-01	66405549	66405672	NC_000011.9
cg21341520	4.80E-15	1.67E-16	-9.03	26.5996712	-1.62E-01	1756269	1756392	NC_000007.13
cg18304704	4.81E-15	1.67E-16	-9.03	26.5983106	-7.72E-02	18229454	18229577	NC_000019.9

cg09904304	4.85E-15	1.69E-16	-9.03	26.5881363	-1.10E-01	17488225	17488348	NC_000019.9
cg03822873	4.89E-15	1.70E-16	-9.03	26.5814652	-2.02E-01	128899554	128899677	NC_000007.13
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cg09690632	4.90E-15	1.70E-16	-9.03	26.5782515	-1.81E-01	79609290	79609413	NC_000017.10
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cg07052251	4.91E-15	1.70E-16	-9.03	26.5770469	-8.93E-02	47392592	47392715	NC_000021.8
cg04302618	4.91E-15	1.71E-16	-9.03	26.5749139	-1.99E-01	158034588	158034711	NC_000006.11
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cg18129996	4.93E-15	1.71E-16	-9.02	26.5722665	-1.89E-01	65334477	65334600	NC_000007.13
cg15967304	4.94E-15	1.72E-16	-9.02	26.5698921	-6.11E-02	56727896	56728019	NC_000012.11
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cg12588476	4.94E-15	1.72E-16	-9.02	26.568687	-5.74E-02	99647494	99647617	NC_000007.13
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cg27359566	4.96E-15	1.72E-16	-9.02	26.565664	-2.42E-01	73098174	73098297	NC_000016.9
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cg09057412	4.97E-15	1.73E-16	-9.02	26.5626989	-2.03E-01	158903203	158903326	NC_000006.11
cg01385669	4.98E-15	1.73E-16	-9.02	26.5614161	-2.09E-01	232230258	232230381	NC_000002.11
cg11070772	4.98E-15	1.73E-16	-9.02	26.5612927	-6.06E-02	50710489	50710612	NC_000022.10
cg25840926	4.98E-15	1.73E-16	-9.02	26.5603854	-1.34E-01	20647987	20648110	NC_000002.11
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cg14530930	4.99E-15	1.74E-16	-9.02	26.5592082	-1.65E-01	7758517	7758640	NC_000004.11
cg19587779	4.99E-15	1.74E-16	-9.02	26.5581907	-1.01E-01	34638023	34638146	NC_000020.10
cg21074260	5.01E-15	1.74E-16	-9.02	26.5541955	-4.70E-02	45307563	45307686	NC_000011.9
cg16838001	5.05E-15	1.76E-16	-9.02	26.5467087	-7.08E-02	14543874	14543997	NC_000019.9

cg00246121	5.05E-15	1.76E-16	-9.02	26.5453483	-1.20E-01	141030607	141030730	NC_000005.9
cg00467529	5.07E-15	1.77E-16	-9.02	26.5411356	-8.02E-02	117857293	117857416	NC_000011.9
cg22143064	5.07E-15	1.77E-16	-9.02	26.5410461	-1.75E-01	162948592	162948715	NC_000002.11
cg08642285	5.07E-15	1.77E-16	-9.02	26.5408918	-1.83E-01	68498589	68498712	NC_000015.9
cg18586886	5.08E-15	1.77E-16	-9.02	26.5402768	-2.96E-01	30652399	30652522	NC_000006.11
cg16449636	5.09E-15	1.77E-16	-9.02	26.5383993	-2.28E-01	73234433	73234556	NC_000005.9
cg04708888	5.09E-15	1.77E-16	-9.02	26.5375528	-1.49E-01	176739561	176739684	NC_000005.9
cg17904988	5.09E-15	1.77E-16	-9.02	26.5373699	-1.07E-01	161168451	161168574	NC_000001.10
cg12706938	5.12E-15	1.79E-16	-9.02	26.5304682	-1.04E-01	1566839	1566962	NC_000019.9
cg25143652	5.12E-15	1.79E-16	-9.02	26.5303256	-1.20E-01	62168670	62168793	NC_000020.10
cg12159464	5.14E-15	1.79E-16	-9.02	26.5266368	-1.86E-01	19295809	19295932	NC_000008.10
cg26202898	5.14E-15	1.79E-16	-9.02	26.5263474	-2.43E-02	10748473	10748596	NC_000017.10
cg00376129	5.20E-15	1.82E-16	-9.02	26.5146485	-6.12E-02	61547524	61547647	NC_000003.11
ch.1.4414893F	5.21E-15	1.82E-16	-9.02	26.512555	-6.29E-02	226245765	226245888	NC_000001.10
cg02071074	5.23E-15	1.83E-16	-9.01	26.5092879	-9.85E-02	52585283	52585406	NC_000013.10
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cg10100887	5.24E-15	1.83E-16	-9.01	26.5062871	-1.94E-01	56273259	56273382	NC_000020.10
cg10620680	5.25E-15	1.83E-16	-9.01	26.5050092	-1.88E-01	178025100	178025223	NC_000001.10
cg22049858	5.28E-15	1.84E-16	-9.01	26.4995352	-1.87E-01	94884121	94884244	NC_000011.9
cg09999348	5.28E-15	1.85E-16	-9.01	26.4987436	-1.94E-01	46398848	46398971	NC_000002.11
cg19015997	5.31E-15	1.85E-16	-9.01	26.4936546	-1.87E-01	12611607	12611730	NC_000007.13
cg05766107	5.33E-15	1.86E-16	-9.01	26.4903941	-1.16E-01	63702235	63702358	NC_000011.9
cg02395127	5.33E-15	1.86E-16	-9.01	26.4903254	-1.08E-01	75104987	75105110	NC_000015.9
cg12974599	5.33E-15	1.86E-16	-9.01	26.4897252	-1.84E-01	46770195	46770318	NC_000022.10
cg01046026	5.34E-15	1.87E-16	-9.01	26.4878259	-9.31E-02	100203730	100203853	NC_000014.8

cg08431693	5.37E-15	1.88E-16	-9.01	26.4813824	-9.25E-02	99680287	99680410	NC_000007.13
cg05296057	5.37E-15	1.88E-16	-9.01	26.4807423	-1.81E-01	3030247	3030370	NC_000019.9
cg02524834	5.39E-15	1.88E-16	-9.01	26.4783664	-2.27E-01	41934765	41934888	NC_000006.11
cg25404375	5.39E-15	1.88E-16	-9.01	26.4779118	-1.48E-01	99409942	99410065	NC_000015.9
cg15271029	5.39E-15	1.88E-16	-9.01	26.4776958	-1.34E-01	21871156	21871279	NC_000013.10
cg18018913	5.43E-15	1.90E-16	-9.01	26.4693631	-1.77E-01	168517728	168517851	NC_000006.11
cg18304766	5.44E-15	1.90E-16	-9.01	26.4687688	-8.19E-02	66220165	66220288	NC_000012.11
cg27305460	5.44E-15	1.90E-16	-9.01	26.4685908	-1.78E-01	29969096	29969219	NC_000015.9
cg14563637	5.44E-15	1.90E-16	-9.01	26.468566	-1.44E-01	98931801	98931924	NC_000009.11
cg18456933	5.44E-15	1.90E-16	-9.01	26.467831	-2.28E-01	15692171	15692294	NC_000004.11
cg07306253	5.44E-15	1.90E-16	-9.01	26.4677927	-2.01E-01	41062224	41062347	NC_000015.9
cg00955967	5.45E-15	1.91E-16	-9.01	26.4662388	-5.83E-02	148079717	148079840	NC_000004.11
cg09776041	5.48E-15	1.92E-16	-9.01	26.4594604	-1.82E-01	71200489	71200612	NC_000011.9
cg06674873	5.48E-15	1.92E-16	-9.01	26.4594487	-9.13E-02	56128075	56128198	NC_000007.13
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cg18513344	5.48E-15	1.92E-16	-9.01	26.4590905	-1.03E-01	195531298	195531421	NC_000003.11
cg00686132	5.49E-15	1.92E-16	-9.01	26.4575713	-1.98E-01	168257835	168257958	NC_000006.11
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cg08986840	5.55E-15	1.94E-16	-9.01	26.4470919	-1.55E-01	38409865	38409988	NC_000008.10
cg24136690	5.56E-15	1.95E-16	-9	26.4451501	-2.23E-01	5580951	5581074	NC_000010.10
cg04472001	5.57E-15	1.95E-16	-9	26.4435514	-9.83E-02	126398566	126398689	NC_000003.11
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cg26800893	5.59E-15	1.96E-16	-9	26.4392896	-1.66E-01	67184596	67184719	NC_000011.9
cg08501622	5.60E-15	1.96E-16	-9	26.4379902	-4.67E-02	151138456	151138579	NC_000005.9



cg21347644	5.60E-15	1.96E-16	-9	26.4364367	-6.43E-02	149401942	149402065	NC_000002.11
cg18241555	5.61E-15	1.97E-16	-9	26.4346402	-1.73E-01	3563268	3563391	NC_000012.11
cg20820543	5.66E-15	1.98E-16	-9	26.4266415	-4.07E-02	135503889	135504012	NC_000006.11
cg19202618	5.67E-15	1.99E-16	-9	26.4247535	-1.08E-01	8021551	8021674	NC_000002.11
cg12515917	5.67E-15	1.99E-16	-9	26.4244538	-2.01E-01	133894086	133894209	NC_000008.10
cg12988118	5.67E-15	1.99E-16	-9	26.424074	-9.60E-02	31744524	31744647	NC_000006.11
cg20566118	5.70E-15	2.00E-16	-9	26.4194937	-6.11E-02	117880556	117880679	NC_000009.11
cg18502617	5.72E-15	2.01E-16	-9	26.4156116	-8.45E-02	64067409	64067532	NC_000011.9
cg17714147	5.72E-15	2.01E-16	-9	26.4148527	-1.13E-01	113487757	113487880	NC_000013.10
cg01034813	5.73E-15	2.01E-16	-9	26.412948	-2.13E-01	27487047	27487170	NC_000016.9
cg18806997	5.75E-15	2.02E-16	-9	26.4097132	-1.16E-01	45242078	45242201	NC_000001.10
cg21487099	5.76E-15	2.02E-16	-9	26.4077702	-1.24E-01	1201608	1201731	NC_000005.9
cg00216504	5.79E-15	2.03E-16	-9	26.4031597	-6.58E-02	91763516	91763639	NC_000007.13
cg25984996	5.79E-15	2.03E-16	-9	26.4029889	-1.17E-01	140098398	140098521	NC_000005.9
cg00921574	5.79E-15	2.03E-16	-9	26.4029484	-1.01E-01	1513873	1513996	NC_000007.13
cg15426869	5.79E-15	2.03E-16	-9	26.402746	-1.39E-01	127266149	127266272	NC_000003.11
cg27165456	5.79E-15	2.03E-16	-9	26.4024994	-9.13E-02	1782577	1782700	NC_000007.13
cg23169762	5.80E-15	2.04E-16	-9	26.4005439	-1.31E-01	3749854	3749977	NC_000006.11
cg22830638	5.82E-15	2.04E-16	-9	26.3970083	-1.52E-01	73209573	73209696	NC_000002.11
cg00346556	5.84E-15	2.05E-16	-9	26.3935328	-6.96E-02	15942191	15942314	NC_000012.11
cg17822706	5.86E-15	2.06E-16	-9	26.3901105	-1.66E-01	18415538	18415661	NC_000019.9
cg08985333	5.86E-15	2.06E-16	-9	26.3899315	-1.57E-01	10970960	10971083	NC_000016.9
cg05576245	5.87E-15	2.06E-16	-9	26.3878133	-1.62E-01	138719784	138719907	NC_000007.13
cg08314176	5.87E-15	2.07E-16	-9	26.3871065	-1.71E-01	118743243	118743366	NC_000008.10
ch.15.65986670F	5.87E-15	2.07E-16	-9	26.3868778	-1.33E-01	68199616	68199739	NC_000015.9

ch.5.79606571R	5.93E-15	2.09E-16	-8.99	26.3770575	-8.64E-02	79570815	79570938	NC_000005.9
cg14601770	5.94E-15	2.09E-16	-8.99	26.3748105	-2.05E-01	481319	481442	NC_000008.10
cg11019923	5.95E-15	2.09E-16	-8.99	26.3741085	-1.57E-01	78557532	78557655	NC_000015.9
cg16411668	5.97E-15	2.10E-16	-8.99	26.3707268	-1.53E-01	123704747	123704870	NC_000004.11
cg18961788	5.98E-15	2.11E-16	-8.99	26.3680478	-1.69E-01	102019326	102019449	NC_000014.8
cg11778563	6.00E-15	2.11E-16	-8.99	26.3655001	-1.83E-01	18531353	18531476	NC_000019.9
cg13030331	6.01E-15	2.12E-16	-8.99	26.3631613	-1.06E-01	241497599	241497722	NC_000002.11
cg00227156	6.02E-15	2.12E-16	-8.99	26.3621049	-1.47E-01	18463646	18463769	NC_000022.10
cg05865746	6.03E-15	2.12E-16	-8.99	26.3598799	-1.74E-01	2699553	2699676	NC_000017.10
cg15541583	6.03E-15	2.12E-16	-8.99	26.3595352	-1.12E-01	112013063	112013186	NC_000003.11
ch.17.1756372F	6.04E-15	2.13E-16	-8.99	26.3584462	-8.78E-02	65919449	65919572	NC_000017.10
cg11035100	6.04E-15	2.13E-16	-8.99	26.3579051	-1.18E-01	31870935	31871058	NC_000020.10
cg26997880	6.04E-15	2.13E-16	-8.99	26.3574863	-6.96E-02	32055370	32055493	NC_000006.11
cg01033642	6.07E-15	2.14E-16	-8.99	26.3527746	-2.35E-01	81564192	81564315	NC_000016.9
cg24632582	6.07E-15	2.14E-16	-8.99	26.3526792	-1.01E-01	41233701	41233824	NC_000015.9
cg10924776	6.07E-15	2.14E-16	-8.99	26.352059	-7.62E-02	36265810	36265933	NC_000005.9
cg10761804	6.11E-15	2.15E-16	-8.99	26.3455752	-1.49E-01	1865012	1865135	NC_000019.9
cg03069731	6.12E-15	2.16E-16	-8.99	26.3443802	-1.76E-01	116738693	116738816	NC_000007.13
cg11653519	6.12E-15	2.16E-16	-8.99	26.343974	-1.76E-01	125222790	125222913	NC_000010.10
cg16666708	6.12E-15	2.16E-16	-8.99	26.342598	-2.86E-02	17797733	17797856	NC_000019.9
cg05363382	6.17E-15	2.18E-16	-8.99	26.3350932	-1.76E-01	45767653	45767776	NC_000017.10
cg13058710	6.17E-15	2.18E-16	-8.99	26.3349512	-1.41E-01	70119609	70119732	NC_000017.10
cg18930012	6.17E-15	2.18E-16	-8.99	26.3349024	-1.22E-01	86001418	86001541	NC_000010.10
cg24686189	6.18E-15	2.18E-16	-8.99	26.3334006	-8.83E-02	47913532	47913655	NC_000017.10
cg20934596	6.18E-15	2.18E-16	-8.99	26.333118	-1.69E-01	31481480	31481603	NC_000022.10

cg23049307	6.18E-15	2.18E-16	-8.99	26.332847	-7.30E-02	55353163	55353286	NC_000001.10
cg19368016	6.18E-15	2.18E-16	-8.99	26.3326613	-2.08E-01	11187764	11187887	NC_000010.10
cg15437231	6.19E-15	2.19E-16	-8.99	26.3314291	-1.45E-01	72259306	72259429	NC_000012.11
cg11161550	6.21E-15	2.19E-16	-8.99	26.3269353	-1.21E-01	218897276	218897399	NC_000002.11
cg01601628	6.23E-15	2.20E-16	-8.99	26.3237922	-1.25E-01	149792348	149792471	NC_000005.9
cg01279632	6.24E-15	2.20E-16	-8.99	26.3224686	-1.73E-01	31760767	31760890	NC_000006.11
cg15938671	6.24E-15	2.21E-16	-8.99	26.3219732	-1.80E-01	170560157	170560280	NC_000006.11
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cg09829636	6.27E-15	2.22E-16	-8.98	26.3172905	-1.63E-01	102976856	102976979	NC_000014.8
cg27478485	6.29E-15	2.23E-16	-8.98	26.3133461	-1.47E-01	6898682	6898805	NC_000012.11
cg00988350	6.30E-15	2.23E-16	-8.98	26.3128663	-1.35E-01	24126048	24126171	NC_000001.10
cg20229788	6.30E-15	2.23E-16	-8.98	26.3116345	-1.64E-01	27718498	27718621	NC_000002.11
cg22169874	6.31E-15	2.23E-16	-8.98	26.3108724	-1.56E-01	19273596	19273719	NC_000002.11
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cg03423916	6.33E-15	2.24E-16	-8.98	26.3073795	-2.03E-01	153670787	153670910	NC_000001.10
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cg10169971	6.39E-15	2.26E-16	-8.98	26.2982146	-6.16E-02	83902988	83903111	NC_000006.11
cg21379639	6.40E-15	2.26E-16	-8.98	26.2962291	-9.77E-02	49056420	49056543	NC_000003.11
cg12593223	6.42E-15	2.27E-16	-8.98	26.2932842	-1.71E-01	80255510	80255633	NC_000017.10
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cg14002301	6.46E-15	2.29E-16	-8.98	26.2864286	-1.09E-01	24914941	24915064	NC_000004.11
cg22572779	6.46E-15	2.29E-16	-8.98	26.2857746	-1.95E-01	10434761	10434884	NC_000006.11
cg01593886	6.47E-15	2.29E-16	-8.98	26.2848722	-7.45E-02	48278778	48278901	NC_000017.10
cg01057552	6.47E-15	2.29E-16	-8.98	26.2841691	-1.75E-01	228415374	228415497	NC_000001.10

cg15693937	6.54E-15	2.32E-16	-8.98	26.2738642	-2.14E-01	76429218	76429341	NC_000005.9
cg08367318	6.55E-15	2.32E-16	-8.98	26.27208	-1.80E-01	31743952	31744075	NC_000006.11
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cg21727359	6.57E-15	2.33E-16	-8.98	26.2686599	-2.17E-01	82459006	82459129	NC_000006.11
cg03160057	6.58E-15	2.33E-16	-8.98	26.2676275	-6.74E-02	122432338	122432461	NC_000012.11
cg16336494	6.59E-15	2.34E-16	-8.98	26.2653536	-2.41E-01	151188259	151188382	NC_000006.11
cg00893242	6.60E-15	2.34E-16	-8.98	26.2637092	-1.18E-01	127291580	127291703	NC_000007.13
cg01540571	6.64E-15	2.35E-16	-8.98	26.2574599	-1.31E-01	15911089	15911212	NC_000001.10
cg15774391	6.64E-15	2.36E-16	-8.98	26.2570703	-2.36E-01	40439628	40439751	NC_000017.10
cg14527050	6.66E-15	2.36E-16	-8.97	26.2541047	-1.72E-01	34077244	34077367	NC_000017.10
cg22699620	6.66E-15	2.36E-16	-8.97	26.2540668	-1.48E-01	46348691	46348814	NC_000021.8
cg01657511	6.66E-15	2.36E-16	-8.97	26.2537383	-5.86E-02	142318170	142318293	NC_000008.10
cg21491443	6.66E-15	2.37E-16	-8.97	26.2528719	-2.29E-01	122586654	122586777	NC_000008.10
cg22475576	6.67E-15	2.37E-16	-8.97	26.2517729	-9.46E-02	1252813	1252936	NC_000019.9
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cg13573036	6.69E-15	2.38E-16	-8.97	26.2486608	-1.08E-01	119551851	119551974	NC_000001.10
cg27002271	6.69E-15	2.38E-16	-8.97	26.2482425	-8.61E-02	9695555	9695678	NC_000019.9
ch.20.12652500F	6.70E-15	2.38E-16	-8.97	26.2480092	-9.02E-02	12704500	12704623	NC_000020.10
cg20389678	6.70E-15	2.38E-16	-8.97	26.2477547	-1.55E-01	119426116	119426239	NC_000002.11
cg12146829	6.70E-15	2.38E-16	-8.97	26.247418	-1.93E-01	1107855	1107978	NC_000005.9
cg09300856	6.71E-15	2.38E-16	-8.97	26.245977	-1.06E-01	42083686	42083809	NC_000017.10
cg24465329	6.71E-15	2.38E-16	-8.97	26.2453165	-1.91E-01	172452502	172452625	NC_000002.11
cg12188416	6.72E-15	2.39E-16	-8.97	26.2433114	-2.02E-01	189349003	189349126	NC_000003.11
ch.9.109447758R	6.73E-15	2.39E-16	-8.97	26.2428912	-6.13E-02	110407937	110408060	NC_000009.11
cg13817046	6.75E-15	2.40E-16	-8.97	26.2391383	-1.80E-01	29609310	29609433	NC_000007.13

cg06596075	6.77E-15	2.40E-16	-8.97	26.2368098	-1.31E-01	75728752	75728875	NC_000012.11
cg02452500	6.78E-15	2.41E-16	-8.97	26.2343915	-1.23E-01	13161927	13162050	NC_000011.9
cg10709282	6.84E-15	2.43E-16	-8.97	26.2265261	-8.77E-02	29172607	29172730	NC_000008.10
cg18331263	6.84E-15	2.43E-16	-8.97	26.2251469	-8.86E-02	68630796	68630919	NC_000005.9
cg07143559	6.87E-15	2.44E-16	-8.97	26.2211677	-1.48E-01	230489903	230490026	NC_000001.10
cg19515245	6.88E-15	2.45E-16	-8.97	26.2195643	-8.74E-02	97151922	97152045	NC_000002.11
cg03301332	6.89E-15	2.45E-16	-8.97	26.2181109	-7.94E-02	37731494	37731617	NC_000022.10
cg03982897	6.89E-15	2.45E-16	-8.97	26.217827	-1.39E-01	1990108	1990231	NC_000011.9
cg17000128	6.90E-15	2.46E-16	-8.97	26.2159352	-6.63E-02	43904791	43904914	NC_000010.10
cg20918682	6.91E-15	2.46E-16	-8.97	26.2148306	-1.37E-01	6034694	6034817	NC_000020.10
cg20611850	6.93E-15	2.47E-16	-8.97	26.211891	-7.20E-02	41284006	41284129	NC_000019.9
cg01342196	6.95E-15	2.47E-16	-8.97	26.2088642	-2.28E-01	158979538	158979661	NC_000001.10
cg03129324	6.95E-15	2.47E-16	-8.97	26.2083425	-1.30E-01	124889295	124889418	NC_000010.10
cg23304318	6.98E-15	2.48E-16	-8.97	26.2046264	-7.23E-02	144843290	144843413	NC_000008.10
cg14738290	6.98E-15	2.49E-16	-8.97	26.2038638	-4.31E-02	29690998	29691121	NC_000006.11
cg23236169	6.99E-15	2.49E-16	-8.97	26.203213	-1.54E-01	112022442	112022565	NC_000003.11
cg10321973	7.01E-15	2.50E-16	-8.97	26.1997394	-1.68E-01	105659807	105659930	NC_000014.8
cg13197560	7.05E-15	2.51E-16	-8.97	26.193844	-2.20E-01	113649953	113650076	NC_000013.10
cg22442730	7.07E-15	2.52E-16	-8.96	26.1909159	-8.78E-02	62179233	62179356	NC_000020.10
cg04902811	7.07E-15	2.52E-16	-8.96	26.1906111	-9.26E-02	99478719	99478842	NC_000010.10
cg26751469	7.08E-15	2.52E-16	-8.96	26.1889691	-7.35E-02	56116382	56116505	NC_000019.9
cg16451306	7.09E-15	2.53E-16	-8.96	26.1878686	-1.80E-01	71475356	71475479	NC_000005.9
cg18842107	7.12E-15	2.54E-16	-8.96	26.1835119	-2.24E-01	114853855	114853978	NC_000010.10
cg02470690	7.13E-15	2.54E-16	-8.96	26.1825312	-1.78E-01	27839548	27839671	NC_000006.11
cg21190595	7.14E-15	2.54E-16	-8.96	26.1807806	-1.28E-01	3071167	3071290	NC_000011.9

cg25401210	7.16E-15	2.55E-16	-8.96	26.178469	-1.94E-01	944776	944899	NC_000007.13
cg13362637	7.21E-15	2.57E-16	-8.96	26.1701518	-1.22E-01	149790296	149790419	NC_000005.9
cg09375033	7.22E-15	2.57E-16	-8.96	26.169268	-2.19E-01	137833634	137833757	NC_000003.11
ch.11.42038R	7.25E-15	2.58E-16	-8.96	26.1655296	-6.80E-02	967971	968094	NC_000011.9
cg00049616	7.25E-15	2.59E-16	-8.96	26.1647385	-1.73E-01	100308186	100308309	NC_000013.10
cg02466933	7.25E-15	2.59E-16	-8.96	26.1646384	-9.04E-02	9770529	9770652	NC_000002.11
cg24346686	7.29E-15	2.60E-16	-8.96	26.1588568	-1.37E-01	154377364	154377487	NC_000001.10
cg01110839	7.36E-15	2.63E-16	-8.96	26.1496926	-1.74E-01	47437783	47437906	NC_000011.9
cg14032089	7.42E-15	2.65E-16	-8.96	26.1416026	-1.87E-01	57917589	57917712	NC_000017.10
cg04133293	7.43E-15	2.65E-16	-8.96	26.1396726	-1.88E-01	200863171	200863294	NC_000001.10
cg01638792	7.47E-15	2.67E-16	-8.96	26.134599	-2.20E-01	69061344	69061467	NC_000011.9
cg07615493	7.53E-15	2.69E-16	-8.95	26.1257646	-2.00E-01	4215043	4215166	NC_000019.9
cg01710158	7.55E-15	2.70E-16	-8.95	26.1236171	-9.54E-02	65081843	65081966	NC_000011.9
cg14434242	7.57E-15	2.70E-16	-8.95	26.1209884	-1.83E-01	58637740	58637863	NC_000017.10
cg27371125	7.58E-15	2.71E-16	-8.95	26.1188921	-1.80E-01	350906	351029	NC_000011.9
cg08339172	7.60E-15	2.72E-16	-8.95	26.1161938	-2.00E-01	63692987	63693110	NC_000017.10
cg03623835	7.63E-15	2.73E-16	-8.95	26.1117888	-1.51E-01	190040974	190041097	NC_000003.11
cg19813226	7.65E-15	2.74E-16	-8.95	26.1087991	-9.65E-02	235257141	235257264	NC_000001.10
cg26976108	7.65E-15	2.74E-16	-8.95	26.1084053	-1.44E-01	52867568	52867691	NC_000012.11
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cg18665334	7.72E-15	2.76E-16	-8.95	26.0992043	-1.81E-01	231735434	231735557	NC_000002.11
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cg15862215	7.78E-15	2.78E-16	-8.95	26.0918785	-5.65E-02	63277010	63277133	NC_000002.11
cg17259952	7.79E-15	2.79E-16	-8.95	26.0905868	-7.74E-02	58838244	58838367	NC_000020.10

cg14944696	7.80E-15	2.79E-16	-8.95	26.0891939	-1.52E-01	115155686	115155809	NC_000003.11
cg26664528	7.86E-15	2.82E-16	-8.95	26.0804597	-2.33E-01	69327013	69327136	NC_000015.9
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cg17696377	7.87E-15	2.82E-16	-8.95	26.0789164	-6.90E-02	23724561	23724684	NC_000016.9
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cg10097651	7.93E-15	2.84E-16	-8.95	26.0714804	-1.96E-01	35802397	35802520	NC_000014.8
cg27072893	7.94E-15	2.85E-16	-8.95	26.0691785	-1.04E-01	6376784	6376907	NC_000017.10
cg22488745	7.96E-15	2.85E-16	-8.95	26.0674477	-1.31E-01	53096763	53096886	NC_000015.9
cg13118545	7.99E-15	2.87E-16	-8.94	26.0631927	-9.36E-02	26191599	26191722	NC_000007.13
cg25068071	7.99E-15	2.87E-16	-8.94	26.0629796	-1.45E-01	2033843	2033966	NC_000011.9
cg19740361	8.00E-15	2.87E-16	-8.94	26.0613516	-5.38E-02	45596828	45596951	NC_000019.9
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cg04364504	8.01E-15	2.88E-16	-8.94	26.0598673	-7.33E-02	58035198	58035321	NC_000016.9
cg02003184	8.01E-15	2.88E-16	-8.94	26.0597971	-8.44E-02	51324465	51324588	NC_000019.9
cg00086488	8.03E-15	2.88E-16	-8.94	26.0580113	-2.16E-01	113648882	113649005	NC_000013.10
cg23385208	8.04E-15	2.89E-16	-8.94	26.0562063	-1.74E-01	105439913	105440036	NC_000014.8
cg26704870	8.05E-15	2.89E-16	-8.94	26.0551006	-1.35E-01	73144279	73144402	NC_000002.11
cg03141971	8.05E-15	2.89E-16	-8.94	26.0549329	-8.68E-02	11707834	11707957	NC_000019.9
cg05860566	8.06E-15	2.89E-16	-8.94	26.0541136	-1.42E-01	19017211	19017334	NC_000016.9
cg16864825	8.06E-15	2.89E-16	-8.94	26.0538633	-6.91E-02	37183552	37183675	NC_000017.10
cg09099500	8.08E-15	2.90E-16	-8.94	26.0508197	-1.72E-01	117635821	117635944	NC_000001.10
cg06869641	8.11E-15	2.91E-16	-8.94	26.0470174	-1.55E-01	71947929	71948052	NC_000002.11
cg15002541	8.13E-15	2.92E-16	-8.94	26.045085	-2.17E-01	392903	393026	NC_000011.9

ch.12.45348862R	8.14E-15	2.92E-16	-8.94	26.043735	-1.16E-01	47062595	47062718	NC_000012.11
cg01727585	8.17E-15	2.93E-16	-8.94	26.0397702	-1.40E-01	86313372	86313495	NC_000015.9
cg09762778	8.17E-15	2.94E-16	-8.94	26.0394785	-7.54E-02	37783879	37784002	NC_000017.10
cg05966241	8.23E-15	2.96E-16	-8.94	26.0318733	-1.16E-01	67515938	67516061	NC_000016.9
cg00194146	8.23E-15	2.96E-16	-8.94	26.031139	-9.71E-02	13488404	13488527	NC_000006.11
cg14340336	8.26E-15	2.97E-16	-8.94	26.0279762	-1.78E-01	40089267	40089390	NC_000017.10
cg07558894	8.26E-15	2.97E-16	-8.94	26.0278517	-7.06E-02	98030477	98030600	NC_000007.13
cg00838397	8.26E-15	2.97E-16	-8.94	26.0274295	-2.36E-01	70992225	70992348	NC_000010.10
cg24652919	8.26E-15	2.97E-16	-8.94	26.0273189	-1.89E-01	3073191	3073314	NC_000016.9
cg24385709	8.30E-15	2.99E-16	-8.94	26.0223419	-4.23E-02	31126689	31126812	NC_000006.11
cg09872104	8.30E-15	2.99E-16	-8.94	26.0222162	-8.31E-02	134855509	134855632	NC_000007.13
cg01657005	8.32E-15	2.99E-16	-8.94	26.0203589	-1.85E-01	46709125	46709248	NC_000002.11
cg03639603	8.33E-15	3.00E-16	-8.94	26.0193588	-4.06E-02	27806234	27806357	NC_000006.11
cg18879590	8.34E-15	3.00E-16	-8.94	26.0181922	-1.98E-01	236306640	236306763	NC_000001.10
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cg02375201	8.36E-15	3.01E-16	-8.94	26.0152352	-7.83E-02	27114675	27114798	NC_000001.10
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cg14072016	8.42E-15	3.03E-16	-8.94	26.0074102	-2.13E-01	384652	384775	NC_000010.10
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cg23733029	8.43E-15	3.04E-16	-8.94	26.005651	-1.81E-01	30110856	30110979	NC_000015.9
cg19294311	8.44E-15	3.04E-16	-8.94	26.0039836	-8.53E-02	62358920	62359043	NC_000015.9
cg05235525	8.44E-15	3.04E-16	-8.94	26.0037956	-1.66E-01	102687624	102687747	NC_000014.8
cg25535982	8.45E-15	3.04E-16	-8.94	26.0036739	-1.96E-01	74030400	74030523	NC_000011.9
cg17052816	8.48E-15	3.06E-16	-8.93	25.9988453	-5.71E-02	71377145	71377268	NC_000006.11



cg06730183	8.51E-15	3.07E-16	-8.93	25.9952933	-2.08E-01	76005699	76005822	NC_000005.9
cg13285213	8.52E-15	3.07E-16	-8.93	25.9949263	-1.84E-01	50056949	50057072	NC_000012.11
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cg20000107	8.53E-15	3.08E-16	-8.93	25.9929001	-2.03E-01	85832	85955	NC_000007.13
cg24603730	8.53E-15	3.08E-16	-8.93	25.9928877	-7.21E-02	47151566	47151689	NC_000010.10
cg12453623	8.53E-15	3.08E-16	-8.93	25.9926907	-2.19E-01	148394181	148394304	NC_000002.11
cg22546318	8.54E-15	3.08E-16	-8.93	25.9921617	-1.30E-01	54070378	54070501	NC_000012.11
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cg05290708	8.69E-15	3.14E-16	-8.93	25.9730308	-5.89E-02	140372864	140372987	NC_000007.13
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cg19036773	8.73E-15	3.15E-16	-8.93	25.9691143	-1.42E-01	151843255	151843378	NC_000007.13
cg19473623	8.73E-15	3.15E-16	-8.93	25.9689725	-2.14E-01	7224869	7224992	NC_000007.13
cg27319188	8.75E-15	3.16E-16	-8.93	25.9664543	-1.25E-01	65880175	65880298	NC_000011.9
cg21664281	8.82E-15	3.19E-16	-8.93	25.9582935	-2.24E-01	193561005	193561128	NC_000003.11
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cg02463513	8.84E-15	3.19E-16	-8.93	25.956	-1.87E-01	145883489	145883612	NC_000003.11
cg09872737	8.85E-15	3.20E-16	-8.93	25.9543865	-7.22E-02	32076270	32076393	NC_000006.11
cg12566747	8.88E-15	3.21E-16	-8.93	25.9514375	-1.27E-01	13134817	13134940	NC_000019.9
cg17839366	8.88E-15	3.21E-16	-8.93	25.9513463	-1.09E-01	121003270	121003393	NC_000002.11
cg11123595	8.91E-15	3.22E-16	-8.93	25.9473874	-1.43E-01	169376618	169376741	NC_000003.11

cg06974662	8.93E-15	3.23E-16	-8.93	25.9454734	-1.26E-01	8277080	8277203	NC_000001.10
cg19234983	8.93E-15	3.23E-16	-8.93	25.944601	-1.69E-01	211688020	211688143	NC_000001.10
cg25165975	8.94E-15	3.23E-16	-8.93	25.9436717	-1.24E-01	31855202	31855325	NC_000006.11
cg15472092	8.94E-15	3.23E-16	-8.93	25.9435541	-1.51E-01	150653079	150653202	NC_000007.13
cg27051231	8.95E-15	3.24E-16	-8.93	25.9428336	-1.69E-01	232213012	232213135	NC_000002.11
cg06240652	8.95E-15	3.24E-16	-8.93	25.9423367	-1.44E-01	201312367	201312490	NC_000002.11
cg13917047	8.95E-15	3.24E-16	-8.93	25.9422572	-1.56E-01	15406213	15406336	NC_000017.10
cg16009407	9.04E-15	3.27E-16	-8.92	25.9323217	-1.89E-01	8022191	8022314	NC_000004.11
cg16417118	9.09E-15	3.29E-16	-8.92	25.9268285	-1.58E-01	2162931	2163054	NC_000001.10
cg02171804	9.11E-15	3.30E-16	-8.92	25.9244811	-1.44E-01	105145974	105146097	NC_000014.8
cg13811955	9.11E-15	3.30E-16	-8.92	25.924158	-1.56E-01	1508375	1508498	NC_000011.9
cg05494269	9.15E-15	3.31E-16	-8.92	25.9194896	-8.64E-02	33373732	33373855	NC_000008.10
cg24728912	9.16E-15	3.32E-16	-8.92	25.9182445	-6.41E-02	14143221	14143344	NC_000005.9
cg05138403	9.19E-15	3.33E-16	-8.92	25.9151527	-2.06E-01	93510791	93510914	NC_000014.8
cg03678566	9.19E-15	3.33E-16	-8.92	25.9145723	-1.88E-01	68106018	68106141	NC_000011.9
cg08541297	9.22E-15	3.34E-16	-8.92	25.9115063	-1.26E-01	45962236	45962359	NC_000007.13
cg24505687	9.23E-15	3.34E-16	-8.92	25.910685	-1.30E-01	33548425	33548548	NC_000006.11
cg07761197	9.23E-15	3.34E-16	-8.92	25.9106552	-1.12E-01	1196657	1196780	NC_000016.9
cg06221393	9.23E-15	3.35E-16	-8.92	25.9097745	-1.11E-01	139089315	139089438	NC_000005.9
cg18674234	9.24E-15	3.35E-16	-8.92	25.9092021	-1.98E-01	78107677	78107800	NC_000014.8
cg27555944	9.25E-15	3.35E-16	-8.92	25.9081649	-5.08E-02	49056208	49056331	NC_000003.11
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cg24169915	9.29E-15	3.37E-16	-8.92	25.9032093	-1.79E-01	99177987	99178110	NC_000014.8
cg02892189	9.30E-15	3.37E-16	-8.92	25.9024064	-5.95E-02	6321676	6321799	NC_000001.10

cg19103536	9.30E-15	3.37E-16	-8.92	25.9020518	-1.33E-01	63397887	63398010	NC_000017.10
cg05451722	9.30E-15	3.37E-16	-8.92	25.9019679	-9.33E-02	145065385	145065508	NC_000008.10
cg02849953	9.33E-15	3.39E-16	-8.92	25.8984675	-1.17E-01	127984185	127984308	NC_000007.13
cg16399664	9.34E-15	3.39E-16	-8.92	25.8973525	-2.21E-01	113417284	113417407	NC_000012.11
cg04860852	9.35E-15	3.39E-16	-8.92	25.8962915	-8.45E-02	200993069	200993192	NC_000001.10
cg05940703	9.38E-15	3.40E-16	-8.92	25.8926814	-7.53E-02	6947032	6947155	NC_000017.10
cg21423741	9.39E-15	3.41E-16	-8.92	25.8919351	-1.66E-01	71099193	71099316	NC_000003.11
cg15856454	9.49E-15	3.45E-16	-8.92	25.8805195	-6.85E-02	50298001	50298124	NC_000003.11
cg19426827	9.51E-15	3.46E-16	-8.92	25.8780433	-1.23E-01	105191118	105191241	NC_000014.8
cg11331556	9.55E-15	3.47E-16	-8.92	25.8745911	-8.89E-02	32312356	32312479	NC_000005.9
cg06784339	9.55E-15	3.47E-16	-8.92	25.8743924	-5.14E-02	140179139	140179262	NC_000007.13
cg18798289	9.62E-15	3.50E-16	-8.91	25.8668246	-2.15E-01	72530245	72530368	NC_000005.9
cg05251269	9.63E-15	3.50E-16	-8.91	25.8655472	-1.93E-01	2083128	2083251	NC_000016.9
cg15572086	9.63E-15	3.50E-16	-8.91	25.8650111	-6.52E-02	116961459	116961582	NC_000001.10
cg17654660	9.64E-15	3.50E-16	-8.91	25.8640841	-1.59E-01	176784965	176785088	NC_000005.9
cg16468910	9.65E-15	3.51E-16	-8.91	25.8625884	-7.86E-02	125238791	125238914	NC_000003.11
cg20077028	9.68E-15	3.52E-16	-8.91	25.8596366	-1.95E-01	52208899	52209022	NC_000012.11
cg13488011	9.73E-15	3.54E-16	-8.91	25.8543105	-2.26E-01	81466841	81466964	NC_000015.9
cg04560630	9.74E-15	3.54E-16	-8.91	25.8530077	-1.43E-01	720683	720806	NC_000011.9
cg19794706	9.75E-15	3.55E-16	-8.91	25.8526037	-6.34E-02	75643232	75643355	NC_000014.8
cg01466741	9.76E-15	3.55E-16	-8.91	25.8510856	-1.40E-01	134733519	134733642	NC_000005.9
cg05729480	9.80E-15	3.57E-16	-8.91	25.8466834	-1.82E-01	75276428	75276551	NC_000017.10
cg24392889	9.81E-15	3.57E-16	-8.91	25.8454656	-8.33E-02	77775305	77775428	NC_000017.10
cg08196138	9.83E-15	3.58E-16	-8.91	25.8440154	-1.43E-01	114830277	114830400	NC_000013.10
cg15639045	9.83E-15	3.58E-16	-8.91	25.8438476	-5.48E-02	6947200	6947323	NC_000017.10

cg09831553	9.83E-15	3.58E-16	-8.91	25.8434651	-1.26E-01	60943241	60943364	NC_000020.10
cg12425700	9.88E-15	3.60E-16	-8.91	25.8377771	-1.47E-01	75186779	75186902	NC_000004.11
cg20305578	9.91E-15	3.61E-16	-8.91	25.8344709	-1.84E-01	1908301	1908424	NC_000008.10
cg17560015	9.92E-15	3.61E-16	-8.91	25.833778	-1.94E-01	145013249	145013372	NC_000008.10
cg21419528	9.95E-15	3.62E-16	-8.91	25.8308146	-6.52E-02	70481597	70481720	NC_000010.10
cg09406107	9.95E-15	3.63E-16	-8.91	25.8304979	-1.35E-01	236172440	236172563	NC_000002.11
cg08134301	9.97E-15	3.63E-16	-8.91	25.8282647	-7.50E-02	46415506	46415629	NC_000020.10
cg15688324	1.00E-14	3.65E-16	-8.91	25.824482	-2.16E-01	8102944	8103067	NC_000004.11
cg26987697	1.00E-14	3.65E-16	-8.91	25.8240436	-7.81E-02	47916498	47916621	NC_000004.11
cg21282282	1.00E-14	3.65E-16	-8.91	25.8229649	-2.05E-01	109705170	109705293	NC_000001.10
cg12876620	1.00E-14	3.66E-16	-8.91	25.821279	-1.51E-01	187635598	187635721	NC_000004.11
cg05750047	1.01E-14	3.67E-16	-8.91	25.8183395	-2.01E-01	149908085	149908208	NC_000001.10
cg01224366	1.01E-14	3.68E-16	-8.91	25.8164002	-2.15E-01	45148694	45148817	NC_000021.8
cg22376262	1.02E-14	3.71E-16	-8.9	25.8073382	-2.03E-01	148959887	148960010	NC_000007.13
cg27172175	1.02E-14	3.71E-16	-8.9	25.8073191	-1.92E-01	41495032	41495155	NC_000017.10
ch.13.1109452R	1.02E-14	3.72E-16	-8.9	25.8041663	-2.13E-02	75900802	75900925	NC_000013.10
cg16934235	1.03E-14	3.75E-16	-8.9	25.7967088	-2.31E-01	108423124	108423247	NC_000011.9
ch.7.313144R	1.03E-14	3.75E-16	-8.9	25.7965006	-6.25E-02	7827461	7827584	NC_000007.13
cg02829601	1.03E-14	3.76E-16	-8.9	25.7954342	-2.50E-01	159070959	159071082	NC_000006.11
cg07873848	1.03E-14	3.76E-16	-8.9	25.7942043	-1.12E-01	223288635	223288758	NC_000002.11
cg03254161	1.03E-14	3.77E-16	-8.9	25.7930269	-8.78E-02	76481199	76481322	NC_000017.10
cg02780120	1.03E-14	3.77E-16	-8.9	25.7924433	-7.81E-02	198300127	198300250	NC_000002.11
ch.7.134603089F	1.03E-14	3.77E-16	-8.9	25.7910793	-4.72E-02	134952549	134952672	NC_000007.13
cg01550473	1.04E-14	3.78E-16	-8.9	25.7882028	-8.06E-02	161493932	161494055	NC_000001.10
cg10770046	1.05E-14	3.82E-16	-8.9	25.7779755	-1.66E-01	6446787	6446910	NC_000001.10

cg22675922	1.05E-14	3.82E-16	-8.9	25.7776719	-1.68E-01	2889840	2889963	NC_000011.9
cg12176793	1.05E-14	3.84E-16	-8.9	25.7743043	-2.05E-01	90624127	90624250	NC_000008.10
cg16419342	1.05E-14	3.84E-16	-8.9	25.774269	-1.61E-01	2821200	2821323	NC_000011.9
cg00556029	1.06E-14	3.86E-16	-8.9	25.7684201	-1.40E-01	32802033	32802156	NC_000001.10
cg01710361	1.06E-14	3.86E-16	-8.9	25.7674021	-2.14E-01	51769687	51769810	NC_000001.10
cg17646250	1.06E-14	3.87E-16	-8.9	25.7664604	-1.72E-01	6759768	6759891	NC_000006.11
cg10585371	1.06E-14	3.89E-16	-8.9	25.7615518	-2.23E-01	30161665	30161788	NC_000001.10
cg07550267	1.07E-14	3.91E-16	-8.9	25.7570296	-7.38E-02	45241824	45241947	NC_000001.10
cg11031737	1.07E-14	3.92E-16	-8.9	25.7534855	-1.97E-01	27255755	27255878	NC_000011.9
cg10601624	1.07E-14	3.92E-16	-8.9	25.752514	-1.71E-01	6404377	6404500	NC_000012.11
cg14588027	1.07E-14	3.93E-16	-8.9	25.7502424	-6.26E-02	212872986	212873109	NC_000001.10
cg07220903	1.08E-14	3.93E-16	-8.9	25.7498679	-2.30E-01	46973284	46973407	NC_000003.11
cg14117138	1.08E-14	3.97E-16	-8.89	25.7416335	-1.23E-01	46800085	46800208	NC_000019.9
cg01970336	1.09E-14	3.98E-16	-8.89	25.739538	-1.46E-01	51986254	51986377	NC_000001.10
cg24662231	1.09E-14	3.98E-16	-8.89	25.7377278	-1.35E-01	41002433	41002556	NC_000017.10
cg13760060	1.09E-14	3.99E-16	-8.89	25.7362582	-1.88E-01	73212577	73212700	NC_000014.8
cg06196379	1.09E-14	3.99E-16	-8.89	25.7350087	-1.55E-01	41254885	41255008	NC_000006.11
cg06582411	1.10E-14	4.01E-16	-8.89	25.7304135	-1.63E-01	100229865	100229988	NC_000007.13
cg18887096	1.10E-14	4.01E-16	-8.89	25.7297328	-1.31E-01	219472410	219472533	NC_000002.11
cg27495223	1.10E-14	4.02E-16	-8.89	25.7294996	-1.68E-01	14758289	14758412	NC_000003.11
cg03457485	1.10E-14	4.02E-16	-8.89	25.72847	-1.31E-01	63753251	63753374	NC_000011.9
cg06866686	1.10E-14	4.02E-16	-8.89	25.7282723	-9.92E-02	95236879	95237002	NC_000014.8
cg01037823	1.10E-14	4.02E-16	-8.89	25.7279588	-1.64E-01	2879998	2880121	NC_000016.9
cg21283302	1.10E-14	4.03E-16	-8.89	25.7268798	-1.76E-01	101596131	101596254	NC_000007.13
cg03532013	1.10E-14	4.04E-16	-8.89	25.7231217	-2.21E-01	42592983	42593106	NC_000019.9

ch.16.55305377R	1.10E-14	4.05E-16	-8.89	25.7213378	-5.53E-02	56747876	56747999	NC_000016.9
cg16419414	1.11E-14	4.07E-16	-8.89	25.7158094	-1.79E-01	76576713	76576836	NC_000010.10
cg14032261	1.12E-14	4.09E-16	-8.89	25.7109922	-1.97E-01	211909305	211909428	NC_000001.10
cg08772302	1.12E-14	4.09E-16	-8.89	25.7106685	-1.61E-01	37826337	37826460	NC_000008.10
ch.2.396050F	1.12E-14	4.09E-16	-8.89	25.7101659	-7.12E-02	15050905	15051028	NC_000002.11
ch.7.3189261R	1.12E-14	4.10E-16	-8.89	25.7092494	-1.32E-01	151489100	151489223	NC_000007.13
cg08724369	1.12E-14	4.10E-16	-8.89	25.7077434	-6.88E-02	43423757	43423880	NC_000006.11
ch.7.1700983F	1.13E-14	4.13E-16	-8.89	25.7011742	-7.19E-02	77269758	77269881	NC_000007.13
cg07947615	1.13E-14	4.15E-16	-8.89	25.6967916	-1.81E-01	101449311	101449434	NC_000014.8
cg12322672	1.13E-14	4.15E-16	-8.89	25.6958204	-1.76E-01	126761638	126761761	NC_000011.9
cg04951638	1.13E-14	4.16E-16	-8.89	25.6951023	-1.74E-01	78593781	78593904	NC_000017.10
cg24185852	1.14E-14	4.18E-16	-8.89	25.6889946	-1.30E-01	168690818	168690941	NC_000005.9
cg19860160	1.14E-14	4.19E-16	-8.89	25.6883688	-1.81E-01	1045382	1045505	NC_000001.10
cg19907293	1.14E-14	4.20E-16	-8.89	25.6844476	-1.85E-01	217448253	217448376	NC_000002.11
cg01161936	1.15E-14	4.21E-16	-8.88	25.6825851	-6.00E-02	57224878	57225001	NC_000011.9
cg07216976	1.15E-14	4.21E-16	-8.88	25.6816391	-9.71E-02	116581248	116581371	NC_000010.10
cg03297966	1.15E-14	4.22E-16	-8.88	25.6799657	-6.04E-02	77818419	77818542	NC_000004.11
cg23954655	1.15E-14	4.24E-16	-8.88	25.675713	-1.69E-01	99223562	99223685	NC_000013.10
cg11672772	1.15E-14	4.25E-16	-8.88	25.6742499	-1.92E-01	75078286	75078409	NC_000002.11
cg05474943	1.16E-14	4.25E-16	-8.88	25.6732338	-1.70E-01	6732464	6732587	NC_000004.11
cg16377880	1.16E-14	4.25E-16	-8.88	25.6728753	-1.63E-01	15751167	15751290	NC_000019.9
cg19563510	1.16E-14	4.27E-16	-8.88	25.6689878	-1.47E-01	79881483	79881606	NC_000017.10
cg14702960	1.16E-14	4.27E-16	-8.88	25.6677055	-1.64E-01	68634040	68634163	NC_000012.11
cg12903224	1.16E-14	4.28E-16	-8.88	25.6659942	-1.71E-01	29470962	29471085	NC_000012.11
cg09888283	1.17E-14	4.29E-16	-8.88	25.6637185	-1.69E-01	2211524	2211647	NC_000001.10

cg09148608	1.17E-14	4.29E-16	-8.88	25.6636249	-1.72E-01	31464034	31464157	NC_000016.9
cg15584221	1.18E-14	4.33E-16	-8.88	25.6555937	-1.89E-01	210546902	210547025	NC_000001.10
cg27146152	1.18E-14	4.34E-16	-8.88	25.6535558	-1.69E-01	6659364	6659487	NC_000017.10
cg07718444	1.18E-14	4.34E-16	-8.88	25.6521086	-1.02E-01	1094080	1094203	NC_000001.10
cg22730655	1.18E-14	4.35E-16	-8.88	25.6515287	-1.46E-01	9350073	9350196	NC_000001.10
cg23199907	1.18E-14	4.35E-16	-8.88	25.6510747	-1.87E-01	33305966	33306089	NC_000013.10
cg24735307	1.19E-14	4.37E-16	-8.88	25.6468361	-6.33E-02	102881114	102881237	NC_000010.10
cg15175581	1.19E-14	4.37E-16	-8.88	25.6463538	-1.19E-01	33360262	33360385	NC_000015.9
cg02575483	1.19E-14	4.37E-16	-8.88	25.6463517	-2.13E-01	117826706	117826829	NC_000006.11
cg07812957	1.19E-14	4.40E-16	-8.88	25.6400666	-1.97E-01	16466298	16466421	NC_000019.9
cg27613174	1.19E-14	4.40E-16	-8.88	25.6392623	-4.11E-02	2559966	2560089	NC_000007.13
cg03272310	1.20E-14	4.41E-16	-8.88	25.6361152	-1.42E-01	39704454	39704577	NC_000017.10
cg13630114	1.20E-14	4.42E-16	-8.88	25.6345754	-1.85E-01	102208423	102208546	NC_000009.11
cg13354934	1.20E-14	4.42E-16	-8.88	25.6336839	-1.31E-01	1296093	1296216	NC_000001.10
cg18900669	1.20E-14	4.43E-16	-8.88	25.6331025	-1.22E-01	7482456	7482579	NC_000017.10
cg07354371	1.20E-14	4.43E-16	-8.88	25.6325895	-5.58E-02	43736391	43736514	NC_000001.10
cg02938926	1.20E-14	4.44E-16	-8.88	25.6312608	-1.43E-01	19897553	19897676	NC_000016.9
cg26992186	1.20E-14	4.44E-16	-8.88	25.6290931	-1.81E-01	44224132	44224255	NC_000007.13
cg00221185	1.20E-14	4.45E-16	-8.88	25.6289261	-2.46E-01	30652268	30652391	NC_000006.11
cg04973925	1.21E-14	4.45E-16	-8.88	25.6280393	-1.21E-01	49218062	49218185	NC_000015.9
cg05129050	1.21E-14	4.45E-16	-8.88	25.6279218	-1.31E-01	7178026	7178149	NC_000001.10
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cg01279378	1.21E-14	4.47E-16	-8.88	25.623252	-1.03E-01	40531871	40531994	NC_000015.9
cg08108911	1.21E-14	4.48E-16	-8.87	25.6201871	-4.05E-02	157015297	157015420	NC_000001.10
cg01916724	1.22E-14	4.49E-16	-8.87	25.6187109	-8.42E-02	51975220	51975343	NC_000003.11

cg24699699	1.23E-14	4.53E-16	-8.87	25.6105659	-1.48E-01	93258316	93258439	NC_000001.10
cg08220149	1.23E-14	4.54E-16	-8.87	25.6079096	-2.18E-01	15766327	15766450	NC_000016.9
cg20587127	1.23E-14	4.54E-16	-8.87	25.6075572	-4.35E-02	84255925	84256048	NC_000004.11
cg19046216	1.23E-14	4.55E-16	-8.87	25.6067621	-4.34E-02	84743257	84743380	NC_000006.11
cg05523897	1.23E-14	4.56E-16	-8.87	25.6044095	-1.77E-01	2139175	2139298	NC_000001.10
cg05798664	1.24E-14	4.57E-16	-8.87	25.6025524	-1.95E-01	36825645	36825768	NC_000001.10
cg22661082	1.24E-14	4.57E-16	-8.87	25.6013303	-1.69E-01	189558080	189558203	NC_000002.11
cg04772683	1.24E-14	4.57E-16	-8.87	25.6007028	-1.73E-01	51522641	51522764	NC_000019.9
cg04308040	1.24E-14	4.59E-16	-8.87	25.5973859	-1.37E-01	44942303	44942426	NC_000013.10
cg04379703	1.24E-14	4.59E-16	-8.87	25.5963328	-2.01E-01	13053208	13053331	NC_000003.11
cg20327105	1.24E-14	4.60E-16	-8.87	25.5958186	-9.60E-02	170043996	170044119	NC_000001.10
cg14537800	1.24E-14	4.60E-16	-8.87	25.5950524	-9.02E-02	15964950	15965073	NC_000004.11
cg16534399	1.24E-14	4.60E-16	-8.87	25.594962	-1.82E-01	82226584	82226707	NC_000016.9
cg13446235	1.25E-14	4.61E-16	-8.87	25.5920775	-5.50E-02	90039146	90039269	NC_000016.9
cg18070470	1.25E-14	4.62E-16	-8.87	25.5910656	-8.70E-02	130614013	130614136	NC_000003.11
ch.7.109945386F	1.25E-14	4.62E-16	-8.87	25.5909459	-6.61E-02	110158150	110158273	NC_000007.13
cg13247117	1.25E-14	4.62E-16	-8.87	25.5907718	-1.68E-01	41118770	41118893	NC_000001.10
cg07702819	1.25E-14	4.63E-16	-8.87	25.5890138	-8.27E-02	322876	322999	NC_000012.11
cg02698806	1.25E-14	4.63E-16	-8.87	25.588834	-1.86E-01	10522874	10522997	NC_000002.11
cg02187196	1.25E-14	4.64E-16	-8.87	25.586184	-9.78E-02	3869020	3869143	NC_000020.10
cg04139043	1.26E-14	4.66E-16	-8.87	25.5821083	-1.79E-01	18193291	18193414	NC_000001.10
cg20161791	1.26E-14	4.66E-16	-8.87	25.581854	-1.41E-01	2558431	2558554	NC_000007.13
cg03693486	1.26E-14	4.66E-16	-8.87	25.5813695	-1.26E-01	20914322	20914445	NC_000001.10
cg25960191	1.26E-14	4.67E-16	-8.87	25.579562	-5.42E-02	30601454	30601577	NC_000008.10
cg04213073	1.26E-14	4.68E-16	-8.87	25.5789496	-1.55E-01	169309596	169309719	NC_000006.11



cg25635864	1.27E-14	4.69E-16	-8.87	25.5749588	-9.52E-02	66103386	66103509	NC_000011.9
cg26036443	1.27E-14	4.70E-16	-8.87	25.5742263	-8.56E-02	48216402	48216525	NC_000019.9
cg25388447	1.27E-14	4.70E-16	-8.87	25.5729742	-7.72E-02	13975628	13975751	NC_000019.9
cg13257690	1.27E-14	4.71E-16	-8.87	25.5725163	-2.14E-01	101908752	101908875	NC_000014.8
cg08439439	1.27E-14	4.72E-16	-8.87	25.5699038	-1.79E-01	149190883	149191006	NC_000006.11
cg20359793	1.28E-14	4.74E-16	-8.87	25.5654289	-1.51E-01	52887054	52887177	NC_000012.11
cg00352106	1.28E-14	4.74E-16	-8.87	25.5652706	-1.65E-01	39864197	39864320	NC_000001.10
cg13373343	1.28E-14	4.74E-16	-8.87	25.5648254	-1.67E-01	95552972	95553095	NC_000001.10
cg01244006	1.28E-14	4.75E-16	-8.87	25.5637888	-1.39E-01	6485916	6486039	NC_000012.11
cg22844623	1.28E-14	4.75E-16	-8.87	25.5625099	-1.68E-01	228336130	228336253	NC_000001.10
cg02047661	1.28E-14	4.76E-16	-8.87	25.5623316	-1.70E-01	51976883	51977006	NC_000003.11
cg17346857	1.29E-14	4.77E-16	-8.87	25.5598037	-2.23E-01	66639560	66639683	NC_000016.9
cg23051272	1.30E-14	4.81E-16	-8.86	25.5515434	-1.25E-01	17589471	17589594	NC_000017.10
cg20251199	1.30E-14	4.83E-16	-8.86	25.5468177	-9.18E-02	235291349	235291472	NC_000001.10
cg25116882	1.30E-14	4.84E-16	-8.86	25.5457592	-8.88E-02	40013680	40013803	NC_000012.11
cg19979896	1.30E-14	4.84E-16	-8.86	25.5448742	-1.52E-01	150212118	150212241	NC_000006.11
cg23419447	1.30E-14	4.84E-16	-8.86	25.5443285	-1.29E-01	1507347	1507470	NC_000011.9
cg14152785	1.31E-14	4.86E-16	-8.86	25.5410832	-1.17E-01	37557185	37557308	NC_000008.10
cg25227335	1.31E-14	4.86E-16	-8.86	25.5408024	-5.66E-02	27528703	27528826	NC_000011.9
cg04637454	1.31E-14	4.86E-16	-8.86	25.5405403	-1.57E-01	41651066	41651189	NC_000006.11
cg20778199	1.31E-14	4.86E-16	-8.86	25.5403953	-1.62E-01	148020881	148021004	NC_000006.11
cg10105262	1.31E-14	4.87E-16	-8.86	25.5381761	-1.86E-01	224730478	224730601	NC_000001.10
cg15983605	1.31E-14	4.88E-16	-8.86	25.5368524	-1.64E-01	7927557	7927680	NC_000011.9
cg18339598	1.32E-14	4.89E-16	-8.86	25.5338952	-1.30E-01	238065252	238065375	NC_000002.11
cg12594803	1.32E-14	4.90E-16	-8.86	25.5336131	-2.11E-01	196908930	196909053	NC_000003.11

cg00500936	1.32E-14	4.91E-16	-8.86	25.5312595	-6.10E-02	121735583	121735706	NC_000012.11
cg01397449	1.32E-14	4.91E-16	-8.86	25.5311766	-1.33E-01	67220541	67220664	NC_000016.9
cg03718883	1.32E-14	4.91E-16	-8.86	25.5304303	-1.55E-01	2098414	2098537	NC_000011.9
cg24078695	1.32E-14	4.92E-16	-8.86	25.5288988	-2.18E-01	230882977	230883100	NC_000001.10
cg17440044	1.32E-14	4.92E-16	-8.86	25.527988	-1.63E-01	100167198	100167321	NC_000007.13
cg21525032	1.32E-14	4.92E-16	-8.86	25.5279037	-1.93E-01	80372493	80372616	NC_000017.10
cg02262553	1.33E-14	4.94E-16	-8.86	25.525294	-2.09E-01	87849250	87849373	NC_000004.11
cg25193885	1.33E-14	4.96E-16	-8.86	25.5214087	-1.73E-01	70328867	70328990	NC_000011.9
ch.19.1079710R	1.33E-14	4.96E-16	-8.86	25.5208351	-5.48E-02	33483456	33483579	NC_000019.9
cg05574870	1.34E-14	4.98E-16	-8.86	25.5163259	-2.38E-01	4054124	4054247	NC_000019.9
cg07744912	1.34E-14	4.99E-16	-8.86	25.5147455	-1.18E-01	3063680	3063803	NC_000016.9
cg04802386	1.34E-14	4.99E-16	-8.86	25.5145067	-2.00E-01	103998345	103998468	NC_000004.11
cg02499614	1.34E-14	5.00E-16	-8.86	25.5118396	-1.31E-01	141250718	141250841	NC_000005.9
cg18894552	1.35E-14	5.01E-16	-8.86	25.5115698	-1.89E-01	53478112	53478235	NC_000014.8
cg13967646	1.35E-14	5.01E-16	-8.86	25.5113319	-4.19E-02	219263467	219263590	NC_000002.11
cg19628758	1.35E-14	5.01E-16	-8.86	25.5111901	-5.96E-02	47973951	47974074	NC_000001.10
ch.17.1746650F	1.35E-14	5.02E-16	-8.86	25.5095359	-6.37E-02	65640171	65640294	NC_000017.10
cg21167046	1.35E-14	5.02E-16	-8.86	25.5092039	-1.62E-01	1295078	1295201	NC_000004.11
cg27133034	1.35E-14	5.02E-16	-8.86	25.5091801	-1.79E-01	12235611	12235734	NC_000011.9
cg10715147	1.35E-14	5.03E-16	-8.86	25.507002	-1.79E-01	42186473	42186596	NC_000015.9
cg09900436	1.35E-14	5.04E-16	-8.86	25.5041697	-1.56E-01	58630954	58631077	NC_000020.10
cg15044760	1.36E-14	5.05E-16	-8.86	25.5025957	-1.42E-01	45177243	45177366	NC_000002.11
cg23937993	1.36E-14	5.06E-16	-8.86	25.500856	-1.78E-01	10477847	10477970	NC_000011.9
cg00722081	1.36E-14	5.07E-16	-8.86	25.4985234	-2.21E-01	61147668	61147791	NC_000010.10
cg27477067	1.36E-14	5.08E-16	-8.86	25.4976914	-1.57E-01	2966810	2966933	NC_000011.9

cg18587504	1.36E-14	5.09E-16	-8.86	25.4956343	-1.48E-01	57598576	57598699	NC_000015.9
cg04233669	1.37E-14	5.11E-16	-8.85	25.4916968	-2.17E-01	135173201	135173324	NC_000005.9
cg03106056	1.37E-14	5.12E-16	-8.85	25.4891257	-1.87E-01	217237937	217238060	NC_000002.11
cg20811730	1.38E-14	5.15E-16	-8.85	25.4829872	-7.86E-02	150293902	150294025	NC_000001.10
cg08932727	1.39E-14	5.17E-16	-8.85	25.4798439	-1.68E-01	328182	328305	NC_000006.11
cg13798885	1.39E-14	5.17E-16	-8.85	25.4787504	-1.70E-01	13968277	13968400	NC_000004.11
cg21449597	1.39E-14	5.18E-16	-8.85	25.4778728	-1.64E-01	154036828	154036951	NC_000004.11
cg17758721	1.40E-14	5.23E-16	-8.85	25.4675344	-3.15E-02	2451208	2451331	NC_000020.10
cg17176423	1.41E-14	5.26E-16	-8.85	25.4618344	-8.85E-02	85278581	85278704	NC_000015.9
cg15440661	1.42E-14	5.30E-16	-8.85	25.455345	-1.24E-01	43395871	43395994	NC_000002.11
cg01184520	1.42E-14	5.31E-16	-8.85	25.4530198	-7.48E-02	75032509	75032632	NC_000016.9
cg00600477	1.42E-14	5.32E-16	-8.85	25.4504392	-1.64E-01	144715010	144715133	NC_000008.10
cg18271897	1.43E-14	5.33E-16	-8.85	25.4500363	-2.03E-01	75316784	75316907	NC_000017.10
cg01422467	1.43E-14	5.33E-16	-8.85	25.44926	-2.01E-01	103998289	103998412	NC_000004.11
cg11945668	1.43E-14	5.33E-16	-8.85	25.448724	-2.06E-01	436905	437028	NC_000006.11
cg26470101	1.43E-14	5.35E-16	-8.85	25.445934	-1.71E-01	173099597	173099720	NC_000002.11
cg19458497	1.43E-14	5.35E-16	-8.85	25.4457413	-1.50E-01	63403371	63403494	NC_000011.9
cg10549071	1.43E-14	5.36E-16	-8.85	25.4441959	-1.90E-01	235160451	235160574	NC_000002.11
cg23340875	1.44E-14	5.37E-16	-8.85	25.4421576	-3.10E-02	48711990	48712113	NC_000017.10
cg06623778	1.44E-14	5.37E-16	-8.85	25.4417778	-1.68E-01	848409	848532	NC_000001.10
cg11119767	1.44E-14	5.38E-16	-8.85	25.4409483	-1.64E-01	174024669	174024792	NC_000002.11
cg13285077	1.44E-14	5.38E-16	-8.85	25.4399443	-1.42E-01	134651819	134651942	NC_000011.9
cg02037573	1.44E-14	5.40E-16	-8.85	25.4369219	-1.31E-01	45148056	45148179	NC_000003.11
cg07499317	1.44E-14	5.40E-16	-8.85	25.4359212	-1.50E-01	179758012	179758135	NC_000005.9
cg02111705	1.45E-14	5.41E-16	-8.85	25.4353205	-6.02E-02	43065244	43065367	NC_000005.9

cg18780489	1.45E-14	5.43E-16	-8.85	25.4313637	-1.48E-01	28807568	28807691	NC_000002.11
cg12142865	1.45E-14	5.44E-16	-8.84	25.4292294	-8.31E-02	112211993	112212116	NC_000012.11
cg02104392	1.45E-14	5.44E-16	-8.84	25.4287607	-1.69E-01	134578960	134579083	NC_000002.11
cg04903600	1.46E-14	5.45E-16	-8.84	25.4280468	-1.33E-01	1105746	1105869	NC_000019.9
cg27098900	1.46E-14	5.45E-16	-8.84	25.4268738	-2.44E-01	33245128	33245251	NC_000006.11
cg24542725	1.46E-14	5.46E-16	-8.84	25.4252537	-5.49E-02	99724244	99724367	NC_000007.13
ch.12.2545474F	1.46E-14	5.47E-16	-8.84	25.4243906	-5.09E-02	122169458	122169581	NC_000012.11
cg01127300	1.46E-14	5.47E-16	-8.84	25.4230582	-1.35E-01	38614796	38614919	NC_000022.10
cg12829045	1.46E-14	5.48E-16	-8.84	25.421804	-1.83E-01	77228852	77228975	NC_000010.10
cg26247309	1.47E-14	5.49E-16	-8.84	25.4206075	-9.18E-02	149501835	149501958	NC_000005.9
cg04024572	1.47E-14	5.50E-16	-8.84	25.4177647	-8.02E-02	65657704	65657827	NC_000011.9
cg16102971	1.47E-14	5.51E-16	-8.84	25.4172905	-1.08E-01	78424330	78424453	NC_000017.10
cg00845319	1.47E-14	5.51E-16	-8.84	25.4157442	-1.46E-01	28520623	28520746	NC_000001.10
cg16477417	1.47E-14	5.52E-16	-8.84	25.4156404	-1.44E-01	73342168	73342291	NC_000017.10
cg10927461	1.47E-14	5.52E-16	-8.84	25.4151327	-1.97E-01	122530159	122530282	NC_000002.11
cg25737218	1.47E-14	5.52E-16	-8.84	25.4144719	-1.52E-01	944415	944538	NC_000019.9
cg14160433	1.48E-14	5.54E-16	-8.84	25.4120865	-1.64E-01	138749560	138749683	NC_000009.11
cg09895653	1.48E-14	5.54E-16	-8.84	25.411868	-1.56E-01	50925201	50925324	NC_000022.10
cg08076617	1.48E-14	5.54E-16	-8.84	25.4112736	-1.65E-01	176739172	176739295	NC_000005.9
cg03865524	1.48E-14	5.54E-16	-8.84	25.4107401	-1.18E-01	45360781	45360904	NC_000010.10
cg04057956	1.48E-14	5.55E-16	-8.84	25.4089874	-2.16E-01	6339200	6339323	NC_000012.11
cg02709321	1.49E-14	5.58E-16	-8.84	25.4044529	-1.50E-01	52581551	52581674	NC_000016.9
cg07277818	1.49E-14	5.59E-16	-8.84	25.4029955	-5.95E-02	137774639	137774762	NC_000005.9
cg13521048	1.50E-14	5.61E-16	-8.84	25.3982429	-1.33E-01	46294356	46294479	NC_000021.8
cg24775616	1.50E-14	5.62E-16	-8.84	25.3976639	-1.00E-01	1157257	1157380	NC_000017.10

cg14705643	1.50E-14	5.62E-16	-8.84	25.3968481	-1.07E-01	184287328	184287451	NC_000003.11
cg26817573	1.50E-14	5.63E-16	-8.84	25.3959705	-8.78E-02	64126729	64126852	NC_000015.9
cg01267262	1.50E-14	5.63E-16	-8.84	25.395661	-5.30E-02	219926062	219926185	NC_000002.11
cg18914962	1.50E-14	5.63E-16	-8.84	25.3952711	-1.83E-01	136914796	136914919	NC_000006.11
cg00500428	1.50E-14	5.64E-16	-8.84	25.3940635	-6.29E-02	3074502	3074625	NC_000016.9
cg23897302	1.50E-14	5.64E-16	-8.84	25.3933774	-1.66E-01	103393970	103394093	NC_000014.8
cg06182329	1.50E-14	5.64E-16	-8.84	25.3931469	-7.52E-02	50706483	50706606	NC_000019.9
cg25033360	1.50E-14	5.65E-16	-8.84	25.3924463	-1.38E-01	36886443	36886566	NC_000001.10
cg22611163	1.51E-14	5.65E-16	-8.84	25.3915817	-1.10E-01	201829094	201829217	NC_000002.11
cg03719032	1.51E-14	5.66E-16	-8.84	25.3908167	-1.21E-01	19374710	19374833	NC_000019.9
cg06568535	1.51E-14	5.66E-16	-8.84	25.3903702	-9.77E-02	29323042	29323165	NC_000003.11
cg27537048	1.51E-14	5.66E-16	-8.84	25.3893407	-4.58E-02	5147165	5147288	NC_000016.9
cg15902874	1.51E-14	5.67E-16	-8.84	25.3885903	-7.40E-02	31677716	31677839	NC_000014.8
cg08535779	1.51E-14	5.67E-16	-8.84	25.3882511	-1.47E-01	2475961	2476084	NC_000001.10
cg01435109	1.51E-14	5.67E-16	-8.84	25.3877586	-1.41E-01	23496648	23496771	NC_000001.10
cg25512587	1.51E-14	5.68E-16	-8.84	25.3868704	-3.19E-02	136344026	136344149	NC_000009.11
cg11401820	1.52E-14	5.69E-16	-8.84	25.3846131	-1.90E-01	82425284	82425407	NC_000015.9
cg13639341	1.52E-14	5.70E-16	-8.84	25.3832158	-1.18E-01	271672	271795	NC_000020.10
cg27117792	1.52E-14	5.71E-16	-8.84	25.3817808	-1.68E-01	102330180	102330303	NC_000012.11
cg21680327	1.52E-14	5.72E-16	-8.84	25.3794281	-1.15E-01	36108225	36108348	NC_000001.10
cg26859016	1.52E-14	5.72E-16	-8.84	25.3791527	-1.33E-01	206643375	206643498	NC_000001.10
cg05907835	1.53E-14	5.73E-16	-8.84	25.3780376	-2.04E-01	31214346	31214469	NC_000016.9
cg12634276	1.53E-14	5.73E-16	-8.84	25.3773486	-8.49E-02	53578311	53578434	NC_000004.11
cg03553308	1.53E-14	5.74E-16	-8.84	25.3766559	-9.49E-02	30069250	30069373	NC_000006.11
cg23104951	1.53E-14	5.74E-16	-8.84	25.376034	-1.74E-01	39855586	39855709	NC_000006.11

cg11949874	1.53E-14	5.74E-16	-8.84	25.3754981	-1.15E-01	11381935	11382058	NC_000001.10
cg05026186	1.53E-14	5.77E-16	-8.84	25.3718661	-1.08E-01	148520876	148520999	NC_000005.9
cg22013019	1.53E-14	5.77E-16	-8.84	25.3717837	-1.55E-01	1558789	1558912	NC_000006.11
cg22862656	1.54E-14	5.78E-16	-8.84	25.3695335	-1.70E-01	62037659	62037782	NC_000011.9
cg16715194	1.54E-14	5.78E-16	-8.84	25.3685253	-9.01E-02	233430825	233430948	NC_000001.10
cg19641327	1.54E-14	5.79E-16	-8.84	25.3679734	-1.41E-01	15834770	15834893	NC_000005.9
cg24848602	1.54E-14	5.79E-16	-8.84	25.3677338	-5.61E-02	182573453	182573576	NC_000001.10
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cg02844899	1.54E-14	5.80E-16	-8.83	25.3655064	-1.34E-01	47182345	47182468	NC_000002.11
cg23516634	1.55E-14	5.82E-16	-8.83	25.3632415	-4.44E-02	5068177	5068300	NC_000003.11
cg12097550	1.55E-14	5.83E-16	-8.83	25.361185	-1.32E-01	54068942	54069065	NC_000012.11
cg04960065	1.55E-14	5.83E-16	-8.83	25.3607805	-2.04E-01	185189300	185189423	NC_000004.11
cg05146544	1.55E-14	5.83E-16	-8.83	25.3605645	-9.79E-02	134785775	134785898	NC_000002.11
cg22905866	1.56E-14	5.85E-16	-8.83	25.3569067	-1.91E-01	185468777	185468900	NC_000004.11
cg03907847	1.56E-14	5.85E-16	-8.83	25.3567649	-1.51E-01	28495908	28496031	NC_000013.10
cg20703752	1.56E-14	5.88E-16	-8.83	25.3520659	-6.27E-02	42977117	42977240	NC_000017.10
cg08494738	1.56E-14	5.88E-16	-8.83	25.3519903	-2.20E-01	4369512	4369635	NC_000016.9
ch.11.1684505R	1.57E-14	5.91E-16	-8.83	25.3478115	-6.54E-02	77410861	77410984	NC_000011.9
cg23980760	1.57E-14	5.91E-16	-8.83	25.3472787	-1.57E-01	44069581	44069704	NC_000011.9
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cg02520399	1.57E-14	5.91E-16	-8.83	25.3464991	-1.74E-01	8168661	8168784	NC_000008.10
cg24531401	1.58E-14	5.95E-16	-8.83	25.3407955	-1.18E-01	1513791	1513914	NC_000007.13
cg11378101	1.58E-14	5.95E-16	-8.83	25.3400456	-2.25E-01	94826095	94826218	NC_000011.9
cg04156850	1.58E-14	5.96E-16	-8.83	25.3386324	-7.22E-02	73402572	73402695	NC_000017.10
cg24499839	1.58E-14	5.97E-16	-8.83	25.3370063	-4.72E-02	231762238	231762361	NC_000001.10

cg12554573	1.59E-14	5.98E-16	-8.83	25.3357078	-1.73E-01	51976667	51976790	NC_000003.11
cg20459687	1.59E-14	5.98E-16	-8.83	25.3355747	-2.11E-01	99128579	99128702	NC_000013.10
cg23298114	1.59E-14	5.98E-16	-8.83	25.3351689	-2.10E-01	118933411	118933534	NC_000008.10
cg03992830	1.59E-14	6.00E-16	-8.83	25.332572	-1.75E-01	67681065	67681188	NC_000016.9
cg19670610	1.59E-14	6.00E-16	-8.83	25.3319201	-2.09E-01	89455337	89455460	NC_000004.11
cg00117599	1.60E-14	6.01E-16	-8.83	25.3300289	-1.34E-01	45962589	45962712	NC_000017.10
cg06139893	1.60E-14	6.02E-16	-8.83	25.328747	-1.52E-01	47404109	47404232	NC_000021.8
cg10575376	1.60E-14	6.03E-16	-8.83	25.3278688	-7.13E-02	124246446	124246569	NC_000012.11
cg18232841	1.61E-14	6.05E-16	-8.83	25.3233887	-1.52E-01	35615103	35615226	NC_000019.9
cg06028605	1.61E-14	6.07E-16	-8.83	25.3215422	-1.23E-01	24865363	24865486	NC_000016.9
cg19741026	1.61E-14	6.07E-16	-8.83	25.3215382	-1.48E-01	962743	962866	NC_000007.13
cg15520443	1.61E-14	6.07E-16	-8.83	25.3209202	-1.98E-01	119018877	119019000	NC_000010.10
cg10098541	1.61E-14	6.08E-16	-8.83	25.3187913	-1.43E-01	122785650	122785773	NC_000003.11
cg15163247	1.61E-14	6.09E-16	-8.83	25.3169364	-5.64E-02	49617468	49617591	NC_000019.9
cg03398156	1.62E-14	6.10E-16	-8.83	25.3167717	-1.46E-01	220154779	220154902	NC_000002.11
cg24087403	1.62E-14	6.11E-16	-8.83	25.3145781	-4.66E-02	71078535	71078658	NC_000010.10
cg01378158	1.62E-14	6.11E-16	-8.83	25.3142673	-1.54E-01	67312308	67312431	NC_000016.9
cg23116540	1.62E-14	6.13E-16	-8.83	25.3113397	-1.76E-01	39871808	39871931	NC_000015.9
cg12209165	1.62E-14	6.13E-16	-8.83	25.3109207	-7.22E-02	132073546	132073669	NC_000005.9
cg07183691	1.62E-14	6.13E-16	-8.83	25.3106339	-1.46E-01	43241683	43241806	NC_000021.8
cg11709405	1.63E-14	6.16E-16	-8.83	25.3067063	-2.30E-01	24649398	24649521	NC_000001.10
cg12743031	1.64E-14	6.18E-16	-8.82	25.3034276	-1.79E-01	27219512	27219635	NC_000008.10
cg03257417	1.64E-14	6.18E-16	-8.82	25.3023817	-1.42E-01	111189871	111189994	NC_000001.10
cg13309027	1.65E-14	6.21E-16	-8.82	25.2977534	-1.09E-01	47870224	47870347	NC_000011.9
cg05416911	1.65E-14	6.22E-16	-8.82	25.2968421	-1.36E-01	7176049	7176172	NC_000012.11

cg25826546	1.65E-14	6.23E-16	-8.82	25.2958331	-7.27E-02	100770060	100770183	NC_000007.13
cg21325822	1.65E-14	6.23E-16	-8.82	25.2946935	-1.07E-01	154497591	154497714	NC_000003.11
cg18874307	1.65E-14	6.25E-16	-8.82	25.2926463	-8.07E-02	58027504	58027627	NC_000012.11
cg19673155	1.66E-14	6.27E-16	-8.82	25.2886767	-1.73E-01	72995181	72995304	NC_000010.10
cg27293078	1.66E-14	6.27E-16	-8.82	25.2882984	-1.32E-01	129685609	129685732	NC_000011.9
cg19730813	1.66E-14	6.28E-16	-8.82	25.2874063	-1.06E-01	128470217	128470340	NC_000007.13
ch.8.120035F	1.67E-14	6.30E-16	-8.82	25.2845212	-8.36E-02	3631202	3631325	NC_000008.10
cg07821739	1.67E-14	6.30E-16	-8.82	25.2842924	-1.08E-01	26347541	26347664	NC_000001.10
cg14560364	1.67E-14	6.30E-16	-8.82	25.2836756	-1.71E-01	34686892	34687015	NC_000009.11
cg03052794	1.67E-14	6.31E-16	-8.82	25.2830513	-1.30E-01	908894	909017	NC_000019.9
cg12215294	1.67E-14	6.32E-16	-8.82	25.2811018	-7.85E-02	40350768	40350891	NC_000003.11
cg01435678	1.67E-14	6.33E-16	-8.82	25.2801979	-1.55E-01	154377379	154377502	NC_000001.10
cg00042568	1.67E-14	6.33E-16	-8.82	25.2801926	-8.25E-02	14987939	14988062	NC_000003.11
cg19915762	1.67E-14	6.33E-16	-8.82	25.2797891	-1.28E-01	64023086	64023209	NC_000011.9
cg15744128	1.67E-14	6.33E-16	-8.82	25.2792972	-1.49E-01	27850964	27851087	NC_000002.11
cg15818008	1.68E-14	6.35E-16	-8.82	25.275859	-2.26E-01	112126170	112126293	NC_000011.9
cg12384236	1.68E-14	6.36E-16	-8.82	25.2750371	-1.30E-01	42880714	42880837	NC_000021.8
ch.4.90357449R	1.69E-14	6.39E-16	-8.82	25.2706728	-4.00E-02	90138426	90138549	NC_000004.11
cg11526866	1.69E-14	6.39E-16	-8.82	25.270048	-7.59E-02	20813614	20813737	NC_000001.10
ch.8.2599852F	1.69E-14	6.39E-16	-8.82	25.2694388	-5.42E-02	131171898	131172021	NC_000008.10
cg25897519	1.69E-14	6.40E-16	-8.82	25.269133	-1.89E-01	41427415	41427538	NC_000008.10
cg12171863	1.69E-14	6.40E-16	-8.82	25.2688089	-4.91E-02	8704534	8704657	NC_000018.9
cg14277925	1.69E-14	6.41E-16	-8.82	25.2665281	-1.91E-01	859532	859655	NC_000011.9
ch.1.3128389F	1.70E-14	6.43E-16	-8.82	25.2642567	-6.50E-02	160061098	160061221	NC_000001.10
cg04580872	1.70E-14	6.44E-16	-8.82	25.2627662	-1.28E-01	67198367	67198490	NC_000016.9



cg18024487	1.70E-14	6.44E-16	-8.82	25.2621118	-4.77E-02	24181665	24181788	NC_000022.10
cg01314044	1.71E-14	6.46E-16	-8.82	25.2593605	-1.22E-01	94246036	94246159	NC_000011.9
cg21345826	1.71E-14	6.46E-16	-8.82	25.2586477	-1.88E-01	39353650	39353773	NC_000022.10
cg24278841	1.71E-14	6.47E-16	-8.82	25.2572517	-1.48E-01	81031249	81031372	NC_000017.10
cg18921475	1.71E-14	6.48E-16	-8.82	25.2555933	-2.04E-01	66417818	66417941	NC_000007.13
cg02027123	1.71E-14	6.49E-16	-8.82	25.2553175	-2.05E-01	18804395	18804518	NC_000016.9
cg15536165	1.71E-14	6.49E-16	-8.82	25.255011	-1.45E-01	35639492	35639615	NC_000011.9
cg00700866	1.72E-14	6.51E-16	-8.82	25.2519803	-1.20E-01	38096105	38096228	NC_000001.10
cg00964484	1.72E-14	6.51E-16	-8.82	25.2509931	-1.51E-01	29625235	29625358	NC_000016.9
cg08817867	1.72E-14	6.52E-16	-8.82	25.2497961	-1.73E-01	19656554	19656677	NC_000017.10
cg08276755	1.72E-14	6.54E-16	-8.82	25.2472491	-1.62E-01	30196714	30196837	NC_000020.10
cg02591487	1.73E-14	6.55E-16	-8.82	25.245632	-1.23E-01	8088741	8088864	NC_000012.11
ch.4.868459F	1.73E-14	6.56E-16	-8.82	25.2443387	-6.02E-02	38934393	38934516	NC_000004.11
cg26734579	1.73E-14	6.56E-16	-8.82	25.2435678	-1.80E-01	10509596	10509719	NC_000019.9
cg16411857	1.73E-14	6.57E-16	-8.82	25.2430793	-1.78E-01	57023191	57023314	NC_000016.9
cg11346718	1.73E-14	6.57E-16	-8.82	25.2421216	-1.32E-01	75631	75754	NC_000005.9
cg19308227	1.74E-14	6.61E-16	-8.81	25.2362873	-1.64E-01	6206323	6206446	NC_000001.10
cg16524733	1.74E-14	6.62E-16	-8.81	25.2348996	-1.97E-01	117070046	117070169	NC_000011.9
cg17127823	1.75E-14	6.63E-16	-8.81	25.2331116	-8.73E-02	71520941	71521064	NC_000008.10
cg11247087	1.75E-14	6.63E-16	-8.81	25.2329485	-1.55E-01	32961864	32961987	NC_000017.10
cg08415137	1.75E-14	6.64E-16	-8.81	25.2323783	-6.26E-02	86176688	86176811	NC_000005.9
cg12847502	1.75E-14	6.64E-16	-8.81	25.2317972	-1.17E-01	43437911	43438034	NC_000002.11
cg25776343	1.75E-14	6.66E-16	-8.81	25.2289463	-1.65E-01	72336097	72336220	NC_000010.10
cg22948959	1.76E-14	6.69E-16	-8.81	25.2250008	-1.35E-01	2509272	2509395	NC_000001.10
cg11862081	1.76E-14	6.69E-16	-8.81	25.224091	-1.67E-01	66625106	66625229	NC_000011.9

cg03712541	1.76E-14	6.70E-16	-8.81	25.2229974	-1.47E-01	6947294	6947417	NC_000017.10
cg11958449	1.77E-14	6.71E-16	-8.81	25.2213691	-7.16E-02	18547762	18547885	NC_000020.10
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cg18964590	1.78E-14	6.76E-16	-8.81	25.21416	-1.43E-01	1521483	1521606	NC_000017.10
cg12404590	1.78E-14	6.77E-16	-8.81	25.2132086	-1.58E-01	50455653	50455776	NC_000022.10
cg09133953	1.78E-14	6.78E-16	-8.81	25.2117162	-9.39E-02	37824468	37824591	NC_000017.10
cg11772919	1.78E-14	6.78E-16	-8.81	25.2115283	-2.45E-01	33245328	33245451	NC_000006.11
cg27496793	1.78E-14	6.78E-16	-8.81	25.2113344	-1.03E-01	46926433	46926556	NC_000002.11
cg24162579	1.78E-14	6.78E-16	-8.81	25.2109802	-1.56E-01	27817404	27817527	NC_000001.10
cg12675848	1.79E-14	6.80E-16	-8.81	25.2080036	-8.80E-02	125109120	125109243	NC_000009.11
cg14845282	1.80E-14	6.85E-16	-8.81	25.2012027	-6.11E-02	131080593	131080716	NC_000003.11
cg04107773	1.80E-14	6.86E-16	-8.81	25.2003685	-8.55E-02	62273555	62273678	NC_000020.10
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cg00357958	1.81E-14	6.88E-16	-8.81	25.1971485	-1.63E-01	123215010	123215133	NC_000012.11
cg11721177	1.81E-14	6.88E-16	-8.81	25.1969607	-1.26E-01	22919873	22919996	NC_000001.10
cg12303084	1.81E-14	6.89E-16	-8.81	25.196118	-6.68E-02	45985741	45985864	NC_000020.10
cg07819010	1.81E-14	6.89E-16	-8.81	25.1959049	-1.80E-01	46619375	46619498	NC_000011.9
cg01941278	1.81E-14	6.89E-16	-8.81	25.1949891	-1.99E-01	71895997	71896120	NC_000005.9
cg14310606	1.81E-14	6.90E-16	-8.81	25.1941695	-7.17E-02	139693852	139693975	NC_000009.11
cg03998476	1.81E-14	6.91E-16	-8.81	25.1928647	-5.18E-02	56884536	56884659	NC_000020.10
cg12382557	1.81E-14	6.91E-16	-8.81	25.1922221	-2.41E-01	1332964	1333087	NC_000004.11
cg02327719	1.82E-14	6.92E-16	-8.81	25.1913178	-1.37E-01	26185386	26185509	NC_000001.10
cg14617041	1.82E-14	6.92E-16	-8.81	25.1911148	-2.26E-01	72415687	72415810	NC_000005.9

cg11737831	1.82E-14	6.92E-16	-8.81	25.1910253	-7.83E-02	980707	980830	NC_000019.9
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cg18724061	1.82E-14	6.93E-16	-8.81	25.1894463	-6.20E-02	27861294	27861417	NC_000006.11
cg05415606	1.82E-14	6.95E-16	-8.81	25.1873837	-1.51E-01	38357299	38357422	NC_000002.11
cg18474885	1.82E-14	6.95E-16	-8.81	25.1873088	-8.30E-02	46292084	46292207	NC_000021.8
cg14219787	1.83E-14	6.96E-16	-8.81	25.1860181	-8.74E-02	148787290	148787413	NC_000007.13
cg03807842	1.83E-14	6.96E-16	-8.81	25.1857596	-2.04E-01	967038	967161	NC_000007.13
cg00048838	1.83E-14	6.96E-16	-8.81	25.1850271	-2.41E-02	27806471	27806594	NC_000006.11
cg02432312	1.83E-14	6.97E-16	-8.81	25.1838935	-1.45E-01	64497074	64497197	NC_000007.13
cg25828207	1.83E-14	6.99E-16	-8.81	25.1819262	-1.82E-01	134261655	134261778	NC_000010.10
cg24897320	1.84E-14	7.01E-16	-8.81	25.1781489	-1.79E-01	110042528	110042651	NC_000001.10
cg16290996	1.84E-14	7.01E-16	-8.81	25.1780138	-1.20E-01	173835989	173836112	NC_000001.10
cg23686365	1.86E-14	7.09E-16	-8.8	25.1673607	-6.56E-02	35544887	35545010	NC_000001.10
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cg12983285	1.87E-14	7.13E-16	-8.8	25.1619372	-1.60E-01	62168794	62168917	NC_000020.10
cg13261536	1.87E-14	7.15E-16	-8.8	25.1595673	-2.65E-01	144343915	144344038	NC_000008.10
cg16810519	1.87E-14	7.16E-16	-8.8	25.1581945	-6.25E-02	61429399	61429522	NC_000008.10
cg15256164	1.88E-14	7.16E-16	-8.8	25.1570297	-7.24E-02	174220625	174220748	NC_000002.11
cg01361499	1.89E-14	7.21E-16	-8.8	25.1513739	-2.15E-01	75467997	75468120	NC_000015.9
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cg00244040	1.91E-14	7.30E-16	-8.8	25.1379288	-7.35E-02	61788914	61789037	NC_000014.8
cg20698113	1.91E-14	7.31E-16	-8.8	25.1371803	-1.51E-01	50357214	50357337	NC_000022.10
cg26758396	1.92E-14	7.32E-16	-8.8	25.1351575	-1.66E-01	6104274	6104397	NC_000020.10
cg21494132	1.92E-14	7.33E-16	-8.8	25.1343814	-1.64E-01	216284009	216284132	NC_000002.11

cg25407528	1.92E-14	7.34E-16	-8.8	25.1324723	-2.05E-01	54860603	54860726	NC_000002.11
cg00656735	1.92E-14	7.34E-16	-8.8	25.1324442	-2.18E-01	41470922	41471045	NC_000006.11
cg02733847	1.92E-14	7.36E-16	-8.8	25.1299181	-5.06E-02	31649519	31649642	NC_000006.11
cg18061327	1.93E-14	7.37E-16	-8.8	25.129093	-1.80E-01	2916738	2916861	NC_000018.9
cg07009895	1.93E-14	7.37E-16	-8.8	25.128783	-6.70E-02	105877491	105877614	NC_000014.8
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cg22951989	1.94E-14	7.44E-16	-8.8	25.120079	-8.37E-02	27491676	27491799	NC_000008.10
cg19091447	1.94E-14	7.45E-16	-8.8	25.1189198	-5.51E-02	37555378	37555501	NC_000020.10
cg07404363	1.95E-14	7.47E-16	-8.8	25.1163332	-6.91E-02	112197029	112197152	NC_000005.9
cg01277155	1.95E-14	7.48E-16	-8.8	25.1149382	-8.65E-02	103086237	103086360	NC_000007.13
cg13468041	1.95E-14	7.48E-16	-8.79	25.1139183	-2.13E-01	74902951	74903074	NC_000004.11
cg26371327	1.96E-14	7.50E-16	-8.79	25.1113524	-1.66E-01	16473143	16473266	NC_000001.10
cg21115691	1.96E-14	7.50E-16	-8.79	25.1112001	-1.89E-01	207140927	207141050	NC_000001.10
cg03712487	1.96E-14	7.52E-16	-8.79	25.1096875	-7.78E-02	112505362	112505485	NC_000002.11
cg23678594	1.96E-14	7.52E-16	-8.79	25.1087308	-1.10E-01	1712021	1712144	NC_000001.10
cg13856405	1.96E-14	7.53E-16	-8.79	25.1082548	-1.49E-01	821395	821518	NC_000010.10
cg26019472	1.96E-14	7.53E-16	-8.79	25.1076784	-2.11E-01	1170201	1170324	NC_000019.9
cg14325112	1.97E-14	7.55E-16	-8.79	25.1057518	-1.97E-01	4115070	4115193	NC_000009.11
cg22340072	1.97E-14	7.55E-16	-8.79	25.1047245	-8.69E-02	61822740	61822863	NC_000008.10
cg18374625	1.97E-14	7.56E-16	-8.79	25.104282	-1.13E-01	50004152	50004275	NC_000019.9

cg11362820	1.97E-14	7.57E-16	-8.79	25.1021151	-1.58E-01	41234614	41234737	NC_000015.9
cg07777652	1.98E-14	7.60E-16	-8.79	25.0989975	-2.08E-01	40756696	40756819	NC_000021.8
cg09379385	1.99E-14	7.63E-16	-8.79	25.0942427	-9.62E-02	27774865	27774988	NC_000006.11
cg13296436	2.00E-14	7.66E-16	-8.79	25.0905134	-5.07E-02	38474488	38474611	NC_000017.10
cg09695261	2.00E-14	7.68E-16	-8.79	25.08868	-2.06E-01	79304600	79304723	NC_000017.10
cg07516511	2.00E-14	7.68E-16	-8.79	25.0886395	-1.35E-01	2907819	2907942	NC_000016.9
cg25804541	2.00E-14	7.69E-16	-8.79	25.0868829	-1.08E-01	80189381	80189504	NC_000017.10
cg20938170	2.01E-14	7.70E-16	-8.79	25.0861875	-1.51E-01	75428910	75429033	NC_000011.9
cg26565018	2.01E-14	7.72E-16	-8.79	25.0835613	-9.65E-02	1799609	1799732	NC_000012.11
cg02985293	2.02E-14	7.75E-16	-8.79	25.0797349	-1.54E-01	2064854	2064977	NC_000019.9
cg02914652	2.02E-14	7.75E-16	-8.79	25.0797021	-1.28E-01	4417142	4417265	NC_000012.11
cg17918326	2.02E-14	7.76E-16	-8.79	25.077713	-2.49E-01	34823957	34824080	NC_000020.10
cg24314564	2.02E-14	7.76E-16	-8.79	25.0775975	-1.88E-01	188668940	188669063	NC_000003.11
cg09182533	2.03E-14	7.81E-16	-8.79	25.0717173	-9.48E-02	63775071	63775194	NC_000011.9
cg17949316	2.03E-14	7.81E-16	-8.79	25.071204	-1.65E-01	8389808	8389931	NC_000004.11
cg27528222	2.04E-14	7.82E-16	-8.79	25.0704159	-1.27E-01	2138953	2139076	NC_000001.10
cg24106661	2.04E-14	7.82E-16	-8.79	25.0700872	-2.09E-01	61886946	61887069	NC_000002.11
cg24159636	2.04E-14	7.83E-16	-8.79	25.0694855	-1.63E-01	18043467	18043590	NC_000006.11
cg07204711	2.04E-14	7.84E-16	-8.79	25.0680417	-1.66E-01	74001139	74001262	NC_000017.10
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cg16379316	2.05E-14	7.87E-16	-8.79	25.0638247	-6.42E-02	75019367	75019490	NC_000016.9
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cg27558387	2.06E-14	7.93E-16	-8.79	25.0564446	-1.69E-01	156966620	156966743	NC_000003.11
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cg09537259	2.07E-14	7.98E-16	-8.78	25.0505831	-1.01E-01	94987522	94987645	NC_000011.9
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cg19721221	2.08E-14	8.01E-16	-8.78	25.0468488	-1.71E-01	181081214	181081337	NC_000001.10
cg22193247	2.09E-14	8.02E-16	-8.78	25.0449112	-1.22E-01	242448557	242448680	NC_000002.11
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cg01404893	2.10E-14	8.07E-16	-8.78	25.0392747	-1.66E-01	89043547	89043670	NC_000016.9
cg01928143	2.10E-14	8.07E-16	-8.78	25.039103	-1.80E-01	85038564	85038687	NC_000016.9
cg23778358	2.10E-14	8.10E-16	-8.78	25.0361218	-2.12E-01	30131749	30131872	NC_000006.11
cg05377120	2.11E-14	8.13E-16	-8.78	25.0314971	-2.24E-01	10456885	10457008	NC_000012.11
cg26157803	2.11E-14	8.14E-16	-8.78	25.0312417	-1.16E-01	100773599	100773722	NC_000014.8
cg09318763	2.11E-14	8.14E-16	-8.78	25.0304263	-1.88E-01	128798565	128798688	NC_000011.9
cg24143287	2.12E-14	8.16E-16	-8.78	25.0277902	-1.94E-01	128209980	128210103	NC_000010.10
cg05711445	2.12E-14	8.17E-16	-8.78	25.0274426	-1.91E-01	139528855	139528978	NC_000007.13
cg09611620	2.13E-14	8.20E-16	-8.78	25.024055	-2.18E-01	71545533	71545656	NC_000003.11
cg11324467	2.13E-14	8.20E-16	-8.78	25.0236541	-1.80E-01	142047998	142048121	NC_000008.10
cg21041956	2.13E-14	8.22E-16	-8.78	25.0216046	-1.12E-01	57119681	57119804	NC_000012.11
cg00343092	2.14E-14	8.25E-16	-8.78	25.0176038	-8.04E-02	43547974	43548097	NC_000022.10
cg10900663	2.15E-14	8.28E-16	-8.78	25.0142963	-1.60E-01	74942544	74942667	NC_000014.8
ch.15.1582754F	2.16E-14	8.31E-16	-8.78	25.0099991	-7.25E-02	91495089	91495212	NC_000015.9
cg14736458	2.16E-14	8.33E-16	-8.78	25.0078674	-1.80E-01	99595658	99595781	NC_000007.13
cg11762031	2.16E-14	8.33E-16	-8.78	25.0076452	-6.14E-02	105864488	105864611	NC_000014.8
cg11294312	2.17E-14	8.36E-16	-8.78	25.0049834	-1.31E-01	28900046	28900169	NC_000017.10
cg02175578	2.17E-14	8.37E-16	-8.78	25.0029844	-7.94E-02	62533502	62533625	NC_000015.9
cg08928696	2.17E-14	8.37E-16	-8.78	25.0028174	-1.41E-01	225632889	225633012	NC_000001.10

ch.14.190588F	2.18E-14	8.41E-16	-8.78	24.9983761	-7.56E-02	30075494	30075617	NC_000014.8
cg24877842	2.18E-14	8.42E-16	-8.78	24.9978152	-1.24E-01	42201898	42202021	NC_000003.11
cg17415265	2.18E-14	8.42E-16	-8.78	24.9974418	-3.25E-01	63225111	63225234	NC_000017.10
cg07759570	2.18E-14	8.43E-16	-8.78	24.9960438	-8.10E-02	35491951	35492074	NC_000019.9
cg05935961	2.19E-14	8.45E-16	-8.78	24.9933167	-1.40E-01	32352728	32352851	NC_000011.9
cg19300549	2.19E-14	8.47E-16	-8.78	24.9916261	-1.78E-01	54200888	54201011	NC_000006.11
cg16369987	2.20E-14	8.49E-16	-8.78	24.9895663	-1.24E-01	127804217	127804340	NC_000007.13
cg16874930	2.20E-14	8.49E-16	-8.78	24.98896	-1.25E-01	5889808	5889931	NC_000019.9
cg01686739	2.21E-14	8.52E-16	-8.77	24.986019	-2.12E-01	107855547	107855670	NC_000012.11
cg08138544	2.21E-14	8.54E-16	-8.77	24.9833876	-1.84E-01	99395845	99395968	NC_000015.9
cg02584867	2.21E-14	8.54E-16	-8.77	24.9828958	-1.27E-01	1861099	1861222	NC_000019.9
cg24791666	2.22E-14	8.56E-16	-8.77	24.980724	-1.69E-01	39192215	39192338	NC_000003.11
cg24711224	2.22E-14	8.57E-16	-8.77	24.9794806	-4.52E-02	176561865	176561988	NC_000005.9
cg13520525	2.24E-14	8.65E-16	-8.77	24.9706248	-1.50E-01	62168463	62168586	NC_000020.10
cg03925642	2.24E-14	8.65E-16	-8.77	24.9701845	-1.74E-01	87339657	87339780	NC_000016.9
cg00747849	2.26E-14	8.72E-16	-8.77	24.9621972	-9.13E-02	19165386	19165509	NC_000022.10
cg20007836	2.27E-14	8.76E-16	-8.77	24.9583226	-1.27E-01	37844870	37844993	NC_000017.10
cg09341448	2.27E-14	8.78E-16	-8.77	24.9564797	-8.80E-02	49164383	49164506	NC_000019.9
cg11198589	2.27E-14	8.78E-16	-8.77	24.9561428	-7.89E-02	33721369	33721492	NC_000001.10
cg02196734	2.28E-14	8.82E-16	-8.77	24.9513546	-6.34E-02	75018032	75018155	NC_000015.9
cg03889263	2.28E-14	8.82E-16	-8.77	24.9510029	-1.36E-01	177002388	177002511	NC_000003.11
cg02435593	2.28E-14	8.84E-16	-8.77	24.9494107	-7.74E-02	32399369	32399492	NC_000020.10
cg06100147	2.29E-14	8.85E-16	-8.77	24.9480952	-7.52E-02	143059260	143059383	NC_000007.13
cg08584947	2.29E-14	8.85E-16	-8.77	24.9479696	-1.76E-01	93468317	93468440	NC_000008.10
cg15195292	2.29E-14	8.88E-16	-8.77	24.9452055	-2.53E-02	37554840	37554963	NC_000020.10

cg01231543	2.30E-14	8.89E-16	-8.77	24.9441545	-1.53E-01	68741748	68741871	NC_000016.9
cg05692837	2.30E-14	8.89E-16	-8.77	24.943808	-6.71E-02	49583094	49583217	NC_000012.11
cg13008252	2.32E-14	8.96E-16	-8.77	24.9355201	-1.90E-01	91083495	91083618	NC_000014.8
ch.12.859106F	2.32E-14	8.97E-16	-8.77	24.9343862	-4.31E-02	42882094	42882217	NC_000012.11
cg07242540	2.32E-14	8.97E-16	-8.77	24.9342637	-1.95E-01	12600348	12600471	NC_000001.10
cg10205038	2.32E-14	8.98E-16	-8.77	24.9341676	-2.59E-01	93052501	93052624	NC_000014.8
cg20909017	2.32E-14	8.99E-16	-8.77	24.9321105	-2.23E-01	54805345	54805468	NC_000012.11
cg00345744	2.32E-14	9.00E-16	-8.77	24.9313569	-9.87E-02	156929167	156929290	NC_000007.13
cg09584521	2.33E-14	9.04E-16	-8.77	24.9266288	-1.48E-01	117112727	117112850	NC_000001.10
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cg14541209	2.36E-14	9.13E-16	-8.76	24.9171021	-1.34E-01	113530566	113530689	NC_000012.11
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cg09380069	2.36E-14	9.15E-16	-8.76	24.9151881	-1.59E-01	53847116	53847239	NC_000017.10
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cg16388983	2.37E-14	9.19E-16	-8.76	24.9103356	-2.04E-01	214720805	214720928	NC_000001.10
cg03969763	2.37E-14	9.20E-16	-8.76	24.9102585	-1.50E-01	90440438	90440561	NC_000001.10
cg02905198	2.37E-14	9.20E-16	-8.76	24.9098248	-1.67E-01	54070610	54070733	NC_000012.11
cg19654882	2.37E-14	9.21E-16	-8.76	24.9082365	-1.06E-01	3829219	3829342	NC_000011.9
cg02185007	2.38E-14	9.24E-16	-8.76	24.9056024	-2.09E-01	117587078	117587201	NC_000008.10
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cg27322103	2.40E-14	9.33E-16	-8.76	24.8962091	-6.38E-02	23513335	23513458	NC_000007.13
cg21737039	2.41E-14	9.37E-16	-8.76	24.8919153	-1.11E-01	8271391	8271514	NC_000004.11



cg26159723	2.41E-14	9.37E-16	-8.76	24.8912975	-4.76E-02	103236300	103236423	NC_000002.11
cg01198434	2.42E-14	9.41E-16	-8.76	24.8877727	-1.13E-01	38409725	38409848	NC_000007.13
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cg25073708	2.42E-14	9.42E-16	-8.76	24.8865305	-1.82E-01	132083538	132083661	NC_000009.11
cg21617903	2.43E-14	9.44E-16	-8.76	24.8838616	-1.74E-01	11599713	11599836	NC_000003.11
cg26296653	2.44E-14	9.48E-16	-8.76	24.8798933	-1.74E-01	3899234	3899357	NC_000011.9
cg12362118	2.44E-14	9.49E-16	-8.76	24.8791723	-2.13E-01	148995174	148995297	NC_000003.11
cg01027750	2.44E-14	9.50E-16	-8.76	24.8780949	-1.79E-01	42636639	42636762	NC_000019.9
cg18324583	2.46E-14	9.55E-16	-8.76	24.8731408	-2.08E-01	142975083	142975206	NC_000005.9
cg06719391	2.46E-14	9.58E-16	-8.76	24.8701443	-3.98E-02	2554330	2554453	NC_000011.9
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cg17515545	2.47E-14	9.59E-16	-8.76	24.8685534	-8.82E-02	84257034	84257157	NC_000004.11
cg27237706	2.48E-14	9.63E-16	-8.76	24.8643428	-5.47E-02	73104816	73104939	NC_000016.9
cg03602014	2.49E-14	9.67E-16	-8.75	24.8603204	-2.19E-01	126564681	126564804	NC_000005.9
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cg00967711	2.50E-14	9.72E-16	-8.75	24.8553567	-1.94E-01	100281202	100281325	NC_000003.11
cg09101941	2.50E-14	9.72E-16	-8.75	24.8553307	-1.99E-01	133775258	133775381	NC_000005.9
cg12089032	2.50E-14	9.74E-16	-8.75	24.8533046	-1.85E-01	72881203	72881326	NC_000008.10
cg09357740	2.50E-14	9.74E-16	-8.75	24.853017	-1.42E-01	21131543	21131666	NC_000014.8
cg23091777	2.51E-14	9.75E-16	-8.75	24.8521476	-2.09E-01	111154754	111154877	NC_000011.9
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cg11784887	2.51E-14	9.76E-16	-8.75	24.8514943	-1.73E-01	8729819	8729942	NC_000008.10
ch.17.41650897R	2.51E-14	9.76E-16	-8.75	24.8510939	-4.66E-02	44295120	44295243	NC_000017.10
ch.7.1566587F	2.51E-14	9.79E-16	-8.75	24.8480367	-6.03E-02	72002664	72002787	NC_000007.13

cg10194536	2.52E-14	9.82E-16	-8.75	24.8451847	-1.79E-01	807457	807580	NC_000017.10
cg15593187	2.53E-14	9.84E-16	-8.75	24.8427626	-5.89E-02	137911699	137911822	NC_000005.9
cg02258534	2.53E-14	9.86E-16	-8.75	24.8417499	-1.63E-01	2555497	2555620	NC_000011.9
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cg06624527	2.54E-14	9.91E-16	-8.75	24.8362802	-1.64E-01	6898647	6898770	NC_000012.11
cg22076228	2.54E-14	9.91E-16	-8.75	24.8362143	-4.57E-02	129831635	129831758	NC_000003.11
cg12705693	2.56E-14	9.96E-16	-8.75	24.8310915	-2.23E-01	912860	912983	NC_000005.9
cg00431050	2.56E-14	9.98E-16	-8.75	24.8291064	-1.45E-01	103985730	103985853	NC_000010.10
ch.2.2008119R	2.56E-14	9.99E-16	-8.75	24.8287621	-3.03E-02	96948848	96948971	NC_000002.11
cg01763884	2.56E-14	9.99E-16	-8.75	24.8286832	-1.48E-01	50721626	50721749	NC_000022.10
cg25682097	2.57E-14	1.00E-15	-8.75	24.8267314	-6.93E-02	105954118	105954241	NC_000014.8
ch.11.1369160F	2.57E-14	1.00E-15	-8.75	24.8237779	-6.50E-02	66922185	66922308	NC_000011.9
cg25007705	2.58E-14	1.00E-15	-8.75	24.8232264	-1.38E-01	21588799	21588922	NC_000001.10
cg00822451	2.59E-14	1.01E-15	-8.75	24.8187382	-6.52E-02	24868585	24868708	NC_000014.8
cg09251914	2.60E-14	1.01E-15	-8.75	24.8149584	-8.77E-02	85364534	85364657	NC_000016.9
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cg14339750	2.60E-14	1.01E-15	-8.75	24.8128278	-1.19E-01	52271331	52271454	NC_000003.11
cg14408823	2.60E-14	1.02E-15	-8.75	24.8120112	-1.61E-01	2458481	2458604	NC_000011.9
cg03661616	2.60E-14	1.02E-15	-8.75	24.8120021	-5.86E-02	112327538	112327661	NC_000010.10
cg08696890	2.64E-14	1.03E-15	-8.74	24.7986283	-6.41E-02	57126212	57126335	NC_000016.9
cg01171368	2.64E-14	1.03E-15	-8.74	24.7984916	-7.99E-02	62456106	62456229	NC_000015.9
cg26124526	2.64E-14	1.03E-15	-8.74	24.7959935	-1.63E-01	60618932	60619055	NC_000005.9
cg26443127	2.65E-14	1.03E-15	-8.74	24.7942186	-1.93E-01	31987230	31987353	NC_000010.10
cg05643592	2.65E-14	1.03E-15	-8.74	24.7941232	-1.50E-01	161195527	161195650	NC_000001.10

cg02038492	2.65E-14	1.03E-15	-8.74	24.7940966	-1.82E-01	2235025	2235148	NC_000016.9
cg09853936	2.65E-14	1.03E-15	-8.74	24.7935866	-1.68E-01	3388196	3388319	NC_000001.10
cg15401418	2.65E-14	1.03E-15	-8.74	24.7933613	-2.10E-01	75316383	75316506	NC_000017.10
cg18699466	2.65E-14	1.04E-15	-8.74	24.7931364	-1.95E-01	45415640	45415763	NC_000006.11
cg08798862	2.65E-14	1.04E-15	-8.74	24.7919825	-1.24E-01	88832532	88832655	NC_000016.9
cg11963006	2.66E-14	1.04E-15	-8.74	24.7899514	-1.75E-01	201507574	201507697	NC_000001.10
cg19964320	2.66E-14	1.04E-15	-8.74	24.7889895	-1.05E-01	25096573	25096696	NC_000015.9
cg24906410	2.66E-14	1.04E-15	-8.74	24.78784	-1.20E-01	44249756	44249879	NC_000019.9
cg18862210	2.67E-14	1.04E-15	-8.74	24.7871418	-1.95E-01	168815477	168815600	NC_000006.11
cg14341289	2.67E-14	1.04E-15	-8.74	24.7844386	-1.55E-01	108209784	108209907	NC_000009.11
cg08428188	2.68E-14	1.05E-15	-8.74	24.7816122	-2.05E-01	85363174	85363297	NC_000016.9
cg14294321	2.68E-14	1.05E-15	-8.74	24.7809657	-1.60E-01	12895288	12895411	NC_000019.9
cg07636095	2.68E-14	1.05E-15	-8.74	24.7800909	-3.16E-02	27759817	27759940	NC_000006.11
cg18927901	2.69E-14	1.05E-15	-8.74	24.7792245	-1.50E-01	36238043	36238166	NC_000006.11
ch.6.499655F	2.69E-14	1.05E-15	-8.74	24.7783704	-1.14E-01	19860052	19860175	NC_000006.11
cg17967224	2.69E-14	1.05E-15	-8.74	24.7762608	-8.37E-02	43506194	43506317	NC_000022.10
cg20312457	2.69E-14	1.05E-15	-8.74	24.7756659	-1.79E-01	7813475	7813598	NC_000004.11
cg24310786	2.71E-14	1.06E-15	-8.74	24.7714797	-1.44E-01	33080054	33080177	NC_000006.11
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cg22663872	2.73E-14	1.07E-15	-8.74	24.7636342	-7.30E-02	149120266	149120389	NC_000007.13
cg01080713	2.73E-14	1.07E-15	-8.74	24.7634372	-1.94E-01	190126396	190126519	NC_000002.11
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cg13910174	2.73E-14	1.07E-15	-8.74	24.7614086	-1.72E-01	46715231	46715354	NC_000002.11
cg01544812	2.73E-14	1.07E-15	-8.74	24.7610743	-9.12E-02	22540154	22540277	NC_000007.13
cg08912666	2.74E-14	1.07E-15	-8.74	24.7572566	-2.34E-01	17516535	17516658	NC_000001.10

cg01120953	2.74E-14	1.07E-15	-8.74	24.7568848	-1.15E-01	149643466	149643589	NC_000005.9
cg21406144	2.75E-14	1.08E-15	-8.74	24.7551685	-1.77E-01	59919051	59919174	NC_000002.11
cg05326378	2.75E-14	1.08E-15	-8.74	24.7533634	-1.91E-01	71081264	71081387	NC_000015.9
cg04009456	2.75E-14	1.08E-15	-8.74	24.7531331	-1.20E-01	25379436	25379559	NC_000004.11
cg23452957	2.76E-14	1.08E-15	-8.74	24.7496171	-1.14E-01	135091431	135091554	NC_000010.10
cg00532451	2.77E-14	1.08E-15	-8.74	24.7471054	-2.27E-01	228528913	228529036	NC_000001.10
cg22499893	2.77E-14	1.09E-15	-8.74	24.7466203	-2.01E-01	24307535	24307658	NC_000001.10
cg25689499	2.77E-14	1.09E-15	-8.74	24.7456348	-1.58E-01	81042554	81042677	NC_000017.10
cg15999887	2.78E-14	1.09E-15	-8.74	24.7445052	-1.83E-01	159423743	159423866	NC_000006.11
cg18231054	2.79E-14	1.09E-15	-8.74	24.7405231	-1.92E-01	1858037	1858160	NC_000001.10
cg11815057	2.79E-14	1.09E-15	-8.74	24.7383246	-1.63E-01	153670855	153670978	NC_000001.10
ch.9.120878154R	2.80E-14	1.10E-15	-8.73	24.735586	-6.48E-02	121838333	121838456	NC_000009.11
cg08212913	2.81E-14	1.10E-15	-8.73	24.7332393	-1.24E-01	8634827	8634950	NC_000002.11
cg22464883	2.82E-14	1.10E-15	-8.73	24.7296138	-7.58E-02	31407537	31407660	NC_000020.10
cg16027343	2.82E-14	1.10E-15	-8.73	24.729121	-1.08E-01	180632948	180633071	NC_000005.9
cg17186132	2.82E-14	1.10E-15	-8.73	24.7289116	-1.36E-01	90703444	90703567	NC_000015.9
cg17476701	2.82E-14	1.11E-15	-8.73	24.7275965	-2.15E-01	30651563	30651686	NC_000006.11
ch.7.2371643F	2.84E-14	1.11E-15	-8.73	24.7202839	-6.27E-02	111377460	111377583	NC_000007.13
cg18721397	2.85E-14	1.12E-15	-8.73	24.7163548	-2.07E-01	32584912	32585035	NC_000005.9
cg26771582	2.85E-14	1.12E-15	-8.73	24.716323	-1.21E-01	87415899	87416022	NC_000016.9
cg17502594	2.85E-14	1.12E-15	-8.73	24.7158693	-1.81E-01	62107542	62107665	NC_000001.10
cg07927984	2.86E-14	1.12E-15	-8.73	24.714776	-1.71E-01	102028909	102029032	NC_000015.9
cg04677326	2.86E-14	1.12E-15	-8.73	24.7146812	-5.97E-02	3557664	3557787	NC_000019.9
cg06639320	2.86E-14	1.12E-15	-8.73	24.7136608	-1.27E-01	106015739	106015862	NC_000002.11
cg10548968	2.86E-14	1.12E-15	-8.73	24.7131133	-1.56E-01	76802004	76802127	NC_000011.9

cg13797825	2.87E-14	1.13E-15	-8.73	24.7100678	-8.66E-02	102972758	102972881	NC_000002.11
cg07869023	2.88E-14	1.13E-15	-8.73	24.7074665	-1.96E-01	17212376	17212499	NC_000020.10
cg26445794	2.88E-14	1.13E-15	-8.73	24.7057117	-1.16E-01	10837274	10837397	NC_000016.9
cg00926238	2.88E-14	1.13E-15	-8.73	24.7038746	-9.38E-02	26436304	26436427	NC_000008.10
cg09976369	2.89E-14	1.13E-15	-8.73	24.7034762	-1.58E-01	3199889	3200012	NC_000002.11
cg09994756	2.89E-14	1.13E-15	-8.73	24.7030376	-1.58E-01	8185163	8185286	NC_000004.11
cg21686890	2.89E-14	1.13E-15	-8.73	24.7027619	-4.70E-02	35773089	35773212	NC_000022.10
cg00207428	2.89E-14	1.14E-15	-8.73	24.7006682	-1.76E-01	2031785	2031908	NC_000016.9
cg27190398	2.91E-14	1.14E-15	-8.73	24.6942641	-1.37E-01	731844	731967	NC_000016.9
cg21772953	2.92E-14	1.15E-15	-8.73	24.691722	-1.81E-01	23770435	23770558	NC_000003.11
cg18126802	2.92E-14	1.15E-15	-8.73	24.6913318	-1.72E-01	172321067	172321190	NC_000001.10
cg02192746	2.93E-14	1.15E-15	-8.73	24.6890843	-1.23E-01	99971016	99971139	NC_000007.13
cg20721917	2.94E-14	1.16E-15	-8.73	24.6830089	-1.30E-01	46089218	46089341	NC_000017.10
cg01924434	2.95E-14	1.16E-15	-8.73	24.6803351	-9.12E-02	1275121	1275244	NC_000019.9
cg15558558	2.95E-14	1.16E-15	-8.73	24.6800876	-1.27E-01	83477965	83478088	NC_000015.9
cg16563180	2.95E-14	1.16E-15	-8.73	24.6796357	-9.04E-02	1570208	1570331	NC_000007.13
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cg25410739	2.96E-14	1.16E-15	-8.73	24.6779284	-1.81E-01	223743086	223743209	NC_000001.10
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cg03661324	2.97E-14	1.17E-15	-8.73	24.6747521	-2.15E-01	79411917	79412040	NC_000002.11
cg12915715	2.97E-14	1.17E-15	-8.72	24.6738052	-8.43E-02	6894477	6894600	NC_000007.13
cg25383479	2.97E-14	1.17E-15	-8.72	24.6726524	-1.49E-01	108491702	108491825	NC_000006.11
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cg10665891	2.98E-14	1.17E-15	-8.72	24.6713534	-2.52E-01	117042917	117043040	NC_000012.11
cg10186605	2.99E-14	1.18E-15	-8.72	24.6676656	-1.95E-01	29667326	29667449	NC_000017.10

cg02343254	2.99E-14	1.18E-15	-8.72	24.6652735	-1.34E-01	3583963	3584086	NC_000002.11
cg12127162	3.01E-14	1.18E-15	-8.72	24.6599231	-1.68E-01	48140412	48140535	NC_000017.10
cg10851739	3.01E-14	1.19E-15	-8.72	24.6579526	-2.08E-01	131996019	131996142	NC_000012.11
cg00057272	3.02E-14	1.19E-15	-8.72	24.6568632	-1.33E-01	135726252	135726375	NC_000008.10
cg09366118	3.03E-14	1.19E-15	-8.72	24.6523792	-1.46E-01	113931525	113931648	NC_000002.11
cg08097817	3.03E-14	1.20E-15	-8.72	24.6506405	-1.79E-01	32255313	32255436	NC_000021.8
cg19798881	3.04E-14	1.20E-15	-8.72	24.6495627	-2.05E-01	7758958	7759081	NC_000006.11
cg07802625	3.05E-14	1.20E-15	-8.72	24.6461827	-1.28E-01	32281665	32281788	NC_000001.10
cg23526147	3.05E-14	1.20E-15	-8.72	24.6445606	-9.38E-02	13134813	13134936	NC_000019.9
cg09162518	3.06E-14	1.21E-15	-8.72	24.6413753	-1.41E-01	95089526	95089649	NC_000001.10
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cg01314165	3.07E-14	1.21E-15	-8.72	24.6386804	-2.04E-01	36320227	36320350	NC_000007.13
cg21402096	3.08E-14	1.22E-15	-8.72	24.6343264	-1.98E-01	221990385	221990508	NC_000001.10
cg21697812	3.09E-14	1.22E-15	-8.72	24.6308529	-2.02E-01	33721714	33721837	NC_000011.9
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cg10156499	3.09E-14	1.22E-15	-8.72	24.6306995	-7.63E-02	112161291	112161414	NC_000011.9
ch.3.2372016F	3.11E-14	1.23E-15	-8.72	24.6247519	-6.09E-02	121497031	121497154	NC_000003.11
cg01935400	3.12E-14	1.23E-15	-8.72	24.6230454	-1.56E-01	80393124	80393247	NC_000017.10
cg03519180	3.12E-14	1.23E-15	-8.72	24.6223289	-1.88E-01	119102524	119102647	NC_000010.10
cg26844633	3.12E-14	1.23E-15	-8.72	24.6219649	-1.94E-01	40635904	40636027	NC_000015.9
cg16615927	3.12E-14	1.23E-15	-8.72	24.6214519	-8.83E-02	12377398	12377521	NC_000018.9
cg19820705	3.13E-14	1.24E-15	-8.72	24.6184403	-1.33E-01	4455316	4455439	NC_000019.9
cg26657240	3.14E-14	1.24E-15	-8.72	24.6150078	-2.26E-01	81475061	81475184	NC_000015.9
cg02316735	3.14E-14	1.24E-15	-8.72	24.6139004	-1.07E-01	17449042	17449165	NC_000019.9
cg24534743	3.15E-14	1.24E-15	-8.72	24.6128755	-1.28E-01	27884345	27884468	NC_000001.10

cg14480116	3.15E-14	1.24E-15	-8.72	24.6116037	-1.85E-01	65594890	65595013	NC_000002.11
cg16680451	3.16E-14	1.25E-15	-8.71	24.6077682	-1.17E-01	73121744	73121867	NC_000007.13
cg00777636	3.17E-14	1.25E-15	-8.71	24.6066474	-1.74E-01	6446216	6446339	NC_000001.10
cg15221739	3.17E-14	1.25E-15	-8.71	24.6057789	-1.24E-01	90236557	90236680	NC_000005.9
cg17616646	3.17E-14	1.25E-15	-8.71	24.604131	-1.12E-01	67271660	67271783	NC_000011.9
cg17213713	3.18E-14	1.25E-15	-8.71	24.6031018	-1.61E-01	37617628	37617751	NC_000007.13
cg07139495	3.18E-14	1.26E-15	-8.71	24.6012119	-1.59E-01	246860416	246860539	NC_000001.10
cg01617285	3.21E-14	1.27E-15	-8.71	24.5922251	-6.77E-02	104211410	104211533	NC_000009.11
ch.16.406779R	3.22E-14	1.27E-15	-8.71	24.5882005	-8.20E-02	11063656	11063779	NC_000016.9
cg12464820	3.22E-14	1.27E-15	-8.71	24.5876509	-8.82E-02	50690166	50690289	NC_000022.10
cg02133716	3.22E-14	1.28E-15	-8.71	24.5868905	-9.44E-02	128981622	128981745	NC_000008.10
cg07796002	3.24E-14	1.28E-15	-8.71	24.5804023	-1.18E-01	42392337	42392460	NC_000019.9
cg27052418	3.25E-14	1.29E-15	-8.71	24.5772391	-2.01E-01	66611496	66611619	NC_000005.9
cg17201124	3.27E-14	1.29E-15	-8.71	24.5731586	-1.17E-01	1976627	1976750	NC_000001.10
cg02046143	3.27E-14	1.30E-15	-8.71	24.5711774	-1.36E-01	133797911	133798034	NC_000011.9
cg06824013	3.28E-14	1.30E-15	-8.71	24.5682247	-9.81E-02	53097247	53097370	NC_000015.9
ch.14.471449F	3.29E-14	1.30E-15	-8.71	24.5664462	-5.32E-02	45480793	45480916	NC_000014.8
cg19414383	3.31E-14	1.31E-15	-8.71	24.5588473	-1.99E-01	17528238	17528361	NC_000001.10
cg27619353	3.31E-14	1.31E-15	-8.71	24.5582392	-8.80E-02	38071651	38071774	NC_000022.10
cg05886115	3.32E-14	1.32E-15	-8.71	24.5550254	-1.42E-01	42349113	42349236	NC_000015.9
ch.5.5396883R	3.33E-14	1.32E-15	-8.71	24.554191	-1.06E-01	5343883	5344006	NC_000005.9
cg07201215	3.34E-14	1.32E-15	-8.71	24.5499917	-5.62E-02	36419478	36419601	NC_000021.8
cg06871311	3.34E-14	1.33E-15	-8.71	24.5486553	-7.06E-02	178062849	178062972	NC_000001.10
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cg14847502	3.36E-14	1.33E-15	-8.7	24.5444938	-7.79E-02	30724194	30724317	NC_000010.10

cg04121938	3.36E-14	1.33E-15	-8.7	24.5441248	-2.37E-01	201509415	201509538	NC_000001.10
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cg08344174	3.37E-14	1.34E-15	-8.7	24.5400809	-1.78E-01	3926662	3926785	NC_000006.11
cg17114402	3.37E-14	1.34E-15	-8.7	24.5397698	-8.03E-02	97778470	97778593	NC_000002.11
cg17142183	3.37E-14	1.34E-15	-8.7	24.5393277	-2.02E-01	102608192	102608315	NC_000002.11
cg19689330	3.38E-14	1.34E-15	-8.7	24.5364678	-1.56E-01	5512308	5512431	NC_000006.11
cg02246928	3.38E-14	1.34E-15	-8.7	24.5358629	-1.62E-01	144586678	144586801	NC_000006.11
cg08736918	3.39E-14	1.34E-15	-8.7	24.5355517	-1.26E-01	9241615	9241738	NC_000001.10
cg10373607	3.39E-14	1.34E-15	-8.7	24.53456	-2.34E-01	51592177	51592300	NC_000020.10
cg22198179	3.39E-14	1.35E-15	-8.7	24.5342189	-2.08E-01	114770495	114770618	NC_000013.10
cg23907586	3.39E-14	1.35E-15	-8.7	24.5328164	-6.70E-02	121163367	121163490	NC_000012.11
cg16155122	3.40E-14	1.35E-15	-8.7	24.530645	-6.38E-02	25201958	25202081	NC_000022.10
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cg14218480	3.40E-14	1.35E-15	-8.7	24.5295114	-1.38E-01	139842749	139842872	NC_000009.11
cg21950196	3.41E-14	1.35E-15	-8.7	24.527978	-8.35E-02	228327428	228327551	NC_000001.10
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cg20237595	3.43E-14	1.36E-15	-8.7	24.5224682	-1.60E-01	124301252	124301375	NC_000003.11
cg03055021	3.43E-14	1.36E-15	-8.7	24.5212785	-1.69E-01	15664770	15664893	NC_000001.10
cg23219253	3.44E-14	1.37E-15	-8.7	24.5183666	-1.54E-01	9518751	9518874	NC_000002.11
cg08195176	3.44E-14	1.37E-15	-8.7	24.5176659	-1.35E-01	116781303	116781426	NC_000011.9
cg22962982	3.46E-14	1.38E-15	-8.7	24.5116076	-5.15E-02	43818365	43818488	NC_000010.10
cg22688802	3.47E-14	1.38E-15	-8.7	24.5103853	-2.08E-01	7980661	7980784	NC_000004.11
cg09020181	3.47E-14	1.38E-15	-8.7	24.5096728	-7.97E-02	46467123	46467246	NC_000022.10
cg02863988	3.47E-14	1.38E-15	-8.7	24.5091412	-1.61E-01	4525572	4525695	NC_000019.9
cg01919768	3.47E-14	1.38E-15	-8.7	24.5089534	-1.88E-01	100239764	100239887	NC_000007.13



cg06521149	3.48E-14	1.38E-15	-8.7	24.5078925	-2.04E-01	151813779	151813902	NC_000001.10
cg06907033	3.48E-14	1.38E-15	-8.7	24.5058523	-1.88E-01	54873990	54874113	NC_000001.10
cg03557733	3.48E-14	1.38E-15	-8.7	24.5057499	-1.23E-01	41985183	41985306	NC_000017.10
cg03668763	3.49E-14	1.39E-15	-8.7	24.5032382	-2.27E-01	9549286	9549409	NC_000011.9
cg03471047	3.49E-14	1.39E-15	-8.7	24.5022315	-1.18E-01	51455849	51455972	NC_000015.9
cg15700009	3.50E-14	1.39E-15	-8.7	24.5008586	-9.90E-02	18415711	18415834	NC_000011.9
cg27117828	3.51E-14	1.40E-15	-8.7	24.4962534	-2.07E-01	175499377	175499500	NC_000002.11
cg03953626	3.52E-14	1.40E-15	-8.7	24.4957103	-2.72E-01	30652396	30652519	NC_000006.11
cg25863967	3.52E-14	1.40E-15	-8.7	24.4943916	-1.22E-01	130049683	130049806	NC_000007.13
cg15888301	3.52E-14	1.40E-15	-8.7	24.4937318	-7.74E-02	73344233	73344356	NC_000015.9
cg14934280	3.53E-14	1.40E-15	-8.7	24.4927774	-5.87E-02	47494587	47494710	NC_000019.9
ch.4.38162960R	3.53E-14	1.40E-15	-8.7	24.492191	-7.06E-02	38486565	38486688	NC_000004.11
cg13720262	3.53E-14	1.41E-15	-8.7	24.4900286	-1.75E-01	39278997	39279120	NC_000019.9
cg14871010	3.54E-14	1.41E-15	-8.7	24.4894178	-1.92E-01	55603225	55603348	NC_000014.8
cg12494529	3.54E-14	1.41E-15	-8.7	24.4877291	-2.14E-01	1082432	1082555	NC_000010.10
cg14026238	3.55E-14	1.41E-15	-8.69	24.4845675	-1.96E-01	57616123	57616246	NC_000015.9
cg08246632	3.55E-14	1.42E-15	-8.69	24.483972	-1.29E-01	132396826	132396949	NC_000012.11
cg23506979	3.56E-14	1.42E-15	-8.69	24.4836304	-1.43E-01	79090958	79091081	NC_000015.9
cg01546820	3.56E-14	1.42E-15	-8.69	24.4821981	-1.45E-01	35453638	35453761	NC_000006.11
cg23171103	3.56E-14	1.42E-15	-8.69	24.4810872	-2.15E-01	174771462	174771585	NC_000005.9
cg05599550	3.57E-14	1.42E-15	-8.69	24.478123	-7.76E-02	48711902	48712025	NC_000017.10
cg27472701	3.60E-14	1.43E-15	-8.69	24.4705401	-2.02E-01	116332586	116332709	NC_000007.13
cg03967627	3.61E-14	1.44E-15	-8.69	24.4663813	-1.04E-01	144655030	144655153	NC_000008.10
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cg24688471	3.62E-14	1.44E-15	-8.69	24.4656592	-7.06E-02	2542815	2542938	NC_000001.10

cg10914815	3.62E-14	1.44E-15	-8.69	24.465034	-1.69E-01	99148667	99148790	NC_000013.10
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cg15973234	3.64E-14	1.45E-15	-8.69	24.4598319	-5.16E-02	81072152	81072275	NC_000015.9
cg27391934	3.65E-14	1.45E-15	-8.69	24.4568719	-2.29E-01	1369948	1370071	NC_000001.10
cg19152770	3.65E-14	1.46E-15	-8.69	24.455295	-1.92E-01	7755760	7755883	NC_000004.11
cg00077904	3.66E-14	1.46E-15	-8.69	24.4528305	-1.49E-01	151078909	151079032	NC_000005.9
cg21293464	3.66E-14	1.46E-15	-8.69	24.4519147	-2.20E-01	66885276	66885399	NC_000011.9
cg04077979	3.67E-14	1.46E-15	-8.69	24.4505785	-1.77E-01	76147474	76147597	NC_000006.11
cg23151401	3.67E-14	1.46E-15	-8.69	24.450575	-7.77E-02	73149130	73149253	NC_000007.13
cg08401725	3.69E-14	1.47E-15	-8.69	24.4458084	-1.85E-01	34296462	34296585	NC_000011.9
cg17856005	3.71E-14	1.48E-15	-8.69	24.4377216	-1.23E-01	148809826	148809949	NC_000005.9
cg08867471	3.72E-14	1.48E-15	-8.69	24.4367181	-1.76E-01	56738244	56738367	NC_000005.9
cg21679730	3.73E-14	1.49E-15	-8.69	24.4333424	-1.87E-01	65047485	65047608	NC_000001.10
cg09564133	3.74E-14	1.49E-15	-8.69	24.4317933	-1.86E-01	176738847	176738970	NC_000005.9
cg03026939	3.74E-14	1.49E-15	-8.69	24.4301258	-7.71E-02	180573421	180573544	NC_000003.11
cg07120806	3.74E-14	1.49E-15	-8.69	24.4298226	-7.37E-02	1873451	1873574	NC_000004.11
cg20124188	3.74E-14	1.50E-15	-8.69	24.4292251	-9.09E-02	6348200	6348323	NC_000017.10
cg21393051	3.75E-14	1.50E-15	-8.69	24.4288034	-2.25E-01	209585310	209585433	NC_000001.10
cg11669877	3.75E-14	1.50E-15	-8.69	24.4280068	-4.52E-02	204043026	204043149	NC_000001.10
cg14285788	3.75E-14	1.50E-15	-8.69	24.42712	-1.75E-01	128458556	128458679	NC_000002.11
cg16747928	3.76E-14	1.50E-15	-8.69	24.4257205	-1.86E-01	4370460	4370583	NC_000006.11
cg26003813	3.76E-14	1.50E-15	-8.69	24.424223	-3.50E-02	23689802	23689925	NC_000016.9
cg24717799	3.77E-14	1.51E-15	-8.69	24.4230249	-1.08E-01	83680832	83680955	NC_000015.9
cg11479035	3.77E-14	1.51E-15	-8.68	24.422464	-2.29E-01	86313891	86314014	NC_000015.9
cg02101833	3.77E-14	1.51E-15	-8.68	24.4212848	-1.89E-01	10471388	10471511	NC_000002.11

cg09308942	3.78E-14	1.51E-15	-8.68	24.4200023	-1.71E-01	91573372	91573495	NC_000012.11
cg08616234	3.78E-14	1.51E-15	-8.68	24.4199323	-1.94E-01	86313973	86314096	NC_000015.9
cg16235748	3.78E-14	1.51E-15	-8.68	24.4190658	-1.47E-01	149772707	149772830	NC_000006.11
cg20561830	3.78E-14	1.51E-15	-8.68	24.4182604	-1.85E-01	81893829	81893952	NC_000014.8
cg08464208	3.78E-14	1.51E-15	-8.68	24.4181721	-1.32E-01	27792307	27792430	NC_000006.11
cg00738772	3.79E-14	1.51E-15	-8.68	24.4167655	-1.86E-01	149053061	149053184	NC_000007.13
cg00576550	3.79E-14	1.51E-15	-8.68	24.4166714	-1.62E-01	183749212	183749335	NC_000003.11
cg11396746	3.79E-14	1.52E-15	-8.68	24.4161474	-6.57E-02	1877632	1877755	NC_000016.9
cg14375890	3.79E-14	1.52E-15	-8.68	24.4144001	-2.09E-01	13355672	13355795	NC_000006.11
cg19495013	3.79E-14	1.52E-15	-8.68	24.4142744	-1.15E-01	52214119	52214242	NC_000012.11
cg05673966	3.80E-14	1.52E-15	-8.68	24.4122456	-1.85E-01	85431095	85431218	NC_000016.9
cg22749051	3.82E-14	1.53E-15	-8.68	24.4066137	-1.75E-01	80668944	80669067	NC_000017.10
cg05055712	3.83E-14	1.53E-15	-8.68	24.4059158	-9.75E-02	2880431	2880554	NC_000016.9
cg11879354	3.84E-14	1.54E-15	-8.68	24.4019902	-1.31E-01	159075773	159075896	NC_000006.11
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cg07256473	3.86E-14	1.55E-15	-8.68	24.3955633	-1.09E-01	29710276	29710399	NC_000022.10
cg07526904	3.87E-14	1.55E-15	-8.68	24.3932674	-1.81E-01	3794264	3794387	NC_000007.13
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cg17858100	3.87E-14	1.55E-15	-8.68	24.393058	-7.75E-02	207224510	207224633	NC_000001.10
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cg13136655	3.89E-14	1.56E-15	-8.68	24.3887543	-2.26E-01	149806131	149806254	NC_000006.11
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cg02399571	3.90E-14	1.56E-15	-8.68	24.3847692	-4.11E-02	7118430	7118553	NC_000017.10

cg25146814	3.91E-14	1.57E-15	-8.68	24.3837929	-8.39E-02	78977970	78978093	NC_000017.10
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cg09938406	3.93E-14	1.58E-15	-8.68	24.3779591	-2.10E-01	2890369	2890492	NC_000001.10
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cg18832247	3.94E-14	1.58E-15	-8.68	24.3728036	-2.13E-01	15300007	15300130	NC_000006.11
cg25355803	3.96E-14	1.59E-15	-8.68	24.3675626	-1.21E-01	99473032	99473155	NC_000010.10
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cg18877271	3.99E-14	1.60E-15	-8.67	24.3601788	-2.02E-01	1952638	1952761	NC_000011.9
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cg03757387	4.00E-14	1.61E-15	-8.67	24.3579192	-1.99E-01	109770908	109771031	NC_000004.11
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ch.10.2545189R	4.04E-14	1.62E-15	-8.67	24.348163	-5.79E-02	120817404	120817527	NC_000010.10
cg05133205	4.04E-14	1.63E-15	-8.67	24.3469932	-1.62E-01	32121249	32121372	NC_000006.11

cg21093618	4.05E-14	1.63E-15	-8.67	24.3442781	-1.41E-01	195560967	195561090	NC_000003.11
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cg02187259	4.06E-14	1.63E-15	-8.67	24.3436389	-2.47E-01	16804452	16804575	NC_000002.11
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cg10720997	4.10E-14	1.65E-15	-8.67	24.3319802	-1.20E-01	997858	997981	NC_000001.10
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cg23039201	4.14E-14	1.67E-15	-8.67	24.3213203	-7.28E-02	27851887	27852010	NC_000002.11
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cg05705089	4.19E-14	1.69E-15	-8.67	24.3097796	-6.26E-02	42839217	42839340	NC_000020.10

cg09709565	4.20E-14	1.69E-15	-8.67	24.3068768	-1.73E-01	46316283	46316406	NC_000011.9
cg09704422	4.21E-14	1.70E-15	-8.67	24.3045531	-1.12E-01	135725874	135725997	NC_000008.10
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cg23728447	4.23E-14	1.70E-15	-8.67	24.30025	-1.47E-01	126429267	126429390	NC_000010.10
cg10644544	4.23E-14	1.71E-15	-8.67	24.2989697	-1.34E-01	73872584	73872707	NC_000017.10
cg10890829	4.23E-14	1.71E-15	-8.67	24.2987182	-1.89E-01	119450707	119450830	NC_000006.11
ch.2.4963927F	4.23E-14	1.71E-15	-8.67	24.2983209	-2.23E-02	242179805	242179928	NC_000002.11
cg14557690	4.25E-14	1.72E-15	-8.66	24.2930229	-1.74E-01	139978293	139978416	NC_000009.11
ch.3.344014F	4.27E-14	1.72E-15	-8.66	24.2897602	-3.63E-02	15074400	15074523	NC_000003.11
cg02292066	4.27E-14	1.72E-15	-8.66	24.2885262	-8.32E-02	2518269	2518392	NC_000001.10
cg16411216	4.27E-14	1.73E-15	-8.66	24.2881274	-3.51E-02	9340507	9340630	NC_000001.10
cg15391651	4.28E-14	1.73E-15	-8.66	24.2878315	-1.51E-01	165132273	165132396	NC_000001.10
cg15902830	4.28E-14	1.73E-15	-8.66	24.287056	-1.82E-01	3387913	3388036	NC_000001.10
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cg07440264	4.29E-14	1.73E-15	-8.66	24.2846251	-1.91E-01	33744977	33745100	NC_000011.9
cg05214511	4.31E-14	1.74E-15	-8.66	24.2797293	-1.98E-01	80572259	80572382	NC_000004.11
cg20173170	4.31E-14	1.74E-15	-8.66	24.2793158	-9.71E-02	31127120	31127243	NC_000006.11
cg02297879	4.31E-14	1.74E-15	-8.66	24.2786003	-1.04E-01	134144761	134144884	NC_000010.10
cg23009123	4.36E-14	1.76E-15	-8.66	24.2683124	-2.03E-01	94450531	94450654	NC_000010.10
cg17276021	4.36E-14	1.76E-15	-8.66	24.2675571	-1.31E-01	16084445	16084568	NC_000001.10
cg02247160	4.36E-14	1.76E-15	-8.66	24.2664743	-8.56E-02	41243829	41243952	NC_000003.11
cg01511806	4.38E-14	1.77E-15	-8.66	24.26279	-1.08E-01	85157939	85158062	NC_000016.9
cg02232751	4.38E-14	1.77E-15	-8.66	24.2627704	-1.02E-01	18415742	18415865	NC_000011.9
cg27342837	4.39E-14	1.77E-15	-8.66	24.2606577	-2.22E-01	188419568	188419691	NC_000002.11

cg24362923	4.39E-14	1.78E-15	-8.66	24.2588843	-3.15E-02	103985861	103985984	NC_000010.10
cg06868095	4.41E-14	1.78E-15	-8.66	24.2561072	-6.41E-02	8084610	8084733	NC_000008.10
cg04748988	4.41E-14	1.78E-15	-8.66	24.2548369	-2.08E-02	12329223	12329346	NC_000003.11
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cg27196194	4.42E-14	1.79E-15	-8.66	24.252176	-2.00E-01	4054253	4054376	NC_000019.9
cg18077304	4.44E-14	1.80E-15	-8.66	24.2470087	-2.37E-01	51818049	51818172	NC_000012.11
cg23003500	4.45E-14	1.80E-15	-8.66	24.2454127	-2.89E-02	42543530	42543653	NC_000003.11
cg26648185	4.45E-14	1.80E-15	-8.66	24.2453659	-1.29E-01	32927013	32927136	NC_000021.8
cg18186771	4.45E-14	1.80E-15	-8.66	24.2452366	-2.12E-01	76993506	76993629	NC_000017.10
cg13265740	4.47E-14	1.81E-15	-8.66	24.2414896	-1.89E-01	139349120	139349243	NC_000006.11
cg17213154	4.47E-14	1.81E-15	-8.66	24.2408587	-1.70E-01	8832956	8833079	NC_000011.9
cg21414636	4.50E-14	1.82E-15	-8.65	24.23482	-1.20E-01	144925328	144925451	NC_000008.10
cg06148974	4.50E-14	1.82E-15	-8.65	24.2348159	-2.26E-01	1864183	1864306	NC_000004.11
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cg05054831	4.50E-14	1.82E-15	-8.65	24.232851	-7.83E-02	33265543	33265666	NC_000020.10
cg24075296	4.51E-14	1.83E-15	-8.65	24.2314381	-1.67E-01	152960525	152960648	NC_000004.11
cg02653521	4.51E-14	1.83E-15	-8.65	24.2312947	-2.32E-01	241373820	241373943	NC_000002.11
cg23257859	4.51E-14	1.83E-15	-8.65	24.2310399	-1.48E-01	32772432	32772555	NC_000007.13
cg24682012	4.51E-14	1.83E-15	-8.65	24.2309157	-8.81E-02	6411087	6411210	NC_000011.9
cg09762897	4.51E-14	1.83E-15	-8.65	24.230663	-1.45E-01	30388914	30389037	NC_000016.9
cg25976170	4.52E-14	1.83E-15	-8.65	24.229856	-1.43E-01	29707585	29707708	NC_000022.10
cg26073542	4.52E-14	1.83E-15	-8.65	24.2288274	-1.06E-01	3174128	3174251	NC_000011.9
cg01426818	4.53E-14	1.84E-15	-8.65	24.2265445	-1.20E-01	77806444	77806567	NC_000017.10
cg16889489	4.55E-14	1.84E-15	-8.65	24.222481	-7.21E-02	44191036	44191159	NC_000006.11
cg09981407	4.55E-14	1.84E-15	-8.65	24.2220273	-1.77E-01	2699505	2699628	NC_000017.10

cg20539816	4.56E-14	1.85E-15	-8.65	24.2203245	-1.56E-01	5988249	5988372	NC_000017.10
cg07191657	4.58E-14	1.86E-15	-8.65	24.214788	-1.90E-01	14478541	14478664	NC_000010.10
cg14909495	4.58E-14	1.86E-15	-8.65	24.2140352	-1.14E-01	150549472	150549595	NC_000007.13
cg19447221	4.58E-14	1.86E-15	-8.65	24.2140155	-1.75E-01	23985722	23985845	NC_000010.10
cg04333863	4.59E-14	1.86E-15	-8.65	24.2115771	-8.73E-02	70121129	70121252	NC_000002.11
cg09501509	4.60E-14	1.87E-15	-8.65	24.2104145	-1.62E-01	89745356	89745479	NC_000006.11
cg14666972	4.61E-14	1.87E-15	-8.65	24.2079964	-7.24E-02	90745322	90745445	NC_000015.9
cg22368413	4.62E-14	1.87E-15	-8.65	24.2064648	-6.11E-02	218751627	218751750	NC_000002.11
cg27409154	4.62E-14	1.88E-15	-8.65	24.2048186	-1.50E-01	53490412	53490535	NC_000012.11
cg18414579	4.63E-14	1.88E-15	-8.65	24.2041305	-1.73E-01	102266325	102266448	NC_000004.11
cg13963033	4.65E-14	1.89E-15	-8.65	24.1987277	-1.54E-01	126220247	126220370	NC_000005.9
cg07943832	4.65E-14	1.89E-15	-8.65	24.1977498	-2.02E-01	155568918	155569041	NC_000006.11
cg24008908	4.66E-14	1.89E-15	-8.65	24.1957583	-8.46E-02	19615453	19615576	NC_000001.10
cg07091529	4.68E-14	1.90E-15	-8.65	24.1930783	-2.32E-01	16804409	16804532	NC_000002.11
cg18089397	4.68E-14	1.90E-15	-8.65	24.1928525	-1.57E-01	2264747	2264870	NC_000004.11
cg09472004	4.69E-14	1.90E-15	-8.65	24.190435	-4.90E-02	87240156	87240279	NC_000001.10
cg22778790	4.69E-14	1.91E-15	-8.65	24.1900798	-6.47E-02	64761409	64761532	NC_000014.8
cg01607369	4.69E-14	1.91E-15	-8.65	24.1890149	-1.82E-01	7598673	7598796	NC_000011.9
cg08607108	4.70E-14	1.91E-15	-8.65	24.1872795	-1.96E-01	2109890	2110013	NC_000007.13
cg13318572	4.71E-14	1.91E-15	-8.65	24.1858617	-1.00E-01	1993007	1993130	NC_000008.10
cg04915566	4.71E-14	1.91E-15	-8.65	24.1858403	-3.01E-01	36421472	36421595	NC_000021.8
cg08425760	4.71E-14	1.91E-15	-8.65	24.185394	-1.31E-01	11795897	11796020	NC_000001.10
cg24074594	4.72E-14	1.92E-15	-8.65	24.1822374	-1.93E-01	161676581	161676704	NC_000001.10
cg13783238	4.73E-14	1.92E-15	-8.65	24.1812936	-2.21E-01	160121821	160121944	NC_000003.11
cg07283896	4.74E-14	1.93E-15	-8.65	24.178374	-9.28E-02	11855283	11855406	NC_000006.11



cg07918814	4.75E-14	1.93E-15	-8.65	24.1753459	-1.93E-01	230882481	230882604	NC_000001.10
cg11993436	4.76E-14	1.94E-15	-8.65	24.1743349	-7.13E-02	155437098	155437221	NC_000007.13
cg21766667	4.78E-14	1.94E-15	-8.64	24.1709494	-1.58E-01	48287888	48288011	NC_000017.10
cg00830285	4.78E-14	1.94E-15	-8.64	24.1701375	-1.53E-01	149119905	149120028	NC_000007.13
cg16414691	4.78E-14	1.94E-15	-8.64	24.170016	-1.96E-01	98534089	98534212	NC_000003.11
cg06528601	4.79E-14	1.95E-15	-8.64	24.1669658	-1.17E-01	84652562	84652685	NC_000016.9
cg02903907	4.80E-14	1.95E-15	-8.64	24.1646487	-9.34E-02	232941055	232941178	NC_000001.10
cg07199894	4.81E-14	1.96E-15	-8.64	24.1620435	-8.43E-02	132379104	132379227	NC_000012.11
cg06905130	4.82E-14	1.96E-15	-8.64	24.1618994	-8.26E-02	287148	287271	NC_000002.11
cg14904662	4.82E-14	1.96E-15	-8.64	24.1615881	-1.43E-01	41655673	41655796	NC_000008.10
cg04130572	4.83E-14	1.97E-15	-8.64	24.1589445	-1.48E-01	42806000	42806123	NC_000020.10
cg08599294	4.83E-14	1.97E-15	-8.64	24.1585457	-8.46E-02	96329351	96329474	NC_000013.10
cg03132202	4.84E-14	1.97E-15	-8.64	24.1558564	-8.17E-02	64686950	64687073	NC_000012.11
cg03739129	4.85E-14	1.98E-15	-8.64	24.1545132	-5.12E-02	220252547	220252670	NC_000002.11
cg24027572	4.86E-14	1.98E-15	-8.64	24.1528968	-5.87E-02	47804943	47805066	NC_000020.10
cg14579560	4.87E-14	1.98E-15	-8.64	24.1498901	-5.97E-02	47103803	47103926	NC_000019.9
cg07611933	4.87E-14	1.99E-15	-8.64	24.1494487	-2.06E-01	2773245	2773368	NC_000016.9
cg02390115	4.87E-14	1.99E-15	-8.64	24.148932	-1.05E-01	21767211	21767334	NC_000001.10
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cg00615377	4.88E-14	1.99E-15	-8.64	24.1469301	-9.82E-02	36236649	36236772	NC_000022.10
cg17822779	4.89E-14	1.99E-15	-8.64	24.1461969	-1.24E-01	135174326	135174449	NC_000008.10
cg24079727	4.89E-14	1.99E-15	-8.64	24.1447253	-2.04E-01	57317980	57318103	NC_000015.9
cg15118204	4.91E-14	2.00E-15	-8.64	24.1414246	-4.67E-02	79876231	79876354	NC_000017.10
cg25940485	4.92E-14	2.01E-15	-8.64	24.1395708	-1.73E-01	117636616	117636739	NC_000001.10
cg11673920	4.92E-14	2.01E-15	-8.64	24.1393471	-6.24E-02	13629624	13629747	NC_000010.10

cg26078976	4.92E-14	2.01E-15	-8.64	24.1383447	-1.86E-01	149564268	149564391	NC_000006.11
cg10258817	4.93E-14	2.01E-15	-8.64	24.1364528	-2.08E-01	29955304	29955427	NC_000016.9
cg08378742	4.94E-14	2.02E-15	-8.64	24.1340746	-1.72E-01	45596974	45597097	NC_000022.10
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cg27179693	4.96E-14	2.03E-15	-8.64	24.1295471	-1.88E-01	120530818	120530941	NC_000011.9
cg11186344	4.97E-14	2.03E-15	-8.64	24.1285294	-1.30E-01	19253694	19253817	NC_000001.10
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cg01142811	4.99E-14	2.04E-15	-8.64	24.1247104	-7.64E-02	96144364	96144487	NC_000005.9
cg16565031	5.00E-14	2.04E-15	-8.64	24.1227492	-1.95E-01	70186289	70186412	NC_000014.8
cg01160557	5.06E-14	2.06E-15	-8.64	24.1106401	-7.65E-02	44651777	44651900	NC_000020.10
cg07548213	5.06E-14	2.07E-15	-8.64	24.1103994	-9.11E-02	162271751	162271874	NC_000002.11
cg14323984	5.06E-14	2.07E-15	-8.64	24.1100979	-2.25E-01	6695203	6695326	NC_000004.11
cg07687554	5.07E-14	2.07E-15	-8.63	24.1083774	-8.71E-02	55587039	55587162	NC_000019.9
ch.10.2760753F	5.07E-14	2.07E-15	-8.63	24.1079144	-1.15E-01	128591800	128591923	NC_000010.10
cg17964844	5.07E-14	2.07E-15	-8.63	24.1074777	-1.00E-01	49367911	49368034	NC_000012.11
cg14894144	5.08E-14	2.07E-15	-8.63	24.1061653	-1.47E-01	21270554	21270677	NC_000018.9
cg18396675	5.09E-14	2.08E-15	-8.63	24.1042531	-1.14E-01	56605391	56605514	NC_000017.10
cg00656881	5.13E-14	2.09E-15	-8.63	24.0966039	-1.46E-01	2138757	2138880	NC_000001.10
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cg15002761	5.14E-14	2.10E-15	-8.63	24.0932239	-2.06E-01	133816097	133816220	NC_000011.9
cg08887400	5.14E-14	2.10E-15	-8.63	24.0923822	-2.81E-01	30652376	30652499	NC_000006.11
cg25578013	5.14E-14	2.10E-15	-8.63	24.0923734	-1.58E-01	21047444	21047567	NC_000013.10
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cg21307155	5.16E-14	2.11E-15	-8.63	24.0902179	-1.49E-01	3216740	3216863	NC_000020.10
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cg11046421	5.19E-14	2.12E-15	-8.63	24.0839632	-1.82E-01	44806923	44807046	NC_000005.9
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cg01543184	5.22E-14	2.13E-15	-8.63	24.07773	-1.70E-01	79881543	79881666	NC_000017.10
cg19201009	5.22E-14	2.14E-15	-8.63	24.0766012	-1.36E-01	99475406	99475529	NC_000010.10
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cg23371476	5.33E-14	2.18E-15	-8.63	24.0550747	-1.96E-01	105877824	105877947	NC_000002.11
cg18307912	5.33E-14	2.18E-15	-8.63	24.0548568	-6.37E-02	42856773	42856896	NC_000017.10
cg06058576	5.36E-14	2.20E-15	-8.63	24.0498626	-1.72E-01	506472	506595	NC_000005.9
cg20829834	5.36E-14	2.20E-15	-8.63	24.048335	-1.69E-01	63946048	63946171	NC_000003.11
ch.2.4964537R	5.38E-14	2.21E-15	-8.62	24.044896	-2.46E-02	242189929	242190052	NC_000002.11
cg14176088	5.39E-14	2.21E-15	-8.62	24.0436992	-1.07E-01	9785289	9785412	NC_000001.10
cg16527939	5.40E-14	2.21E-15	-8.62	24.0418015	-1.27E-01	1253970	1254093	NC_000001.10
cg14574037	5.41E-14	2.22E-15	-8.62	24.0385149	-5.38E-02	155553986	155554109	NC_000002.11

cg18384681	5.41E-14	2.22E-15	-8.62	24.0384877	-7.71E-02	55462126	55462249	NC_000001.10
cg17172595	5.41E-14	2.22E-15	-8.62	24.0384571	-4.96E-02	54813531	54813654	NC_000012.11
cg05875421	5.42E-14	2.22E-15	-8.62	24.0380168	-2.49E-01	91709951	91710074	NC_000014.8
cg09247695	5.42E-14	2.22E-15	-8.62	24.0376479	-1.45E-01	157644273	157644396	NC_000007.13
cg08047629	5.42E-14	2.22E-15	-8.62	24.0368357	-1.62E-01	30125047	30125170	NC_000016.9
cg11166108	5.43E-14	2.23E-15	-8.62	24.0356772	-1.47E-01	18416767	18416890	NC_000011.9
cg11839681	5.44E-14	2.23E-15	-8.62	24.0341754	-1.14E-01	49940919	49941042	NC_000003.11
cg09874213	5.44E-14	2.23E-15	-8.62	24.0327176	-1.19E-01	24968352	24968475	NC_000001.10
cg02879423	5.44E-14	2.23E-15	-8.62	24.0325892	-2.06E-01	224806760	224806883	NC_000002.11
cg02502233	5.44E-14	2.24E-15	-8.62	24.0321919	-2.34E-01	86379603	86379726	NC_000006.11
cg11336539	5.45E-14	2.24E-15	-8.62	24.0320773	-7.61E-02	28994987	28995110	NC_000001.10
cg18995031	5.46E-14	2.24E-15	-8.62	24.0296951	-1.56E-01	114780876	114780999	NC_000013.10
cg22673583	5.47E-14	2.25E-15	-8.62	24.0271573	-5.59E-02	12719049	12719172	NC_000001.10
cg24800655	5.49E-14	2.25E-15	-8.62	24.0240677	-2.30E-01	133065941	133066064	NC_000012.11
cg24429533	5.49E-14	2.25E-15	-8.62	24.0238379	-1.57E-01	107886896	107887019	NC_000007.13
cg11666857	5.50E-14	2.26E-15	-8.62	24.0214697	-1.41E-01	1207464	1207587	NC_000005.9
cg24845165	5.52E-14	2.27E-15	-8.62	24.0178642	-1.47E-01	39968231	39968354	NC_000020.10
cg21878918	5.52E-14	2.27E-15	-8.62	24.0173672	-8.36E-02	57634762	57634885	NC_000012.11
cg15048534	5.52E-14	2.27E-15	-8.62	24.0172077	-9.04E-02	74381192	74381315	NC_000017.10
cg14184873	5.54E-14	2.28E-15	-8.62	24.0146187	-5.28E-02	151342350	151342473	NC_000002.11
cg22298548	5.54E-14	2.28E-15	-8.62	24.0138801	-1.19E-01	35424933	35425056	NC_000017.10
cg00454770	5.55E-14	2.28E-15	-8.62	24.0116518	-1.58E-01	116286974	116287097	NC_000010.10
ch.3.2410502F	5.57E-14	2.29E-15	-8.62	24.0083739	-3.37E-02	123216572	123216695	NC_000003.11
cg11887996	5.57E-14	2.29E-15	-8.62	24.0082087	-1.28E-01	120559003	120559126	NC_000012.11
cg02423574	5.59E-14	2.30E-15	-8.62	24.0053683	-6.86E-02	119066560	119066683	NC_000011.9

cg01924561	5.59E-14	2.30E-15	-8.62	24.0048117	-2.19E-01	43416103	43416226	NC_000001.10
cg09917123	5.59E-14	2.30E-15	-8.62	24.0041349	-8.21E-02	201766393	201766516	NC_000002.11
cg02229095	5.60E-14	2.30E-15	-8.62	24.0026761	-1.47E-01	146011663	146011786	NC_000008.10
cg14861518	5.61E-14	2.31E-15	-8.62	24.0007374	-6.74E-02	30688295	30688418	NC_000006.11
cg24236839	5.63E-14	2.32E-15	-8.62	23.997221	-1.45E-01	5038822	5038945	NC_000019.9
cg08263140	5.63E-14	2.32E-15	-8.62	23.9961879	-1.67E-01	32864238	32864361	NC_000001.10
cg15237152	5.63E-14	2.32E-15	-8.62	23.9958333	-1.12E-01	11649631	11649754	NC_000019.9
cg26663742	5.65E-14	2.32E-15	-8.62	23.993929	-9.14E-02	70906136	70906259	NC_000005.9
cg16275295	5.65E-14	2.33E-15	-8.62	23.992562	-1.59E-01	101661984	101662107	NC_000015.9
cg08448622	5.65E-14	2.33E-15	-8.62	23.9922931	-2.02E-01	31026105	31026228	NC_000006.11
cg07749943	5.66E-14	2.33E-15	-8.62	23.9906537	-1.31E-01	3468188	3468311	NC_000004.11
cg01319701	5.67E-14	2.34E-15	-8.62	23.9885296	-1.06E-01	749264	749387	NC_000020.10
cg04262934	5.68E-14	2.34E-15	-8.62	23.987702	-1.21E-01	33173581	33173704	NC_000006.11
cg13710969	5.70E-14	2.35E-15	-8.61	23.9845356	-1.07E-01	79393463	79393586	NC_000017.10
cg25255988	5.70E-14	2.35E-15	-8.61	23.9832724	-1.33E-01	75428927	75429050	NC_000011.9
cg17470723	5.71E-14	2.35E-15	-8.61	23.9819267	-5.27E-02	74884337	74884460	NC_000008.10
cg03068346	5.71E-14	2.35E-15	-8.61	23.9807846	-1.87E-01	3113919	3114042	NC_000010.10
cg25848158	5.73E-14	2.36E-15	-8.61	23.976953	-4.42E-02	151966808	151966931	NC_000001.10
cg00004082	5.74E-14	2.37E-15	-8.61	23.9751141	-1.05E-01	10020360	10020483	NC_000004.11
cg02515217	5.75E-14	2.37E-15	-8.61	23.9735293	-2.01E-01	57918600	57918723	NC_000017.10
cg22845912	5.76E-14	2.37E-15	-8.61	23.9725849	-1.56E-01	134059874	134059997	NC_000008.10
cg07835482	5.77E-14	2.38E-15	-8.61	23.9699665	-1.94E-01	182656091	182656214	NC_000002.11
cg11467015	5.78E-14	2.39E-15	-8.61	23.9680364	-7.00E-02	77786853	77786976	NC_000017.10
cg03463778	5.79E-14	2.39E-15	-8.61	23.966265	-1.18E-01	48185200	48185323	NC_000010.10
cg15999356	5.80E-14	2.39E-15	-8.61	23.9649465	-1.70E-01	101990755	101990878	NC_000011.9

cg26883251	5.80E-14	2.39E-15	-8.61	23.964586	-1.14E-01	213169046	213169169	NC_000001.10
cg26228577	5.80E-14	2.39E-15	-8.61	23.9640108	-1.24E-01	121624862	121624985	NC_000002.11
cg25270886	5.81E-14	2.40E-15	-8.61	23.9630715	-1.29E-01	77752742	77752865	NC_000017.10
cg19515510	5.81E-14	2.40E-15	-8.61	23.9624564	-8.45E-02	73201236	73201359	NC_000017.10
cg13026629	5.81E-14	2.40E-15	-8.61	23.9620666	-2.02E-01	36347703	36347826	NC_000014.8
cg09516349	5.82E-14	2.40E-15	-8.61	23.9604989	-9.68E-02	18529339	18529462	NC_000019.9
cg09429111	5.83E-14	2.40E-15	-8.61	23.9601755	-5.21E-02	96792562	96792685	NC_000009.11
cg14611816	5.83E-14	2.41E-15	-8.61	23.9588707	-1.56E-01	79068961	79069084	NC_000017.10
cg15231794	5.83E-14	2.41E-15	-8.61	23.9587939	-1.16E-01	4639844	4639967	NC_000019.9
cg27640763	5.85E-14	2.41E-15	-8.61	23.956182	-1.20E-01	91503109	91503232	NC_000012.11
cg26028440	5.85E-14	2.41E-15	-8.61	23.9560003	-1.77E-01	27982716	27982839	NC_000001.10
cg15052747	5.85E-14	2.41E-15	-8.61	23.9559053	-1.77E-01	138942591	138942714	NC_000009.11
cg15899738	5.86E-14	2.42E-15	-8.61	23.9532771	-2.23E-01	3033579	3033702	NC_000007.13
cg26348487	5.88E-14	2.43E-15	-8.61	23.9505219	-2.24E-01	2488560	2488683	NC_000019.9
cg01347553	5.88E-14	2.43E-15	-8.61	23.9504081	-1.69E-01	1906764	1906887	NC_000012.11
cg07693238	5.88E-14	2.43E-15	-8.61	23.9498051	-1.83E-01	99595437	99595560	NC_000007.13
cg00817377	5.88E-14	2.43E-15	-8.61	23.9493743	-8.68E-02	73441057	73441180	NC_000007.13
cg21386573	5.89E-14	2.43E-15	-8.61	23.9478104	-1.82E-01	94219800	94219923	NC_000001.10
cg08301518	5.90E-14	2.44E-15	-8.61	23.9462291	-1.41E-01	3672411	3672534	NC_000019.9
cg06873564	5.90E-14	2.44E-15	-8.61	23.9458651	-2.16E-01	220554043	220554166	NC_000002.11
cg25214792	5.91E-14	2.44E-15	-8.61	23.9455901	-1.08E-01	21369513	21369636	NC_000022.10
cg11681321	5.91E-14	2.44E-15	-8.61	23.9444307	-1.93E-01	60683059	60683182	NC_000015.9
cg25839663	5.91E-14	2.44E-15	-8.61	23.9442621	-1.69E-01	3207588	3207711	NC_000001.10
cg04424605	5.92E-14	2.45E-15	-8.61	23.943475	-7.39E-02	149939210	149939333	NC_000003.11
cg25154801	5.93E-14	2.45E-15	-8.61	23.9407676	-9.87E-02	41655826	41655949	NC_000008.10

cg02373152	5.95E-14	2.46E-15	-8.61	23.9382361	-5.93E-02	52227767	52227890	NC_000006.11
cg02352370	5.95E-14	2.46E-15	-8.61	23.9376968	-1.38E-01	32054845	32054968	NC_000006.11
cg14335069	5.96E-14	2.46E-15	-8.61	23.9363446	-9.72E-02	41956810	41956933	NC_000022.10
cg09552692	5.96E-14	2.47E-15	-8.61	23.9354194	-1.11E-01	66274614	66274737	NC_000015.9
cg04102510	5.96E-14	2.47E-15	-8.61	23.9351363	-2.65E-01	226850741	226850864	NC_000001.10
cg14165142	5.97E-14	2.47E-15	-8.61	23.9344587	-2.05E-01	3778655	3778778	NC_000020.10
cg04260955	5.98E-14	2.47E-15	-8.61	23.9316536	-6.92E-02	225039676	225039799	NC_000001.10
cg02314896	6.00E-14	2.48E-15	-8.61	23.9294545	-1.43E-01	49059802	49059925	NC_000019.9
cg08399230	6.00E-14	2.48E-15	-8.61	23.9287887	-4.89E-02	4665037	4665160	NC_000016.9
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cg21593149	6.00E-14	2.48E-15	-8.61	23.9280211	-2.32E-01	1300163	1300286	NC_000004.11
cg22717593	6.00E-14	2.48E-15	-8.61	23.9278562	-1.33E-01	45647012	45647135	NC_000019.9
cg02992311	6.01E-14	2.49E-15	-8.61	23.9275064	-1.61E-01	39523626	39523749	NC_000019.9
cg18949415	6.01E-14	2.49E-15	-8.61	23.9262359	-1.51E-01	43969136	43969259	NC_000006.11
cg11989674	6.04E-14	2.50E-15	-8.6	23.9219819	-5.73E-02	175351902	175352025	NC_000002.11
cg12596243	6.04E-14	2.50E-15	-8.6	23.9214413	-1.70E-01	218597777	218597900	NC_000002.11
cg10857905	6.06E-14	2.51E-15	-8.6	23.9183275	-1.46E-01	80026963	80027086	NC_000010.10
cg03851496	6.07E-14	2.51E-15	-8.6	23.91646	-1.56E-01	150488805	150488928	NC_000001.10
cg21197796	6.07E-14	2.51E-15	-8.6	23.9160679	-1.91E-01	111313996	111314119	NC_000009.11
cg23995459	6.07E-14	2.52E-15	-8.6	23.9154667	-1.31E-01	53191787	53191910	NC_000001.10
cg15015340	6.08E-14	2.52E-15	-8.6	23.9145109	-1.46E-01	61486220	61486343	NC_000011.9
cg15224459	6.10E-14	2.53E-15	-8.6	23.9104016	-2.27E-01	81042023	81042146	NC_000017.10
cg01012026	6.11E-14	2.53E-15	-8.6	23.9100259	-1.48E-01	229388	229511	NC_000007.13
cg08623810	6.14E-14	2.54E-15	-8.6	23.9044604	-1.56E-01	64427416	64427539	NC_000011.9
cg26116560	6.14E-14	2.55E-15	-8.6	23.9037424	-5.52E-02	86565259	86565382	NC_000002.11

cg07041720	6.16E-14	2.55E-15	-8.6	23.9015289	-1.64E-01	2556962	2557085	NC_000007.13
cg14785527	6.16E-14	2.55E-15	-8.6	23.9006	-2.37E-01	90656978	90657101	NC_000010.10
cg11478273	6.16E-14	2.55E-15	-8.6	23.900512	-5.36E-02	128806682	128806805	NC_000008.10
cg07334977	6.16E-14	2.56E-15	-8.6	23.8999916	-5.99E-02	182880768	182880891	NC_000003.11
cg08104568	6.17E-14	2.56E-15	-8.6	23.8989333	-1.15E-01	23623728	23623851	NC_000014.8
cg17904739	6.18E-14	2.56E-15	-8.6	23.8976006	-1.96E-01	3861567	3861690	NC_000012.11
ch.12.193030F	6.18E-14	2.56E-15	-8.6	23.8966062	-7.57E-02	6684032	6684155	NC_000012.11
cg06192883	6.19E-14	2.57E-15	-8.6	23.8948813	-1.92E-01	52554171	52554294	NC_000015.9
cg03992022	6.20E-14	2.57E-15	-8.6	23.8942016	-5.81E-02	57770483	57770606	NC_000016.9
cg18195228	6.20E-14	2.57E-15	-8.6	23.8941209	-1.82E-01	50474181	50474304	NC_000014.8
cg23791011	6.21E-14	2.57E-15	-8.6	23.8925455	-2.44E-01	124219564	124219687	NC_000010.10
cg15655495	6.22E-14	2.58E-15	-8.6	23.8907213	-9.37E-02	38532458	38532581	NC_000012.11
cg24214260	6.22E-14	2.58E-15	-8.6	23.890572	-6.05E-02	58193221	58193344	NC_000019.9
cg02512902	6.22E-14	2.58E-15	-8.6	23.8896589	-1.69E-01	25799447	25799570	NC_000017.10
cg01965380	6.24E-14	2.59E-15	-8.6	23.8870458	-1.88E-01	90321064	90321187	NC_000001.10
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cg16345226	6.25E-14	2.59E-15	-8.6	23.8848263	-1.02E-01	16771394	16771517	NC_000019.9
cg21325715	6.27E-14	2.60E-15	-8.6	23.8813902	-1.14E-01	80297128	80297251	NC_000017.10
cg25276752	6.27E-14	2.61E-15	-8.6	23.8808146	-1.35E-01	17961566	17961689	NC_000019.9
cg22757362	6.29E-14	2.61E-15	-8.6	23.8786802	-1.80E-01	43721445	43721568	NC_000010.10
cg24679890	6.31E-14	2.62E-15	-8.6	23.8741639	-2.13E-01	17246356	17246479	NC_000019.9
cg12531003	6.32E-14	2.63E-15	-8.6	23.8726686	-3.62E-02	56152621	56152744	NC_000019.9
cg02819851	6.34E-14	2.63E-15	-8.6	23.8701743	-6.84E-02	66406003	66406126	NC_000011.9
cg03224627	6.35E-14	2.64E-15	-8.6	23.869155	-2.23E-01	177896505	177896628	NC_000001.10
ch.8.419879R	6.35E-14	2.64E-15	-8.6	23.8690674	-9.76E-02	17087500	17087623	NC_000008.10



cg23996241	6.35E-14	2.64E-15	-8.6	23.867897	-6.14E-02	33914362	33914485	NC_000017.10
cg09760618	6.36E-14	2.64E-15	-8.6	23.8671507	-1.61E-01	233243204	233243327	NC_000002.11
cg17316564	6.36E-14	2.64E-15	-8.6	23.8666176	-1.64E-01	100557738	100557861	NC_000012.11
cg00868476	6.36E-14	2.64E-15	-8.6	23.8663413	-1.56E-01	30186006	30186129	NC_000008.10
cg03171003	6.36E-14	2.64E-15	-8.6	23.8662795	-2.35E-01	111875934	111876057	NC_000002.11
cg08989290	6.36E-14	2.64E-15	-8.6	23.8662023	-1.35E-01	615782	615905	NC_000016.9
cg16711332	6.37E-14	2.65E-15	-8.6	23.8650868	-1.71E-01	6531727	6531850	NC_000001.10
cg07385501	6.38E-14	2.65E-15	-8.6	23.8629902	-6.12E-02	30913935	30914058	NC_000016.9
ch.9.93402636R	6.38E-14	2.65E-15	-8.6	23.8628827	-9.16E-02	94362815	94362938	NC_000009.11
cg24724832	6.38E-14	2.65E-15	-8.6	23.862771	-1.95E-01	11779395	11779518	NC_000001.10
cg09226288	6.39E-14	2.66E-15	-8.6	23.8603439	-1.45E-01	51225561	51225684	NC_000022.10
cg23043143	6.40E-14	2.66E-15	-8.59	23.858937	-1.36E-01	2612101	2612224	NC_000007.13
cg24397007	6.40E-14	2.66E-15	-8.59	23.8585831	-1.64E-01	28619094	28619217	NC_000002.11
cg24360617	6.41E-14	2.67E-15	-8.59	23.8580317	-1.23E-01	39353495	39353618	NC_000022.10
ch.11.1000958R	6.45E-14	2.68E-15	-8.59	23.8517436	-3.21E-02	47762775	47762898	NC_000011.9
cg24110396	6.46E-14	2.69E-15	-8.59	23.8496076	-1.67E-01	35589246	35589369	NC_000010.10
cg19403377	6.47E-14	2.69E-15	-8.59	23.8487311	-1.38E-01	53800225	53800348	NC_000017.10
cg00168634	6.47E-14	2.70E-15	-8.59	23.8471407	-1.68E-01	154572830	154572953	NC_000004.11
cg08523343	6.49E-14	2.70E-15	-8.59	23.844706	-7.38E-02	14872934	14873057	NC_000005.9
cg21243348	6.49E-14	2.70E-15	-8.59	23.8439498	-2.59E-02	32899773	32899896	NC_000020.10
cg13527921	6.50E-14	2.71E-15	-8.59	23.8429088	-1.14E-01	100819928	100820051	NC_000009.11
cg24432193	6.51E-14	2.71E-15	-8.59	23.8410447	-1.54E-01	102062733	102062856	NC_000006.11
cg11314042	6.51E-14	2.71E-15	-8.59	23.8404871	-9.01E-02	143380966	143381089	NC_000006.11
cg24189917	6.53E-14	2.72E-15	-8.59	23.8378704	-1.85E-01	1970923	1971046	NC_000007.13
cg03978041	6.53E-14	2.72E-15	-8.59	23.8376582	-1.95E-01	200862726	200862849	NC_000001.10

cg23508591	6.53E-14	2.72E-15	-8.59	23.8375202	-6.46E-02	75871807	75871930	NC_000015.9
cg26452771	6.54E-14	2.72E-15	-8.59	23.8365543	-2.01E-01	78955619	78955742	NC_000011.9
cg08035234	6.55E-14	2.73E-15	-8.59	23.8354753	-1.62E-01	62107430	62107553	NC_000001.10
cg00040016	6.55E-14	2.73E-15	-8.59	23.8351207	-1.30E-01	57833286	57833409	NC_000017.10
cg06792126	6.55E-14	2.73E-15	-8.59	23.8350109	-1.97E-01	90365488	90365611	NC_000015.9
cg25194328	6.55E-14	2.73E-15	-8.59	23.8344459	-4.24E-02	54472477	54472600	NC_000005.9
cg11471401	6.59E-14	2.75E-15	-8.59	23.8290401	-1.75E-01	52888480	52888603	NC_000012.11
cg25210134	6.62E-14	2.76E-15	-8.59	23.8228417	-1.52E-01	40600265	40600388	NC_000015.9
ch.11.1434436R	6.63E-14	2.76E-15	-8.59	23.8222787	-3.86E-02	68667313	68667436	NC_000011.9
ch.6.1093576F	6.65E-14	2.78E-15	-8.59	23.8181905	-4.44E-02	44080318	44080441	NC_000006.11
cg01801643	6.66E-14	2.78E-15	-8.59	23.8170529	-1.70E-01	43387641	43387764	NC_000003.11
cg03301165	6.68E-14	2.79E-15	-8.59	23.8146885	-1.99E-01	19712046	19712169	NC_000016.9
cg00509921	6.69E-14	2.79E-15	-8.59	23.8127766	-1.28E-01	79632331	79632454	NC_000016.9
cg05924780	6.70E-14	2.80E-15	-8.59	23.8105068	-1.02E-01	6745524	6745647	NC_000012.11
cg12395299	6.71E-14	2.80E-15	-8.59	23.8099304	-1.48E-01	29349218	29349341	NC_000015.9
cg20858173	6.72E-14	2.80E-15	-8.59	23.8083427	-5.84E-02	145214769	145214892	NC_000005.9
cg27040708	6.72E-14	2.80E-15	-8.59	23.808115	-1.59E-01	49553788	49553911	NC_000019.9
cg22835157	6.75E-14	2.82E-15	-8.59	23.803399	-7.80E-02	41218352	41218475	NC_000015.9
cg20207443	6.75E-14	2.82E-15	-8.59	23.8028073	-1.64E-01	118144311	118144434	NC_000003.11
cg19671553	6.77E-14	2.83E-15	-8.59	23.8000863	-1.90E-01	50004444	50004567	NC_000019.9
cg22745143	6.78E-14	2.83E-15	-8.59	23.7979191	-1.72E-01	14478042	14478165	NC_000010.10
cg09790226	6.79E-14	2.84E-15	-8.58	23.7969916	-1.59E-01	33571230	33571353	NC_000015.9
cg26359488	6.79E-14	2.84E-15	-8.58	23.7965196	-1.29E-01	153606037	153606160	NC_000001.10
cg11235015	6.81E-14	2.84E-15	-8.58	23.7942255	-1.47E-01	148762393	148762516	NC_000006.11
cg22643110	6.84E-14	2.86E-15	-8.58	23.7893675	-1.24E-01	72319345	72319468	NC_000010.10

cg17533116	6.85E-14	2.86E-15	-8.58	23.7874226	-1.05E-01	127518847	127518970	NC_000003.11
ch.1.1363396R	6.88E-14	2.88E-15	-8.58	23.7827843	-5.76E-02	44168444	44168567	NC_000001.10
ch.20.983686F	6.89E-14	2.88E-15	-8.58	23.7822073	-4.81E-02	45308612	45308735	NC_000020.10
cg00165631	6.89E-14	2.88E-15	-8.58	23.7818305	-1.16E-01	201159988	201160111	NC_000001.10
cg17281365	6.92E-14	2.89E-15	-8.58	23.7776305	-5.38E-02	45871073	45871196	NC_000002.11
cg02936493	6.93E-14	2.90E-15	-8.58	23.7750554	-1.92E-01	73223935	73224058	NC_000007.13
cg14018735	6.95E-14	2.91E-15	-8.58	23.772884	-1.43E-01	136270734	136270857	NC_000009.11
cg01795122	6.95E-14	2.91E-15	-8.58	23.7722982	-8.16E-02	48828859	48828982	NC_000019.9
cg22079077	6.97E-14	2.92E-15	-8.58	23.7694168	-1.53E-01	41061384	41061507	NC_000015.9
cg15746620	6.97E-14	2.92E-15	-8.58	23.7687933	-1.30E-01	14785849	14785972	NC_000019.9
cg00231049	7.01E-14	2.94E-15	-8.58	23.7630066	-9.06E-02	23855119	23855242	NC_000001.10
cg08978350	7.02E-14	2.94E-15	-8.58	23.7621083	-2.47E-02	98273903	98274026	NC_000010.10
cg20811266	7.03E-14	2.94E-15	-8.58	23.7611893	-2.58E-02	116164877	116165000	NC_000007.13
cg03827720	7.05E-14	2.95E-15	-8.58	23.7583872	-1.99E-01	18843724	18843847	NC_000012.11
cg11402505	7.06E-14	2.96E-15	-8.58	23.7560077	-1.30E-01	39523436	39523559	NC_000019.9
cg02921779	7.07E-14	2.96E-15	-8.58	23.7549822	-3.96E-02	52904682	52904805	NC_000004.11
cg24267699	7.08E-14	2.97E-15	-8.58	23.7527386	-1.36E-01	136151359	136151482	NC_000009.11
cg14973995	7.09E-14	2.97E-15	-8.58	23.7519454	-1.05E-01	2935692	2935815	NC_000004.11
cg03321829	7.09E-14	2.97E-15	-8.58	23.7513085	-1.62E-01	172295653	172295776	NC_000005.9
cg02487499	7.10E-14	2.98E-15	-8.58	23.7496743	-6.11E-02	33937968	33938091	NC_000001.10
cg06551697	7.11E-14	2.98E-15	-8.58	23.7490015	-1.78E-01	56612362	56612485	NC_000017.10
cg04309212	7.12E-14	2.98E-15	-8.58	23.7478911	-5.91E-02	223183932	223184055	NC_000002.11
cg03406535	7.12E-14	2.98E-15	-8.58	23.7476299	-1.26E-01	10056957	10057080	NC_000001.10
cg16630229	7.12E-14	2.98E-15	-8.58	23.7473337	-6.25E-02	33160604	33160727	NC_000006.11
cg01248010	7.13E-14	2.99E-15	-8.58	23.7462429	-8.89E-02	242448543	242448666	NC_000002.11

cg13100600	7.13E-14	2.99E-15	-8.58	23.7461776	-1.79E-01	958351	958474	NC_000001.10
cg24014795	7.14E-14	2.99E-15	-8.58	23.7443366	-1.60E-01	81893935	81894058	NC_000014.8
cg06862136	7.15E-14	3.00E-15	-8.58	23.742135	-1.55E-01	112370277	112370400	NC_000011.9
cg12368702	7.16E-14	3.00E-15	-8.58	23.7412954	-5.71E-02	53165711	53165834	NC_000016.9
cg21839856	7.16E-14	3.00E-15	-8.58	23.7409081	-1.65E-01	111372486	111372609	NC_000012.11
cg15618908	7.17E-14	3.00E-15	-8.58	23.7401881	-1.89E-01	173141761	173141884	NC_000005.9
cg22129276	7.17E-14	3.01E-15	-8.58	23.7391662	-1.33E-01	169926103	169926226	NC_000002.11
cg13013841	7.18E-14	3.01E-15	-8.58	23.7375965	-1.58E-01	18281021	18281144	NC_000017.10
cg10094358	7.20E-14	3.02E-15	-8.58	23.7357565	-1.30E-01	31127271	31127394	NC_000006.11
cg12090740	7.24E-14	3.04E-15	-8.57	23.7294801	-1.18E-01	60988058	60988181	NC_000018.9
cg20788021	7.24E-14	3.04E-15	-8.57	23.7287927	-1.62E-01	58164168	58164291	NC_000003.11
cg07064544	7.25E-14	3.04E-15	-8.57	23.7284914	-2.11E-01	43029994	43030117	NC_000020.10
cg10938446	7.27E-14	3.05E-15	-8.57	23.7254739	-1.69E-01	113875723	113875846	NC_000002.11
cg00433917	7.27E-14	3.05E-15	-8.57	23.7253603	-1.79E-01	7915517	7915640	NC_000019.9
cg27606464	7.27E-14	3.05E-15	-8.57	23.7247323	-4.34E-02	36793614	36793737	NC_000020.10
cg11795753	7.27E-14	3.05E-15	-8.57	23.7242182	-1.09E-01	133337036	133337159	NC_000012.11
cg07470314	7.29E-14	3.06E-15	-8.57	23.7218241	-7.65E-02	21766704	21766827	NC_000008.10
cg01325840	7.30E-14	3.06E-15	-8.57	23.7202387	-5.68E-02	37508476	37508599	NC_000021.8
cg06970228	7.30E-14	3.07E-15	-8.57	23.7197763	-3.94E-02	21831943	21832066	NC_000016.9
cg07605241	7.32E-14	3.07E-15	-8.57	23.7177616	-3.23E-02	6302729	6302852	NC_000001.10
cg18002602	7.32E-14	3.07E-15	-8.57	23.7177507	-9.01E-02	66138449	66138572	NC_000011.9
cg21956150	7.32E-14	3.07E-15	-8.57	23.7175104	-7.03E-02	1438388	1438511	NC_000019.9
cg18960218	7.35E-14	3.09E-15	-8.57	23.7126244	-1.32E-01	23285365	23285488	NC_000014.8
cg06150148	7.37E-14	3.10E-15	-8.57	23.710202	-1.68E-01	100902129	100902252	NC_000002.11
cg03876424	7.40E-14	3.11E-15	-8.57	23.7067363	-7.27E-02	103569948	103570071	NC_000014.8

cg13043815	7.41E-14	3.11E-15	-8.57	23.7048484	-1.93E-01	33867551	33867674	NC_000021.8
cg20326928	7.46E-14	3.13E-15	-8.57	23.6979632	-7.58E-02	16399560	16399683	NC_000001.10
cg16543027	7.47E-14	3.14E-15	-8.57	23.6970159	-1.49E-01	40599680	40599803	NC_000015.9
cg25332717	7.47E-14	3.14E-15	-8.57	23.6970149	-1.52E-01	106020669	106020792	NC_000002.11
cg00644814	7.48E-14	3.15E-15	-8.57	23.6944922	-1.63E-01	6480929	6481052	NC_000001.10
cg16286735	7.51E-14	3.16E-15	-8.57	23.6911825	-2.10E-01	45371778	45371901	NC_000017.10
cg26081162	7.53E-14	3.17E-15	-8.57	23.6883527	-5.78E-02	49518449	49518572	NC_000006.11
cg01940753	7.54E-14	3.17E-15	-8.57	23.687378	-1.82E-01	81069622	81069745	NC_000015.9
cg16483490	7.56E-14	3.18E-15	-8.57	23.6837784	-7.04E-02	111879711	111879834	NC_000002.11
cg23703060	7.56E-14	3.18E-15	-8.57	23.6837269	-1.65E-01	168768172	168768295	NC_000006.11
cg27145042	7.58E-14	3.19E-15	-8.57	23.6814957	-6.27E-02	25026956	25027079	NC_000016.9
cg25591377	7.59E-14	3.19E-15	-8.57	23.6797505	-1.54E-01	16184961	16185084	NC_000017.10
cg02770313	7.60E-14	3.20E-15	-8.57	23.6787051	-9.33E-02	27371397	27371520	NC_000001.10
cg01020263	7.61E-14	3.20E-15	-8.57	23.6771454	-1.45E-01	50732073	50732196	NC_000016.9
cg17342588	7.62E-14	3.21E-15	-8.57	23.6757782	-2.00E-01	27737875	27737998	NC_000007.13
cg26987613	7.62E-14	3.21E-15	-8.57	23.675529	-1.33E-01	33219410	33219533	NC_000006.11
cg13488851	7.62E-14	3.21E-15	-8.57	23.6751786	-1.80E-01	35246223	35246346	NC_000001.10
cg16237031	7.63E-14	3.21E-15	-8.57	23.6748036	-1.44E-01	149657288	149657411	NC_000006.11
cg24885246	7.63E-14	3.21E-15	-8.57	23.6743397	-1.80E-01	17618903	17619026	NC_000019.9
cg05097643	7.63E-14	3.21E-15	-8.57	23.6739699	-1.26E-01	3018470	3018593	NC_000016.9
cg24495350	7.64E-14	3.22E-15	-8.57	23.6726938	-1.85E-01	72651198	72651321	NC_000015.9
cg25479708	7.66E-14	3.23E-15	-8.56	23.6696167	-9.49E-02	8067759	8067882	NC_000017.10
cg18763629	7.67E-14	3.23E-15	-8.56	23.6685662	-1.71E-01	1199037	1199160	NC_000004.11
ch.7.1628533R	7.67E-14	3.23E-15	-8.56	23.668275	-6.74E-02	73938938	73939061	NC_000007.13
cg22174486	7.67E-14	3.23E-15	-8.56	23.6678502	-1.21E-01	536817	536940	NC_000011.9

cg03434509	7.68E-14	3.24E-15	-8.56	23.6664442	-2.01E-01	82543424	82543547	NC_000008.10
cg05418915	7.69E-14	3.24E-15	-8.56	23.6660521	-2.62E-01	196426178	196426301	NC_000002.11
cg05963604	7.69E-14	3.24E-15	-8.56	23.6653819	-1.10E-01	57263543	57263666	NC_000003.11
cg24768595	7.72E-14	3.25E-15	-8.56	23.6611898	-2.19E-01	76677111	76677234	NC_000017.10
ch.22.528917R	7.72E-14	3.25E-15	-8.56	23.6609277	-1.09E-01	35670551	35670674	NC_000022.10
cg24554987	7.74E-14	3.26E-15	-8.56	23.6590748	-1.62E-01	155943952	155944075	NC_000007.13
cg12098441	7.74E-14	3.26E-15	-8.56	23.6590189	-1.63E-01	119217672	119217795	NC_000006.11
cg00339319	7.75E-14	3.27E-15	-8.56	23.6574763	-9.08E-02	223899845	223899968	NC_000001.10
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cg06925882	7.77E-14	3.27E-15	-8.56	23.6551208	-1.21E-01	85157885	85158008	NC_000016.9
cg11282353	7.77E-14	3.27E-15	-8.56	23.6549165	-1.20E-01	133706085	133706208	NC_000003.11
cg01611017	7.77E-14	3.28E-15	-8.56	23.6541938	-1.40E-01	95780344	95780467	NC_000014.8
cg17344040	7.77E-14	3.28E-15	-8.56	23.6539028	-1.81E-01	64626220	64626343	NC_000011.9
cg03505817	7.77E-14	3.28E-15	-8.56	23.6536621	-1.07E-01	93735925	93736048	NC_000014.8
ch.10.2548028F	7.81E-14	3.30E-15	-8.56	23.6485148	-6.59E-02	120887417	120887540	NC_000010.10
cg26369382	7.82E-14	3.30E-15	-8.56	23.6470201	-2.06E-01	100240341	100240464	NC_000007.13
cg17052170	7.85E-14	3.31E-15	-8.56	23.6429623	-1.87E-01	144099482	144099605	NC_000008.10
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cg25683444	7.87E-14	3.32E-15	-8.56	23.6410196	-5.97E-02	42841115	42841238	NC_000015.9
cg21413797	7.89E-14	3.33E-15	-8.56	23.63822	-1.91E-01	134165843	134165966	NC_000003.11
cg08144503	7.92E-14	3.34E-15	-8.56	23.6341882	-6.42E-02	67450471	67450594	NC_000016.9
cg15491102	7.96E-14	3.36E-15	-8.56	23.6293262	-1.87E-01	51027597	51027720	NC_000013.10
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cg22824738	7.97E-14	3.37E-15	-8.56	23.6275358	-1.21E-01	54765988	54766111	NC_000012.11
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cg00368059	7.98E-14	3.37E-15	-8.56	23.6264671	-4.95E-02	106034747	106034870	NC_000010.10
cg18320648	7.99E-14	3.38E-15	-8.56	23.624782	-6.80E-02	152266336	152266459	NC_000002.11
cg23097499	8.01E-14	3.38E-15	-8.56	23.6226328	-1.42E-01	12225569	12225692	NC_000001.10
cg19311153	8.01E-14	3.39E-15	-8.56	23.6217734	-1.19E-01	71659830	71659953	NC_000016.9
cg11615029	8.03E-14	3.39E-15	-8.56	23.6200222	-1.21E-01	48263189	48263312	NC_000017.10
cg26279261	8.04E-14	3.40E-15	-8.56	23.6184281	-2.04E-01	17346089	17346212	NC_000019.9
ch.7.2252844R	8.05E-14	3.40E-15	-8.56	23.6173743	-9.89E-02	105105864	105105987	NC_000007.13
cg16751781	8.07E-14	3.41E-15	-8.56	23.6148996	-7.11E-02	78858589	78858712	NC_000015.9
cg05051117	8.07E-14	3.41E-15	-8.56	23.6143049	-7.25E-02	205719564	205719687	NC_000001.10
cg06057079	8.10E-14	3.43E-15	-8.55	23.6099881	-1.59E-01	2048520	2048643	NC_000004.11
cg24646529	8.11E-14	3.43E-15	-8.55	23.6092493	-5.44E-02	30689576	30689699	NC_000006.11
cg14157073	8.12E-14	3.43E-15	-8.55	23.6083683	-6.19E-02	7765564	7765687	NC_000001.10
cg06661994	8.13E-14	3.44E-15	-8.55	23.606257	-1.91E-01	62184363	62184486	NC_000020.10
cg13884879	8.14E-14	3.44E-15	-8.55	23.6056975	-1.79E-01	9540759	9540882	NC_000002.11
cg03220447	8.15E-14	3.45E-15	-8.55	23.6043589	-1.33E-01	19745293	19745416	NC_000011.9
cg13226135	8.16E-14	3.45E-15	-8.55	23.602481	-1.19E-01	40051471	40051594	NC_000022.10
cg16120196	8.19E-14	3.46E-15	-8.55	23.5992618	-1.53E-01	2922569	2922692	NC_000001.10
cg02088366	8.20E-14	3.47E-15	-8.55	23.5971888	-5.65E-02	220906720	220906843	NC_000001.10
cg06679538	8.21E-14	3.48E-15	-8.55	23.5961533	-4.97E-02	101458783	101458906	NC_000015.9
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cg20729768	8.26E-14	3.49E-15	-8.55	23.5905728	-1.44E-01	10399379	10399502	NC_000003.11
cg11462252	8.28E-14	3.50E-15	-8.55	23.5879106	-1.90E-01	168139607	168139730	NC_000005.9
cg04164584	8.28E-14	3.50E-15	-8.55	23.5877592	-1.88E-01	27235821	27235944	NC_000017.10
cg02297801	8.28E-14	3.51E-15	-8.55	23.5872281	-9.57E-02	1710663	1710786	NC_000001.10
cg03164969	8.29E-14	3.51E-15	-8.55	23.5863413	-1.21E-01	1855884	1856007	NC_000011.9

cg14671004	8.30E-14	3.51E-15	-8.55	23.5849761	-6.04E-02	39227758	39227881	NC_000019.9
cg23647264	8.33E-14	3.53E-15	-8.55	23.5813291	-4.87E-02	174998950	174999073	NC_000001.10
cg25700533	8.34E-14	3.53E-15	-8.55	23.5798628	-1.88E-01	41062088	41062211	NC_000015.9
cg01400671	8.34E-14	3.53E-15	-8.55	23.5796222	-1.81E-01	90622100	90622223	NC_000009.11
cg07994696	8.35E-14	3.54E-15	-8.55	23.5777951	-1.43E-01	11680075	11680198	NC_000016.9
cg01154966	8.36E-14	3.54E-15	-8.55	23.577341	-5.75E-02	33680989	33681112	NC_000020.10
cg12818493	8.36E-14	3.54E-15	-8.55	23.5773291	-5.97E-02	44527599	44527722	NC_000021.8
cg21640654	8.36E-14	3.54E-15	-8.55	23.5766603	-1.82E-01	234389140	234389263	NC_000002.11
cg08151370	8.36E-14	3.54E-15	-8.55	23.5766248	-2.05E-01	43073152	43073275	NC_000003.11
cg13717434	8.41E-14	3.56E-15	-8.55	23.5712248	-1.70E-01	97854044	97854167	NC_000009.11
cg27629513	8.41E-14	3.57E-15	-8.55	23.5707137	-1.89E-01	33130973	33131096	NC_000007.13
cg09789590	8.41E-14	3.57E-15	-8.55	23.5700279	-8.67E-02	46800479	46800602	NC_000019.9
cg00227578	8.44E-14	3.58E-15	-8.55	23.5669918	-1.39E-01	34657676	34657799	NC_000005.9
cg06865913	8.47E-14	3.59E-15	-8.55	23.5632574	-1.39E-01	85796371	85796494	NC_000015.9
cg03420978	8.47E-14	3.59E-15	-8.55	23.5627046	-1.62E-01	37542310	37542433	NC_000004.11
cg08375658	8.49E-14	3.60E-15	-8.55	23.5602016	-1.67E-01	51538653	51538776	NC_000019.9
cg11737334	8.51E-14	3.61E-15	-8.55	23.5588225	-1.89E-01	17862210	17862333	NC_000019.9
cg04565274	8.51E-14	3.61E-15	-8.55	23.5578463	-1.02E-01	52083294	52083417	NC_000001.10
cg01334735	8.59E-14	3.65E-15	-8.55	23.5486217	-1.74E-01	170520549	170520672	NC_000003.11
cg02349334	8.59E-14	3.65E-15	-8.55	23.5485464	-1.02E-01	76363851	76363974	NC_000013.10
cg08939850	8.59E-14	3.65E-15	-8.55	23.5483987	-2.47E-01	78800806	78800929	NC_000017.10
cg00786747	8.59E-14	3.65E-15	-8.55	23.5483181	-1.47E-01	102042221	102042344	NC_000015.9
cg21440776	8.59E-14	3.65E-15	-8.54	23.5478706	-1.81E-01	6658378	6658501	NC_000012.11
cg04397884	8.62E-14	3.66E-15	-8.54	23.544772	-1.51E-01	56666067	56666190	NC_000014.8
cg10446401	8.62E-14	3.66E-15	-8.54	23.5445274	-7.54E-02	101619230	101619353	NC_000002.11



cg17560073	8.65E-14	3.67E-15	-8.54	23.5409536	-2.63E-01	124850602	124850725	NC_000008.10
cg11586448	8.65E-14	3.67E-15	-8.54	23.5409305	-1.40E-01	123383399	123383522	NC_000012.11
cg16136068	8.66E-14	3.68E-15	-8.54	23.5403387	-1.70E-01	51589507	51589630	NC_000010.10
cg02237734	8.66E-14	3.68E-15	-8.54	23.5396146	-1.03E-01	145139063	145139186	NC_000001.10
cg17869933	8.67E-14	3.68E-15	-8.54	23.5385626	-9.40E-02	56015627	56015750	NC_000019.9
cg09063683	8.67E-14	3.69E-15	-8.54	23.5379226	-1.88E-01	37890150	37890273	NC_000005.9
cg01674147	8.67E-14	3.69E-15	-8.54	23.5378978	-1.78E-01	153878055	153878178	NC_000004.11
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cg05155047	8.77E-14	3.73E-15	-8.54	23.5269061	-1.84E-01	168719	168842	NC_000005.9
cg16391242	8.77E-14	3.73E-15	-8.54	23.5260368	-1.82E-01	3234697	3234820	NC_000007.13
cg24932788	8.78E-14	3.73E-15	-8.54	23.5257283	-6.06E-02	70118912	70119035	NC_000017.10
cg21249771	8.79E-14	3.74E-15	-8.54	23.524106	-1.90E-01	242484705	242484828	NC_000002.11
cg04793096	8.81E-14	3.75E-15	-8.54	23.5219036	-1.52E-01	23077202	23077325	NC_000008.10
cg07781701	8.82E-14	3.75E-15	-8.54	23.5211011	-1.69E-01	105542204	105542327	NC_000003.11
cg22534097	8.82E-14	3.75E-15	-8.54	23.5207616	-1.91E-01	92681082	92681205	NC_000010.10
cg25948982	8.83E-14	3.76E-15	-8.54	23.51873	-1.43E-01	45179157	45179280	NC_000020.10
cg20239639	8.84E-14	3.76E-15	-8.54	23.5178421	-1.32E-01	32739493	32739616	NC_000001.10
cg23180891	8.86E-14	3.77E-15	-8.54	23.5161888	-1.12E-01	19995510	19995633	NC_000020.10
cg11733958	8.88E-14	3.78E-15	-8.54	23.5128802	-1.74E-01	17023057	17023180	NC_000017.10
cg19927565	8.92E-14	3.79E-15	-8.54	23.5092288	-1.24E-01	74023625	74023748	NC_000017.10
cg18626035	8.92E-14	3.80E-15	-8.54	23.5082998	-1.70E-01	103998293	103998416	NC_000004.11
cg01221209	8.93E-14	3.80E-15	-8.54	23.5069705	-2.32E-01	554886	555009	NC_000005.9
cg10514593	8.97E-14	3.82E-15	-8.54	23.5030048	-1.77E-01	134578406	134578529	NC_000010.10
cg00839434	8.97E-14	3.82E-15	-8.54	23.5027644	-1.25E-01	170601062	170601185	NC_000006.11
ch.10.896173F	9.00E-14	3.83E-15	-8.54	23.499862	-7.19E-02	35428323	35428446	NC_000010.10

cg00686915	9.00E-14	3.83E-15	-8.54	23.4988128	-1.72E-01	99076604	99076727	NC_000007.13
cg27626331	9.01E-14	3.84E-15	-8.54	23.497913	-8.82E-02	74162602	74162725	NC_000005.9
cg13650535	9.02E-14	3.84E-15	-8.54	23.4972816	-8.24E-02	126716056	126716179	NC_000009.11
cg05998301	9.06E-14	3.86E-15	-8.54	23.4921513	-1.46E-01	224562787	224562910	NC_000002.11
cg04254487	9.07E-14	3.87E-15	-8.54	23.4907719	-2.11E-01	134304883	134305006	NC_000006.11
cg23539753	9.09E-14	3.87E-15	-8.54	23.4886649	-1.21E-01	231280698	231280821	NC_000002.11
cg22600832	9.09E-14	3.88E-15	-8.54	23.4881161	-1.50E-01	89746837	89746960	NC_000015.9
cg16553051	9.12E-14	3.89E-15	-8.53	23.4849084	-7.24E-02	35806496	35806619	NC_000020.10
ch.3.90857F	9.13E-14	3.89E-15	-8.53	23.4841564	-5.75E-02	4990079	4990202	NC_000003.11
cg02088996	9.14E-14	3.90E-15	-8.53	23.4833951	-1.43E-01	41817771	41817894	NC_000007.13
cg16002660	9.14E-14	3.90E-15	-8.53	23.4828762	-1.92E-01	2310278	2310401	NC_000017.10
cg10888900	9.16E-14	3.91E-15	-8.53	23.4806923	-1.98E-01	134872087	134872210	NC_000010.10
cg23034134	9.18E-14	3.92E-15	-8.53	23.4783329	-4.74E-02	148761738	148761861	NC_000005.9
cg11026555	9.18E-14	3.92E-15	-8.53	23.4779604	-6.67E-02	124247223	124247346	NC_000012.11
cg23291865	9.22E-14	3.94E-15	-8.53	23.4733199	-7.98E-02	5093660	5093783	NC_000020.10
cg08765100	9.23E-14	3.94E-15	-8.53	23.4718832	-1.82E-01	64211659	64211782	NC_000003.11
cg15908975	9.26E-14	3.95E-15	-8.53	23.4687688	-1.65E-01	126698829	126698952	NC_000007.13
cg06750524	9.27E-14	3.96E-15	-8.53	23.468003	-1.30E-01	45409955	45410078	NC_000019.9
cg02768875	9.28E-14	3.96E-15	-8.53	23.4667823	-6.97E-02	43603375	43603498	NC_000006.11
cg07345515	9.28E-14	3.96E-15	-8.53	23.4663534	-1.39E-01	32054771	32054894	NC_000006.11
cg12128483	9.30E-14	3.97E-15	-8.53	23.4639434	-6.71E-02	129691109	129691232	NC_000007.13
cg11844970	9.31E-14	3.98E-15	-8.53	23.4632483	-7.64E-02	100492186	100492309	NC_000007.13
cg09940032	9.31E-14	3.98E-15	-8.53	23.4626115	-2.05E-01	142215736	142215859	NC_000008.10
cg04069927	9.33E-14	3.98E-15	-8.53	23.4610214	-1.55E-01	153601329	153601452	NC_000004.11
cg12433395	9.33E-14	3.98E-15	-8.53	23.461006	-1.23E-01	106533667	106533790	NC_000012.11

cg21982437	9.33E-14	3.99E-15	-8.53	23.4607501	-1.39E-01	51670432	51670555	NC_000019.9
cg07167962	9.36E-14	4.00E-15	-8.53	23.4572717	-5.77E-02	137367923	137368046	NC_000005.9
cg16523185	9.38E-14	4.01E-15	-8.53	23.4550786	-1.38E-01	2337334	2337457	NC_000001.10
cg04452203	9.39E-14	4.01E-15	-8.53	23.454121	-1.67E-01	114332844	114332967	NC_000004.11
cg27510503	9.39E-14	4.01E-15	-8.53	23.4541067	-8.19E-02	22012035	22012158	NC_000022.10
cg09079593	9.39E-14	4.01E-15	-8.53	23.4537173	-3.33E-02	180632555	180632678	NC_000005.9
cg26256521	9.42E-14	4.03E-15	-8.53	23.4502736	-1.45E-01	105147537	105147660	NC_000014.8
cg15451258	9.43E-14	4.03E-15	-8.53	23.4492173	-2.66E-01	30117681	30117804	NC_000015.9
cg18566883	9.44E-14	4.04E-15	-8.53	23.4483966	-2.29E-01	38919676	38919799	NC_000021.8
cg19232929	9.49E-14	4.06E-15	-8.53	23.4433588	-2.00E-01	52299524	52299647	NC_000012.11
ch.1.3577855R	9.49E-14	4.06E-15	-8.53	23.4426768	-5.65E-02	183094577	183094700	NC_000001.10
cg08094614	9.49E-14	4.06E-15	-8.53	23.4422519	-1.92E-01	53319217	53319340	NC_000012.11
cg24338491	9.52E-14	4.07E-15	-8.53	23.4398361	-1.31E-01	91775501	91775624	NC_000012.11
cg07889201	9.52E-14	4.07E-15	-8.53	23.4396369	-7.93E-02	2490030	2490153	NC_000020.10
cg03133269	9.52E-14	4.07E-15	-8.53	23.4388461	-7.58E-02	22468902	22469025	NC_000001.10
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cg10945917	9.57E-14	4.10E-15	-8.53	23.4331979	-1.27E-01	156400160	156400283	NC_000001.10
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cg07593977	9.62E-14	4.12E-15	-8.53	23.4281623	-2.38E-01	11735419	11735542	NC_000008.10
cg26674715	9.63E-14	4.12E-15	-8.53	23.4273559	-6.37E-02	52780607	52780730	NC_000014.8
cg01923099	9.64E-14	4.13E-15	-8.53	23.4252966	-1.73E-01	2889875	2889998	NC_000011.9
cg25291941	9.65E-14	4.13E-15	-8.53	23.4248997	-8.11E-02	99129319	99129442	NC_000008.10
cg17132079	9.65E-14	4.13E-15	-8.53	23.4248941	-1.49E-01	1294140	1294263	NC_000001.10
cg07923666	9.67E-14	4.14E-15	-8.52	23.4222596	-5.83E-02	49932857	49932980	NC_000012.11
cg06034933	9.71E-14	4.16E-15	-8.52	23.4181918	-1.23E-01	228645634	228645757	NC_000001.10

cg05606455	9.71E-14	4.16E-15	-8.52	23.4181344	-1.64E-01	43288757	43288880	NC_000007.13
cg11578066	9.72E-14	4.16E-15	-8.52	23.4172356	-6.46E-02	129033893	129034016	NC_000003.11
cg14695663	9.73E-14	4.17E-15	-8.52	23.4160009	-1.76E-01	145013478	145013601	NC_000008.10
cg27308445	9.75E-14	4.18E-15	-8.52	23.4143674	-1.85E-01	149699675	149699798	NC_000005.9
cg18279625	9.75E-14	4.18E-15	-8.52	23.4141114	-1.80E-01	150317877	150318000	NC_000003.11
cg00577030	9.75E-14	4.18E-15	-8.52	23.4137545	-3.71E-02	62496404	62496527	NC_000020.10
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cg07669403	9.77E-14	4.19E-15	-8.52	23.4117557	-1.34E-01	19477059	19477182	NC_000018.9
cg10661002	9.78E-14	4.19E-15	-8.52	23.4108956	-1.94E-01	25018503	25018626	NC_000007.13
cg04940329	9.78E-14	4.19E-15	-8.52	23.4101308	-1.81E-01	39093054	39093177	NC_000017.10
cg12925881	9.78E-14	4.20E-15	-8.52	23.4099171	-1.75E-01	26050407	26050530	NC_000004.11
cg05783998	9.79E-14	4.20E-15	-8.52	23.4096292	-1.12E-01	74295921	74296044	NC_000006.11
cg01565584	9.79E-14	4.20E-15	-8.52	23.4096181	-1.97E-01	11180077	11180200	NC_000006.11
cg26808921	9.80E-14	4.20E-15	-8.52	23.4079728	-3.00E-02	134373925	134374048	NC_000006.11
cg23527468	9.81E-14	4.21E-15	-8.52	23.4069529	-1.84E-01	133418844	133418967	NC_000003.11
ch.1.38337696R	9.86E-14	4.23E-15	-8.52	23.4014492	-9.29E-02	38565109	38565232	NC_000001.10
cg12907876	9.87E-14	4.24E-15	-8.52	23.4002087	-1.49E-01	160050877	160051000	NC_000001.10
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cg16185457	9.89E-14	4.25E-15	-8.52	23.3980255	-2.09E-01	28200724	28200847	NC_000002.11
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cg03761477	9.91E-14	4.26E-15	-8.52	23.395945	-1.53E-01	41472416	41472539	NC_000006.11
cg16822095	9.91E-14	4.26E-15	-8.52	23.395846	-1.76E-01	38074753	38074876	NC_000017.10

cg25447873	9.92E-14	4.26E-15	-8.52	23.3951228	-1.95E-01	63548963	63549086	NC_000015.9
cg07042104	9.92E-14	4.26E-15	-8.52	23.3950391	-1.12E-01	34206951	34207074	NC_000020.10
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cg09141303	9.95E-14	4.27E-15	-8.52	23.3914631	-1.95E-01	103998291	103998414	NC_000004.11
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cg02464555	9.97E-14	4.29E-15	-8.52	23.3889189	-9.85E-02	101922985	101923108	NC_000007.13
cg00797651	9.98E-14	4.29E-15	-8.52	23.3879716	-1.97E-01	207494336	207494459	NC_000001.10
cg02089348	1.00E-13	4.30E-15	-8.52	23.3847258	-1.10E-01	1724449	1724572	NC_000004.11
cg15918766	1.00E-13	4.31E-15	-8.52	23.3844115	-4.09E-02	53662405	53662528	NC_000012.11
cg27527593	1.00E-13	4.31E-15	-8.52	23.3842285	-3.58E-02	8818326	8818449	NC_000002.11
cg08507178	1.00E-13	4.31E-15	-8.52	23.3831874	-9.26E-02	50357265	50357388	NC_000022.10
cg15474859	1.00E-13	4.32E-15	-8.52	23.3820558	-7.62E-02	208030304	208030427	NC_000002.11
cg00093433	1.00E-13	4.32E-15	-8.52	23.3806512	-1.58E-01	85981310	85981433	NC_000016.9
cg08905114	1.01E-13	4.33E-15	-8.52	23.3781057	-5.21E-02	95897015	95897138	NC_000009.11
cg03326606	1.01E-13	4.34E-15	-8.52	23.3773087	-2.13E-01	49345567	49345690	NC_000020.10
cg14191279	1.01E-13	4.34E-15	-8.52	23.3772829	-1.34E-01	8567538	8567661	NC_000019.9
cg17980508	1.01E-13	4.34E-15	-8.52	23.3768168	-1.67E-01	79085713	79085836	NC_000001.10
cg23581088	1.01E-13	4.34E-15	-8.52	23.3764754	-1.87E-01	3912160	3912283	NC_000006.11
cg03004198	1.01E-13	4.34E-15	-8.52	23.3763647	-5.25E-02	105293578	105293701	NC_000014.8
cg01860897	1.01E-13	4.35E-15	-8.52	23.374863	-1.39E-01	90309605	90309728	NC_000001.10
cg10869531	1.01E-13	4.36E-15	-8.52	23.3726178	-1.73E-01	2808489	2808612	NC_000004.11
cg05514909	1.02E-13	4.37E-15	-8.52	23.3691425	-1.56E-01	133022853	133022976	NC_000012.11
cg21467935	1.02E-13	4.38E-15	-8.52	23.3676847	-1.85E-01	31781906	31782029	NC_000006.11

cg23730696	1.02E-13	4.39E-15	-8.52	23.3649001	-1.61E-01	124622444	124622567	NC_000011.9
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cg17628894	1.02E-13	4.40E-15	-8.52	23.36321	-1.37E-01	804452	804575	NC_000011.9
cg10041416	1.03E-13	4.45E-15	-8.51	23.3511938	-5.03E-02	1215871	1215994	NC_000007.13
cg02696798	1.04E-13	4.47E-15	-8.51	23.3480214	-1.74E-01	107301935	107302058	NC_000010.10
cg02416424	1.04E-13	4.48E-15	-8.51	23.3446688	-1.10E-01	39684825	39684948	NC_000017.10
cg02806739	1.04E-13	4.49E-15	-8.51	23.3429887	-1.06E-01	80273242	80273365	NC_000017.10
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cg19445335	1.05E-13	4.51E-15	-8.51	23.3385969	-2.07E-01	960350	960473	NC_000007.13
cg17197774	1.05E-13	4.51E-15	-8.51	23.33774	-2.11E-01	59467209	59467332	NC_000008.10
cg04289385	1.05E-13	4.53E-15	-8.51	23.3334077	-1.29E-01	36355825	36355948	NC_000006.11
cg19600528	1.05E-13	4.54E-15	-8.51	23.3329325	-1.63E-01	95074231	95074354	NC_000001.10
cg22452122	1.05E-13	4.54E-15	-8.51	23.3321359	-1.04E-01	4531790	4531913	NC_000019.9
cg12096762	1.05E-13	4.55E-15	-8.51	23.3304044	-1.18E-01	88296044	88296167	NC_000015.9
cg26714425	1.05E-13	4.55E-15	-8.51	23.3296997	-1.45E-01	10330845	10330968	NC_000005.9
cg08062049	1.06E-13	4.55E-15	-8.51	23.3293075	-9.34E-02	121427380	121427503	NC_000002.11
cg20850602	1.06E-13	4.57E-15	-8.51	23.3262187	-1.26E-01	17379752	17379875	NC_000017.10
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cg21785536	1.06E-13	4.59E-15	-8.51	23.3215853	-6.01E-02	69063328	69063451	NC_000003.11
cg18426142	1.06E-13	4.60E-15	-8.51	23.3199647	-1.40E-01	51984246	51984369	NC_000012.11
cg13541456	1.07E-13	4.60E-15	-8.51	23.3191795	-1.51E-01	136603618	136603741	NC_000009.11
cg14761454	1.07E-13	4.61E-15	-8.51	23.3173028	-1.63E-01	108092087	108092210	NC_000011.9
cg18010131	1.07E-13	4.64E-15	-8.51	23.311227	-2.03E-01	10476620	10476743	NC_000011.9
cg27382058	1.07E-13	4.64E-15	-8.51	23.3107206	-5.72E-02	43506933	43507056	NC_000022.10
cg16016465	1.08E-13	4.65E-15	-8.51	23.3090908	-1.60E-01	9048528	9048651	NC_000008.10

cg14017402	1.08E-13	4.65E-15	-8.51	23.3090088	-1.86E-01	86225602	86225725	NC_000002.11
cg22055891	1.08E-13	4.65E-15	-8.51	23.3080347	-2.17E-01	138829973	138830096	NC_000002.11
cg13227551	1.08E-13	4.66E-15	-8.51	23.3063214	-1.60E-01	144011222	144011345	NC_000006.11
cg08423857	1.08E-13	4.67E-15	-8.51	23.3047292	-2.28E-01	84840454	84840577	NC_000016.9
cg11469587	1.08E-13	4.67E-15	-8.51	23.3037021	-1.53E-01	74639849	74639972	NC_000017.10
cg10083464	1.08E-13	4.68E-15	-8.51	23.3028763	-1.39E-01	1230997	1231120	NC_000016.9
cg16594913	1.08E-13	4.68E-15	-8.51	23.3017595	-1.95E-01	5607455	5607578	NC_000012.11
cg26130864	1.08E-13	4.69E-15	-8.51	23.3006674	-1.75E-01	3208100	3208223	NC_000020.10
cg07065217	1.09E-13	4.69E-15	-8.51	23.2991087	-9.52E-02	105953092	105953215	NC_000014.8
cg27418164	1.09E-13	4.72E-15	-8.5	23.2940051	-7.49E-02	47614620	47614743	NC_000019.9
ch.12.4168779F	1.09E-13	4.73E-15	-8.5	23.2921538	-7.07E-02	4298518	4298641	NC_000012.11
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cg11249486	1.10E-13	4.76E-15	-8.5	23.2846879	-1.54E-01	322659	322782	NC_000012.11
cg27183737	1.10E-13	4.77E-15	-8.5	23.2833661	-7.13E-02	135207468	135207591	NC_000010.10
cg10211062	1.10E-13	4.77E-15	-8.5	23.2827552	-1.78E-01	47915862	47915985	NC_000002.11
cg18763536	1.11E-13	4.79E-15	-8.5	23.2786376	-1.86E-01	11812062	11812185	NC_000012.11
cg09631475	1.11E-13	4.79E-15	-8.5	23.2781578	-3.90E-02	55033192	55033315	NC_000014.8
cg08944318	1.11E-13	4.80E-15	-8.5	23.2766778	-6.28E-02	15139147	15139270	NC_000010.10
cg01524174	1.11E-13	4.82E-15	-8.5	23.2730133	-9.68E-02	70119015	70119138	NC_000017.10
cg10182421	1.11E-13	4.82E-15	-8.5	23.272702	-1.82E-01	49651102	49651225	NC_000008.10
cg21456083	1.11E-13	4.82E-15	-8.5	23.2722111	-1.09E-01	49524256	49524379	NC_000019.9
cg12505390	1.12E-13	4.83E-15	-8.5	23.2700101	-9.54E-02	4848355	4848478	NC_000017.10
cg01135464	1.12E-13	4.84E-15	-8.5	23.2681256	-2.00E-01	48971001	48971124	NC_000017.10
cg14069088	1.12E-13	4.85E-15	-8.5	23.2670467	-2.04E-01	21996207	21996330	NC_000009.11
cg01315323	1.12E-13	4.85E-15	-8.5	23.2665616	-5.23E-02	26569874	26569997	NC_000002.11

ch.14.1182433R	1.12E-13	4.85E-15	-8.5	23.2664498	-7.30E-02	78024853	78024976	NC_000014.8
cg03142741	1.12E-13	4.86E-15	-8.5	23.2648982	-1.81E-01	227947250	227947373	NC_000001.10
cg14993491	1.13E-13	4.87E-15	-8.5	23.2619043	-1.57E-01	55504971	55505094	NC_000001.10
cg19145218	1.13E-13	4.91E-15	-8.5	23.2553454	-1.29E-01	749336	749459	NC_000020.10
cg26311208	1.13E-13	4.91E-15	-8.5	23.2549941	-6.40E-02	59012484	59012607	NC_000001.10
cg05265484	1.14E-13	4.92E-15	-8.5	23.2517108	-1.25E-01	52977445	52977568	NC_000017.10
cg11802027	1.14E-13	4.93E-15	-8.5	23.2503708	-1.74E-01	14049442	14049565	NC_000019.9
cg26765385	1.14E-13	4.93E-15	-8.5	23.2497988	-1.75E-01	2611244	2611367	NC_000007.13
cg23035449	1.14E-13	4.94E-15	-8.5	23.2494754	-1.81E-01	90578555	90578678	NC_000015.9
cg00009196	1.14E-13	4.94E-15	-8.5	23.2486921	-1.73E-01	19954588	19954711	NC_000020.10
cg22442617	1.14E-13	4.94E-15	-8.5	23.248528	-1.70E-01	37958953	37959076	NC_000006.11
cg06856840	1.15E-13	4.97E-15	-8.5	23.2428722	-1.71E-01	80446451	80446574	NC_000015.9
cg24580071	1.15E-13	4.97E-15	-8.5	23.2420599	-1.10E-01	76620271	76620394	NC_000001.10
cg26874367	1.15E-13	4.98E-15	-8.5	23.2409936	-2.41E-01	129381792	129381915	NC_000002.11
cg16523850	1.15E-13	4.98E-15	-8.5	23.240912	-1.86E-01	54156824	54156947	NC_000006.11
cg21210090	1.15E-13	4.98E-15	-8.5	23.2399542	-1.07E-01	15704429	15704552	NC_000004.11
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cg27150417	1.15E-13	5.00E-15	-8.49	23.2367255	-1.84E-01	44462035	44462158	NC_000020.10
cg03701575	1.15E-13	5.00E-15	-8.49	23.2363879	-1.12E-01	83960119	83960242	NC_000016.9
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cg06664254	1.16E-13	5.02E-15	-8.49	23.2320437	-1.75E-01	75628226	75628349	NC_000016.9
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cg17744295	1.16E-13	5.05E-15	-8.49	23.2275798	-1.40E-01	16178097	16178220	NC_000019.9
ch.8.1077192R	1.17E-13	5.07E-15	-8.49	23.2227018	-5.02E-02	48728513	48728636	NC_000008.10
cg05924583	1.18E-13	5.10E-15	-8.49	23.2167394	-1.29E-01	3569624	3569747	NC_000001.10



cg17085710	1.18E-13	5.11E-15	-8.49	23.2152733	-1.74E-01	98842834	98842957	NC_000007.13
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cg05134325	1.18E-13	5.12E-15	-8.49	23.2129126	-1.66E-01	52423122	52423245	NC_000013.10
cg11245806	1.18E-13	5.14E-15	-8.49	23.2086335	-1.18E-01	20252225	20252348	NC_000002.11
cg21690450	1.18E-13	5.14E-15	-8.49	23.2084452	-2.17E-01	102276634	102276757	NC_000013.10
cg02325250	1.19E-13	5.15E-15	-8.49	23.2070101	-1.39E-01	131409289	131409412	NC_000005.9
cg25104124	1.19E-13	5.15E-15	-8.49	23.20688	-1.64E-01	74021022	74021145	NC_000010.10
cg20641675	1.19E-13	5.15E-15	-8.49	23.2068426	-1.77E-01	48124396	48124519	NC_000007.13
cg19654743	1.19E-13	5.16E-15	-8.49	23.2062486	-1.78E-01	75446592	75446715	NC_000017.10
cg10440877	1.19E-13	5.16E-15	-8.49	23.2059877	-2.22E-01	208378475	208378598	NC_000002.11
cg14241894	1.20E-13	5.20E-15	-8.49	23.1971385	-2.27E-01	235879289	235879412	NC_000002.11
cg10909080	1.20E-13	5.21E-15	-8.49	23.1963374	-1.35E-01	79881468	79881591	NC_000017.10
cg22037648	1.20E-13	5.22E-15	-8.49	23.1950567	-1.13E-01	50311009	50311132	NC_000003.11
cg03517776	1.20E-13	5.24E-15	-8.49	23.191178	-2.86E-01	64834430	64834553	NC_000002.11
cg09298818	1.21E-13	5.24E-15	-8.49	23.1902916	-8.74E-02	111181546	111181669	NC_000012.11
cg14608199	1.21E-13	5.25E-15	-8.49	23.1889052	-3.95E-02	2949963	2950086	NC_000011.9
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cg09864345	1.22E-13	5.30E-15	-8.49	23.1800042	-1.84E-01	6531813	6531936	NC_000001.10
cg00290974	1.22E-13	5.31E-15	-8.49	23.1765308	-1.68E-01	10316461	10316584	NC_000011.9
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cg10055235	1.22E-13	5.33E-15	-8.48	23.1740826	-1.19E-01	7257885	7258008	NC_000017.10
cg14776168	1.23E-13	5.35E-15	-8.48	23.1703248	-1.38E-01	61152209	61152332	NC_000015.9

cg09941208	1.23E-13	5.35E-15	-8.48	23.170324	-1.77E-01	45308248	45308371	NC_000001.10
cg17910564	1.23E-13	5.36E-15	-8.48	23.1674755	-1.90E-01	42248702	42248825	NC_000008.10
cg26118131	1.24E-13	5.39E-15	-8.48	23.1630467	-1.74E-01	117947214	117947337	NC_000011.9
cg13213755	1.24E-13	5.40E-15	-8.48	23.1613091	-2.43E-01	73926454	73926577	NC_000015.9
cg05488523	1.24E-13	5.41E-15	-8.48	23.1594222	-6.40E-02	79481108	79481231	NC_000017.10
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cg08119325	1.25E-13	5.44E-15	-8.48	23.1540838	-1.40E-01	195613212	195613335	NC_000003.11
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cg12865939	1.26E-13	5.47E-15	-8.48	23.1473558	-1.49E-01	8832938	8833061	NC_000011.9
cg07177115	1.26E-13	5.48E-15	-8.48	23.1455045	-1.28E-01	113762795	113762918	NC_000002.11
cg04332442	1.26E-13	5.49E-15	-8.48	23.1446937	-2.03E-01	46770063	46770186	NC_000022.10
ch.6.2124703F	1.26E-13	5.49E-15	-8.48	23.1437281	-6.48E-02	108782937	108783060	NC_000006.11
cg17834289	1.26E-13	5.50E-15	-8.48	23.1421424	-1.06E-01	41878006	41878129	NC_000015.9
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cg06342072	1.27E-13	5.53E-15	-8.48	23.137211	-1.92E-01	50985639	50985762	NC_000013.10
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cg07949217	1.27E-13	5.56E-15	-8.48	23.131923	-1.28E-01	124497981	124498104	NC_000009.11
cg09325164	1.28E-13	5.56E-15	-8.48	23.1310553	-1.29E-01	32537942	32538065	NC_000001.10
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cg07012178	1.28E-13	5.58E-15	-8.48	23.1283871	-1.70E-01	151304708	151304831	NC_000007.13
cg03984009	1.29E-13	5.61E-15	-8.48	23.1222222	-1.79E-01	136172553	136172676	NC_000006.11
ch.19.777701F	1.29E-13	5.62E-15	-8.48	23.1207451	-6.44E-02	18464295	18464418	NC_000019.9
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cg00743081	1.29E-13	5.64E-15	-8.48	23.1183641	-1.70E-01	61724970	61725093	NC_000017.10
cg00615145	1.29E-13	5.65E-15	-8.48	23.1159565	-4.81E-02	157016135	157016258	NC_000001.10
cg27130630	1.29E-13	5.65E-15	-8.48	23.1156838	-8.52E-02	7260666	7260789	NC_000012.11
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cg23667551	1.30E-13	5.69E-15	-8.47	23.1084472	-6.59E-02	3528449	3528572	NC_000001.10
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cg20820107	1.31E-13	5.71E-15	-8.47	23.1052788	-1.65E-01	12193099	12193222	NC_000001.10
cg01174240	1.31E-13	5.71E-15	-8.47	23.1050203	-1.20E-01	24785310	24785433	NC_000014.8
cg16004427	1.31E-13	5.72E-15	-8.47	23.1037808	-1.18E-01	16083101	16083224	NC_000001.10
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cg16018921	1.31E-13	5.75E-15	-8.47	23.0990798	-2.08E-01	169616009	169616132	NC_000004.11
cg06691616	1.31E-13	5.75E-15	-8.47	23.0988707	-1.89E-01	139531098	139531221	NC_000004.11
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cg06692120	1.31E-13	5.75E-15	-8.47	23.0987236	-8.84E-02	26646884	26647007	NC_000017.10
cg08390021	1.31E-13	5.75E-15	-8.47	23.0987041	-2.87E-02	51884793	51884916	NC_000018.9
cg05627138	1.32E-13	5.75E-15	-8.47	23.0986318	-1.95E-01	548499	548622	NC_000005.9
cg19145320	1.32E-13	5.76E-15	-8.47	23.0976797	-1.82E-01	75130069	75130192	NC_000011.9
cg20898829	1.32E-13	5.76E-15	-8.47	23.0976702	-1.35E-01	3229660	3229783	NC_000020.10

cg06850996	1.32E-13	5.77E-15	-8.47	23.0953573	-1.27E-01	48152355	48152478	NC_000012.11
cg00264419	1.32E-13	5.77E-15	-8.47	23.0952996	-1.63E-01	22922124	22922247	NC_000008.10
cg04746851	1.32E-13	5.77E-15	-8.47	23.0946784	-7.70E-02	66496148	66496271	NC_000011.9
cg01697487	1.32E-13	5.78E-15	-8.47	23.094038	-1.46E-01	48588559	48588682	NC_000017.10
cg26907082	1.32E-13	5.78E-15	-8.47	23.0928011	-7.12E-02	18971840	18971963	NC_000001.10
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cg19596227	1.33E-13	5.80E-15	-8.47	23.0893195	-8.19E-02	53191480	53191603	NC_000003.11
cg17745097	1.33E-13	5.81E-15	-8.47	23.088152	-2.06E-01	11863365	11863488	NC_000001.10
cg10037913	1.33E-13	5.82E-15	-8.47	23.0870552	-1.75E-01	27246970	27247093	NC_000016.9
cg09416188	1.33E-13	5.82E-15	-8.47	23.0860245	-1.88E-01	49538552	49538675	NC_000003.11
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cg23101776	1.33E-13	5.83E-15	-8.47	23.0853517	-1.04E-01	219866072	219866195	NC_000002.11
cg09432234	1.33E-13	5.83E-15	-8.47	23.0843383	-5.80E-02	49211807	49211930	NC_000012.11
cg07288476	1.34E-13	5.86E-15	-8.47	23.0805761	-1.23E-01	32180486	32180609	NC_000001.10
cg14036402	1.34E-13	5.86E-15	-8.47	23.0797501	-1.56E-01	15743671	15743794	NC_000001.10
cg19553402	1.34E-13	5.86E-15	-8.47	23.0791087	-1.51E-01	50747014	50747137	NC_000022.10
cg21324402	1.34E-13	5.88E-15	-8.47	23.0766252	-1.73E-01	31786808	31786931	NC_000006.11
cg18644653	1.35E-13	5.90E-15	-8.47	23.0727348	-1.08E-01	49696053	49696176	NC_000003.11
cg20840426	1.35E-13	5.90E-15	-8.47	23.0723842	-1.77E-01	117800609	117800732	NC_000012.11
cg16762308	1.35E-13	5.91E-15	-8.47	23.0716442	-1.37E-01	31870888	31871011	NC_000020.10
cg22450974	1.35E-13	5.91E-15	-8.47	23.0715594	-1.66E-01	181283348	181283471	NC_000001.10
cg03710889	1.35E-13	5.91E-15	-8.47	23.0708841	-1.72E-01	219252818	219252941	NC_000002.11
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cg08155908	1.36E-13	5.95E-15	-8.47	23.065359	-1.40E-01	50717778	50717901	NC_000019.9

cg25676471	1.36E-13	5.95E-15	-8.47	23.0643431	-1.88E-01	39633497	39633620	NC_000022.10
cg25529535	1.36E-13	5.97E-15	-8.47	23.0622068	-1.22E-01	6125715	6125838	NC_000010.10
cg17865265	1.36E-13	5.98E-15	-8.47	23.0598102	-1.73E-01	56236845	56236968	NC_000012.11
cg27187375	1.37E-13	5.99E-15	-8.47	23.0579657	-1.82E-01	155912569	155912692	NC_000001.10
cg17804071	1.37E-13	5.99E-15	-8.47	23.0575059	-2.22E-01	73596205	73596328	NC_000003.11
cg09209510	1.37E-13	6.00E-15	-8.47	23.0566927	-1.61E-01	100288389	100288512	NC_000014.8
cg14488592	1.37E-13	6.01E-15	-8.47	23.0544847	-9.99E-02	139125903	139126026	NC_000005.9
cg09747827	1.37E-13	6.02E-15	-8.47	23.053237	-6.07E-02	128181313	128181436	NC_000002.11
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cg09529655	1.37E-13	6.03E-15	-8.47	23.0514015	-3.76E-02	10052896	10053019	NC_000003.11
cg03687765	1.37E-13	6.03E-15	-8.47	23.0512403	-1.13E-01	43867041	43867164	NC_000010.10
cg07843576	1.38E-13	6.04E-15	-8.46	23.0500603	-1.58E-01	85881375	85881498	NC_000016.9
cg19687075	1.38E-13	6.06E-15	-8.46	23.0472208	-1.75E-01	139428384	139428507	NC_000009.11
cg15519786	1.38E-13	6.06E-15	-8.46	23.046112	-1.61E-01	3266440	3266563	NC_000001.10
cg21922731	1.39E-13	6.09E-15	-8.46	23.0425993	-1.09E-01	57157130	57157253	NC_000012.11
cg12691620	1.39E-13	6.09E-15	-8.46	23.041629	-1.19E-01	53152081	53152204	NC_000001.10
cg02284982	1.39E-13	6.10E-15	-8.46	23.0404874	-4.89E-02	128145269	128145392	NC_000002.11
cg27195421	1.39E-13	6.10E-15	-8.46	23.0399163	-1.59E-01	62685785	62685908	NC_000012.11
cg18973863	1.39E-13	6.11E-15	-8.46	23.0386204	-1.21E-01	97794113	97794236	NC_000013.10
cg25683744	1.39E-13	6.12E-15	-8.46	23.0361988	-1.66E-01	681324	681447	NC_000012.11
cg02675173	1.39E-13	6.13E-15	-8.46	23.0359629	-1.95E-01	99738789	99738912	NC_000008.10
cg14043316	1.40E-13	6.16E-15	-8.46	23.0301146	-1.36E-01	50743420	50743543	NC_000022.10
cg03940776	1.40E-13	6.16E-15	-8.46	23.0300303	-1.03E-01	158490013	158490136	NC_000006.11
cg10376286	1.40E-13	6.17E-15	-8.46	23.029064	-1.50E-01	116710606	116710729	NC_000001.10
cg12486493	1.41E-13	6.17E-15	-8.46	23.0282821	-2.12E-01	99417267	99417390	NC_000015.9

cg06069616	1.42E-13	6.23E-15	-8.46	23.0194572	-1.04E-01	33783773	33783896	NC_000021.8
cg27601906	1.42E-13	6.24E-15	-8.46	23.0172716	-1.89E-01	95271635	95271758	NC_000008.10
cg23440331	1.42E-13	6.26E-15	-8.46	23.0153025	-8.50E-02	101917981	101918104	NC_000011.9
cg07016556	1.42E-13	6.26E-15	-8.46	23.0152014	-1.50E-01	79393532	79393655	NC_000017.10
cg09138430	1.42E-13	6.26E-15	-8.46	23.0151218	-6.84E-02	44084267	44084390	NC_000007.13
cg19414708	1.43E-13	6.27E-15	-8.46	23.0125689	-7.84E-02	58163924	58164047	NC_000003.11
ch.9.1241711R	1.43E-13	6.28E-15	-8.46	23.0118809	-3.72E-02	91968142	91968265	NC_000009.11
cg19187564	1.43E-13	6.28E-15	-8.46	23.0114055	-8.47E-02	42133492	42133615	NC_000019.9
cg03292149	1.43E-13	6.30E-15	-8.46	23.0082825	-2.07E-01	45279765	45279888	NC_000019.9
cg14195059	1.43E-13	6.31E-15	-8.46	23.0068269	-1.20E-01	43594617	43594740	NC_000015.9
ch.6.614588F	1.44E-13	6.32E-15	-8.46	23.0048441	-6.42E-02	24874614	24874737	NC_000006.11
cg22700854	1.45E-13	6.36E-15	-8.46	22.9983421	-8.20E-02	79859932	79860055	NC_000017.10
cg11536940	1.45E-13	6.37E-15	-8.46	22.9974325	-1.01E-01	97658076	97658199	NC_000008.10
cg19008371	1.45E-13	6.38E-15	-8.46	22.996104	-1.83E-01	126226766	126226889	NC_000011.9
cg23431175	1.45E-13	6.39E-15	-8.46	22.9947234	-8.22E-02	31846813	31846936	NC_000006.11
cg11192808	1.45E-13	6.40E-15	-8.46	22.9933002	-5.78E-02	101170185	101170308	NC_000008.10
cg22749173	1.45E-13	6.40E-15	-8.46	22.9926342	-1.11E-01	2614039	2614162	NC_000019.9
cg05238069	1.45E-13	6.41E-15	-8.46	22.991933	-9.45E-02	16257135	16257258	NC_000017.10
cg02687883	1.46E-13	6.41E-15	-8.46	22.9911821	-1.44E-01	2266431	2266554	NC_000001.10
ch.11.1435292F	1.46E-13	6.41E-15	-8.46	22.990558	-4.72E-02	68685684	68685807	NC_000011.9
cg09444426	1.46E-13	6.45E-15	-8.45	22.9855478	-1.49E-01	160518	160641	NC_000005.9
cg08767936	1.47E-13	6.46E-15	-8.45	22.9840138	-1.85E-01	195600608	195600731	NC_000003.11
cg16583315	1.47E-13	6.46E-15	-8.45	22.9831457	-1.26E-01	65563665	65563788	NC_000014.8
cg14616574	1.47E-13	6.47E-15	-8.45	22.9824078	-1.28E-01	127175638	127175761	NC_000003.11
cg18563987	1.47E-13	6.47E-15	-8.45	22.9822675	-1.91E-01	73696509	73696632	NC_000017.10

cg05206840	1.47E-13	6.47E-15	-8.45	22.9819671	-1.09E-01	38695848	38695971	NC_000005.9
ch.19.21460585R	1.47E-13	6.48E-15	-8.45	22.9803433	-1.41E-01	21668745	21668868	NC_000019.9
cg26248460	1.48E-13	6.50E-15	-8.45	22.977129	-1.35E-01	229757677	229757800	NC_000001.10
cg13061767	1.48E-13	6.50E-15	-8.45	22.9767996	-1.93E-01	205418410	205418533	NC_000001.10
cg27391403	1.48E-13	6.50E-15	-8.45	22.9767479	-1.14E-01	113416621	113416744	NC_000013.10
cg13898106	1.48E-13	6.51E-15	-8.45	22.9756396	-8.47E-02	117665142	117665265	NC_000001.10
cg24553862	1.48E-13	6.52E-15	-8.45	22.9750942	-2.07E-01	176238150	176238273	NC_000002.11
cg11515215	1.48E-13	6.52E-15	-8.45	22.9743945	-1.14E-01	29698152	29698275	NC_000010.10
cg07564690	1.48E-13	6.52E-15	-8.45	22.974242	-2.22E-01	32597733	32597856	NC_000014.8
cg00325491	1.48E-13	6.55E-15	-8.45	22.9705472	-1.81E-01	93286170	93286293	NC_000011.9
cg10735319	1.49E-13	6.55E-15	-8.45	22.9696756	-6.20E-02	65121324	65121447	NC_000014.8
cg22758846	1.49E-13	6.57E-15	-8.45	22.9671501	-1.73E-01	30869112	30869235	NC_000022.10
cg07613278	1.49E-13	6.57E-15	-8.45	22.967047	-6.73E-02	43333327	43333450	NC_000011.9
cg13931250	1.49E-13	6.57E-15	-8.45	22.966514	-2.05E-01	179777372	179777495	NC_000001.10
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cg14290210	1.49E-13	6.58E-15	-8.45	22.9659011	-1.89E-01	41162942	41163065	NC_000004.11
ch.7.2968824F	1.49E-13	6.59E-15	-8.45	22.9636826	-9.01E-02	141329506	141329629	NC_000007.13
cg11815984	1.50E-13	6.61E-15	-8.45	22.9604292	-1.65E-01	158921186	158921309	NC_000006.11
cg04064998	1.50E-13	6.61E-15	-8.45	22.960277	-1.68E-01	109786133	109786256	NC_000011.9
cg19741077	1.50E-13	6.63E-15	-8.45	22.9586302	-5.96E-02	74306995	74307118	NC_000007.13
ch.13.1149345F	1.50E-13	6.63E-15	-8.45	22.9574995	-5.46E-02	78085182	78085305	NC_000013.10
cg00284420	1.51E-13	6.65E-15	-8.45	22.9546651	-2.49E-01	87311948	87312071	NC_000016.9
cg20794273	1.51E-13	6.65E-15	-8.45	22.954444	-7.24E-02	21059215	21059338	NC_000001.10
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cg01430385	1.51E-13	6.68E-15	-8.45	22.9511418	-1.63E-01	1033349	1033472	NC_000010.10

cg10864680	1.51E-13	6.69E-15	-8.45	22.9486328	-1.22E-01	108922274	108922397	NC_000013.10
cg15497006	1.51E-13	6.69E-15	-8.45	22.9485053	-1.85E-01	27147585	27147708	NC_000001.10
cg06324094	1.51E-13	6.69E-15	-8.45	22.9484039	-6.36E-02	153950482	153950605	NC_000001.10
cg15668538	1.52E-13	6.70E-15	-8.45	22.9474521	-1.63E-01	15931082	15931205	NC_000017.10
cg00887848	1.52E-13	6.74E-15	-8.45	22.9419666	-1.47E-01	3482507	3482630	NC_000004.11
cg07477282	1.52E-13	6.74E-15	-8.45	22.941737	-1.04E-01	44956107	44956230	NC_000015.9
ch.8.314562F	1.52E-13	6.74E-15	-8.45	22.9415212	-2.24E-02	11693785	11693908	NC_000008.10
cg19407392	1.53E-13	6.77E-15	-8.45	22.9378335	-1.52E-01	4665569	4665692	NC_000020.10
cg09668344	1.53E-13	6.77E-15	-8.45	22.9370174	-1.82E-01	77122506	77122629	NC_000011.9
cg04169483	1.53E-13	6.77E-15	-8.45	22.9367106	-1.53E-01	144965509	144965632	NC_000008.10
cg23003085	1.53E-13	6.78E-15	-8.45	22.9353367	-9.97E-02	64084321	64084444	NC_000011.9
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cg13686799	1.54E-13	6.81E-15	-8.45	22.9315784	-6.18E-02	60524194	60524317	NC_000011.9
cg25450266	1.54E-13	6.81E-15	-8.45	22.9309217	-2.45E-01	35494294	35494417	NC_000019.9
cg26734620	1.54E-13	6.82E-15	-8.45	22.9305104	-7.27E-02	56694298	56694421	NC_000012.11
cg26493306	1.54E-13	6.83E-15	-8.45	22.9284088	-1.64E-01	134463458	134463581	NC_000005.9
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cg17081063	1.54E-13	6.84E-15	-8.45	22.927752	-1.77E-02	113161994	113162117	NC_000001.10
ch.10.2563868F	1.55E-13	6.84E-15	-8.45	22.9272768	-1.08E-01	121344024	121344147	NC_000010.10
cg06968912	1.55E-13	6.84E-15	-8.45	22.9269032	-2.15E-01	40573643	40573766	NC_000017.10
cg00483217	1.55E-13	6.85E-15	-8.44	22.926235	-1.66E-01	25321917	25322040	NC_000002.11
cg17934470	1.55E-13	6.86E-15	-8.44	22.9243796	-1.99E-01	49959703	49959826	NC_000005.9
cg24437104	1.55E-13	6.87E-15	-8.44	22.9223713	-1.23E-01	227951794	227951917	NC_000001.10
cg09272225	1.56E-13	6.89E-15	-8.44	22.9192841	-1.98E-01	101519794	101519917	NC_000002.11



cg01032675	1.56E-13	6.92E-15	-8.44	22.9160752	-1.23E-01	3136430	3136553	NC_000019.9
cg02819734	1.57E-13	6.94E-15	-8.44	22.9121719	-1.67E-01	3610582	3610705	NC_000016.9
cg00425213	1.57E-13	6.96E-15	-8.44	22.9103257	-1.63E-01	6446095	6446218	NC_000001.10
cg05091736	1.57E-13	6.97E-15	-8.44	22.9082765	-1.65E-01	14942129	14942252	NC_000017.10
cg00013804	1.58E-13	7.00E-15	-8.44	22.904696	-1.45E-01	9358577	9358700	NC_000002.11
cg00206063	1.58E-13	7.00E-15	-8.44	22.9044844	-1.97E-01	3805252	3805375	NC_000010.10
cg18560776	1.58E-13	7.02E-15	-8.44	22.9011976	-6.11E-02	18884508	18884631	NC_000001.10
cg04275806	1.60E-13	7.09E-15	-8.44	22.8910304	-1.32E-01	46999248	46999371	NC_000001.10
cg03248158	1.60E-13	7.10E-15	-8.44	22.8899963	-1.11E-01	122632918	122633041	NC_000004.11
cg14663914	1.61E-13	7.14E-15	-8.44	22.8845762	-1.06E-01	827739	827862	NC_000019.9
cg07637365	1.61E-13	7.14E-15	-8.44	22.8844152	-3.03E-02	160568836	160568959	NC_000002.11
cg04874562	1.61E-13	7.15E-15	-8.44	22.8839585	-1.42E-01	5462540	5462663	NC_000011.9
cg24696728	1.61E-13	7.15E-15	-8.44	22.8830195	-1.39E-01	1052717	1052840	NC_000004.11
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cg09305680	1.61E-13	7.16E-15	-8.44	22.8821222	-1.43E-01	117778069	117778192	NC_000008.10
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cg13155421	1.62E-13	7.19E-15	-8.44	22.8777696	-1.86E-01	105717036	105717159	NC_000003.11
cg13323097	1.62E-13	7.20E-15	-8.44	22.8770909	-6.37E-02	205649211	205649334	NC_000001.10
cg00287773	1.62E-13	7.21E-15	-8.44	22.8757426	-1.81E-01	139594619	139594742	NC_000005.9
cg04346283	1.62E-13	7.21E-15	-8.44	22.8749021	-1.64E-01	82459454	82459577	NC_000006.11
cg19759788	1.63E-13	7.24E-15	-8.44	22.8708512	-1.31E-01	16084493	16084616	NC_000001.10
cg09294739	1.64E-13	7.26E-15	-8.44	22.8678824	-1.77E-01	55218782	55218905	NC_000016.9
cg08233218	1.64E-13	7.30E-15	-8.43	22.8634554	-1.21E-01	19823125	19823248	NC_000001.10

cg26688257	1.64E-13	7.30E-15	-8.43	22.8628559	-5.08E-02	17763961	17764084	NC_000001.10
cg26472938	1.64E-13	7.30E-15	-8.43	22.8624249	-1.69E-01	238394205	238394328	NC_000002.11
cg14450231	1.64E-13	7.30E-15	-8.43	22.86228	-5.33E-02	172199425	172199548	NC_000005.9
cg01117627	1.64E-13	7.31E-15	-8.43	22.8620597	-5.46E-02	100150713	100150836	NC_000014.8
cg22727641	1.64E-13	7.31E-15	-8.43	22.8618059	-8.92E-02	101157742	101157865	NC_000008.10
cg26469387	1.65E-13	7.32E-15	-8.43	22.8599648	-2.16E-01	31846670	31846793	NC_000015.9
cg25974476	1.65E-13	7.33E-15	-8.43	22.8584122	-6.47E-02	65447451	65447574	NC_000007.13
cg07744502	1.65E-13	7.35E-15	-8.43	22.8559936	-1.22E-01	93271083	93271206	NC_000011.9
cg11447551	1.66E-13	7.36E-15	-8.43	22.8549144	-1.35E-01	232552014	232552137	NC_000002.11
cg11532182	1.66E-13	7.37E-15	-8.43	22.8536803	-1.05E-01	834669	834792	NC_000007.13
cg00751072	1.66E-13	7.37E-15	-8.43	22.8532467	-9.53E-02	18529121	18529244	NC_000019.9
cg08479629	1.66E-13	7.38E-15	-8.43	22.8520645	-1.48E-01	19387323	19387446	NC_000002.11
cg16928487	1.66E-13	7.39E-15	-8.43	22.8513729	-1.58E-01	17741425	17741548	NC_000017.10
cg15914463	1.67E-13	7.41E-15	-8.43	22.8486374	-4.07E-02	62860103	62860226	NC_000003.11
cg09981432	1.67E-13	7.41E-15	-8.43	22.8482661	-1.82E-01	118614378	118614501	NC_000002.11
cg13535903	1.67E-13	7.41E-15	-8.43	22.8482426	-1.50E-01	197094201	197094324	NC_000003.11
cg03401997	1.67E-13	7.44E-15	-8.43	22.8446488	-4.83E-02	104583071	104583194	NC_000014.8
cg05204123	1.67E-13	7.44E-15	-8.43	22.8445151	-1.52E-01	1613017	1613140	NC_000017.10
cg20890989	1.67E-13	7.44E-15	-8.43	22.8441871	-2.08E-01	223574238	223574361	NC_000002.11
cg08970083	1.67E-13	7.45E-15	-8.43	22.8432636	-4.85E-02	184871070	184871193	NC_000003.11
cg13457496	1.67E-13	7.45E-15	-8.43	22.8422937	-2.22E-01	2609648	2609771	NC_000007.13
cg01276169	1.68E-13	7.48E-15	-8.43	22.8383948	-1.18E-01	57569898	57570021	NC_000012.11
cg14429381	1.68E-13	7.49E-15	-8.43	22.8369712	-1.57E-01	103342099	103342222	NC_000009.11
cg13830835	1.69E-13	7.53E-15	-8.43	22.8326186	-7.62E-02	140301825	140301948	NC_000009.11
cg09135399	1.69E-13	7.54E-15	-8.43	22.8302996	-1.51E-01	39493114	39493237	NC_000022.10

cg10284310	1.70E-13	7.58E-15	-8.43	22.8251994	-1.92E-01	12108679	12108802	NC_000011.9
cg10300814	1.71E-13	7.63E-15	-8.43	22.819164	-1.33E-01	35565116	35565239	NC_000006.11
cg04519626	1.71E-13	7.63E-15	-8.43	22.8189143	-1.35E-01	3208493	3208616	NC_000007.13
cg06599949	1.72E-13	7.65E-15	-8.43	22.8159648	-1.34E-01	6389055	6389178	NC_000012.11
cg05317714	1.72E-13	7.66E-15	-8.43	22.8149133	-1.41E-01	145698116	145698239	NC_000008.10
cg17295666	1.72E-13	7.67E-15	-8.43	22.8139544	-8.12E-02	3140861	3140984	NC_000020.10
cg02375320	1.72E-13	7.67E-15	-8.43	22.8138741	-9.37E-02	38978881	38979004	NC_000002.11
cg11537355	1.72E-13	7.67E-15	-8.43	22.8136698	-2.04E-01	154473324	154473447	NC_000007.13
cg25350872	1.73E-13	7.71E-15	-8.43	22.809156	-1.67E-01	158816149	158816272	NC_000007.13
cg14583406	1.73E-13	7.72E-15	-8.43	22.8074479	-1.70E-01	9248024	9248147	NC_000002.11
cg21572731	1.73E-13	7.73E-15	-8.43	22.8068172	-7.76E-02	111804981	111805104	NC_000003.11
cg03379131	1.73E-13	7.74E-15	-8.43	22.805237	-4.94E-02	155024281	155024404	NC_000001.10
cg27077228	1.74E-13	7.75E-15	-8.43	22.804304	-6.73E-02	67236780	67236903	NC_000011.9
cg12438392	1.74E-13	7.75E-15	-8.43	22.8034928	-5.53E-02	122513569	122513692	NC_000002.11
cg12897502	1.74E-13	7.76E-15	-8.42	22.8018932	-1.71E-01	67425316	67425439	NC_000008.10
cg14424963	1.74E-13	7.77E-15	-8.42	22.800994	-1.75E-01	139472899	139473022	NC_000009.11
cg17500202	1.74E-13	7.78E-15	-8.42	22.7994741	-1.48E-01	241722099	241722222	NC_000002.11
cg15903562	1.75E-13	7.79E-15	-8.42	22.7980323	-1.98E-01	204407794	204407917	NC_000001.10
cg03294491	1.75E-13	7.80E-15	-8.42	22.7972338	-1.73E-01	45458243	45458366	NC_000018.9
cg25242729	1.75E-13	7.81E-15	-8.42	22.7963104	-1.40E-01	63854047	63854170	NC_000011.9
cg04245540	1.75E-13	7.81E-15	-8.42	22.7962472	-1.53E-01	55148534	55148657	NC_000005.9
cg09859293	1.75E-13	7.82E-15	-8.42	22.7944244	-8.27E-02	3605851	3605974	NC_000002.11
cg13180375	1.75E-13	7.83E-15	-8.42	22.7941959	-1.22E-01	22298119	22298242	NC_000008.10
cg27541349	1.75E-13	7.83E-15	-8.42	22.7939048	-4.90E-02	6296337	6296460	NC_000001.10
ch.1.4707864F	1.76E-13	7.84E-15	-8.42	22.7924149	-6.50E-02	237351020	237351143	NC_000001.10

cg15050051	1.76E-13	7.85E-15	-8.42	22.7913526	-1.65E-01	1782000	1782123	NC_000007.13
cg02856688	1.76E-13	7.86E-15	-8.42	22.7900389	-1.76E-01	2266542	2266665	NC_000019.9
cg20012607	1.76E-13	7.87E-15	-8.42	22.7882626	-1.42E-01	100085455	100085578	NC_000013.10
cg12299829	1.77E-13	7.90E-15	-8.42	22.7844949	-6.60E-02	24742324	24742447	NC_000001.10
cg23717764	1.77E-13	7.91E-15	-8.42	22.7838784	-1.04E-01	12526205	12526328	NC_000008.10
cg18089380	1.77E-13	7.91E-15	-8.42	22.783513	-1.55E-01	55232663	55232786	NC_000003.11
cg10036402	1.78E-13	7.94E-15	-8.42	22.7802414	-8.12E-02	77787255	77787378	NC_000014.8
cg24180759	1.78E-13	7.94E-15	-8.42	22.7799903	-1.81E-01	167551234	167551357	NC_000005.9
cg10349874	1.78E-13	7.95E-15	-8.42	22.7787682	-1.16E-01	420996	421119	NC_000016.9
cg10593047	1.78E-13	7.95E-15	-8.42	22.7787196	-1.66E-01	232526667	232526790	NC_000002.11
cg18463595	1.80E-13	8.04E-15	-8.42	22.7674946	-1.18E-01	105222699	105222822	NC_000007.13
cg10632328	1.80E-13	8.05E-15	-8.42	22.7665014	-8.83E-02	78389079	78389202	NC_000017.10
cg07483989	1.81E-13	8.09E-15	-8.42	22.7617692	-1.33E-01	33751159	33751282	NC_000009.11
cg06573644	1.81E-13	8.11E-15	-8.42	22.7594198	-3.46E-02	12329101	12329224	NC_000003.11
ch.3.44023473F	1.82E-13	8.12E-15	-8.42	22.7573725	-6.57E-02	44048469	44048592	NC_000003.11
cg17561241	1.82E-13	8.12E-15	-8.42	22.7573411	-8.65E-02	54070294	54070417	NC_000012.11
cg08594888	1.82E-13	8.13E-15	-8.42	22.7570507	-1.84E-01	53183773	53183896	NC_000012.11
cg06366789	1.82E-13	8.13E-15	-8.42	22.756071	-1.52E-01	100486596	100486719	NC_000013.10
ch.5.3491617R	1.83E-13	8.19E-15	-8.42	22.7495465	-4.48E-02	179142161	179142284	NC_000005.9
cg26370729	1.83E-13	8.20E-15	-8.42	22.7474064	-9.07E-02	76115672	76115795	NC_000005.9
cg27080259	1.84E-13	8.24E-15	-8.42	22.7428448	-1.10E-01	3087875	3087998	NC_000016.9
cg13513288	1.84E-13	8.25E-15	-8.42	22.7415486	-7.33E-02	4299830	4299953	NC_000009.11
cg22379436	1.84E-13	8.25E-15	-8.42	22.7415364	-1.94E-01	73789574	73789697	NC_000003.11
cg00952516	1.84E-13	8.26E-15	-8.42	22.7412688	-1.69E-01	22573179	22573302	NC_000008.10
cg05467828	1.85E-13	8.28E-15	-8.41	22.7386656	-1.91E-01	134207130	134207253	NC_000010.10

cg05205664	1.85E-13	8.28E-15	-8.41	22.7385183	-7.84E-02	73694566	73694689	NC_000011.9
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cg04311473	1.85E-13	8.30E-15	-8.41	22.7360147	-1.49E-01	33686435	33686558	NC_000001.10
cg12642006	1.85E-13	8.31E-15	-8.41	22.7350051	-7.46E-02	11350118	11350241	NC_000016.9
cg02518216	1.86E-13	8.32E-15	-8.41	22.7335397	-1.73E-01	106533903	106534026	NC_000012.11
cg17578639	1.86E-13	8.33E-15	-8.41	22.7325723	-1.71E-01	176862949	176863072	NC_000003.11
cg14911766	1.86E-13	8.35E-15	-8.41	22.7303942	-1.70E-01	14001633	14001756	NC_000006.11
cg14244402	1.87E-13	8.36E-15	-8.41	22.7290121	-1.68E-01	130681102	130681225	NC_000009.11
cg23456144	1.87E-13	8.37E-15	-8.41	22.7279925	-5.05E-02	45496230	45496353	NC_000010.10
cg14131220	1.87E-13	8.37E-15	-8.41	22.7274889	-1.46E-01	34590742	34590865	NC_000009.11
cg16582517	1.88E-13	8.44E-15	-8.41	22.7199363	-1.46E-01	5025885	5026008	NC_000003.11
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cg23181035	1.89E-13	8.48E-15	-8.41	22.7149729	-1.41E-01	42593016	42593139	NC_000019.9
cg24873592	1.89E-13	8.49E-15	-8.41	22.7131017	-1.20E-01	32042092	32042215	NC_000001.10
cg04942251	1.89E-13	8.50E-15	-8.41	22.7124356	-1.62E-01	63687247	63687370	NC_000011.9
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cg16094412	1.90E-13	8.53E-15	-8.41	22.7094919	-1.15E-01	6266029	6266152	NC_000001.10
cg12366772	1.90E-13	8.53E-15	-8.41	22.7084997	-9.76E-02	122041891	122042014	NC_000002.11
cg06074534	1.91E-13	8.56E-15	-8.41	22.7060176	-2.24E-01	85020055	85020178	NC_000016.9
cg25080973	1.91E-13	8.56E-15	-8.41	22.7057184	-1.54E-01	8743670	8743793	NC_000011.9
cg17969683	1.91E-13	8.56E-15	-8.41	22.7053287	-1.80E-01	24151514	24151637	NC_000008.10
cg12559827	1.91E-13	8.60E-15	-8.41	22.7011369	-2.05E-01	73316585	73316708	NC_000002.11
cg00988346	1.92E-13	8.63E-15	-8.41	22.6974272	-1.92E-01	27729801	27729924	NC_000001.10

cg07241909	1.93E-13	8.65E-15	-8.41	22.695214	-1.48E-01	17566163	17566286	NC_000011.9
cg25440893	1.93E-13	8.65E-15	-8.41	22.6949357	-1.33E-01	35091802	35091925	NC_000015.9
cg21229482	1.93E-13	8.69E-15	-8.41	22.6908981	-1.23E-01	139081755	139081878	NC_000009.11
cg03701795	1.94E-13	8.70E-15	-8.41	22.6899605	-8.61E-02	158323482	158323605	NC_000001.10
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cg14793611	1.95E-13	8.77E-15	-8.41	22.6811865	-1.39E-01	11917683	11917806	NC_000010.10
cg13199615	1.96E-13	8.79E-15	-8.4	22.6790931	-7.07E-02	155146785	155146908	NC_000001.10
ch.22.569473R	1.96E-13	8.83E-15	-8.4	22.6753161	-6.60E-02	36895405	36895528	NC_000022.10
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cg10051299	1.97E-13	8.87E-15	-8.4	22.6706939	-4.13E-02	105780431	105780554	NC_000014.8
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cg02909991	2.02E-13	9.08E-15	-8.4	22.6476254	-6.39E-02	76127829	76127952	NC_000017.10
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cg04991639	2.02E-13	9.09E-15	-8.4	22.6466311	-1.58E-01	25175737	25175860	NC_000001.10
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cg15277914	2.02E-13	9.11E-15	-8.4	22.6444786	-1.41E-01	154042611	154042734	NC_000003.11
cg21450008	2.03E-13	9.15E-15	-8.4	22.6395954	-7.27E-02	131028232	131028355	NC_000008.10
cg27121309	2.04E-13	9.17E-15	-8.4	22.6372682	-2.02E-01	76731589	76731712	NC_000011.9
cg02579668	2.04E-13	9.18E-15	-8.4	22.6365001	-1.87E-01	28928325	28928448	NC_000001.10
cg03331035	2.05E-13	9.22E-15	-8.4	22.6325875	-1.75E-01	135813886	135814009	NC_000008.10
cg19676502	2.05E-13	9.24E-15	-8.4	22.6298524	-1.99E-01	50438151	50438274	NC_000014.8
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cg16393713	2.06E-13	9.28E-15	-8.4	22.6262333	-2.08E-01	76149509	76149632	NC_000007.13
cg03586240	2.06E-13	9.31E-15	-8.4	22.622771	-1.87E-01	1966361	1966484	NC_000007.13
cg08090621	2.07E-13	9.34E-15	-8.4	22.6193544	-1.82E-01	40162374	40162497	NC_000001.10
cg12965095	2.07E-13	9.35E-15	-8.4	22.6185368	-1.88E-01	18120626	18120749	NC_000019.9
cg09773238	2.07E-13	9.35E-15	-8.4	22.6181008	-2.01E-01	113424208	113424331	NC_000011.9
cg23907852	2.07E-13	9.35E-15	-8.4	22.6180949	-1.27E-01	43922244	43922367	NC_000017.10
cg01756899	2.07E-13	9.35E-15	-8.4	22.6179342	-1.98E-01	1070137	1070260	NC_000016.9
cg21229979	2.07E-13	9.36E-15	-8.4	22.6177687	-1.26E-01	163746175	163746298	NC_000006.11
cg23138250	2.07E-13	9.36E-15	-8.39	22.6173464	-1.47E-01	33401870	33401993	NC_000005.9
cg11160572	2.08E-13	9.37E-15	-8.39	22.6163541	-1.72E-01	169706422	169706545	NC_000004.11
cg17208748	2.08E-13	9.39E-15	-8.39	22.614026	-1.41E-01	197194394	197194517	NC_000003.11
cg03957109	2.08E-13	9.41E-15	-8.39	22.6119965	-1.89E-01	60654693	60654816	NC_000015.9
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cg12684668	2.09E-13	9.43E-15	-8.39	22.6096689	-1.84E-01	150403466	150403589	NC_000005.9

cg24377133	2.09E-13	9.45E-15	-8.39	22.6078989	-1.06E-01	144170375	144170498	NC_000008.10
cg15726807	2.10E-13	9.47E-15	-8.39	22.6054643	-9.83E-02	41857198	41857321	NC_000019.9
cg25450482	2.10E-13	9.49E-15	-8.39	22.6039665	-6.48E-02	34895039	34895162	NC_000019.9
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cg10662871	2.11E-13	9.53E-15	-8.39	22.5998753	-2.55E-02	36784627	36784750	NC_000022.10
cg26928080	2.12E-13	9.58E-15	-8.39	22.5946669	-8.46E-02	95236825	95236948	NC_000014.8
cg15221831	2.12E-13	9.59E-15	-8.39	22.5937732	-1.65E-01	42408464	42408587	NC_000019.9
cg16336227	2.12E-13	9.60E-15	-8.39	22.5926079	-1.95E-01	134665178	134665301	NC_000010.10
cg12777588	2.13E-13	9.61E-15	-8.39	22.5912002	-1.61E-01	4019913	4020036	NC_000007.13
cg26610812	2.13E-13	9.62E-15	-8.39	22.5905342	-4.09E-02	20716451	20716574	NC_000018.9
cg00506299	2.13E-13	9.63E-15	-8.39	22.5897131	-1.47E-01	16469127	16469250	NC_000003.11
cg07925311	2.14E-13	9.66E-15	-8.39	22.5859407	-1.58E-01	57835436	57835559	NC_000016.9
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cg06297541	2.14E-13	9.70E-15	-8.39	22.5823742	-1.25E-01	22384949	22385072	NC_000016.9
cg10876928	2.15E-13	9.71E-15	-8.39	22.581114	-1.39E-01	43977473	43977596	NC_000020.10
cg26389465	2.15E-13	9.71E-15	-8.39	22.5810804	-6.54E-02	112097071	112097194	NC_000011.9
cg10648763	2.15E-13	9.71E-15	-8.39	22.5807119	-1.48E-01	135364451	135364574	NC_000005.9
cg15932627	2.15E-13	9.72E-15	-8.39	22.5802647	-1.61E-01	139048065	139048188	NC_000003.11
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cg27391982	2.16E-13	9.76E-15	-8.39	22.5757322	-1.83E-01	76957970	76958093	NC_000013.10
cg12323347	2.16E-13	9.78E-15	-8.39	22.5743824	-1.31E-01	112256517	112256640	NC_000010.10
cg01132502	2.16E-13	9.78E-15	-8.39	22.5743595	-1.42E-01	179335607	179335730	NC_000005.9
cg14369648	2.16E-13	9.78E-15	-8.39	22.5743503	-2.28E-01	33750687	33750810	NC_000009.11
cg16512144	2.16E-13	9.79E-15	-8.39	22.5726797	-1.56E-01	170458976	170459099	NC_000003.11
cg05582310	2.17E-13	9.80E-15	-8.39	22.571857	-2.04E-01	5760808	5760931	NC_000004.11



cg06655361	2.17E-13	9.81E-15	-8.39	22.5710402	-8.44E-02	73533561	73533684	NC_000010.10
cg19191454	2.17E-13	9.82E-15	-8.39	22.5703989	-2.03E-02	102106596	102106719	NC_000010.10
cg22972519	2.19E-13	9.89E-15	-8.39	22.5625232	-1.38E-01	3438413	3438536	NC_000017.10
cg06768939	2.19E-13	9.89E-15	-8.39	22.5624135	-1.65E-01	79024447	79024570	NC_000017.10
cg12923215	2.19E-13	9.90E-15	-8.39	22.5614228	-3.77E-02	32433061	32433184	NC_000003.11
cg00974095	2.19E-13	9.92E-15	-8.39	22.5603068	-1.72E-01	40154614	40154737	NC_000001.10
cg00581764	2.19E-13	9.92E-15	-8.39	22.5601675	-1.63E-01	158183853	158183976	NC_000006.11
cg07036991	2.19E-13	9.93E-15	-8.39	22.5586655	-1.63E-01	59565187	59565310	NC_000014.8
cg24384816	2.20E-13	9.97E-15	-8.38	22.5547345	-1.29E-01	35972312	35972435	NC_000020.10
cg01027411	2.21E-13	1.00E-14	-8.38	22.5512226	-7.48E-02	45579986	45580109	NC_000019.9
cg05982757	2.21E-13	1.00E-14	-8.38	22.549473	-1.21E-01	54427528	54427651	NC_000012.11
cg25340711	2.22E-13	1.00E-14	-8.38	22.5472192	-2.29E-01	1080611	1080734	NC_000001.10
cg11380624	2.22E-13	1.01E-14	-8.38	22.5443267	-1.09E-01	56222881	56223004	NC_000012.11
cg17888259	2.23E-13	1.01E-14	-8.38	22.5438823	-1.92E-01	179557662	179557785	NC_000001.10
cg17353057	2.23E-13	1.01E-14	-8.38	22.5420685	-1.05E-01	46294185	46294308	NC_000021.8
cg14606256	2.23E-13	1.01E-14	-8.38	22.5418255	-1.25E-01	54132568	54132691	NC_000012.11
cg07540983	2.23E-13	1.01E-14	-8.38	22.5408338	-5.97E-02	117857297	117857420	NC_000011.9
cg24155129	2.23E-13	1.01E-14	-8.38	22.5391488	-4.27E-02	153505790	153505913	NC_000001.10
cg01028163	2.24E-13	1.01E-14	-8.38	22.5383179	-9.52E-02	19894948	19895071	NC_000016.9
cg14405137	2.24E-13	1.01E-14	-8.38	22.5382141	-1.98E-01	50219283	50219406	NC_000012.11
cg08454015	2.24E-13	1.02E-14	-8.38	22.5367749	-1.87E-01	240078452	240078575	NC_000001.10
cg23413349	2.25E-13	1.02E-14	-8.38	22.5335438	-4.56E-02	106958388	106958511	NC_000006.11
cg17588294	2.25E-13	1.02E-14	-8.38	22.5326582	-1.47E-01	129548156	129548279	NC_000002.11
cg17299456	2.25E-13	1.02E-14	-8.38	22.5306508	-1.75E-01	10696311	10696434	NC_000011.9
cg26928531	2.28E-13	1.03E-14	-8.38	22.5197301	-1.56E-01	32407714	32407837	NC_000006.11

cg24402880	2.28E-13	1.04E-14	-8.38	22.517674	-1.95E-01	84035837	84035960	NC_000004.11
cg10821261	2.28E-13	1.04E-14	-8.38	22.517374	-1.82E-01	54822725	54822848	NC_000012.11
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cg10244770	2.29E-13	1.04E-14	-8.38	22.5152322	-1.73E-01	19018111	19018234	NC_000012.11
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cg02628016	2.29E-13	1.04E-14	-8.38	22.5138129	-1.96E-01	183382726	183382849	NC_000003.11
cg03607644	2.29E-13	1.04E-14	-8.38	22.5133858	-2.10E-01	134679636	134679759	NC_000008.10
cg24164702	2.30E-13	1.04E-14	-8.38	22.5111732	-1.52E-01	39225147	39225270	NC_000019.9
cg12841020	2.30E-13	1.04E-14	-8.38	22.5111036	-7.49E-02	75422604	75422727	NC_000014.8
cg03340667	2.30E-13	1.05E-14	-8.38	22.5079896	-1.57E-01	150464285	150464408	NC_000005.9
cg17020895	2.30E-13	1.05E-14	-8.38	22.5070741	-1.25E-01	3423790	3423913	NC_000012.11
cg06236559	2.31E-13	1.05E-14	-8.38	22.5060832	-1.83E-01	45458303	45458426	NC_000018.9
cg26112929	2.31E-13	1.05E-14	-8.38	22.5055878	-5.62E-02	5821500	5821623	NC_000007.13
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cg26074025	2.31E-13	1.05E-14	-8.38	22.5046249	-1.23E-01	89467057	89467180	NC_000014.8
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cg17237804	2.32E-13	1.06E-14	-8.38	22.4983675	-1.48E-01	71199355	71199478	NC_000010.10
cg17768957	2.33E-13	1.06E-14	-8.38	22.4965344	-1.94E-01	159071076	159071199	NC_000006.11
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cg21046160	2.33E-13	1.06E-14	-8.38	22.4954957	-1.29E-01	24105147	24105270	NC_000022.10
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ch.9.2793850R	2.33E-13	1.06E-14	-8.37	22.4940213	-3.66E-02	2803850	2803973	NC_000009.11
cg25577648	2.34E-13	1.06E-14	-8.37	22.4927651	-1.03E-01	73137008	73137131	NC_000010.10
cg09635667	2.34E-13	1.06E-14	-8.37	22.4921119	-1.22E-01	2300514	2300637	NC_000017.10
cg19283806	2.34E-13	1.07E-14	-8.37	22.4888221	-2.03E-01	66389420	66389543	NC_000018.9
cg09644157	2.34E-13	1.07E-14	-8.37	22.4885324	-1.38E-01	124896212	124896335	NC_000012.11
cg06474082	2.35E-13	1.07E-14	-8.37	22.487358	-8.34E-02	45579580	45579703	NC_000019.9
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cg00972420	2.35E-13	1.07E-14	-8.37	22.4839557	-1.19E-01	49204792	49204915	NC_000020.10
cg04270264	2.36E-13	1.07E-14	-8.37	22.4806735	-1.61E-01	31961615	31961738	NC_000020.10
cg22136753	2.36E-13	1.08E-14	-8.37	22.4801153	-6.20E-02	18118066	18118189	NC_000020.10
ch.6.43016614F	2.36E-13	1.08E-14	-8.37	22.4797472	-3.93E-02	42908636	42908759	NC_000006.11
cg10950111	2.37E-13	1.08E-14	-8.37	22.4768923	-1.81E-01	228337379	228337502	NC_000001.10
cg14505256	2.37E-13	1.08E-14	-8.37	22.4759188	-1.34E-01	20978594	20978717	NC_000022.10
cg05176551	2.37E-13	1.08E-14	-8.37	22.4755135	-1.98E-01	32701586	32701709	NC_000010.10
cg09558425	2.38E-13	1.08E-14	-8.37	22.4745779	-1.95E-01	30073283	30073406	NC_000010.10
cg20847766	2.38E-13	1.08E-14	-8.37	22.4729109	-1.89E-01	111840490	111840613	NC_000013.10
cg16038868	2.39E-13	1.09E-14	-8.37	22.4698234	-9.26E-02	10192619	10192742	NC_000008.10
cg09238049	2.39E-13	1.09E-14	-8.37	22.4697638	-1.44E-01	1205018	1205141	NC_000016.9
cg17240760	2.39E-13	1.09E-14	-8.37	22.4688714	-1.67E-01	111417994	111418117	NC_000001.10
ch.9.2215767R	2.39E-13	1.09E-14	-8.37	22.4687444	-4.08E-02	132996898	132997021	NC_000009.11
cg12724357	2.40E-13	1.09E-14	-8.37	22.4632521	-6.34E-02	66790285	66790408	NC_000011.9
cg26771272	2.40E-13	1.10E-14	-8.37	22.4621972	-1.72E-01	18163183	18163306	NC_000017.10
cg09481483	2.40E-13	1.10E-14	-8.37	22.462133	-1.13E-01	11734383	11734506	NC_000016.9

cg21576728	2.40E-13	1.10E-14	-8.37	22.4614864	-1.32E-01	113683521	113683644	NC_000001.10
cg08290628	2.41E-13	1.10E-14	-8.37	22.4612048	-1.61E-01	68936551	68936674	NC_000015.9
cg03090940	2.41E-13	1.10E-14	-8.37	22.4606993	-1.21E-01	65058954	65059077	NC_000002.11
cg08711320	2.42E-13	1.10E-14	-8.37	22.457084	-1.62E-01	3387932	3388055	NC_000001.10
cg22122760	2.42E-13	1.10E-14	-8.37	22.4561457	-6.58E-02	33160946	33161069	NC_000006.11
ch.10.65513755F	2.42E-13	1.10E-14	-8.37	22.4553211	-6.24E-02	65843749	65843872	NC_000010.10
cg01315572	2.42E-13	1.10E-14	-8.37	22.4543663	-1.06E-01	116391550	116391673	NC_000010.10
cg12380609	2.42E-13	1.10E-14	-8.37	22.4540571	-5.77E-02	102455982	102456105	NC_000012.11
cg12182124	2.42E-13	1.11E-14	-8.37	22.4532787	-1.78E-01	21451563	21451686	NC_000018.9
cg11906781	2.43E-13	1.11E-14	-8.37	22.4524616	-2.40E-01	28183394	28183517	NC_000002.11
cg05844193	2.43E-13	1.11E-14	-8.37	22.451777	-9.79E-02	25033206	25033329	NC_000004.11
cg14377171	2.43E-13	1.11E-14	-8.37	22.4513283	-1.78E-01	138022131	138022254	NC_000009.11
ch.2.202877934R	2.43E-13	1.11E-14	-8.37	22.4491104	-4.67E-02	203169689	203169812	NC_000002.11
cg07156929	2.43E-13	1.11E-14	-8.37	22.4485089	-5.89E-02	34856927	34857050	NC_000006.11
cg03417788	2.45E-13	1.12E-14	-8.37	22.441431	-1.96E-01	14605870	14605993	NC_000003.11
cg00018010	2.45E-13	1.12E-14	-8.37	22.4412563	-1.44E-01	20105626	20105749	NC_000017.10
cg23202722	2.45E-13	1.12E-14	-8.37	22.4401366	-1.88E-01	33793808	33793931	NC_000001.10
cg05546575	2.45E-13	1.12E-14	-8.37	22.4395883	-1.79E-01	6483368	6483491	NC_000007.13
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cg16341979	2.48E-13	1.13E-14	-8.36	22.4290766	-2.05E-01	94576977	94577100	NC_000014.8
cg17668756	2.48E-13	1.13E-14	-8.36	22.4285341	-1.62E-01	73020218	73020341	NC_000010.10
cg22933646	2.48E-13	1.13E-14	-8.36	22.4285103	-8.95E-02	62342512	62342635	NC_000011.9
cg07175945	2.48E-13	1.13E-14	-8.36	22.4280847	-7.19E-02	32444062	32444185	NC_000005.9

cg01056400	2.48E-13	1.13E-14	-8.36	22.4277891	-1.39E-01	208119426	208119549	NC_000002.11
cg04849985	2.48E-13	1.14E-14	-8.36	22.4266018	-1.09E-01	68215783	68215906	NC_000001.10
cg15813090	2.49E-13	1.14E-14	-8.36	22.4258305	-9.57E-02	442598	442721	NC_000005.9
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cg02210123	2.50E-13	1.14E-14	-8.36	22.4216603	-3.62E-02	63670835	63670958	NC_000014.8
cg03058163	2.51E-13	1.15E-14	-8.36	22.4177161	-1.63E-01	1153338	1153461	NC_000001.10
cg07635132	2.51E-13	1.15E-14	-8.36	22.4155129	-1.56E-01	30441833	30441956	NC_000016.9
cg04198215	2.51E-13	1.15E-14	-8.36	22.4152038	-1.24E-01	231730425	231730548	NC_000002.11
cg04972979	2.51E-13	1.15E-14	-8.36	22.4137467	-1.15E-01	749148	749271	NC_000020.10
cg26737223	2.52E-13	1.15E-14	-8.36	22.4133225	-2.10E-01	74488855	74488978	NC_000017.10
cg11243680	2.52E-13	1.15E-14	-8.36	22.4129851	-5.64E-02	31881778	31881901	NC_000012.11
cg09610018	2.52E-13	1.15E-14	-8.36	22.41196	-1.37E-01	121433074	121433197	NC_000002.11
cg20743744	2.52E-13	1.15E-14	-8.36	22.4108183	-1.20E-01	1243849	1243972	NC_000004.11
cg04685954	2.52E-13	1.15E-14	-8.36	22.4103032	-1.25E-01	10515574	10515697	NC_000012.11
cg10208610	2.52E-13	1.15E-14	-8.36	22.409989	-1.26E-01	27326422	27326545	NC_000001.10
cg22278106	2.52E-13	1.16E-14	-8.36	22.409407	-8.73E-02	169746720	169746843	NC_000002.11
cg21157094	2.53E-13	1.16E-14	-8.36	22.409172	-1.15E-01	25958282	25958405	NC_000017.10
ch.14.1097636R	2.55E-13	1.17E-14	-8.36	22.4006894	-9.14E-02	74948378	74948501	NC_000014.8
cg05977376	2.55E-13	1.17E-14	-8.36	22.3976763	-1.80E-01	28561585	28561708	NC_000002.11
cg07950002	2.56E-13	1.17E-14	-8.36	22.3963223	-1.13E-01	131465811	131465934	NC_000009.11
cg23264429	2.56E-13	1.17E-14	-8.36	22.3936607	-2.48E-01	90642003	90642126	NC_000010.10
cg09820729	2.56E-13	1.17E-14	-8.36	22.3933424	-1.58E-01	12039712	12039835	NC_000001.10
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cg03719555	2.57E-13	1.18E-14	-8.36	22.3904913	-1.76E-01	4455413	4455536	NC_000019.9
cg16548261	2.57E-13	1.18E-14	-8.36	22.390432	-9.74E-02	66790373	66790496	NC_000011.9
cg21470600	2.57E-13	1.18E-14	-8.36	22.3894218	-1.65E-01	6040824	6040947	NC_000001.10
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cg13928417	2.58E-13	1.18E-14	-8.36	22.3858865	-1.62E-01	124498782	124498905	NC_000009.11
cg20128802	2.59E-13	1.19E-14	-8.36	22.382279	-1.13E-01	41601612	41601735	NC_000006.11
cg02441103	2.59E-13	1.19E-14	-8.36	22.3807959	-1.49E-01	133591209	133591332	NC_000005.9
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cg24500630	2.61E-13	1.20E-14	-8.36	22.3740854	-1.31E-01	110436181	110436304	NC_000011.9
cg26531076	2.62E-13	1.20E-14	-8.36	22.3719051	-1.67E-01	73743377	73743500	NC_000013.10
cg22531801	2.62E-13	1.20E-14	-8.36	22.3713531	-1.96E-01	235806070	235806193	NC_000001.10
cg19111030	2.62E-13	1.20E-14	-8.35	22.3701553	-7.88E-02	71204600	71204723	NC_000002.11
cg20541344	2.62E-13	1.20E-14	-8.35	22.369404	-8.77E-02	79095182	79095305	NC_000017.10
cg04830629	2.63E-13	1.20E-14	-8.35	22.3681842	-1.69E-01	71558336	71558459	NC_000012.11
cg01630691	2.63E-13	1.21E-14	-8.35	22.367247	-1.86E-01	203359167	203359290	NC_000002.11
cg23368579	2.63E-13	1.21E-14	-8.35	22.3670732	-1.77E-01	519265	519388	NC_000018.9
cg03731896	2.64E-13	1.21E-14	-8.35	22.3622975	-1.21E-01	49474391	49474514	NC_000019.9
cg05287529	2.65E-13	1.21E-14	-8.35	22.3604011	-5.73E-02	101380128	101380251	NC_000010.10
cg14698665	2.65E-13	1.21E-14	-8.35	22.3602435	-2.03E-01	11389290	11389413	NC_000005.9
ch.3.1121988R	2.65E-13	1.22E-14	-8.35	22.3589081	-6.50E-02	51728593	51728716	NC_000003.11
cg26538691	2.65E-13	1.22E-14	-8.35	22.3577218	-1.57E-01	5328219	5328342	NC_000001.10
cg21491201	2.66E-13	1.22E-14	-8.35	22.355412	-1.08E-01	30545074	30545197	NC_000007.13
cg02649547	2.66E-13	1.22E-14	-8.35	22.3546774	-1.86E-01	95848791	95848914	NC_000010.10
cg09498440	2.66E-13	1.22E-14	-8.35	22.3534871	-1.09E-01	72415429	72415552	NC_000005.9

cg05020822	2.66E-13	1.22E-14	-8.35	22.3534738	-6.20E-02	144373356	144373479	NC_000008.10
cg01999086	2.67E-13	1.22E-14	-8.35	22.3522567	-7.36E-02	52824411	52824534	NC_000020.10
cg10208113	2.67E-13	1.23E-14	-8.35	22.3512367	-1.44E-01	1179747	1179870	NC_000001.10
cg02227015	2.67E-13	1.23E-14	-8.35	22.3507607	-5.71E-02	12909976	12910099	NC_000003.11
cg12960126	2.67E-13	1.23E-14	-8.35	22.3501132	-1.52E-01	187686256	187686379	NC_000004.11
cg01858698	2.67E-13	1.23E-14	-8.35	22.3497072	-2.05E-01	46954407	46954530	NC_000001.10
ch.19.1364541R	2.67E-13	1.23E-14	-8.35	22.3489861	-4.38E-02	42374382	42374505	NC_000019.9
cg19621411	2.68E-13	1.23E-14	-8.35	22.3469614	-4.96E-02	63429038	63429161	NC_000001.10
cg15022420	2.68E-13	1.23E-14	-8.35	22.3453082	-1.42E-01	157322652	157322775	NC_000007.13
cg06415153	2.69E-13	1.23E-14	-8.35	22.3447296	-1.31E-01	123519476	123519599	NC_000012.11
cg04314261	2.69E-13	1.23E-14	-8.35	22.344019	-1.17E-01	10163030	10163153	NC_000012.11
cg19914919	2.69E-13	1.24E-14	-8.35	22.3427844	-2.50E-01	161992878	161993001	NC_000002.11
cg10106388	2.70E-13	1.24E-14	-8.35	22.3375733	-2.10E-01	160832662	160832785	NC_000001.10
cg20430807	2.72E-13	1.25E-14	-8.35	22.3309265	-6.14E-02	62168955	62169078	NC_000020.10
cg22927510	2.73E-13	1.25E-14	-8.35	22.3287033	-3.98E-02	50968328	50968451	NC_000022.10
cg18887230	2.74E-13	1.26E-14	-8.35	22.3246383	-1.43E-01	98739627	98739750	NC_000007.13
cg23401796	2.74E-13	1.26E-14	-8.35	22.3236025	-2.67E-01	141248667	141248790	NC_000008.10
cg19167907	2.74E-13	1.26E-14	-8.35	22.3221406	-4.35E-02	50964993	50965116	NC_000022.10
ch.2.43155345R	2.74E-13	1.26E-14	-8.35	22.3220623	-6.80E-02	43301841	43301964	NC_000002.11
cg19234738	2.76E-13	1.27E-14	-8.35	22.3177637	-1.61E-01	134031551	134031674	NC_000003.11
cg13566851	2.76E-13	1.27E-14	-8.35	22.3172895	-5.60E-02	143857813	143857936	NC_000006.11
cg15013019	2.76E-13	1.27E-14	-8.35	22.3155096	-7.49E-02	13213451	13213574	NC_000019.9
cg20283449	2.76E-13	1.27E-14	-8.35	22.3152307	-6.86E-02	61190829	61190952	NC_000014.8
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ch.3.1042115R	2.78E-13	1.28E-14	-8.34	22.308249	-3.69E-02	49069395	49069518	NC_000003.11

cg18006990	2.78E-13	1.28E-14	-8.34	22.3067954	-1.03E-01	43594962	43595085	NC_000006.11
cg26396492	2.80E-13	1.29E-14	-8.34	22.3025559	-1.48E-01	19915762	19915885	NC_000020.10
cg13237068	2.81E-13	1.29E-14	-8.34	22.2978328	-1.88E-01	25485381	25485504	NC_000013.10
cg00222982	2.81E-13	1.29E-14	-8.34	22.2971263	-7.38E-02	125439225	125439348	NC_000011.9
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cg00524374	2.83E-13	1.30E-14	-8.34	22.2912714	-7.34E-02	3894968	3895091	NC_000010.10
cg14261868	2.83E-13	1.30E-14	-8.34	22.2906329	-3.03E-02	149815294	149815417	NC_000001.10
cg05650632	2.83E-13	1.31E-14	-8.34	22.2887614	-5.43E-02	182751640	182751763	NC_000001.10
cg23032936	2.83E-13	1.31E-14	-8.34	22.2882807	-2.43E-01	48573365	48573488	NC_000010.10
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cg14434293	2.84E-13	1.31E-14	-8.34	22.2845758	-1.41E-01	1596108	1596231	NC_000010.10
cg03082108	2.87E-13	1.32E-14	-8.34	22.276289	-7.28E-02	12071430	12071553	NC_000016.9
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cg19430780	2.87E-13	1.32E-14	-8.34	22.2745681	-7.54E-02	38397004	38397127	NC_000019.9
cg19482842	2.87E-13	1.32E-14	-8.34	22.2744208	-5.05E-02	16790314	16790437	NC_000002.11
cg25475538	2.87E-13	1.33E-14	-8.34	22.2733733	-1.63E-01	22414555	22414678	NC_000008.10
cg27002325	2.88E-13	1.33E-14	-8.34	22.2719903	-2.36E-01	68174209	68174332	NC_000011.9
cg02753354	2.89E-13	1.33E-14	-8.34	22.2671861	-1.50E-01	1074727	1074850	NC_000019.9
cg25855001	2.89E-13	1.34E-14	-8.34	22.2661881	-1.93E-01	2886346	2886469	NC_000017.10
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cg01093065	2.90E-13	1.34E-14	-8.34	22.2649358	-1.39E-01	49372101	49372224	NC_000019.9
cg24048437	2.90E-13	1.34E-14	-8.34	22.2649263	-1.57E-01	53656287	53656410	NC_000005.9
cg26292910	2.90E-13	1.34E-14	-8.34	22.2647957	-1.25E-01	48732762	48732885	NC_000003.11
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ch.14.955325R	2.94E-13	1.36E-14	-8.34	22.2479393	-6.31E-02	69350231	69350354	NC_000014.8
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cg16615211	2.96E-13	1.37E-14	-8.33	22.2430766	-1.38E-01	44902933	44903056	NC_000003.11
cg26877648	2.96E-13	1.37E-14	-8.33	22.2426542	-4.21E-02	38210959	38211082	NC_000017.10

cg00735080	2.96E-13	1.37E-14	-8.33	22.2406553	-1.47E-01	47285121	47285244	NC_000021.8
cg19251326	2.96E-13	1.37E-14	-8.33	22.2404991	-1.68E-01	31688080	31688203	NC_000006.11
cg11363527	2.97E-13	1.37E-14	-8.33	22.2396965	-1.63E-01	72125918	72126041	NC_000004.11
cg07375150	2.97E-13	1.37E-14	-8.33	22.2383397	-1.78E-01	151046450	151046573	NC_000003.11
cg22054191	2.97E-13	1.37E-14	-8.33	22.2375238	-1.62E-01	42637630	42637753	NC_000019.9
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cg01455178	3.00E-13	1.39E-14	-8.33	22.2292375	-2.03E-01	205648187	205648310	NC_000001.10
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cg06414073	3.02E-13	1.40E-14	-8.33	22.219561	-7.76E-02	100967130	100967253	NC_000012.11
cg16320427	3.03E-13	1.40E-14	-8.33	22.2188908	-1.43E-01	71158765	71158888	NC_000003.11
cg14341131	3.04E-13	1.41E-14	-8.33	22.2151366	-1.62E-01	138605049	138605172	NC_000009.11
cg20769334	3.04E-13	1.41E-14	-8.33	22.214624	-7.20E-02	50913335	50913458	NC_000022.10
cg00079598	3.04E-13	1.41E-14	-8.33	22.2139959	-1.72E-01	123676903	123677026	NC_000011.9
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cg26978064	3.05E-13	1.41E-14	-8.33	22.2102672	-1.64E-01	70461791	70461914	NC_000017.10
cg24289912	3.05E-13	1.41E-14	-8.33	22.2092756	-1.75E-01	129845739	129845862	NC_000010.10
cg13175173	3.07E-13	1.42E-14	-8.33	22.2044814	-1.74E-01	55914753	55914876	NC_000014.8
cg13199127	3.07E-13	1.42E-14	-8.33	22.204426	-1.36E-01	32049196	32049319	NC_000006.11
cg01519261	3.07E-13	1.42E-14	-8.33	22.2043107	-2.44E-01	36421467	36421590	NC_000021.8
cg09650189	3.07E-13	1.42E-14	-8.33	22.2041627	-1.81E-01	15820841	15820964	NC_000016.9
cg13562284	3.09E-13	1.43E-14	-8.33	22.1972733	-1.12E-01	32110323	32110446	NC_000011.9
cg16109297	3.09E-13	1.43E-14	-8.33	22.195889	-7.68E-02	43824900	43825023	NC_000001.10

cg00909232	3.10E-13	1.44E-14	-8.33	22.1940055	-1.65E-01	323439	323562	NC_000012.11
ch.10.33269R	3.10E-13	1.44E-14	-8.33	22.1938858	-4.47E-02	927563	927686	NC_000010.10
cg18937875	3.10E-13	1.44E-14	-8.33	22.1936141	-8.57E-02	14930189	14930312	NC_000011.9
cg15381769	3.10E-13	1.44E-14	-8.33	22.1919606	-2.20E-02	128841972	128842095	NC_000006.11
cg09491901	3.11E-13	1.44E-14	-8.33	22.1913316	-1.62E-01	1040709	1040832	NC_000006.11
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cg22159939	3.11E-13	1.44E-14	-8.33	22.1885182	-1.63E-01	214755489	214755612	NC_000001.10
cg09389160	3.12E-13	1.45E-14	-8.33	22.1865722	-5.83E-02	30688828	30688951	NC_000006.11
cg25611254	3.12E-13	1.45E-14	-8.32	22.1853578	-9.02E-02	124931985	124932108	NC_000003.11
cg11205224	3.12E-13	1.45E-14	-8.32	22.185226	-8.38E-02	74002417	74002540	NC_000005.9
cg05602648	3.13E-13	1.45E-14	-8.32	22.183995	-2.74E-02	230778078	230778201	NC_000001.10
cg13568106	3.14E-13	1.46E-14	-8.32	22.1785265	-1.77E-01	26835115	26835238	NC_000017.10
cg03372353	3.15E-13	1.46E-14	-8.32	22.1759789	-8.07E-02	1993707	1993830	NC_000016.9
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cg14889768	3.17E-13	1.47E-14	-8.32	22.1688641	-6.35E-02	146864529	146864652	NC_000006.11
cg18501264	3.18E-13	1.48E-14	-8.32	22.1659974	-3.43E-02	33555827	33555950	NC_000019.9
cg07450219	3.18E-13	1.48E-14	-8.32	22.1651486	-7.73E-02	78428858	78428981	NC_000017.10
cg06685080	3.18E-13	1.48E-14	-8.32	22.1647431	-1.52E-01	134190981	134191104	NC_000003.11
cg14459021	3.19E-13	1.48E-14	-8.32	22.1642392	-2.14E-01	140683212	140683335	NC_000009.11
cg01135165	3.19E-13	1.48E-14	-8.32	22.1636946	-2.07E-01	108191083	108191206	NC_000003.11
cg01975672	3.19E-13	1.48E-14	-8.32	22.1627915	-4.41E-02	55880593	55880716	NC_000019.9
cg07991139	3.20E-13	1.49E-14	-8.32	22.1610327	-1.64E-01	122191244	122191367	NC_000011.9
cg01066431	3.20E-13	1.49E-14	-8.32	22.1582709	-1.03E-01	48185197	48185320	NC_000010.10
cg17960080	3.21E-13	1.49E-14	-8.32	22.1570986	-8.99E-02	26926868	26926991	NC_000017.10

ch.10.1853020F	3.21E-13	1.49E-14	-8.32	22.1569307	-3.71E-02	88491461	88491584	NC_000010.10
cg17383842	3.21E-13	1.49E-14	-8.32	22.1559853	-1.82E-01	50553718	50553841	NC_000003.11
cg04921315	3.21E-13	1.49E-14	-8.32	22.1551719	-2.49E-01	4000587	4000710	NC_000016.9
cg16621790	3.22E-13	1.50E-14	-8.32	22.1535805	-1.84E-01	50383485	50383608	NC_000003.11
cg01881993	3.22E-13	1.50E-14	-8.32	22.1532114	-9.68E-02	66205003	66205126	NC_000007.13
cg14977069	3.22E-13	1.50E-14	-8.32	22.1527664	-1.90E-01	62367698	62367821	NC_000020.10
cg19979222	3.22E-13	1.50E-14	-8.32	22.1521829	-7.39E-02	96648520	96648643	NC_000011.9
cg13709054	3.24E-13	1.51E-14	-8.32	22.1462059	-7.06E-02	31940004	31940127	NC_000006.11
cg04813834	3.24E-13	1.51E-14	-8.32	22.145634	-1.68E-01	81434930	81435053	NC_000016.9
cg27641961	3.25E-13	1.52E-14	-8.32	22.1416704	-1.98E-01	75097037	75097160	NC_000016.9
cg19619028	3.26E-13	1.52E-14	-8.32	22.1408114	-2.00E-01	42327967	42328090	NC_000001.10
cg03402926	3.26E-13	1.52E-14	-8.32	22.1399839	-1.28E-01	27340767	27340890	NC_000011.9
cg04178634	3.28E-13	1.53E-14	-8.32	22.13337	-1.51E-01	2525231	2525354	NC_000019.9
cg16578549	3.28E-13	1.53E-14	-8.32	22.1329962	-1.98E-01	9950732	9950855	NC_000001.10
cg03213374	3.28E-13	1.53E-14	-8.32	22.1325563	-2.09E-01	8112512	8112635	NC_000012.11
cg22273555	3.29E-13	1.53E-14	-8.32	22.1305725	-9.38E-02	33130034	33130157	NC_000006.11
cg25966128	3.29E-13	1.54E-14	-8.32	22.128748	-3.78E-02	18447905	18448028	NC_000020.10
cg09442403	3.29E-13	1.54E-14	-8.32	22.1286018	-1.24E-01	149089298	149089421	NC_000003.11
cg13094338	3.30E-13	1.54E-14	-8.32	22.1255633	-4.61E-02	62258937	62259060	NC_000020.10
cg11471062	3.31E-13	1.54E-14	-8.31	22.1230561	-1.65E-01	94459183	94459306	NC_000010.10
cg20305489	3.31E-13	1.54E-14	-8.31	22.1227012	-2.34E-01	75316480	75316603	NC_000017.10
cg18610930	3.32E-13	1.55E-14	-8.31	22.1221725	-6.12E-02	46237456	46237579	NC_000021.8
cg15596666	3.32E-13	1.55E-14	-8.31	22.12187	-1.30E-01	135160792	135160915	NC_000010.10
cg07863402	3.32E-13	1.55E-14	-8.31	22.1208547	-1.28E-01	77863987	77864110	NC_000017.10
cg12764314	3.32E-13	1.55E-14	-8.31	22.1206689	-1.58E-01	184654165	184654288	NC_000001.10

cg10316141	3.32E-13	1.55E-14	-8.31	22.1191598	-1.35E-01	99068324	99068447	NC_000015.9
ch.22.17803970R	3.33E-13	1.55E-14	-8.31	22.1176158	-6.76E-02	19423970	19424093	NC_000022.10
cg03152385	3.33E-13	1.55E-14	-8.31	22.1171747	-8.35E-02	15188596	15188719	NC_000016.9
cg16215705	3.35E-13	1.56E-14	-8.31	22.1127313	-1.87E-01	7846669	7846792	NC_000004.11
cg11430718	3.35E-13	1.56E-14	-8.31	22.1123395	-8.30E-02	57113702	57113825	NC_000003.11
cg22664064	3.35E-13	1.56E-14	-8.31	22.1110761	-4.25E-02	152146702	152146825	NC_000002.11
cg07183060	3.35E-13	1.56E-14	-8.31	22.1099376	-4.00E-02	32288561	32288684	NC_000002.11
cg04669407	3.36E-13	1.57E-14	-8.31	22.1092277	-1.02E-01	148521450	148521573	NC_000005.9
ch.12.2586863F	3.36E-13	1.57E-14	-8.31	22.108924	-4.72E-02	123245624	123245747	NC_000012.11
cg13501090	3.36E-13	1.57E-14	-8.31	22.1086728	-6.16E-02	115212659	115212782	NC_000001.10
cg17524180	3.37E-13	1.57E-14	-8.31	22.1060204	-1.46E-01	113633600	113633723	NC_000013.10
cg26808293	3.38E-13	1.58E-14	-8.31	22.1013457	-6.35E-02	3072207	3072330	NC_000016.9
cg01451604	3.38E-13	1.58E-14	-8.31	22.1008899	-1.66E-01	80691791	80691914	NC_000010.10
cg02138953	3.39E-13	1.58E-14	-8.31	22.0992983	-1.86E-01	75666279	75666402	NC_000010.10
cg12703194	3.39E-13	1.58E-14	-8.31	22.0987159	-6.91E-02	3086867	3086990	NC_000016.9
cg14849262	3.39E-13	1.59E-14	-8.31	22.0970441	-6.90E-02	238767990	238768113	NC_000002.11
cg23805594	3.40E-13	1.59E-14	-8.31	22.0955317	-1.77E-01	221933302	221933425	NC_000001.10
cg27539746	3.42E-13	1.60E-14	-8.31	22.0894115	-6.54E-02	118764201	118764324	NC_000010.10
cg16477611	3.43E-13	1.60E-14	-8.31	22.0870604	-1.70E-01	50896074	50896197	NC_000016.9
cg12550600	3.43E-13	1.60E-14	-8.31	22.086498	-2.12E-01	1971169	1971292	NC_000007.13
cg04966972	3.43E-13	1.60E-14	-8.31	22.0848486	-1.23E-01	43374276	43374399	NC_000020.10
cg14530528	3.44E-13	1.61E-14	-8.31	22.0842428	-7.19E-02	32821814	32821937	NC_000006.11
cg00305740	3.45E-13	1.61E-14	-8.31	22.0816661	-2.20E-01	73392697	73392820	NC_000007.13
cg22109262	3.45E-13	1.61E-14	-8.31	22.0805736	-6.55E-02	17578738	17578861	NC_000004.11
cg09547190	3.45E-13	1.61E-14	-8.31	22.0795785	-1.11E-01	95857577	95857700	NC_000009.11

cg21155609	3.46E-13	1.62E-14	-8.31	22.0762165	-1.05E-01	32713275	32713398	NC_000001.10
cg03443887	3.47E-13	1.62E-14	-8.31	22.0755515	-5.73E-02	126138300	126138423	NC_000011.9
cg15764058	3.47E-13	1.62E-14	-8.31	22.0747043	-6.96E-02	66024691	66024814	NC_000003.11
cg16091981	3.47E-13	1.62E-14	-8.31	22.0736415	-1.52E-01	17634543	17634666	NC_000001.10
cg06919159	3.47E-13	1.62E-14	-8.31	22.0734019	-1.60E-01	80286535	80286658	NC_000005.9
cg24902461	3.48E-13	1.63E-14	-8.31	22.0724857	-1.67E-01	121031392	121031515	NC_000010.10
cg08248849	3.50E-13	1.64E-14	-8.31	22.0649541	-7.79E-02	65172195	65172318	NC_000014.8
cg14622879	3.51E-13	1.64E-14	-8.3	22.0623645	-2.12E-01	12234001	12234124	NC_000006.11
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cg06128161	3.52E-13	1.65E-14	-8.3	22.0578646	-1.45E-01	133000497	133000620	NC_000012.11
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cg09473249	3.54E-13	1.66E-14	-8.3	22.053714	-1.79E-01	16122741	16122864	NC_000016.9
cg09432376	3.55E-13	1.66E-14	-8.3	22.0507217	-2.10E-01	36044226	36044349	NC_000022.10
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cg19720347	3.56E-13	1.67E-14	-8.3	22.0471261	-4.42E-02	7024121	7024244	NC_000012.11
cg25202503	3.57E-13	1.67E-14	-8.3	22.0435307	-1.84E-01	111468250	111468373	NC_000013.10
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cg02958895	3.58E-13	1.68E-14	-8.3	22.0411505	-1.04E-01	46999348	46999471	NC_000001.10
cg10915772	3.59E-13	1.68E-14	-8.3	22.0371099	-2.98E-02	12610078	12610201	NC_000007.13
cg13525397	3.60E-13	1.69E-14	-8.3	22.0366439	-1.45E-01	31025933	31026056	NC_000006.11

cg03501666	3.60E-13	1.69E-14	-8.3	22.0363264	-1.88E-01	99264415	99264538	NC_000012.11
cg07434438	3.60E-13	1.69E-14	-8.3	22.0346233	-1.89E-01	72961899	72962022	NC_000016.9
cg07825294	3.60E-13	1.69E-14	-8.3	22.0341468	-1.44E-01	1415757	1415880	NC_000019.9
cg12944192	3.61E-13	1.69E-14	-8.3	22.0330847	-1.55E-01	35683834	35683957	NC_000014.8
cg13638983	3.61E-13	1.69E-14	-8.3	22.0326262	-1.46E-01	14619577	14619700	NC_000003.11
cg19069346	3.66E-13	1.72E-14	-8.3	22.0170035	-1.41E-01	41239214	41239337	NC_000021.8
cg03628186	3.67E-13	1.72E-14	-8.3	22.0158547	-6.21E-02	17739914	17740037	NC_000017.10
cg11783497	3.67E-13	1.72E-14	-8.3	22.0156613	-1.68E-01	113875292	113875415	NC_000002.11
cg09575280	3.67E-13	1.72E-14	-8.3	22.0146763	-7.18E-02	150347012	150347135	NC_000006.11
ch.5.754313F	3.67E-13	1.72E-14	-8.3	22.0146259	-4.75E-02	34829875	34829998	NC_000005.9
cg01414934	3.69E-13	1.73E-14	-8.3	22.0084856	-9.06E-02	26605969	26606092	NC_000001.10
cg18545695	3.71E-13	1.74E-14	-8.3	22.004321	-1.49E-01	69665987	69666110	NC_000008.10
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cg09636245	3.71E-13	1.74E-14	-8.3	22.0032379	-1.86E-01	7699330	7699453	NC_000011.9
cg23400169	3.72E-13	1.75E-14	-8.29	21.9997999	-1.63E-01	18611395	18611518	NC_000008.10
cg19512969	3.72E-13	1.75E-14	-8.29	21.9997756	-1.96E-01	62014016	62014139	NC_000014.8
cg01403010	3.74E-13	1.76E-14	-8.29	21.9961578	-1.38E-01	38609534	38609657	NC_000022.10
cg09566023	3.74E-13	1.76E-14	-8.29	21.9951526	-1.60E-01	48970898	48971021	NC_000004.11
cg21908886	3.74E-13	1.76E-14	-8.29	21.9949175	-1.61E-01	166039444	166039567	NC_000001.10
cg23052826	3.74E-13	1.76E-14	-8.29	21.9943187	-1.31E-01	232479675	232479798	NC_000002.11
cg15394763	3.75E-13	1.76E-14	-8.29	21.9935161	-6.65E-02	77054788	77054911	NC_000010.10
cg12223253	3.75E-13	1.76E-14	-8.29	21.9931407	-8.96E-02	110841967	110842090	NC_000012.11
cg22917372	3.78E-13	1.78E-14	-8.29	21.983049	-1.37E-01	122186536	122186659	NC_000012.11
cg06943912	3.79E-13	1.78E-14	-8.29	21.9819622	-2.15E-01	10715612	10715735	NC_000019.9
cg19553158	3.79E-13	1.78E-14	-8.29	21.9809072	-1.49E-01	10233247	10233370	NC_000003.11

cg10904867	3.79E-13	1.78E-14	-8.29	21.980386	-1.48E-01	119218027	119218150	NC_000011.9
cg06654127	3.80E-13	1.79E-14	-8.29	21.9789871	-1.63E-01	41395230	41395353	NC_000006.11
cg04704449	3.80E-13	1.79E-14	-8.29	21.9787561	-1.01E-01	33738291	33738414	NC_000006.11
cg13014333	3.80E-13	1.79E-14	-8.29	21.9782176	-4.56E-02	31762776	31762899	NC_000006.11
cg19511435	3.80E-13	1.79E-14	-8.29	21.9780332	-3.25E-02	94595985	94596108	NC_000014.8
cg15985338	3.81E-13	1.79E-14	-8.29	21.9764821	-5.95E-02	6048868	6048991	NC_000007.13
cg05671732	3.82E-13	1.80E-14	-8.29	21.9738371	-4.79E-02	70716866	70716989	NC_000010.10
cg21166775	3.82E-13	1.80E-14	-8.29	21.9735878	-1.24E-01	48152204	48152327	NC_000012.11
cg00702647	3.82E-13	1.80E-14	-8.29	21.9735417	-1.88E-01	15655764	15655887	NC_000001.10
cg17069873	3.82E-13	1.80E-14	-8.29	21.9729654	-1.39E-01	40732784	40732907	NC_000019.9
cg21621482	3.83E-13	1.80E-14	-8.29	21.9692442	-1.08E-01	79228937	79229060	NC_000017.10
cg23705155	3.84E-13	1.81E-14	-8.29	21.9680048	-1.86E-01	32835962	32836085	NC_000013.10
cg21689902	3.85E-13	1.81E-14	-8.29	21.965739	-1.89E-01	123984775	123984898	NC_000011.9
cg06431864	3.85E-13	1.81E-14	-8.29	21.9644552	-1.72E-01	179868587	179868710	NC_000005.9
cg20683057	3.86E-13	1.82E-14	-8.29	21.9628588	-1.22E-01	40054124	40054247	NC_000022.10
ch.1.93382935F	3.86E-13	1.82E-14	-8.29	21.9615809	-6.28E-02	93610347	93610470	NC_000001.10
cg18002896	3.86E-13	1.82E-14	-8.29	21.9607112	-4.90E-02	144465845	144465968	NC_000008.10
cg06396724	3.88E-13	1.83E-14	-8.29	21.9557965	-9.38E-02	61188239	61188362	NC_000014.8
cg00145118	3.89E-13	1.83E-14	-8.29	21.9534104	-1.26E-01	141393931	141394054	NC_000005.9
cg09500672	3.90E-13	1.84E-14	-8.29	21.9509061	-5.67E-02	150186706	150186829	NC_000002.11
cg17086219	3.91E-13	1.84E-14	-8.29	21.9494305	-7.66E-02	71250854	71250977	NC_000002.11
cg00948520	3.92E-13	1.84E-14	-8.29	21.9472114	-2.08E-01	4000652	4000775	NC_000016.9
cg03020863	3.92E-13	1.85E-14	-8.29	21.9470897	-1.30E-01	104005644	104005767	NC_000011.9
cg11629955	3.92E-13	1.85E-14	-8.29	21.9461542	-1.81E-01	126679199	126679322	NC_000003.11
ch.15.1310449F	3.93E-13	1.85E-14	-8.29	21.9443727	-3.12E-02	79183823	79183946	NC_000015.9



cg14760797	3.93E-13	1.85E-14	-8.29	21.9439527	-2.08E-01	753199	753322	NC_000012.11
cg23543396	3.93E-13	1.85E-14	-8.29	21.9438854	-6.26E-02	28591431	28591554	NC_000010.10
cg11208869	3.93E-13	1.85E-14	-8.29	21.9433152	-1.54E-01	153667063	153667186	NC_000005.9
cg02235659	3.94E-13	1.86E-14	-8.29	21.9415448	-1.38E-01	45066580	45066703	NC_000003.11
cg02978544	3.94E-13	1.86E-14	-8.28	21.9400913	-1.50E-01	19716338	19716461	NC_000016.9
cg07586042	3.95E-13	1.86E-14	-8.28	21.9388316	-8.30E-02	3692495	3692618	NC_000001.10
cg04290779	3.95E-13	1.86E-14	-8.28	21.9387534	-1.46E-01	41962067	41962190	NC_000001.10
ch.19.24042144R	3.95E-13	1.86E-14	-8.28	21.9373196	-2.77E-02	24250304	24250427	NC_000019.9
cg06705366	3.95E-13	1.86E-14	-8.28	21.9368918	-8.17E-02	74162621	74162744	NC_000005.9
cg25376491	3.95E-13	1.87E-14	-8.28	21.9364379	-2.09E-01	179192524	179192647	NC_000005.9
cg13586420	3.95E-13	1.87E-14	-8.28	21.936347	-5.12E-02	33160262	33160385	NC_000006.11
cg09573585	3.96E-13	1.87E-14	-8.28	21.9351105	-1.32E-01	88728128	88728251	NC_000010.10
cg00852846	3.96E-13	1.87E-14	-8.28	21.9341868	-1.73E-01	85664713	85664836	NC_000002.11
cg23621463	3.96E-13	1.87E-14	-8.28	21.9340427	-1.17E-01	11600100	11600223	NC_000003.11
cg16217610	3.96E-13	1.87E-14	-8.28	21.9337149	-4.44E-02	108746323	108746446	NC_000004.11
cg27289463	3.98E-13	1.88E-14	-8.28	21.9305847	-1.64E-01	110649234	110649357	NC_000011.9
cg07031551	3.99E-13	1.88E-14	-8.28	21.9265588	-5.31E-02	72463331	72463454	NC_000011.9
cg14660676	4.00E-13	1.89E-14	-8.28	21.9255089	-2.02E-01	126012434	126012557	NC_000008.10
cg09044296	4.00E-13	1.89E-14	-8.28	21.9244927	-1.23E-01	176739296	176739419	NC_000005.9
cg16238523	4.01E-13	1.89E-14	-8.28	21.9224177	-9.15E-02	49395303	49395426	NC_000003.11
cg07440414	4.01E-13	1.89E-14	-8.28	21.9215104	-4.79E-02	133451021	133451144	NC_000005.9
ch.9.129616782F	4.01E-13	1.89E-14	-8.28	21.9213355	-4.33E-02	130576961	130577084	NC_000009.11
cg02952361	4.04E-13	1.91E-14	-8.28	21.9149561	-5.86E-02	36355661	36355784	NC_000006.11
cg21136371	4.04E-13	1.91E-14	-8.28	21.912761	-1.22E-01	1991065	1991188	NC_000011.9
cg13680337	4.04E-13	1.91E-14	-8.28	21.9126068	-1.36E-01	71626580	71626703	NC_000010.10

cg01651169	4.07E-13	1.92E-14	-8.28	21.9070413	-1.00E-01	98960493	98960616	NC_000007.13
cg08597019	4.07E-13	1.92E-14	-8.28	21.9056292	-2.22E-01	89900495	89900618	NC_000016.9
cg24525763	4.08E-13	1.93E-14	-8.28	21.9046099	-5.43E-02	135075002	135075125	NC_000010.10
ch.7.135065R	4.08E-13	1.93E-14	-8.28	21.9034086	-9.27E-02	2696746	2696869	NC_000007.13
cg02611675	4.09E-13	1.93E-14	-8.28	21.9023452	-6.62E-02	23908273	23908396	NC_000022.10
ch.1.2604911R	4.10E-13	1.94E-14	-8.28	21.8987541	-6.19E-02	110900694	110900817	NC_000001.10
ch.6.609614F	4.10E-13	1.94E-14	-8.28	21.8980957	-7.08E-02	24693000	24693123	NC_000006.11
cg15354666	4.11E-13	1.94E-14	-8.28	21.8955484	-6.22E-02	236044927	236045050	NC_000002.11
cg27583038	4.11E-13	1.95E-14	-8.28	21.89499	-6.70E-02	234735904	234736027	NC_000001.10
cg01377911	4.12E-13	1.95E-14	-8.28	21.8942684	-1.09E-01	49568036	49568159	NC_000019.9
cg20444381	4.12E-13	1.95E-14	-8.28	21.8936313	-6.51E-02	109456000	109456123	NC_000008.10
cg24024833	4.12E-13	1.95E-14	-8.28	21.8930962	-1.14E-01	1892608	1892731	NC_000011.9
cg06745511	4.12E-13	1.95E-14	-8.28	21.8924094	-1.08E-01	10585774	10585897	NC_000004.11
cg26631454	4.13E-13	1.95E-14	-8.28	21.8914708	-1.72E-01	114065669	114065792	NC_000013.10
cg23465978	4.13E-13	1.95E-14	-8.28	21.8906088	-2.08E-01	131330293	131330416	NC_000010.10
cg00172872	4.13E-13	1.95E-14	-8.28	21.8902609	-2.00E-01	89461426	89461549	NC_000012.11
cg07265541	4.13E-13	1.96E-14	-8.28	21.8895718	-1.66E-01	159071008	159071131	NC_000006.11
cg13920768	4.15E-13	1.96E-14	-8.28	21.886812	-6.15E-02	133557644	133557767	NC_000009.11
cg00850453	4.15E-13	1.96E-14	-8.28	21.8866417	-5.75E-02	12726919	12727042	NC_000007.13
cg24062389	4.15E-13	1.96E-14	-8.28	21.8864475	-1.84E-01	103478447	103478570	NC_000013.10
cg20214067	4.16E-13	1.97E-14	-8.28	21.8823253	-2.02E-01	133065776	133065899	NC_000012.11
cg25473438	4.17E-13	1.97E-14	-8.28	21.8813318	-1.33E-01	41169049	41169172	NC_000006.11
cg04225554	4.18E-13	1.98E-14	-8.27	21.8771764	-1.06E-01	135082008	135082131	NC_000010.10
cg08508455	4.19E-13	1.98E-14	-8.27	21.8764904	-1.59E-01	470429	470552	NC_000011.9
cg08827700	4.19E-13	1.98E-14	-8.27	21.8764386	-1.70E-01	2925969	2926092	NC_000011.9

cg16214492	4.19E-13	1.98E-14	-8.27	21.8752419	-1.18E-01	76128676	76128799	NC_000017.10
cg12699599	4.19E-13	1.99E-14	-8.27	21.8748628	-9.18E-02	40643142	40643265	NC_000015.9
cg12080687	4.20E-13	1.99E-14	-8.27	21.8736996	-1.83E-01	47063626	47063749	NC_000002.11
cg14010720	4.22E-13	2.00E-14	-8.27	21.8681216	-1.24E-01	62168878	62169001	NC_000020.10
cg18723553	4.22E-13	2.00E-14	-8.27	21.8681148	-1.56E-01	32160909	32161032	NC_000006.11
cg06971353	4.22E-13	2.00E-14	-8.27	21.8676298	-6.53E-02	77867044	77867167	NC_000018.9
cg04179819	4.22E-13	2.00E-14	-8.27	21.8672227	-7.15E-02	7860513	7860636	NC_000010.10
cg20477160	4.22E-13	2.00E-14	-8.27	21.8671108	-2.07E-01	235936596	235936719	NC_000002.11
cg03621406	4.22E-13	2.00E-14	-8.27	21.8668798	-8.13E-02	9930365	9930488	NC_000019.9
cg25866173	4.23E-13	2.00E-14	-8.27	21.8661726	-8.98E-02	105615767	105615890	NC_000010.10
cg24489237	4.23E-13	2.00E-14	-8.27	21.8657245	-6.88E-02	164529170	164529293	NC_000001.10
cg10590925	4.23E-13	2.01E-14	-8.27	21.8644077	-1.67E-01	1463620	1463743	NC_000011.9
cg10104252	4.24E-13	2.01E-14	-8.27	21.8637254	-1.96E-01	3563899	3564022	NC_000012.11
cg05905844	4.25E-13	2.01E-14	-8.27	21.8610674	-1.51E-01	136280002	136280125	NC_000007.13
cg22885777	4.25E-13	2.01E-14	-8.27	21.8603199	-7.34E-02	15947555	15947678	NC_000019.9
cg23957643	4.25E-13	2.02E-14	-8.27	21.8594086	-1.73E-01	110305591	110305714	NC_000001.10
cg18648932	4.26E-13	2.02E-14	-8.27	21.8577538	-1.13E-01	131553741	131553864	NC_000012.11
cg04551092	4.26E-13	2.02E-14	-8.27	21.8572834	-4.75E-02	89237573	89237696	NC_000016.9
cg09282946	4.26E-13	2.02E-14	-8.27	21.8569943	-1.47E-01	43551751	43551874	NC_000022.10
cg18202205	4.27E-13	2.02E-14	-8.27	21.8556742	-1.53E-01	40958639	40958762	NC_000007.13
cg16851482	4.27E-13	2.03E-14	-8.27	21.8547325	-1.59E-01	6955953	6956076	NC_000004.11
cg27183030	4.29E-13	2.03E-14	-8.27	21.8509281	-1.74E-01	99595458	99595581	NC_000007.13
cg11195298	4.29E-13	2.03E-14	-8.27	21.8504303	-9.32E-02	93630456	93630579	NC_000015.9
ch.10.344997F	4.30E-13	2.04E-14	-8.27	21.8476363	-6.19E-02	12216551	12216674	NC_000010.10
cg14063182	4.30E-13	2.04E-14	-8.27	21.8474207	-6.42E-02	4682116	4682239	NC_000007.13

cg25601661	4.31E-13	2.04E-14	-8.27	21.8465754	-6.78E-02	72525334	72525457	NC_000011.9
cg04722643	4.31E-13	2.04E-14	-8.27	21.8458191	-1.86E-01	80289500	80289623	NC_000017.10
cg16497945	4.32E-13	2.05E-14	-8.27	21.8431918	-1.91E-01	70147094	70147217	NC_000015.9
cg04088338	4.33E-13	2.05E-14	-8.27	21.8412176	-1.51E-01	58187171	58187294	NC_000005.9
cg06460511	4.34E-13	2.06E-14	-8.27	21.8378314	-5.30E-02	144653944	144654067	NC_000008.10
cg07520919	4.34E-13	2.06E-14	-8.27	21.8373527	-1.48E-01	160721435	160721558	NC_000006.11
cg16306870	4.35E-13	2.06E-14	-8.27	21.836304	-2.30E-01	194868790	194868913	NC_000003.11
cg00836662	4.35E-13	2.07E-14	-8.27	21.8349594	-6.68E-02	100844445	100844568	NC_000007.13
cg20777796	4.36E-13	2.07E-14	-8.27	21.834299	-2.57E-01	1980117	1980240	NC_000007.13
cg03323793	4.36E-13	2.07E-14	-8.27	21.8322619	-1.47E-01	151548111	151548234	NC_000007.13
cg08779305	4.37E-13	2.07E-14	-8.27	21.83183	-4.19E-02	14380039	14380162	NC_000016.9
cg13785223	4.37E-13	2.08E-14	-8.27	21.8305072	-1.85E-01	114905788	114905911	NC_000013.10
cg18015534	4.37E-13	2.08E-14	-8.27	21.8299148	-1.75E-01	119993934	119994057	NC_000011.9
cg14077270	4.37E-13	2.08E-14	-8.27	21.8298694	-4.46E-02	45879818	45879941	NC_000015.9
cg22545138	4.39E-13	2.09E-14	-8.27	21.8259607	-1.11E-01	23510005	23510128	NC_000007.13
cg22076676	4.39E-13	2.09E-14	-8.27	21.825604	-1.31E-01	43503935	43504058	NC_000002.11
cg15350899	4.41E-13	2.10E-14	-8.27	21.8214105	-1.43E-01	118781763	118781886	NC_000011.9
cg04764812	4.41E-13	2.10E-14	-8.27	21.8204516	-1.46E-01	76582315	76582438	NC_000010.10
cg12760479	4.42E-13	2.10E-14	-8.27	21.8179354	-6.91E-02	50323140	50323263	NC_000022.10
ch.12.2583928F	4.43E-13	2.11E-14	-8.26	21.8165373	-6.06E-02	123160012	123160135	NC_000012.11
cg05228377	4.43E-13	2.11E-14	-8.26	21.8154364	-1.19E-01	27384293	27384416	NC_000011.9
cg08172221	4.44E-13	2.11E-14	-8.26	21.8147446	-2.98E-02	233416078	233416201	NC_000002.11
cg08657247	4.44E-13	2.11E-14	-8.26	21.8137276	-1.19E-01	27279763	27279886	NC_000017.10
cg17298403	4.44E-13	2.11E-14	-8.26	21.813658	-7.63E-02	15218155	15218278	NC_000019.9
cg22628512	4.45E-13	2.12E-14	-8.26	21.8120577	-1.92E-01	200348658	200348781	NC_000001.10

cg10902850	4.45E-13	2.12E-14	-8.26	21.8112785	-2.21E-01	106447444	106447567	NC_000003.11
cg06121469	4.46E-13	2.12E-14	-8.26	21.8091567	-9.76E-02	44956098	44956221	NC_000015.9
cg21552081	4.46E-13	2.12E-14	-8.26	21.8086703	-1.24E-01	60688411	60688534	NC_000002.11
cg17015704	4.46E-13	2.12E-14	-8.26	21.8084241	-6.00E-02	119400380	119400503	NC_000006.11
cg03045323	4.46E-13	2.12E-14	-8.26	21.8083214	-9.32E-02	11484448	11484571	NC_000019.9
cg01053766	4.48E-13	2.13E-14	-8.26	21.8053292	-1.39E-01	10479730	10479853	NC_000005.9
cg13086586	4.48E-13	2.13E-14	-8.26	21.8048469	-8.42E-02	57303149	57303272	NC_000004.11
cg20289045	4.48E-13	2.13E-14	-8.26	21.8037634	-2.01E-01	94270260	94270383	NC_000011.9
cg21943938	4.48E-13	2.13E-14	-8.26	21.8031608	-5.51E-02	90198832	90198955	NC_000015.9
cg24724917	4.49E-13	2.14E-14	-8.26	21.8013981	-1.65E-01	2925439	2925562	NC_000011.9
cg12738349	4.50E-13	2.14E-14	-8.26	21.8004698	-6.57E-02	24236284	24236407	NC_000022.10
cg16402443	4.50E-13	2.14E-14	-8.26	21.7995558	-7.83E-02	2598526	2598649	NC_000007.13
cg13864868	4.50E-13	2.14E-14	-8.26	21.7993841	-1.11E-01	95820799	95820922	NC_000009.11
cg15077012	4.53E-13	2.16E-14	-8.26	21.7932787	-6.52E-02	99400394	99400517	NC_000010.10
cg15423853	4.54E-13	2.16E-14	-8.26	21.7910384	-6.68E-02	11323943	11324066	NC_000012.11
cg09232358	4.54E-13	2.16E-14	-8.26	21.7907424	-2.13E-01	23015657	23015780	NC_000014.8
cg07011163	4.54E-13	2.16E-14	-8.26	21.7905703	-1.31E-01	6947325	6947448	NC_000017.10
cg18736676	4.55E-13	2.17E-14	-8.26	21.7872579	-1.74E-01	109053447	109053570	NC_000006.11
cg23484380	4.55E-13	2.17E-14	-8.26	21.7871917	-1.60E-01	31560776	31560899	NC_000006.11
cg09292873	4.56E-13	2.17E-14	-8.26	21.7862793	-5.89E-02	111683347	111683470	NC_000010.10
cg14774288	4.56E-13	2.17E-14	-8.26	21.7852753	-6.62E-02	30669556	30669679	NC_000008.10
cg18181703	4.57E-13	2.18E-14	-8.26	21.7835773	-1.27E-01	76354621	76354744	NC_000017.10
ch.15.68126615R	4.59E-13	2.19E-14	-8.26	21.7782087	-6.35E-02	70339561	70339684	NC_000015.9
cg25420298	4.60E-13	2.19E-14	-8.26	21.7761781	-7.54E-02	11456894	11457017	NC_000019.9
cg19618955	4.62E-13	2.20E-14	-8.26	21.7717661	-6.43E-02	175209865	175209988	NC_000002.11

cg03628441	4.63E-13	2.21E-14	-8.26	21.7689528	-1.74E-01	40337411	40337534	NC_000017.10
cg21530174	4.66E-13	2.22E-14	-8.26	21.7633511	-6.90E-02	151031796	151031919	NC_000005.9
cg10449466	4.68E-13	2.23E-14	-8.26	21.7589682	-1.57E-01	16505650	16505773	NC_000012.11
cg05668043	4.68E-13	2.24E-14	-8.26	21.7574275	-4.54E-02	84733982	84734105	NC_000016.9
cg05950943	4.69E-13	2.24E-14	-8.25	21.7554159	-1.37E-01	2520971	2521094	NC_000016.9
cg15429888	4.69E-13	2.24E-14	-8.25	21.7552815	-1.39E-01	66742827	66742950	NC_000011.9
cg11848254	4.70E-13	2.24E-14	-8.25	21.7534702	-1.43E-01	134939464	134939587	NC_000007.13
cg02707357	4.72E-13	2.25E-14	-8.25	21.7503849	-1.46E-01	28483997	28484120	NC_000008.10
cg23696214	4.72E-13	2.25E-14	-8.25	21.7499742	-1.51E-01	141136170	141136293	NC_000007.13
cg14372245	4.72E-13	2.26E-14	-8.25	21.748968	-1.83E-01	97683653	97683776	NC_000009.11
cg24530728	4.73E-13	2.26E-14	-8.25	21.7476033	-1.40E-01	224759763	224759886	NC_000001.10
cg14695751	4.73E-13	2.26E-14	-8.25	21.747291	-1.59E-01	202671292	202671415	NC_000002.11
cg08636385	4.73E-13	2.26E-14	-8.25	21.7469648	-1.91E-01	71816668	71816791	NC_000006.11
cg19923393	4.73E-13	2.26E-14	-8.25	21.7465891	-1.07E-01	7252587	7252710	NC_000004.11
cg11253886	4.74E-13	2.26E-14	-8.25	21.7456049	-1.36E-01	47039669	47039792	NC_000002.11
cg03089940	4.74E-13	2.26E-14	-8.25	21.7450358	-1.38E-01	21767146	21767269	NC_000008.10
cg21187068	4.74E-13	2.26E-14	-8.25	21.7450008	-1.65E-01	144659627	144659750	NC_000008.10
cg10643916	4.74E-13	2.27E-14	-8.25	21.7443754	-8.12E-02	69754609	69754732	NC_000015.9
cg27059228	4.74E-13	2.27E-14	-8.25	21.7440793	-1.69E-01	89545813	89545936	NC_000015.9
cg07563033	4.75E-13	2.27E-14	-8.25	21.7418423	-1.72E-01	73717790	73717913	NC_000003.11
cg24012756	4.76E-13	2.27E-14	-8.25	21.7406849	-5.66E-02	11761015	11761138	NC_000003.11
cg07952815	4.76E-13	2.27E-14	-8.25	21.7405953	-1.62E-01	104073479	104073602	NC_000014.8
cg24535475	4.76E-13	2.28E-14	-8.25	21.7400065	-1.60E-01	7167900	7168023	NC_000012.11
cg25580254	4.77E-13	2.28E-14	-8.25	21.7380106	-7.12E-02	8088937	8089060	NC_000012.11
cg14209064	4.78E-13	2.29E-14	-8.25	21.7352173	-9.50E-02	135724695	135724818	NC_000009.11

cg23124755	4.79E-13	2.29E-14	-8.25	21.7334088	-3.72E-02	33447476	33447599	NC_000009.11
cg24527881	4.79E-13	2.29E-14	-8.25	21.7328486	-2.09E-01	45187630	45187753	NC_000001.10
cg21629394	4.80E-13	2.29E-14	-8.25	21.7323215	-7.99E-02	138739270	138739393	NC_000005.9
cg15474337	4.80E-13	2.29E-14	-8.25	21.7318447	-2.09E-01	50848247	50848370	NC_000019.9
ch.16.2085963R	4.80E-13	2.30E-14	-8.25	21.7311113	-5.39E-02	87763908	87764031	NC_000016.9
cg01294686	4.82E-13	2.30E-14	-8.25	21.7282168	-9.92E-02	26606093	26606216	NC_000001.10
cg10391212	4.82E-13	2.31E-14	-8.25	21.7272322	-6.64E-02	47840136	47840259	NC_000004.11
cg02638589	4.82E-13	2.31E-14	-8.25	21.7269433	-1.19E-01	72477069	72477192	NC_000015.9
cg00700485	4.84E-13	2.31E-14	-8.25	21.7230807	-5.83E-02	44098223	44098346	NC_000020.10
cg02965295	4.85E-13	2.32E-14	-8.25	21.7213336	-1.94E-01	197944718	197944841	NC_000002.11
cg07051684	4.85E-13	2.32E-14	-8.25	21.7193622	-1.19E-01	18346502	18346625	NC_000019.9
cg21591452	4.86E-13	2.32E-14	-8.25	21.7190501	-1.81E-01	79304628	79304751	NC_000017.10
cg27505627	4.86E-13	2.33E-14	-8.25	21.7187403	-1.99E-01	38506589	38506712	NC_000022.10
cg25512791	4.86E-13	2.33E-14	-8.25	21.717658	-1.05E-01	56949074	56949197	NC_000011.9
cg02153286	4.86E-13	2.33E-14	-8.25	21.7174597	-1.88E-01	436928	437051	NC_000006.11
cg15503752	4.88E-13	2.34E-14	-8.25	21.7143798	-1.90E-01	74639731	74639854	NC_000017.10
cg25545917	4.88E-13	2.34E-14	-8.25	21.7131685	-1.20E-01	1550349	1550472	NC_000004.11
cg16021018	4.90E-13	2.35E-14	-8.25	21.7097626	-1.64E-01	46449313	46449436	NC_000003.11
cg09363892	4.90E-13	2.35E-14	-8.25	21.7089488	-7.91E-02	954619	954742	NC_000001.10
cg02566391	4.90E-13	2.35E-14	-8.25	21.7087484	-2.26E-01	67805528	67805651	NC_000001.10
cg08423149	4.90E-13	2.35E-14	-8.25	21.7086311	-6.28E-02	5013451	5013574	NC_000007.13
cg16862624	4.91E-13	2.35E-14	-8.25	21.7069306	-4.52E-02	56976039	56976162	NC_000018.9
cg14578677	4.92E-13	2.35E-14	-8.25	21.7061942	-2.02E-01	38859770	38859893	NC_000004.11
cg14042056	4.92E-13	2.36E-14	-8.25	21.7061564	-4.39E-02	145064193	145064316	NC_000008.10
cg03160740	4.92E-13	2.36E-14	-8.25	21.7061054	-3.99E-02	42544400	42544523	NC_000003.11

cg26035201	4.93E-13	2.36E-14	-8.25	21.7036487	-1.97E-01	1607146	1607269	NC_000007.13
cg17393917	4.93E-13	2.36E-14	-8.25	21.7030754	-1.85E-01	106533840	106533963	NC_000012.11
cg07467323	4.93E-13	2.36E-14	-8.25	21.7021691	-7.44E-02	65134028	65134151	NC_000015.9
cg03862760	4.94E-13	2.37E-14	-8.25	21.7003939	-7.02E-02	1609483	1609606	NC_000007.13
cg18853435	4.95E-13	2.37E-14	-8.25	21.6990675	-3.30E-02	219263149	219263272	NC_000002.11
cg22461324	4.95E-13	2.37E-14	-8.25	21.6983447	-1.72E-01	155252944	155253067	NC_000007.13
cg18555142	4.96E-13	2.38E-14	-8.25	21.6973274	-1.48E-01	155133222	155133345	NC_000007.13
cg02352181	4.96E-13	2.38E-14	-8.25	21.6964809	-1.38E-01	74058083	74058206	NC_000002.11
cg19194454	4.96E-13	2.38E-14	-8.25	21.6963342	-3.92E-02	69760878	69761001	NC_000016.9
cg20448748	4.97E-13	2.38E-14	-8.24	21.6943679	-7.40E-02	31091392	31091515	NC_000014.8
cg11854007	4.97E-13	2.38E-14	-8.24	21.6942118	-1.19E-01	31781697	31781820	NC_000020.10
cg09942743	4.97E-13	2.39E-14	-8.24	21.693357	-1.62E-01	29532008	29532131	NC_000002.11
cg24534258	4.97E-13	2.39E-14	-8.24	21.6927533	-1.41E-01	116674019	116674142	NC_000006.11
ch.1.897769F	4.98E-13	2.39E-14	-8.24	21.6920859	-5.68E-02	27220448	27220571	NC_000001.10
cg05592245	4.98E-13	2.39E-14	-8.24	21.6920225	-1.80E-01	65280473	65280596	NC_000010.10
cg14904363	4.98E-13	2.39E-14	-8.24	21.6916403	-1.26E-01	43032587	43032710	NC_000019.9
cg21454362	4.99E-13	2.39E-14	-8.24	21.6902989	-1.90E-01	2609875	2609998	NC_000007.13
cg18284523	5.00E-13	2.40E-14	-8.24	21.6870676	-4.77E-02	24711562	24711685	NC_000014.8
cg02152631	5.00E-13	2.40E-14	-8.24	21.6867231	-1.78E-01	29133647	29133770	NC_000008.10
cg09140531	5.04E-13	2.42E-14	-8.24	21.67969	-1.61E-01	48078914	48079037	NC_000006.11
cg21937887	5.04E-13	2.42E-14	-8.24	21.6788084	-8.06E-02	132765062	132765185	NC_000002.11
cg15415160	5.05E-13	2.42E-14	-8.24	21.6775603	-3.91E-02	26569060	26569183	NC_000002.11
cg19223579	5.05E-13	2.43E-14	-8.24	21.6769152	-1.69E-01	115370894	115371017	NC_000010.10
cg02645563	5.05E-13	2.43E-14	-8.24	21.6768525	-1.47E-01	54610102	54610225	NC_000012.11
cg17767319	5.05E-13	2.43E-14	-8.24	21.6764021	-5.81E-02	121124020	121124143	NC_000012.11



cg04105091	5.07E-13	2.44E-14	-8.24	21.6719942	-8.83E-02	32121355	32121478	NC_000006.11
cg20069718	5.08E-13	2.44E-14	-8.24	21.669895	-1.91E-01	50898249	50898372	NC_000012.11
cg09946832	5.08E-13	2.44E-14	-8.24	21.6697724	-9.97E-02	143690524	143690647	NC_000008.10
cg13904520	5.09E-13	2.44E-14	-8.24	21.6692725	-1.96E-01	160783054	160783177	NC_000001.10
cg02635869	5.10E-13	2.45E-14	-8.24	21.6671881	-5.51E-02	36262100	36262223	NC_000021.8
cg23112821	5.11E-13	2.46E-14	-8.24	21.6641388	-1.71E-01	100658902	100659025	NC_000014.8
cg17827670	5.11E-13	2.46E-14	-8.24	21.6635921	-8.93E-02	129008130	129008253	NC_000007.13
cg21172011	5.13E-13	2.46E-14	-8.24	21.6611941	-1.61E-01	36577638	36577761	NC_000021.8
ch.2.10906491R	5.13E-13	2.47E-14	-8.24	21.6607508	-4.37E-02	10989040	10989163	NC_000002.11
cg20567355	5.15E-13	2.47E-14	-8.24	21.6572269	-1.76E-01	52754434	52754557	NC_000008.10
cg20701977	5.15E-13	2.48E-14	-8.24	21.6567727	-9.29E-02	180644504	180644627	NC_000005.9
cg21699894	5.15E-13	2.48E-14	-8.24	21.6566267	-1.16E-01	42545443	42545566	NC_000020.10
cg01944226	5.15E-13	2.48E-14	-8.24	21.6555542	-2.00E-01	80188056	80188179	NC_000017.10
cg17360854	5.15E-13	2.48E-14	-8.24	21.655286	-2.03E-01	161224771	161224894	NC_000002.11
cg18525352	5.15E-13	2.48E-14	-8.24	21.6551895	-2.00E-01	106533867	106533990	NC_000012.11
cg24251135	5.16E-13	2.48E-14	-8.24	21.6549342	-1.51E-01	144109657	144109780	NC_000004.11
cg16339434	5.16E-13	2.48E-14	-8.24	21.6545122	-1.88E-01	2286788	2286911	NC_000011.9
cg17941846	5.16E-13	2.48E-14	-8.24	21.6539764	-3.76E-02	219264013	219264136	NC_000002.11
cg18033628	5.16E-13	2.48E-14	-8.24	21.6535898	-1.14E-01	17655229	17655352	NC_000017.10
cg09331409	5.16E-13	2.48E-14	-8.24	21.6533054	-1.49E-01	75315116	75315239	NC_000011.9
cg10858909	5.17E-13	2.49E-14	-8.24	21.6515999	-7.10E-02	99850288	99850411	NC_000004.11
cg05042708	5.17E-13	2.49E-14	-8.24	21.6513661	-1.27E-01	105212813	105212936	NC_000010.10
cg09037025	5.18E-13	2.49E-14	-8.24	21.6500698	-7.69E-02	27745785	27745908	NC_000013.10
cg14912727	5.19E-13	2.50E-14	-8.24	21.6476253	-6.57E-02	36916005	36916128	NC_000001.10
cg20593868	5.19E-13	2.50E-14	-8.24	21.647285	-6.82E-02	62588672	62588795	NC_000020.10

cg16198990	5.19E-13	2.50E-14	-8.24	21.6470408	-1.00E-01	151647133	151647256	NC_000006.11
cg12869362	5.20E-13	2.50E-14	-8.24	21.6464988	-7.90E-02	21369411	21369534	NC_000022.10
cg17947461	5.20E-13	2.50E-14	-8.24	21.6452738	-7.04E-02	87797169	87797292	NC_000001.10
cg21791662	5.21E-13	2.51E-14	-8.24	21.6443092	-1.58E-01	121625208	121625331	NC_000002.11
cg01034754	5.22E-13	2.51E-14	-8.24	21.6418926	-1.75E-01	30720817	30720940	NC_000010.10
cg21800400	5.22E-13	2.52E-14	-8.24	21.6412232	-1.16E-01	42845622	42845745	NC_000013.10
cg14658948	5.22E-13	2.52E-14	-8.24	21.6409335	-7.63E-02	31708287	31708410	NC_000006.11
cg17942750	5.23E-13	2.52E-14	-8.24	21.6404254	-2.35E-01	140683527	140683650	NC_000009.11
cg01481784	5.23E-13	2.52E-14	-8.24	21.6402165	-6.87E-02	161369725	161369848	NC_000001.10
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cg22561329	5.27E-13	2.54E-14	-8.23	21.6319279	-1.06E-01	57346735	57346858	NC_000019.9
cg02397720	5.27E-13	2.54E-14	-8.23	21.6311028	-2.56E-01	238512407	238512530	NC_000002.11
cg03521656	5.28E-13	2.55E-14	-8.23	21.6287922	-2.82E-02	19422243	19422366	NC_000016.9
cg06901893	5.29E-13	2.55E-14	-8.23	21.6281862	-1.62E-01	73400692	73400815	NC_000007.13
cg24406917	5.30E-13	2.55E-14	-8.23	21.625723	-9.40E-02	25507612	25507735	NC_000022.10
cg13710297	5.31E-13	2.56E-14	-8.23	21.6243055	-2.08E-01	55752980	55753103	NC_000003.11
cg10920297	5.31E-13	2.56E-14	-8.23	21.6231292	-1.51E-01	94803188	94803311	NC_000011.9
cg17436946	5.31E-13	2.56E-14	-8.23	21.6229691	-6.27E-02	39699568	39699691	NC_000004.11
cg12573119	5.32E-13	2.56E-14	-8.23	21.622171	-7.35E-02	78977690	78977813	NC_000004.11
cg22160267	5.32E-13	2.57E-14	-8.23	21.6211213	-1.39E-01	16181372	16181495	NC_000019.9
cg13857354	5.34E-13	2.58E-14	-8.23	21.6175787	-1.60E-01	241519705	241519828	NC_000002.11
cg11453058	5.34E-13	2.58E-14	-8.23	21.6167607	-8.88E-02	14064176	14064299	NC_000019.9
cg11600734	5.34E-13	2.58E-14	-8.23	21.6165752	-1.60E-01	4794020	4794143	NC_000003.11
cg26433838	5.34E-13	2.58E-14	-8.23	21.6164827	-5.68E-02	160167749	160167872	NC_000003.11
cg08882472	5.38E-13	2.60E-14	-8.23	21.6100174	-8.68E-02	56607099	56607222	NC_000006.11

cg26351468	5.38E-13	2.60E-14	-8.23	21.6091321	-5.33E-02	74572950	74573073	NC_000007.13
cg06520300	5.39E-13	2.60E-14	-8.23	21.6076635	-1.42E-01	16081824	16081947	NC_000002.11
cg07622575	5.39E-13	2.60E-14	-8.23	21.6075188	-2.25E-01	11487955	11488078	NC_000002.11
cg24482747	5.40E-13	2.61E-14	-8.23	21.6051645	-1.36E-01	123315780	123315903	NC_000012.11
cg16348668	5.41E-13	2.61E-14	-8.23	21.6044873	-2.24E-01	240196171	240196294	NC_000002.11
cg06080300	5.41E-13	2.61E-14	-8.23	21.603577	-1.53E-01	1563096	1563219	NC_000001.10
cg12529801	5.42E-13	2.62E-14	-8.23	21.6024292	-2.80E-02	9184705	9184828	NC_000016.9
cg14539532	5.43E-13	2.62E-14	-8.23	21.6003636	-1.09E-01	42440113	42440236	NC_000019.9
cg14125468	5.43E-13	2.62E-14	-8.23	21.6003216	-1.45E-01	132113996	132114119	NC_000009.11
cg16754857	5.44E-13	2.62E-14	-8.23	21.5990907	-1.77E-01	159052400	159052523	NC_000006.11
cg07271261	5.44E-13	2.63E-14	-8.23	21.5983044	-1.60E-01	11610613	11610736	NC_000003.11
cg00166372	5.44E-13	2.63E-14	-8.23	21.5980511	-2.03E-01	50232459	50232582	NC_000003.11
cg18485596	5.44E-13	2.63E-14	-8.23	21.597681	-8.78E-02	111435084	111435207	NC_000006.11
ch.11.319992F	5.46E-13	2.64E-14	-8.23	21.5939432	-7.83E-02	11914496	11914619	NC_000011.9
cg05343665	5.47E-13	2.64E-14	-8.23	21.5930136	-1.13E-01	15790461	15790584	NC_000012.11
cg00324097	5.50E-13	2.66E-14	-8.23	21.5873643	-1.63E-01	75446549	75446672	NC_000017.10
cg18185665	5.51E-13	2.66E-14	-8.23	21.5851703	-8.99E-02	16257111	16257234	NC_000017.10
cg00532936	5.51E-13	2.66E-14	-8.23	21.5847052	-1.52E-01	53588449	53588572	NC_000001.10
cg08165291	5.51E-13	2.66E-14	-8.23	21.584204	-6.66E-02	27047555	27047678	NC_000017.10
cg11436113	5.53E-13	2.67E-14	-8.23	21.5809322	-1.06E-01	19191145	19191268	NC_000020.10
cg25735490	5.53E-13	2.67E-14	-8.23	21.5807603	-1.30E-01	48263204	48263327	NC_000017.10
cg24670330	5.53E-13	2.68E-14	-8.23	21.5799597	-1.39E-01	25346920	25347043	NC_000022.10
cg00264467	5.55E-13	2.68E-14	-8.23	21.577992	-6.59E-02	4401424	4401547	NC_000016.9
cg25840173	5.56E-13	2.69E-14	-8.23	21.5751094	-1.58E-01	45914379	45914502	NC_000007.13
cg19095568	5.56E-13	2.69E-14	-8.23	21.5750338	-2.21E-01	41062113	41062236	NC_000015.9

cg18886062	5.57E-13	2.69E-14	-8.23	21.5739976	-9.25E-02	49224454	49224577	NC_000019.9
cg05325061	5.58E-13	2.70E-14	-8.22	21.5714933	-1.11E-01	87929403	87929526	NC_000016.9
cg19534681	5.58E-13	2.70E-14	-8.22	21.5710358	-8.11E-02	134785761	134785884	NC_000002.11
cg00600454	5.59E-13	2.71E-14	-8.22	21.5691548	-1.55E-01	65468017	65468140	NC_000001.10
cg24743283	5.59E-13	2.71E-14	-8.22	21.5687222	-3.28E-02	2884365	2884488	NC_000007.13
cg23876285	5.60E-13	2.71E-14	-8.22	21.5682952	-1.50E-01	35078971	35079094	NC_000017.10
cg22876402	5.60E-13	2.71E-14	-8.22	21.5682785	-1.69E-01	71553543	71553666	NC_000003.11
cg01752462	5.60E-13	2.71E-14	-8.22	21.5673271	-7.07E-02	242156822	242156945	NC_000002.11
cg01806956	5.61E-13	2.71E-14	-8.22	21.566147	-1.72E-01	9460830	9460953	NC_000001.10
cg12341429	5.61E-13	2.71E-14	-8.22	21.5659973	-1.81E-01	161887154	161887277	NC_000002.11
cg07328688	5.61E-13	2.72E-14	-8.22	21.5653385	-1.61E-01	114304349	114304472	NC_000004.11
cg22528270	5.61E-13	2.72E-14	-8.22	21.5648914	-1.83E-01	151505116	151505239	NC_000007.13
cg11200568	5.62E-13	2.72E-14	-8.22	21.5639161	-1.23E-01	226540	226663	NC_000007.13
cg11406388	5.63E-13	2.73E-14	-8.22	21.5617193	-1.98E-01	76522937	76523060	NC_000017.10
cg06512918	5.63E-13	2.73E-14	-8.22	21.5609515	-9.86E-02	228350199	228350322	NC_000001.10
cg03753813	5.64E-13	2.73E-14	-8.22	21.5606064	-1.71E-01	116088501	116088624	NC_000001.10
cg19795866	5.64E-13	2.73E-14	-8.22	21.5597721	-1.36E-01	157085473	157085596	NC_000007.13
cg02974085	5.65E-13	2.74E-14	-8.22	21.558378	-2.36E-01	222990921	222991044	NC_000001.10
cg17462560	5.65E-13	2.74E-14	-8.22	21.5582187	-1.86E-01	77814551	77814674	NC_000005.9
cg03016975	5.66E-13	2.74E-14	-8.22	21.5563647	-3.26E-02	4124072	4124195	NC_000019.9
cg14903680	5.66E-13	2.74E-14	-8.22	21.5558408	-1.29E-01	50638648	50638771	NC_000022.10
cg11854392	5.66E-13	2.74E-14	-8.22	21.5553797	-2.23E-01	19879320	19879443	NC_000022.10
cg11442280	5.69E-13	2.76E-14	-8.22	21.5502468	-1.62E-01	164461604	164461727	NC_000002.11
cg12446045	5.70E-13	2.76E-14	-8.22	21.5482852	-1.57E-01	25857419	25857542	NC_000001.10
cg27280366	5.72E-13	2.77E-14	-8.22	21.5458062	-7.27E-02	49736416	49736539	NC_000012.11

cg27651143	5.72E-13	2.77E-14	-8.22	21.5450501	-7.42E-02	26572464	26572587	NC_000006.11
cg05062814	5.73E-13	2.78E-14	-8.22	21.5431982	-6.99E-02	39083007	39083130	NC_000006.11
cg02682520	5.74E-13	2.78E-14	-8.22	21.5417817	-6.55E-02	159895160	159895283	NC_000005.9
cg10438089	5.74E-13	2.78E-14	-8.22	21.5411109	-1.60E-01	47818514	47818637	NC_000017.10
cg03369289	5.74E-13	2.78E-14	-8.22	21.5408055	-1.30E-01	152619168	152619291	NC_000007.13
cg19771372	5.75E-13	2.79E-14	-8.22	21.5401008	-1.16E-01	4153713	4153836	NC_000019.9
cg08310837	5.76E-13	2.79E-14	-8.22	21.5377478	-1.00E-01	67572860	67572983	NC_000016.9
cg09444186	5.77E-13	2.80E-14	-8.22	21.5368329	-1.15E-01	46001605	46001728	NC_000019.9
cg05374263	5.77E-13	2.80E-14	-8.22	21.535256	-1.82E-01	66417182	66417305	NC_000016.9
cg09788003	5.77E-13	2.80E-14	-8.22	21.5351221	-1.23E-01	77941556	77941679	NC_000014.8
ch.8.975024F	5.79E-13	2.81E-14	-8.22	21.5320003	-6.82E-02	41396493	41396616	NC_000008.10
cg06346505	5.82E-13	2.82E-14	-8.22	21.527262	-1.16E-01	116164640	116164763	NC_000010.10
cg20088969	5.84E-13	2.83E-14	-8.22	21.5242074	-6.45E-02	74032886	74033009	NC_000010.10
cg08508368	5.84E-13	2.84E-14	-8.22	21.522895	-9.07E-02	86157364	86157487	NC_000008.10
cg23011788	5.85E-13	2.84E-14	-8.22	21.5216577	-2.14E-01	14050305	14050428	NC_000010.10
cg06548416	5.87E-13	2.85E-14	-8.22	21.5184746	-9.06E-02	24438703	24438826	NC_000001.10
cg09896403	5.88E-13	2.85E-14	-8.22	21.5162096	-7.62E-02	24110173	24110296	NC_000022.10
cg10210571	5.90E-13	2.86E-14	-8.22	21.5134412	-4.71E-02	231664364	231664487	NC_000001.10
cg26774156	5.90E-13	2.87E-14	-8.22	21.5122382	-1.70E-01	74495384	74495507	NC_000015.9
cg07781445	5.92E-13	2.87E-14	-8.21	21.5097671	-1.66E-01	2886250	2886373	NC_000017.10
cg02265318	5.94E-13	2.89E-14	-8.21	21.5055284	-6.21E-02	220960539	220960662	NC_000001.10
cg15318690	5.95E-13	2.89E-14	-8.21	21.5038093	-4.66E-02	54422052	54422175	NC_000014.8
ch.16.364290R	5.97E-13	2.90E-14	-8.21	21.4998391	-3.54E-02	9436357	9436480	NC_000016.9
cg08216768	5.97E-13	2.90E-14	-8.21	21.4997262	-8.60E-02	127175552	127175675	NC_000003.11
ch.1.172034581R	5.98E-13	2.90E-14	-8.21	21.4990332	-1.98E-02	173767958	173768081	NC_000001.10

cg17488937	5.99E-13	2.91E-14	-8.21	21.4976038	-1.08E-01	11878864	11878987	NC_000002.11
cg18661819	6.01E-13	2.92E-14	-8.21	21.49303	-3.90E-02	131113440	131113563	NC_000002.11
cg05877694	6.01E-13	2.92E-14	-8.21	21.4926708	-4.91E-02	128775743	128775866	NC_000011.9
cg10317175	6.02E-13	2.92E-14	-8.21	21.4922936	-1.06E-01	25247855	25247978	NC_000010.10
cg26011210	6.03E-13	2.93E-14	-8.21	21.4889085	-6.54E-02	122125276	122125399	NC_000012.11
cg19878838	6.04E-13	2.94E-14	-8.21	21.487707	-9.09E-02	77135506	77135629	NC_000004.11
cg07294541	6.04E-13	2.94E-14	-8.21	21.4875832	-9.50E-02	35265555	35265678	NC_000006.11
cg01381109	6.06E-13	2.95E-14	-8.21	21.4841232	-1.46E-01	96054917	96055040	NC_000002.11
cg26892635	6.06E-13	2.95E-14	-8.21	21.4839082	-1.12E-01	3253043	3253166	NC_000016.9
cg13100137	6.08E-13	2.96E-14	-8.21	21.4806844	-1.59E-01	37937945	37938068	NC_000001.10
cg24686684	6.10E-13	2.97E-14	-8.21	21.47698	-6.50E-02	48330546	48330669	NC_000020.10
cg10780778	6.11E-13	2.97E-14	-8.21	21.4764044	-1.46E-01	26351915	26352038	NC_000006.11
cg21028946	6.11E-13	2.97E-14	-8.21	21.4763647	-1.08E-01	34680004	34680127	NC_000020.10
cg20513976	6.12E-13	2.98E-14	-8.21	21.4737026	-2.24E-01	62367893	62368016	NC_000020.10
cg07706776	6.12E-13	2.98E-14	-8.21	21.4733815	-9.95E-02	5568004	5568127	NC_000010.10
cg16594273	6.13E-13	2.98E-14	-8.21	21.4730838	-1.10E-01	58131312	58131435	NC_000016.9
cg11491247	6.13E-13	2.99E-14	-8.21	21.4715441	-6.00E-02	155035530	155035653	NC_000001.10
cg06462174	6.13E-13	2.99E-14	-8.21	21.4715413	-7.26E-02	30813688	30813811	NC_000017.10
cg06287548	6.14E-13	2.99E-14	-8.21	21.4709213	-1.99E-01	34773372	34773495	NC_000021.8
cg02426464	6.17E-13	3.00E-14	-8.21	21.4658449	-9.02E-02	1481305	1481428	NC_000017.10
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cg25304816	6.17E-13	3.01E-14	-8.21	21.4651086	-1.85E-01	36627734	36627857	NC_000001.10
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cg05783554	6.19E-13	3.02E-14	-8.21	21.4620747	-1.31E-01	232466435	232466558	NC_000002.11
cg12525736	6.20E-13	3.02E-14	-8.21	21.4606555	-5.20E-02	228269915	228270038	NC_000001.10

cg16526705	6.21E-13	3.03E-14	-8.21	21.4580648	-1.06E-01	17284481	17284604	NC_000019.9
cg21013710	6.21E-13	3.03E-14	-8.21	21.4577467	-1.37E-01	15128655	15128778	NC_000011.9
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cg22266824	6.22E-13	3.03E-14	-8.21	21.4560104	-1.52E-01	159918056	159918179	NC_000004.11
cg09202851	6.24E-13	3.04E-14	-8.21	21.4534398	-1.66E-01	567966	568089	NC_000011.9
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cg15601682	6.29E-13	3.07E-14	-8.2	21.4446377	-2.12E-01	78060121	78060244	NC_000017.10
cg10807698	6.29E-13	3.07E-14	-8.2	21.444261	-6.90E-02	103243805	103243928	NC_000014.8
cg24690479	6.30E-13	3.07E-14	-8.2	21.4436815	-1.78E-01	10521142	10521265	NC_000006.11
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cg06172942	6.31E-13	3.08E-14	-8.2	21.4408834	-2.49E-01	50378529	50378652	NC_000003.11
cg05756257	6.31E-13	3.08E-14	-8.2	21.4407512	-3.97E-02	46415544	46415667	NC_000020.10
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cg17810853	6.35E-13	3.10E-14	-8.2	21.4354451	-5.43E-02	53879737	53879860	NC_000003.11
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cg13686042	6.38E-13	3.11E-14	-8.2	21.430665	-6.51E-02	50913831	50913954	NC_000022.10
cg20524040	6.39E-13	3.12E-14	-8.2	21.4280466	-9.94E-02	62701344	62701467	NC_000020.10
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cg22137236	6.40E-13	3.13E-14	-8.2	21.4261692	-1.46E-01	46506533	46506656	NC_000018.9
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cg18951352	6.44E-13	3.15E-14	-8.2	21.4205768	-1.89E-01	149806077	149806200	NC_000006.11

cg25430995	6.44E-13	3.15E-14	-8.2	21.4203704	-7.16E-02	73611082	73611205	NC_000010.10
cg11307623	6.44E-13	3.15E-14	-8.2	21.4199631	-1.22E-01	79306957	79307080	NC_000017.10
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cg06438797	6.46E-13	3.16E-14	-8.2	21.4170987	-1.39E-01	66876872	66876995	NC_000016.9
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cg00037186	6.48E-13	3.17E-14	-8.2	21.4140869	-9.97E-02	66959402	66959525	NC_000016.9
ch.19.23069876R	6.48E-13	3.17E-14	-8.2	21.4135896	-4.66E-02	23278036	23278159	NC_000019.9
ch.1.4359995F	6.49E-13	3.17E-14	-8.2	21.4118862	-7.58E-02	224005787	224005910	NC_000001.10
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cg12198769	6.51E-13	3.18E-14	-8.2	21.4094619	-8.01E-02	98262341	98262464	NC_000002.11
cg09477292	6.53E-13	3.19E-14	-8.2	21.4060818	-6.14E-02	6577027	6577150	NC_000004.11
cg23065101	6.54E-13	3.20E-14	-8.2	21.4045664	-6.90E-02	100964734	100964857	NC_000007.13
cg25212701	6.54E-13	3.20E-14	-8.2	21.4043174	-1.96E-01	162351664	162351787	NC_000001.10
cg17659271	6.54E-13	3.20E-14	-8.2	21.4041532	-1.06E-01	5334261	5334384	NC_000007.13
cg25602765	6.57E-13	3.21E-14	-8.2	21.3988776	-8.52E-02	140090846	140090969	NC_000005.9
cg04617905	6.59E-13	3.22E-14	-8.2	21.3963503	-6.98E-02	93107718	93107841	NC_000008.10
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cg15891991	6.60E-13	3.23E-14	-8.2	21.3952477	-1.16E-01	117396695	117396818	NC_000001.10
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cg25645310	6.61E-13	3.23E-14	-8.2	21.3936099	-2.62E-02	116581305	116581428	NC_000010.10
cg01880902	6.61E-13	3.24E-14	-8.2	21.3922029	-3.45E-02	145826525	145826648	NC_000005.9
cg04742719	6.62E-13	3.24E-14	-8.2	21.3919562	-1.05E-01	100463759	100463882	NC_000007.13
cg22615730	6.62E-13	3.24E-14	-8.2	21.3918956	-1.82E-01	69997225	69997348	NC_000002.11
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cg03048889	6.66E-13	3.26E-14	-8.19	21.3851977	-1.84E-01	20433168	20433291	NC_000020.10



cg21189909	6.66E-13	3.26E-14	-8.19	21.3851519	-1.37E-01	16399649	16399772	NC_000001.10
cg24135211	6.66E-13	3.26E-14	-8.19	21.3844115	-1.48E-01	64342282	64342405	NC_000014.8
cg09776772	6.71E-13	3.28E-14	-8.19	21.3778476	-2.53E-01	2150534	2150657	NC_000007.13
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cg00095629	6.76E-13	3.31E-14	-8.19	21.3697011	-1.53E-01	168811070	168811193	NC_000006.11
cg10718894	6.77E-13	3.32E-14	-8.19	21.3679037	-1.77E-01	1094057	1094180	NC_000017.10
cg08009313	6.78E-13	3.32E-14	-8.19	21.3662799	-7.70E-02	130682432	130682555	NC_000003.11
cg05007997	6.79E-13	3.33E-14	-8.19	21.3651747	-1.64E-01	219246985	219247108	NC_000002.11
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cg26200976	6.84E-13	3.35E-14	-8.19	21.3569043	-2.85E-02	73201441	73201564	NC_000017.10
cg09970941	6.84E-13	3.36E-14	-8.19	21.3562803	-1.33E-01	2302519	2302642	NC_000016.9
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cg09629954	6.88E-13	3.38E-14	-8.19	21.3502764	-6.54E-02	42143874	42143997	NC_000017.10
cg17901584	6.88E-13	3.38E-14	-8.19	21.350133	-1.42E-01	55353706	55353829	NC_000001.10
cg14065697	6.90E-13	3.39E-14	-8.19	21.3478333	-5.05E-02	93583672	93583795	NC_000011.9
cg27573291	6.94E-13	3.41E-14	-8.19	21.3416131	-5.45E-02	1266391	1266514	NC_000019.9
cg26522585	6.96E-13	3.41E-14	-8.19	21.3392933	-5.64E-02	661747	661870	NC_000019.9
ch.3.1045756F	6.96E-13	3.42E-14	-8.19	21.3380601	-2.69E-02	49148793	49148916	NC_000003.11
cg26038318	6.97E-13	3.42E-14	-8.19	21.3379277	-8.19E-02	34205095	34205218	NC_000020.10
cg06665535	6.97E-13	3.42E-14	-8.19	21.3367263	-7.55E-02	205719527	205719650	NC_000001.10
cg14918548	6.97E-13	3.42E-14	-8.19	21.336578	-1.35E-01	101350221	101350344	NC_000002.11
cg00370293	6.97E-13	3.43E-14	-8.19	21.33632	-1.44E-01	43397113	43397236	NC_000005.9
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cg06790019	7.00E-13	3.44E-14	-8.19	21.3330839	-5.89E-02	44435457	44435580	NC_000001.10

cg07136635	7.00E-13	3.44E-14	-8.19	21.3321885	-7.17E-02	52096641	52096764	NC_000005.9
cg17818731	7.01E-13	3.44E-14	-8.19	21.3313707	-1.48E-01	43295753	43295876	NC_000002.11
cg18458353	7.01E-13	3.44E-14	-8.19	21.3311219	-1.20E-01	42211171	42211294	NC_000019.9
cg18028536	7.02E-13	3.45E-14	-8.19	21.3294556	-8.49E-02	9457681	9457804	NC_000004.11
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cg01198591	7.07E-13	3.47E-14	-8.18	21.3225618	-9.13E-02	28909005	28909128	NC_000001.10
cg02710534	7.07E-13	3.48E-14	-8.18	21.3218397	-2.10E-01	141225619	141225742	NC_000005.9
cg01703780	7.08E-13	3.48E-14	-8.18	21.321127	-1.77E-01	192353242	192353365	NC_000002.11
cg23797471	7.08E-13	3.48E-14	-8.18	21.3204491	-3.17E-02	135504410	135504533	NC_000006.11
cg13694400	7.08E-13	3.48E-14	-8.18	21.3197242	-8.08E-02	13254673	13254796	NC_000012.11
cg07217063	7.09E-13	3.49E-14	-8.18	21.3185946	-1.15E-01	30901886	30902009	NC_000022.10
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cg12738347	7.13E-13	3.51E-14	-8.18	21.3125925	-1.23E-01	53096854	53096977	NC_000015.9
cg12003463	7.13E-13	3.51E-14	-8.18	21.3125797	-1.80E-01	41523968	41524091	NC_000008.10
cg10031995	7.15E-13	3.52E-14	-8.18	21.309576	-1.54E-01	45064086	45064209	NC_000022.10
cg07018087	7.16E-13	3.52E-14	-8.18	21.3080663	-9.33E-02	170860508	170860631	NC_000005.9
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cg27294678	7.17E-13	3.53E-14	-8.18	21.3066495	-5.91E-02	129686210	129686333	NC_000011.9
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cg02961101	7.17E-13	3.53E-14	-8.18	21.3064184	-1.89E-01	48533155	48533278	NC_000016.9
cg09147131	7.18E-13	3.53E-14	-8.18	21.3052731	-7.40E-02	80189225	80189348	NC_000017.10
cg14637649	7.20E-13	3.54E-14	-8.18	21.3033468	-5.47E-02	81057526	81057649	NC_000017.10
cg25470561	7.20E-13	3.55E-14	-8.18	21.3020003	-1.74E-01	65646656	65646779	NC_000011.9
cg22867066	7.22E-13	3.55E-14	-8.18	21.2999407	-7.12E-02	128694666	128694789	NC_000007.13
cg13462576	7.22E-13	3.55E-14	-8.18	21.2998503	-1.55E-01	74726520	74726643	NC_000015.9

cg02392575	7.23E-13	3.56E-14	-8.18	21.2981172	-6.86E-02	100536662	100536785	NC_000012.11
cg19958593	7.25E-13	3.57E-14	-8.18	21.2958339	-1.61E-01	87265617	87265740	NC_000014.8
cg01830154	7.25E-13	3.57E-14	-8.18	21.294869	-1.54E-01	1134911	1135034	NC_000017.10
cg17533684	7.26E-13	3.57E-14	-8.18	21.2942595	-3.05E-02	46597933	46598056	NC_000001.10
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cg14482902	7.33E-13	3.61E-14	-8.18	21.2835928	-1.29E-01	36714803	36714926	NC_000017.10
cg02030219	7.34E-13	3.62E-14	-8.18	21.2825405	-1.35E-01	1958654	1958777	NC_000016.9
cg09990169	7.39E-13	3.65E-14	-8.18	21.2748023	-1.42E-01	241835740	241835863	NC_000002.11
cg13782615	7.39E-13	3.65E-14	-8.18	21.2747576	-2.45E-01	4079556	4079679	NC_000011.9
cg11306441	7.40E-13	3.65E-14	-8.18	21.2730536	-5.05E-02	54520919	54521042	NC_000012.11
cg06861037	7.41E-13	3.66E-14	-8.18	21.2720582	-1.22E-01	50278918	50279041	NC_000016.9
cg11946458	7.41E-13	3.66E-14	-8.18	21.2720546	-7.21E-02	37190305	37190428	NC_000006.11
cg10629420	7.45E-13	3.67E-14	-8.17	21.2669727	-1.67E-01	3377918	3378041	NC_000001.10
cg03376089	7.46E-13	3.68E-14	-8.17	21.2657588	-1.78E-01	17839409	17839532	NC_000017.10
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cg15626405	7.47E-13	3.68E-14	-8.17	21.2642102	-1.19E-01	536047	536170	NC_000005.9
cg23632791	7.48E-13	3.69E-14	-8.17	21.2624366	-2.21E-01	90794647	90794770	NC_000008.10
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cg08850243	7.51E-13	3.71E-14	-8.17	21.2577689	-1.90E-01	30169768	30169891	NC_000006.11

cg05472974	7.53E-13	3.72E-14	-8.17	21.2558192	-7.30E-02	71205399	71205522	NC_000002.11
cg26900750	7.54E-13	3.72E-14	-8.17	21.2548031	-5.58E-02	41109870	41109993	NC_000019.9
cg22436562	7.54E-13	3.72E-14	-8.17	21.2543774	-8.62E-02	78139859	78139982	NC_000013.10
cg15721238	7.54E-13	3.73E-14	-8.17	21.2533682	-1.50E-01	196520408	196520531	NC_000003.11
cg00190795	7.57E-13	3.74E-14	-8.17	21.2502315	-1.80E-01	195599898	195600021	NC_000003.11
cg23797839	7.61E-13	3.76E-14	-8.17	21.2446099	-6.89E-02	60094994	60095117	NC_000010.10
cg11453712	7.61E-13	3.76E-14	-8.17	21.2444661	-1.46E-01	139741803	139741926	NC_000009.11
cg25565850	7.65E-13	3.78E-14	-8.17	21.2386441	-9.43E-02	220424853	220424976	NC_000002.11
cg25960063	7.65E-13	3.78E-14	-8.17	21.2386182	-1.52E-01	101790505	101790628	NC_000015.9
cg11691990	7.65E-13	3.78E-14	-8.17	21.2383227	-5.25E-02	44099044	44099167	NC_000019.9
cg06164260	7.65E-13	3.78E-14	-8.17	21.2381795	-1.48E-01	187454439	187454562	NC_000003.11
cg24296478	7.67E-13	3.79E-14	-8.17	21.235344	-1.29E-01	98590574	98590697	NC_000010.10
cg03497895	7.68E-13	3.80E-14	-8.17	21.2339844	-1.59E-01	59598984	59599107	NC_000015.9
cg02928885	7.69E-13	3.80E-14	-8.17	21.2334774	-1.91E-01	26558154	26558277	NC_000010.10
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cg26607748	7.71E-13	3.82E-14	-8.17	21.229837	-1.56E-01	35690226	35690349	NC_000009.11
cg26869512	7.72E-13	3.82E-14	-8.17	21.2297614	-1.41E-01	8389770	8389893	NC_000004.11
cg27182012	7.72E-13	3.82E-14	-8.17	21.2294098	-1.89E-01	156095157	156095280	NC_000001.10
cg04366994	7.74E-13	3.83E-14	-8.17	21.2270522	-1.73E-01	134361203	134361326	NC_000010.10
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cg03883572	7.74E-13	3.83E-14	-8.17	21.2263832	-1.80E-01	66461884	66462007	NC_000005.9
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cg19897979	7.76E-13	3.84E-14	-8.17	21.2233834	-1.19E-01	25687812	25687935	NC_000001.10

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cg22612448	7.78E-13	3.85E-14	-8.17	21.2209605	-1.64E-01	217203173	217203296	NC_000001.10
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cg06207460	7.81E-13	3.87E-14	-8.17	21.2168817	-7.03E-02	4741011	4741134	NC_000009.11
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cg18742814	7.84E-13	3.89E-14	-8.17	21.2118069	-1.20E-01	41828276	41828399	NC_000001.10
cg14568203	7.87E-13	3.90E-14	-8.17	21.2088599	-1.54E-01	79931578	79931701	NC_000010.10
cg26598152	7.87E-13	3.90E-14	-8.17	21.2077598	-2.65E-02	69760928	69761051	NC_000016.9
cg26495711	7.90E-13	3.92E-14	-8.16	21.2040605	-1.18E-01	240169280	240169403	NC_000002.11
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cg21880020	7.93E-13	3.93E-14	-8.16	21.1999638	-1.26E-01	168453194	168453317	NC_000006.11
cg03637066	7.94E-13	3.93E-14	-8.16	21.1996729	-1.62E-01	913111	913234	NC_000005.9
cg17087907	7.94E-13	3.94E-14	-8.16	21.1988991	-1.52E-01	167104677	167104800	NC_000006.11
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cg25366404	8.02E-13	3.98E-14	-8.16	21.1885392	-1.26E-01	39895360	39895483	NC_000006.11
cg21480680	8.04E-13	3.99E-14	-8.16	21.1863082	-5.97E-02	6075279	6075402	NC_000012.11
cg03661110	8.05E-13	4.00E-14	-8.16	21.1840675	-2.01E-01	48581622	48581745	NC_000017.10
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cg12830327	8.17E-13	4.06E-14	-8.16	21.1689993	-7.13E-02	85339628	85339751	NC_000011.9
cg03451296	8.20E-13	4.07E-14	-8.16	21.1655394	-2.18E-02	105940391	105940514	NC_000014.8
cg14812474	8.20E-13	4.07E-14	-8.16	21.1652595	-1.64E-01	7632386	7632509	NC_000004.11
cg22277154	8.23E-13	4.09E-14	-8.16	21.1617589	-1.09E-01	31020468	31020591	NC_000013.10
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cg08359099	8.30E-13	4.13E-14	-8.16	21.1520636	-3.17E-02	73105631	73105754	NC_000017.10
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cg18793799	8.34E-13	4.15E-14	-8.16	21.1475242	-5.85E-02	8818257	8818380	NC_000002.11
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cg01194336	8.36E-13	4.16E-14	-8.15	21.1446392	-1.44E-01	66627997	66628120	NC_000012.11

cg27496526	8.37E-13	4.17E-14	-8.15	21.1428732	-1.62E-01	41805530	41805653	NC_000015.9
cg17179881	8.40E-13	4.18E-14	-8.15	21.139427	-1.12E-01	43507665	43507788	NC_000022.10
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cg02579140	8.43E-13	4.20E-14	-8.15	21.1358171	-2.68E-01	3160982	3161105	NC_000010.10
cg23539381	8.45E-13	4.21E-14	-8.15	21.1335666	-4.54E-02	36606612	36606735	NC_000019.9
cg05398260	8.48E-13	4.22E-14	-8.15	21.1296619	-6.82E-02	64363546	64363669	NC_000007.13
cg03141298	8.49E-13	4.23E-14	-8.15	21.1289936	-1.78E-01	133772657	133772780	NC_000008.10
cg10157862	8.50E-13	4.23E-14	-8.15	21.1269549	-9.50E-02	69725695	69725818	NC_000012.11
cg26794364	8.52E-13	4.24E-14	-8.15	21.1254698	-7.56E-02	9691143	9691266	NC_000003.11
cg07928695	8.54E-13	4.25E-14	-8.15	21.1224673	-3.17E-02	45681899	45682022	NC_000019.9
cg11812748	8.54E-13	4.26E-14	-8.15	21.1221079	-1.23E-01	246733057	246733180	NC_000001.10
cg23792934	8.55E-13	4.26E-14	-8.15	21.1207578	-1.38E-01	70403785	70403908	NC_000017.10
cg19931348	8.58E-13	4.27E-14	-8.15	21.1177785	-1.90E-01	43803224	43803347	NC_000020.10
cg03802185	8.58E-13	4.28E-14	-8.15	21.117298	-1.55E-01	101927846	101927969	NC_000007.13
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cg07369374	8.62E-13	4.30E-14	-8.15	21.1124687	-1.71E-01	40359130	40359253	NC_000006.11
cg14498492	8.62E-13	4.30E-14	-8.15	21.1119751	-3.58E-02	76995113	76995236	NC_000010.10
cg06812693	8.64E-13	4.31E-14	-8.15	21.1102804	-5.96E-02	26323246	26323369	NC_000004.11
cg05991902	8.65E-13	4.31E-14	-8.15	21.1093179	-1.75E-01	9385082	9385205	NC_000002.11
cg12286295	8.66E-13	4.32E-14	-8.15	21.1070191	-3.54E-02	1445579	1445702	NC_000019.9
cg19653417	8.69E-13	4.33E-14	-8.15	21.1042266	-1.56E-01	132654924	132655047	NC_000012.11
cg13512204	8.70E-13	4.34E-14	-8.15	21.1023235	-7.31E-02	78506874	78506997	NC_000009.11
cg05653887	8.71E-13	4.35E-14	-8.15	21.101078	-1.46E-01	46767176	46767299	NC_000022.10
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cg02667677	8.75E-13	4.36E-14	-8.15	21.0972108	-1.20E-01	106545984	106546107	NC_000006.11

cg08296680	8.75E-13	4.37E-14	-8.15	21.0968898	-1.87E-01	80186275	80186398	NC_000017.10
cg00682487	8.75E-13	4.37E-14	-8.15	21.0964563	-1.47E-01	36283275	36283398	NC_000004.11
cg15000813	8.75E-13	4.37E-14	-8.15	21.0961058	-1.60E-01	17454394	17454517	NC_000008.10
cg27403810	8.76E-13	4.37E-14	-8.15	21.0954349	-9.95E-02	48585974	48586097	NC_000017.10
cg07824081	8.76E-13	4.37E-14	-8.15	21.0949608	-9.43E-02	30124904	30125027	NC_000016.9
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cg02319392	8.82E-13	4.40E-14	-8.15	21.0881173	-1.17E-01	83841324	83841447	NC_000016.9
cg15581235	8.83E-13	4.41E-14	-8.15	21.0875282	-7.58E-02	41708917	41709040	NC_000015.9
cg23843484	8.83E-13	4.41E-14	-8.15	21.0871671	-2.29E-01	1560248	1560371	NC_000007.13
cg02217247	8.88E-13	4.44E-14	-8.14	21.0812952	-1.77E-01	15355978	15356101	NC_000010.10
cg24382070	8.88E-13	4.44E-14	-8.14	21.0805105	-1.24E-01	22013694	22013817	NC_000008.10
cg21762222	8.88E-13	4.44E-14	-8.14	21.08044	-7.21E-02	75874556	75874679	NC_000012.11
cg04415689	8.89E-13	4.44E-14	-8.14	21.0797451	-1.12E-01	242128250	242128373	NC_000002.11
cg06807993	8.89E-13	4.44E-14	-8.14	21.0795423	-1.67E-01	79099785	79099908	NC_000017.10
cg13730105	8.89E-13	4.44E-14	-8.14	21.07918	-1.56E-01	120466837	120466960	NC_000009.11
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cg06621060	8.91E-13	4.45E-14	-8.14	21.0775242	-1.31E-01	102413151	102413274	NC_000010.10
cg17062938	8.91E-13	4.45E-14	-8.14	21.077065	-9.85E-02	154706880	154707003	NC_000007.13
cg21336235	8.92E-13	4.46E-14	-8.14	21.0761603	-5.90E-02	74904397	74904520	NC_000004.11
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cg04130507	8.94E-13	4.47E-14	-8.14	21.0736138	-9.97E-02	182030753	182030876	NC_000001.10
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cg00375608	8.98E-13	4.49E-14	-8.14	21.0693652	-1.94E-01	1607787	1607910	NC_000007.13



cg07260017	9.00E-13	4.50E-14	-8.14	21.0668145	-1.55E-01	149492480	149492603	NC_000005.9
cg01347529	9.02E-13	4.51E-14	-8.14	21.0646834	-1.23E-01	92495342	92495465	NC_000001.10
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cg20294304	9.05E-13	4.53E-14	-8.14	21.0602035	-1.43E-01	34203153	34203276	NC_000006.11
cg18752785	9.06E-13	4.53E-14	-8.14	21.0593588	-5.19E-02	3996394	3996517	NC_000020.10
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cg06513149	9.10E-13	4.56E-14	-8.14	21.0549809	-7.58E-02	33002431	33002554	NC_000013.10
cg01142676	9.10E-13	4.56E-14	-8.14	21.0548087	-1.46E-01	117695591	117695714	NC_000011.9
cg11267810	9.10E-13	4.56E-14	-8.14	21.0542426	-1.41E-01	19867026	19867149	NC_000020.10
cg19766988	9.12E-13	4.57E-14	-8.14	21.0524238	-1.98E-01	10231711	10231834	NC_000019.9
cg03550233	9.16E-13	4.59E-14	-8.14	21.0471825	-1.14E-01	39685482	39685605	NC_000017.10
cg05678658	9.17E-13	4.59E-14	-8.14	21.0465401	-1.52E-01	1500117	1500240	NC_000002.11
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cg00827318	9.21E-13	4.61E-14	-8.14	21.0424676	-1.35E-01	43867064	43867187	NC_000010.10
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cg07679836	9.22E-13	4.62E-14	-8.14	21.040352	-1.16E-01	33548423	33548546	NC_000006.11
cg25722983	9.23E-13	4.63E-14	-8.14	21.0389609	-1.15E-01	36840028	36840151	NC_000001.10
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cg21447717	9.28E-13	4.66E-14	-8.14	21.0331715	-1.69E-01	197228950	197229073	NC_000003.11
cg09238199	9.30E-13	4.67E-14	-8.14	21.0310736	-2.19E-01	111097777	111097900	NC_000013.10
cg26223654	9.30E-13	4.67E-14	-8.14	21.0309765	-7.43E-02	12949372	12949495	NC_000019.9

cg03464232	9.33E-13	4.68E-14	-8.14	21.0281298	-6.04E-02	146278302	146278425	NC_000008.10
cg12945324	9.35E-13	4.69E-14	-8.14	21.0259579	-7.00E-02	144853583	144853706	NC_000008.10
cg25668117	9.35E-13	4.69E-14	-8.14	21.0258132	-1.73E-01	959904	960027	NC_000007.13
cg21544219	9.35E-13	4.70E-14	-8.14	21.02486	-1.61E-01	566410	566533	NC_000005.9
cg05071383	9.37E-13	4.70E-14	-8.13	21.0231819	-1.25E-01	105370983	105371106	NC_000014.8
cg09886558	9.39E-13	4.71E-14	-8.13	21.0211711	-1.38E-01	77899670	77899793	NC_000015.9
cg18568843	9.44E-13	4.74E-14	-8.13	21.0156515	-4.73E-02	52535550	52535673	NC_000006.11
cg20154657	9.44E-13	4.74E-14	-8.13	21.0154111	-5.55E-02	49126819	49126942	NC_000020.10
cg17815841	9.44E-13	4.74E-14	-8.13	21.0153926	-4.60E-02	39979368	39979491	NC_000004.11
cg05003322	9.45E-13	4.75E-14	-8.13	21.0144987	-1.22E-01	32169706	32169829	NC_000001.10
ch.17.849637R	9.45E-13	4.75E-14	-8.13	21.0140376	-6.27E-02	31089634	31089757	NC_000017.10
cg24488506	9.47E-13	4.76E-14	-8.13	21.0116449	-6.89E-02	65667952	65668075	NC_000011.9
cg04770088	9.49E-13	4.77E-14	-8.13	21.0096365	-2.39E-01	63225020	63225143	NC_000017.10
cg13397649	9.49E-13	4.77E-14	-8.13	21.0094836	-6.08E-02	12376968	12377091	NC_000018.9
cg24672624	9.52E-13	4.79E-14	-8.13	21.0062136	-1.61E-01	24239771	24239894	NC_000001.10
cg20615827	9.53E-13	4.79E-14	-8.13	21.0053213	-1.11E-01	9515447	9515570	NC_000001.10
cg21531389	9.54E-13	4.80E-14	-8.13	21.0042509	-1.58E-01	27006498	27006621	NC_000022.10
cg22317846	9.57E-13	4.81E-14	-8.13	21.0011316	-1.45E-01	17862385	17862508	NC_000019.9
cg16576160	9.57E-13	4.81E-14	-8.13	21.0010566	-1.64E-01	88296770	88296893	NC_000016.9
cg14787269	9.60E-13	4.82E-14	-8.13	20.9982843	-1.15E-01	46380394	46380517	NC_000019.9
cg11216682	9.62E-13	4.84E-14	-8.13	20.9953557	-3.29E-02	131113867	131113990	NC_000002.11
cg14517863	9.63E-13	4.84E-14	-8.13	20.9951503	-1.31E-01	44321492	44321615	NC_000017.10
cg04880546	9.64E-13	4.85E-14	-8.13	20.9932811	-7.78E-02	120868468	120868591	NC_000012.11
cg09039163	9.67E-13	4.87E-14	-8.13	20.9899339	-1.50E-01	239009036	239009159	NC_000002.11
cg06437396	9.68E-13	4.87E-14	-8.13	20.9897348	-1.03E-01	108437013	108437136	NC_000006.11

cg07213830	9.68E-13	4.87E-14	-8.13	20.9893746	-1.05E-01	1093940	1094063	NC_000001.10
cg13344344	9.69E-13	4.87E-14	-8.13	20.9879895	-9.34E-02	12958803	12958926	NC_000019.9
cg15497834	9.71E-13	4.88E-14	-8.13	20.9861364	-1.74E-01	48998834	48998957	NC_000020.10
cg04979435	9.75E-13	4.91E-14	-8.13	20.9817656	-8.38E-02	67875655	67875778	NC_000016.9
cg08690876	9.77E-13	4.92E-14	-8.13	20.9793801	-1.47E-01	43040721	43040844	NC_000022.10
cg16626967	9.77E-13	4.92E-14	-8.13	20.9792231	-6.26E-02	16068861	16068984	NC_000001.10
cg08125401	9.78E-13	4.92E-14	-8.13	20.9781604	-7.56E-02	74726457	74726580	NC_000015.9
cg04605532	9.79E-13	4.93E-14	-8.13	20.9772542	-1.97E-01	234843592	234843715	NC_000001.10
cg13627451	9.79E-13	4.93E-14	-8.13	20.9769788	-5.44E-02	52043674	52043797	NC_000015.9
cg26786974	9.81E-13	4.94E-14	-8.13	20.9755234	-1.67E-01	39849807	39849930	NC_000006.11
cg24286372	9.83E-13	4.95E-14	-8.13	20.973496	-9.48E-02	89783499	89783622	NC_000007.13
cg15925478	9.83E-13	4.95E-14	-8.13	20.9731108	-1.93E-01	94081080	94081203	NC_000001.10
cg05062178	9.84E-13	4.95E-14	-8.13	20.9719344	-5.95E-02	124605247	124605370	NC_000003.11
cg04233620	9.91E-13	4.99E-14	-8.13	20.9645315	-1.60E-01	46629219	46629342	NC_000021.8
cg01613691	9.93E-13	5.00E-14	-8.13	20.9628779	-1.12E-01	1105380	1105503	NC_000019.9
cg03736781	9.94E-13	5.00E-14	-8.12	20.9621827	-1.10E-01	158784655	158784778	NC_000007.13
cg10465028	9.94E-13	5.01E-14	-8.12	20.961881	-1.58E-01	63753203	63753326	NC_000011.9
cg26212966	9.96E-13	5.02E-14	-8.12	20.9592895	-6.10E-02	71351271	71351394	NC_000011.9
cg25813109	9.97E-13	5.02E-14	-8.12	20.9585512	-1.27E-01	32900076	32900199	NC_000020.10
cg00220225	9.99E-13	5.03E-14	-8.12	20.9562536	-1.92E-01	50194470	50194593	NC_000003.11
cg00858400	1.00E-12	5.05E-14	-8.12	20.9538564	-1.70E-01	87904580	87904703	NC_000016.9
ch.17.2138644F	1.00E-12	5.05E-14	-8.12	20.9522245	-4.69E-02	77985282	77985405	NC_000017.10
cg23381232	1.00E-12	5.06E-14	-8.12	20.9518422	-1.62E-01	95696973	95697096	NC_000007.13
cg16538604	1.00E-12	5.06E-14	-8.12	20.9515266	-4.96E-02	2010703	2010826	NC_000004.11
cg23771661	1.00E-12	5.06E-14	-8.12	20.9509082	-1.17E-01	17905332	17905455	NC_000019.9

cg21863499	1.01E-12	5.07E-14	-8.12	20.949511	-8.79E-02	27113640	27113763	NC_000001.10
cg00165535	1.01E-12	5.07E-14	-8.12	20.9489689	-4.68E-02	100599025	100599148	NC_000001.10
cg24306962	1.01E-12	5.07E-14	-8.12	20.9485193	-1.34E-01	16345491	16345614	NC_000001.10
ch.4.3354065F	1.01E-12	5.07E-14	-8.12	20.9483961	-4.79E-02	183646454	183646577	NC_000004.11
cg01403607	1.01E-12	5.08E-14	-8.12	20.948273	-1.43E-01	162838907	162839030	NC_000001.10
cg05778494	1.01E-12	5.10E-14	-8.12	20.9436826	-1.93E-01	155165346	155165469	NC_000001.10
cg17001531	1.01E-12	5.10E-14	-8.12	20.9436198	-6.73E-02	16825540	16825663	NC_000001.10
cg05871756	1.01E-12	5.10E-14	-8.12	20.9427294	-1.79E-01	173216171	173216294	NC_000005.9
cg07900823	1.01E-12	5.10E-14	-8.12	20.9426207	-6.13E-02	81586541	81586664	NC_000010.10
cg03590237	1.01E-12	5.11E-14	-8.12	20.9408625	-1.96E-01	52439807	52439930	NC_000006.11
cg23839680	1.01E-12	5.12E-14	-8.12	20.939615	-2.01E-01	56118238	56118361	NC_000007.13
cg07431199	1.02E-12	5.13E-14	-8.12	20.9372503	-5.86E-02	41218265	41218388	NC_000015.9
cg16094511	1.02E-12	5.15E-14	-8.12	20.9340484	-7.42E-02	69262103	69262226	NC_000014.8
cg12695612	1.02E-12	5.16E-14	-8.12	20.9325323	-1.59E-01	17308092	17308215	NC_000001.10
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cg10378667	1.02E-12	5.17E-14	-8.12	20.9302093	-7.60E-02	122326303	122326426	NC_000012.11
cg21372107	1.02E-12	5.17E-14	-8.12	20.9302088	-1.45E-01	134900674	134900797	NC_000002.11
cg02828768	1.02E-12	5.17E-14	-8.12	20.9301737	-6.05E-02	33269612	33269735	NC_000010.10
cg16567056	1.02E-12	5.17E-14	-8.12	20.9297232	-1.89E-01	40599985	40600108	NC_000015.9
cg07562821	1.03E-12	5.20E-14	-8.12	20.9249486	-1.01E-01	43810131	43810254	NC_000015.9
cg06225154	1.03E-12	5.20E-14	-8.12	20.9237153	-3.32E-02	37640364	37640487	NC_000022.10
cg26464892	1.03E-12	5.22E-14	-8.12	20.9211248	-6.57E-02	55966440	55966563	NC_000020.10
cg04990571	1.03E-12	5.23E-14	-8.12	20.9189141	-7.47E-02	43892908	43893031	NC_000010.10
cg19514694	1.04E-12	5.24E-14	-8.12	20.9168753	-8.82E-02	147830561	147830684	NC_000006.11
cg22026616	1.04E-12	5.24E-14	-8.12	20.9160615	-1.71E-01	45275340	45275463	NC_000001.10

cg08437570	1.04E-12	5.24E-14	-8.12	20.9159015	-1.63E-01	104195699	104195822	NC_000010.10
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cg20140201	1.04E-12	5.26E-14	-8.12	20.9136397	-1.83E-01	241835670	241835793	NC_000002.11
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cg12556823	1.04E-12	5.27E-14	-8.12	20.9106812	-1.82E-01	21023485	21023608	NC_000006.11
cg06481431	1.05E-12	5.29E-14	-8.12	20.9079984	-1.67E-01	6745321	6745444	NC_000019.9
cg21072937	1.05E-12	5.30E-14	-8.12	20.9056406	-1.07E-01	7982306	7982429	NC_000019.9
cg07678594	1.05E-12	5.33E-14	-8.11	20.9005668	-1.50E-01	39929383	39929506	NC_000017.10
cg03466986	1.05E-12	5.33E-14	-8.11	20.899583	-1.31E-01	13617171	13617294	NC_000003.11
cg01446731	1.05E-12	5.34E-14	-8.11	20.898784	-1.74E-01	80770633	80770756	NC_000015.9
cg24343361	1.06E-12	5.35E-14	-8.11	20.8969782	-9.70E-02	48884089	48884212	NC_000022.10
cg12263377	1.06E-12	5.37E-14	-8.11	20.8931752	-1.29E-01	237982246	237982369	NC_000002.11
cg07563400	1.06E-12	5.37E-14	-8.11	20.8931161	-1.18E-01	15849556	15849679	NC_000017.10
ch.3.1226245F	1.06E-12	5.37E-14	-8.11	20.8927174	-1.34E-01	55731563	55731686	NC_000003.11
cg24197567	1.06E-12	5.38E-14	-8.11	20.8904844	-1.50E-01	116346853	116346976	NC_000007.13
cg15869463	1.07E-12	5.39E-14	-8.11	20.8883193	-7.86E-02	62777690	62777813	NC_000017.10
cg04482628	1.07E-12	5.39E-14	-8.11	20.8882837	-1.71E-01	36581751	36581874	NC_000001.10
cg22718891	1.07E-12	5.39E-14	-8.11	20.8882155	-1.42E-01	52035148	52035271	NC_000001.10
cg20170271	1.07E-12	5.40E-14	-8.11	20.8861697	-1.86E-01	38034681	38034804	NC_000022.10
cg11756095	1.07E-12	5.42E-14	-8.11	20.8840212	-2.31E-01	32410614	32410737	NC_000001.10
cg04563438	1.07E-12	5.42E-14	-8.11	20.8833474	-6.73E-02	42065244	42065367	NC_000008.10
cg09399371	1.07E-12	5.42E-14	-8.11	20.8825411	-1.19E-01	24702584	24702707	NC_000014.8
cg09808774	1.07E-12	5.43E-14	-8.11	20.8815782	-1.29E-01	72933718	72933841	NC_000017.10
cg00006459	1.07E-12	5.43E-14	-8.11	20.8815544	-1.43E-01	148635716	148635839	NC_000004.11
cg00244634	1.07E-12	5.43E-14	-8.11	20.8809466	-6.59E-02	100661419	100661542	NC_000012.11

cg20910408	1.07E-12	5.44E-14	-8.11	20.8801473	-1.80E-01	44801589	44801712	NC_000007.13
cg14352298	1.07E-12	5.44E-14	-8.11	20.8797285	-1.22E-01	112236639	112236762	NC_000013.10
cg05492810	1.07E-12	5.44E-14	-8.11	20.8795359	-6.88E-02	78129288	78129411	NC_000011.9
cg19672993	1.07E-12	5.44E-14	-8.11	20.879451	-7.27E-02	70160734	70160857	NC_000007.13
cg05334655	1.07E-12	5.44E-14	-8.11	20.8792433	-1.50E-01	23890294	23890417	NC_000014.8
cg23982279	1.08E-12	5.47E-14	-8.11	20.8746277	-9.82E-02	178790077	178790200	NC_000003.11
cg23040782	1.08E-12	5.48E-14	-8.11	20.8718844	-1.22E-01	6762215	6762338	NC_000001.10
cg16449262	1.08E-12	5.48E-14	-8.11	20.8717631	-1.05E-01	49307459	49307582	NC_000016.9
cg15898874	1.09E-12	5.50E-14	-8.11	20.8681283	-1.62E-01	96515411	96515534	NC_000015.9
cg02524236	1.09E-12	5.52E-14	-8.11	20.8654314	-2.07E-01	128086694	128086817	NC_000010.10
cg18098065	1.09E-12	5.52E-14	-8.11	20.8652333	-1.89E-01	1765820	1765943	NC_000008.10
cg21774136	1.09E-12	5.52E-14	-8.11	20.8652318	-1.79E-01	8593495	8593618	NC_000001.10
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cg08828193	1.09E-12	5.54E-14	-8.11	20.8620917	-1.78E-01	179725	179848	NC_000010.10
cg09031790	1.09E-12	5.55E-14	-8.11	20.8608265	-1.47E-01	24129948	24130071	NC_000016.9
cg12952136	1.10E-12	5.56E-14	-8.11	20.8587207	-5.42E-02	71705777	71705900	NC_000004.11
cg18951718	1.10E-12	5.56E-14	-8.11	20.8584046	-1.13E-01	6745343	6745466	NC_000012.11
cg18838431	1.10E-12	5.57E-14	-8.11	20.8572651	-1.38E-01	74178800	74178923	NC_000011.9
cg23677291	1.10E-12	5.57E-14	-8.11	20.856556	-1.27E-01	56923527	56923650	NC_000011.9
cg17126924	1.10E-12	5.58E-14	-8.11	20.8541284	-2.17E-01	25773641	25773764	NC_000017.10
cg25026715	1.10E-12	5.59E-14	-8.11	20.8526592	-6.11E-02	26989248	26989371	NC_000017.10
cg20250396	1.10E-12	5.59E-14	-8.11	20.8522025	-3.89E-02	65880036	65880159	NC_000014.8
cg26796518	1.10E-12	5.61E-14	-8.11	20.8499951	-1.57E-01	6184516	6184639	NC_000012.11
cg14571004	1.10E-12	5.61E-14	-8.11	20.8498965	-1.89E-01	101568975	101569098	NC_000009.11
cg05040348	1.11E-12	5.61E-14	-8.11	20.8492792	-1.72E-01	69497246	69497369	NC_000008.10

cg16273051	1.11E-12	5.61E-14	-8.11	20.8486886	-1.71E-01	129132966	129133089	NC_000003.11
cg14543953	1.11E-12	5.62E-14	-8.11	20.8483904	-2.13E-01	102669090	102669213	NC_000011.9
cg05570980	1.11E-12	5.63E-14	-8.11	20.8461403	-6.96E-02	111804983	111805106	NC_000003.11
cg23953133	1.11E-12	5.64E-14	-8.11	20.8444493	-6.12E-02	126112875	126112998	NC_000005.9
cg15259904	1.11E-12	5.64E-14	-8.11	20.8440351	-1.75E-01	55559213	55559336	NC_000006.11
cg04647835	1.11E-12	5.64E-14	-8.11	20.8438877	-1.96E-01	131495998	131496121	NC_000008.10
cg05942508	1.11E-12	5.64E-14	-8.11	20.8435155	-1.51E-01	113846922	113847045	NC_000011.9
cg23028654	1.11E-12	5.66E-14	-8.1	20.8405343	-9.61E-02	14597729	14597852	NC_000003.11
cg05095774	1.12E-12	5.67E-14	-8.1	20.8392607	-5.41E-02	52495848	52495971	NC_000018.9
cg13512948	1.12E-12	5.68E-14	-8.1	20.837082	-1.65E-01	53427431	53427554	NC_000014.8
cg03809847	1.12E-12	5.69E-14	-8.1	20.8361602	-1.58E-01	79093482	79093605	NC_000017.10
cg06786219	1.12E-12	5.69E-14	-8.1	20.83458	-2.06E-01	124499653	124499776	NC_000003.11
cg20490126	1.12E-12	5.71E-14	-8.1	20.8325622	-5.33E-02	25870007	25870130	NC_000001.10
cg11480762	1.12E-12	5.71E-14	-8.1	20.8312966	-1.52E-01	73103395	73103518	NC_000010.10
cg08038409	1.12E-12	5.72E-14	-8.1	20.8302977	-9.66E-02	825155	825278	NC_000020.10
cg05380304	1.13E-12	5.72E-14	-8.1	20.8297303	-1.27E-01	7755739	7755862	NC_000004.11
cg12134570	1.13E-12	5.72E-14	-8.1	20.8294418	-8.76E-02	13213428	13213551	NC_000019.9
cg07601804	1.13E-12	5.73E-14	-8.1	20.828877	-9.16E-02	9023134	9023257	NC_000001.10
cg20324262	1.13E-12	5.73E-14	-8.1	20.8281036	-6.19E-02	12958871	12958994	NC_000019.9
cg00458927	1.13E-12	5.75E-14	-8.1	20.824816	-1.90E-01	62116573	62116696	NC_000002.11
cg14551182	1.13E-12	5.77E-14	-8.1	20.8219089	-3.96E-02	16626476	16626599	NC_000011.9
cg02057755	1.13E-12	5.77E-14	-8.1	20.8215616	-1.37E-01	48998823	48998946	NC_000001.10
cg17727529	1.14E-12	5.77E-14	-8.1	20.8208248	-8.21E-02	156399685	156399808	NC_000001.10
ch.6.1541695F	1.14E-12	5.78E-14	-8.1	20.8202829	-5.74E-02	74179016	74179139	NC_000006.11
cg05726239	1.14E-12	5.79E-14	-8.1	20.8176612	-2.22E-01	107816677	107816800	NC_000006.11

cg14313310	1.14E-12	5.79E-14	-8.1	20.8174209	-6.19E-02	184006816	184006939	NC_000001.10
cg21222743	1.14E-12	5.80E-14	-8.1	20.816764	-1.31E-01	31543545	31543668	NC_000006.11
cg15563184	1.15E-12	5.83E-14	-8.1	20.8114392	-1.39E-01	33228498	33228621	NC_000006.11
cg24146408	1.15E-12	5.85E-14	-8.1	20.8084731	-6.46E-02	15374317	15374440	NC_000003.11
cg03091776	1.15E-12	5.86E-14	-8.1	20.8067735	-7.22E-02	74735468	74735591	NC_000004.11
cg27127099	1.15E-12	5.87E-14	-8.1	20.8039295	-5.10E-02	150158597	150158720	NC_000005.9
cg23838943	1.15E-12	5.88E-14	-8.1	20.8033664	-1.76E-01	5049135	5049258	NC_000019.9
cg08284233	1.16E-12	5.88E-14	-8.1	20.8027649	-1.88E-01	20370531	20370654	NC_000016.9
cg16846518	1.16E-12	5.88E-14	-8.1	20.8027438	-1.17E-01	128062608	128062731	NC_000003.11
cg05682581	1.16E-12	5.90E-14	-8.1	20.8002898	-1.61E-01	929958	930081	NC_000008.10
cg01017395	1.16E-12	5.90E-14	-8.1	20.7994978	-1.51E-01	12609957	12610080	NC_000001.10
cg04374102	1.16E-12	5.90E-14	-8.1	20.7990512	-5.38E-02	7340813	7340936	NC_000017.10
cg07868195	1.16E-12	5.91E-14	-8.1	20.7981099	-6.86E-02	85581697	85581820	NC_000002.11
ch.1.2988748F	1.16E-12	5.92E-14	-8.1	20.7967064	-5.91E-02	154230586	154230709	NC_000001.10
cg00969823	1.16E-12	5.92E-14	-8.1	20.7958535	-9.66E-02	34958499	34958622	NC_000009.11
cg25383615	1.16E-12	5.93E-14	-8.1	20.7946854	-1.04E-01	65652312	65652435	NC_000003.11
cg15615645	1.17E-12	5.95E-14	-8.1	20.7915191	-2.28E-01	104543040	104543163	NC_000010.10
cg18034299	1.17E-12	5.95E-14	-8.1	20.7908339	-8.74E-02	172359680	172359803	NC_000005.9
cg03459008	1.17E-12	5.96E-14	-8.1	20.789545	-3.59E-02	160472720	160472843	NC_000002.11
cg05429448	1.17E-12	5.97E-14	-8.1	20.7888184	-2.41E-01	101659630	101659753	NC_000003.11
cg07699978	1.17E-12	5.97E-14	-8.1	20.7883341	-1.93E-01	63194001	63194124	NC_000012.11
cg18188916	1.17E-12	5.97E-14	-8.1	20.7880528	-1.83E-01	158103335	158103458	NC_000002.11
cg23753748	1.17E-12	5.99E-14	-8.1	20.7849298	-1.31E-01	105212808	105212931	NC_000010.10
cg08717396	1.17E-12	5.99E-14	-8.1	20.7848068	-8.08E-02	27100775	27100898	NC_000006.11
cg14083146	1.18E-12	6.01E-14	-8.1	20.7816361	-1.55E-01	20694136	20694259	NC_000020.10



cg10092158	1.19E-12	6.05E-14	-8.09	20.775339	-6.87E-02	151584907	151585030	NC_000001.10
ch.8.214553F	1.19E-12	6.05E-14	-8.09	20.7753149	-6.60E-02	8189620	8189743	NC_000008.10
cg23094080	1.19E-12	6.08E-14	-8.09	20.770135	-5.86E-02	145550361	145550484	NC_000008.10
cg16479173	1.19E-12	6.08E-14	-8.09	20.7692929	-5.89E-02	47290859	47290982	NC_000011.9
cg10414736	1.19E-12	6.09E-14	-8.09	20.769162	-4.89E-02	26521747	26521870	NC_000006.11
ch.10.202299R	1.19E-12	6.09E-14	-8.09	20.7685099	-8.05E-02	6548100	6548223	NC_000010.10
cg12591315	1.19E-12	6.09E-14	-8.09	20.7682825	-1.79E-01	10022688	10022811	NC_000012.11
cg24235037	1.19E-12	6.09E-14	-8.09	20.7677639	-6.03E-02	160919532	160919655	NC_000002.11
cg11006812	1.19E-12	6.10E-14	-8.09	20.7672709	-1.09E-01	113044437	113044560	NC_000001.10
cg19451435	1.20E-12	6.10E-14	-8.09	20.7667177	-7.04E-02	158402916	158403039	NC_000006.11
cg06435363	1.20E-12	6.13E-14	-8.09	20.7620015	-2.25E-01	17206671	17206794	NC_000008.10
cg00852033	1.20E-12	6.13E-14	-8.09	20.7615542	-1.01E-01	2058572	2058695	NC_000016.9
cg14405839	1.20E-12	6.13E-14	-8.09	20.761493	-1.12E-01	72774855	72774978	NC_000009.11
cg10538454	1.20E-12	6.14E-14	-8.09	20.7600709	-5.16E-02	48238843	48238966	NC_000017.10
cg16850150	1.21E-12	6.16E-14	-8.09	20.757774	-1.29E-01	16490241	16490364	NC_000003.11
cg11074232	1.21E-12	6.16E-14	-8.09	20.7569117	-1.01E-01	173037800	173037923	NC_000002.11
cg10047740	1.21E-12	6.17E-14	-8.09	20.7557319	-1.51E-01	18499098	18499221	NC_000019.9
cg19474571	1.21E-12	6.17E-14	-8.09	20.7553233	-1.18E-01	31701944	31702067	NC_000006.11
cg18276135	1.21E-12	6.18E-14	-8.09	20.7541972	-1.04E-01	194498	194621	NC_000011.9
cg05204532	1.21E-12	6.20E-14	-8.09	20.7506215	-1.09E-01	8597177	8597300	NC_000002.11
cg23973417	1.22E-12	6.21E-14	-8.09	20.7486899	-8.87E-02	116164753	116164876	NC_000007.13
cg25755057	1.22E-12	6.22E-14	-8.09	20.7477593	-1.52E-01	76323667	76323790	NC_000013.10
ch.5.1264897R	1.22E-12	6.22E-14	-8.09	20.747644	-3.93E-02	66306121	66306244	NC_000005.9
cg15062470	1.22E-12	6.23E-14	-8.09	20.7455863	-1.41E-01	27718710	27718833	NC_000002.11
cg07789559	1.22E-12	6.24E-14	-8.09	20.7446104	-4.44E-02	47730030	47730153	NC_000019.9

cg19106968	1.22E-12	6.25E-14	-8.09	20.7425882	-2.04E-01	135149666	135149789	NC_000002.11
cg04099180	1.22E-12	6.25E-14	-8.09	20.7423708	-4.88E-02	46662651	46662774	NC_000017.10
cg15384453	1.22E-12	6.26E-14	-8.09	20.7413499	-7.40E-02	30070082	30070205	NC_000006.11
cg22839308	1.23E-12	6.27E-14	-8.09	20.7390021	-2.29E-01	38807259	38807382	NC_000004.11
cg04587910	1.23E-12	6.29E-14	-8.09	20.737009	-7.52E-02	220025744	220025867	NC_000002.11
cg07959609	1.23E-12	6.29E-14	-8.09	20.7359977	-1.52E-01	16466380	16466503	NC_000001.10
cg02552255	1.23E-12	6.31E-14	-8.09	20.7336334	-1.67E-01	103104330	103104453	NC_000002.11
cg20447538	1.23E-12	6.31E-14	-8.09	20.7327009	-1.10E-01	99625515	99625638	NC_000010.10
cg09060469	1.24E-12	6.33E-14	-8.09	20.7298381	-1.58E-01	204912595	204912718	NC_000001.10
ch.10.845914F	1.24E-12	6.34E-14	-8.09	20.727981	-6.72E-02	33501874	33501997	NC_000010.10
cg08194212	1.24E-12	6.36E-14	-8.09	20.7252511	-1.28E-01	69179935	69180058	NC_000004.11
cg15663823	1.24E-12	6.36E-14	-8.09	20.7250805	-1.60E-01	64103336	64103459	NC_000005.9
cg07438888	1.24E-12	6.37E-14	-8.09	20.7239973	-8.26E-02	34529890	34530013	NC_000014.8
ch.11.1155333R	1.25E-12	6.37E-14	-8.09	20.7235014	-5.56E-02	60687684	60687807	NC_000011.9
cg08639379	1.25E-12	6.38E-14	-8.09	20.7220231	-1.60E-01	95018889	95019012	NC_000001.10
cg25140945	1.25E-12	6.39E-14	-8.09	20.7211392	-5.70E-02	3816479	3816602	NC_000001.10
cg06810490	1.25E-12	6.39E-14	-8.09	20.7208041	-1.50E-01	65449491	65449614	NC_000007.13
cg08032476	1.25E-12	6.39E-14	-8.09	20.7205822	-1.74E-01	27045176	27045299	NC_000017.10
cg14118062	1.25E-12	6.41E-14	-8.08	20.7172011	-7.30E-02	25258833	25258956	NC_000013.10
cg01742680	1.25E-12	6.42E-14	-8.08	20.7169336	-6.55E-02	152879841	152879964	NC_000003.11
cg05564090	1.25E-12	6.42E-14	-8.08	20.7160808	-9.00E-02	33181864	33181987	NC_000006.11
cg09657538	1.25E-12	6.42E-14	-8.08	20.7159652	-5.37E-02	89445094	89445217	NC_000004.11
cg14204619	1.26E-12	6.43E-14	-8.08	20.7152761	-2.01E-01	1469370	1469493	NC_000011.9
cg19772651	1.26E-12	6.43E-14	-8.08	20.7150725	-1.50E-01	57351191	57351314	NC_000012.11
cg06944112	1.26E-12	6.44E-14	-8.08	20.7137394	-1.66E-01	71578685	71578808	NC_000008.10

cg13313294	1.26E-12	6.44E-14	-8.08	20.712881	-1.45E-01	231646024	231646147	NC_000002.11
cg03963011	1.26E-12	6.45E-14	-8.08	20.7117945	-6.43E-02	128418551	128418674	NC_000011.9
cg06345909	1.26E-12	6.45E-14	-8.08	20.7116695	-1.42E-01	30645310	30645433	NC_000022.10
cg14974711	1.26E-12	6.45E-14	-8.08	20.7115037	-4.46E-02	3096477	3096600	NC_000016.9
cg01402409	1.26E-12	6.46E-14	-8.08	20.7106057	-7.09E-02	78978133	78978256	NC_000004.11
cg23051349	1.26E-12	6.46E-14	-8.08	20.7104032	-1.14E-01	104094779	104094902	NC_000014.8
cg00851154	1.26E-12	6.47E-14	-8.08	20.7083215	-7.15E-02	26690578	26690701	NC_000001.10
cg22603542	1.26E-12	6.48E-14	-8.08	20.7076323	-5.21E-02	166945234	166945357	NC_000001.10
cg05341549	1.27E-12	6.48E-14	-8.08	20.7067383	-1.24E-01	9774742	9774865	NC_000001.10
cg21205663	1.27E-12	6.48E-14	-8.08	20.7067328	-2.10E-01	31269011	31269134	NC_000003.11
cg21330896	1.27E-12	6.49E-14	-8.08	20.704981	-2.40E-01	28205705	28205828	NC_000008.10
cg12564526	1.27E-12	6.49E-14	-8.08	20.7048692	-5.94E-02	66767603	66767726	NC_000007.13
ch.16.2072386R	1.27E-12	6.50E-14	-8.08	20.7038477	-5.45E-02	87503022	87503145	NC_000016.9
cg13300911	1.27E-12	6.52E-14	-8.08	20.701324	-4.48E-02	42119951	42120074	NC_000015.9
cg22263405	1.27E-12	6.53E-14	-8.08	20.6996176	-5.89E-02	42259244	42259367	NC_000018.9
cg25203286	1.28E-12	6.54E-14	-8.08	20.6979905	-1.53E-01	32070275	32070398	NC_000018.9
cg22841110	1.28E-12	6.58E-14	-8.08	20.6917936	-5.95E-02	64053472	64053595	NC_000011.9
cg12940991	1.28E-12	6.58E-14	-8.08	20.6917832	-1.21E-01	77525744	77525867	NC_000014.8
cg23752651	1.29E-12	6.59E-14	-8.08	20.6900393	-2.21E-01	6442966	6443089	NC_000012.11
ch.8.102115565R	1.29E-12	6.60E-14	-8.08	20.6896112	-5.63E-02	102046389	102046512	NC_000008.10
cg07261186	1.29E-12	6.60E-14	-8.08	20.6883867	-2.05E-01	81070689	81070812	NC_000010.10
cg24055398	1.29E-12	6.62E-14	-8.08	20.6866988	-3.74E-02	73127994	73128117	NC_000017.10
cg05211836	1.29E-12	6.63E-14	-8.08	20.6844336	-1.28E-01	16999576	16999699	NC_000019.9
cg05913197	1.29E-12	6.63E-14	-8.08	20.6841779	-4.92E-02	166796386	166796509	NC_000006.11
cg03798986	1.29E-12	6.64E-14	-8.08	20.6834078	-1.51E-01	101979368	101979491	NC_000015.9

cg08467687	1.29E-12	6.64E-14	-8.08	20.6832996	-8.11E-02	31317914	31318037	NC_000022.10
cg16241861	1.29E-12	6.64E-14	-8.08	20.683103	-7.97E-02	103995231	103995354	NC_000014.8
cg09528494	1.30E-12	6.66E-14	-8.08	20.6800946	-1.55E-01	11338675	11338798	NC_000008.10
cg25261059	1.30E-12	6.68E-14	-8.08	20.67776	-7.52E-02	44031185	44031308	NC_000019.9
cg23590159	1.30E-12	6.69E-14	-8.08	20.6750131	-1.20E-01	26629895	26630018	NC_000001.10
cg15044181	1.31E-12	6.71E-14	-8.08	20.6729115	-1.38E-01	160458148	160458271	NC_000006.11
cg01638175	1.31E-12	6.73E-14	-8.08	20.6700727	-6.40E-02	49171179	49171302	NC_000003.11
cg04899273	1.31E-12	6.73E-14	-8.08	20.6695628	-1.48E-01	96443195	96443318	NC_000010.10
cg17173187	1.31E-12	6.74E-14	-8.08	20.6687445	-1.05E-01	85201210	85201333	NC_000015.9
cg18376288	1.31E-12	6.74E-14	-8.08	20.6682503	-1.33E-01	8181555	8181678	NC_000001.10
cg18067134	1.31E-12	6.74E-14	-8.08	20.6678103	-1.58E-01	71084634	71084757	NC_000003.11
cg12533496	1.31E-12	6.75E-14	-8.08	20.6671861	-1.29E-01	26859931	26860054	NC_000017.10
cg06034096	1.32E-12	6.76E-14	-8.08	20.6647287	-7.05E-02	74663680	74663803	NC_000001.10
cg21578195	1.32E-12	6.77E-14	-8.08	20.6646359	-1.21E-01	62168727	62168850	NC_000020.10
cg26370484	1.32E-12	6.77E-14	-8.08	20.6639526	-1.40E-01	104007480	104007603	NC_000008.10
cg01423916	1.32E-12	6.78E-14	-8.08	20.6619032	-2.44E-01	47885166	47885289	NC_000011.9
cg24659295	1.32E-12	6.80E-14	-8.08	20.6597625	-1.58E-01	51680516	51680639	NC_000001.10
cg02227879	1.32E-12	6.80E-14	-8.08	20.6594	-2.03E-01	75576192	75576315	NC_000010.10
cg01790530	1.32E-12	6.81E-14	-8.07	20.6581305	-1.16E-01	73929765	73929888	NC_000002.11
cg15369784	1.33E-12	6.81E-14	-8.07	20.6578788	-1.58E-01	36906565	36906688	NC_000006.11
cg11691093	1.33E-12	6.82E-14	-8.07	20.6560586	-2.25E-01	36727373	36727496	NC_000022.10
cg14602393	1.33E-12	6.84E-14	-8.07	20.6544531	-1.48E-01	133343405	133343528	NC_000012.11
cg08529654	1.33E-12	6.85E-14	-8.07	20.6524699	-1.10E-01	15305938	15306061	NC_000019.9
cg03460527	1.33E-12	6.86E-14	-8.07	20.6508086	-6.93E-02	95008117	95008240	NC_000001.10
cg09104660	1.34E-12	6.87E-14	-8.07	20.6496174	-1.46E-01	57635479	57635602	NC_000012.11

cg26087862	1.34E-12	6.88E-14	-8.07	20.6485279	-7.41E-02	150602029	150602152	NC_000001.10
cg17447502	1.34E-12	6.88E-14	-8.07	20.6476665	-8.93E-02	6478857	6478980	NC_000001.10
cg18108818	1.34E-12	6.89E-14	-8.07	20.6469483	-2.24E-01	102574475	102574598	NC_000007.13
cg03338933	1.34E-12	6.89E-14	-8.07	20.6466195	-1.38E-01	77287345	77287468	NC_000015.9
cg08426898	1.34E-12	6.89E-14	-8.07	20.645911	-1.95E-01	174916731	174916854	NC_000002.11
cg07472196	1.34E-12	6.90E-14	-8.07	20.6456003	-9.35E-02	99801503	99801626	NC_000003.11
cg03421657	1.34E-12	6.90E-14	-8.07	20.6455365	-1.81E-01	166039754	166039877	NC_000001.10
ch.1.2890885R	1.34E-12	6.91E-14	-8.07	20.6434579	-6.34E-02	150319305	150319428	NC_000001.10
ch.5.1325793F	1.35E-12	6.93E-14	-8.07	20.6411803	-3.99E-02	70784859	70784982	NC_000005.9
cg20977448	1.35E-12	6.93E-14	-8.07	20.6406688	-7.32E-02	148725594	148725717	NC_000005.9
cg13697387	1.35E-12	6.93E-14	-8.07	20.6405911	-9.01E-02	152670843	152670966	NC_000001.10
cg14830371	1.35E-12	6.94E-14	-8.07	20.6395305	-9.71E-02	25991602	25991725	NC_000008.10
cg17518962	1.35E-12	6.94E-14	-8.07	20.6393318	-7.79E-02	99766552	99766675	NC_000007.13
cg01250001	1.35E-12	6.95E-14	-8.07	20.6379385	-1.83E-01	103758088	103758211	NC_000008.10
cg19867107	1.35E-12	6.96E-14	-8.07	20.6372582	-2.29E-01	142255537	142255660	NC_000008.10
cg27515255	1.35E-12	6.96E-14	-8.07	20.6361149	-6.74E-02	30279318	30279441	NC_000022.10
cg24056567	1.35E-12	6.98E-14	-8.07	20.6344781	-8.91E-02	18871909	18872032	NC_000008.10
cg02427576	1.36E-12	7.02E-14	-8.07	20.6279305	-1.93E-01	125808164	125808287	NC_000005.9
cg13266096	1.36E-12	7.03E-14	-8.07	20.6269957	-1.73E-01	62366806	62366929	NC_000011.9
cg06255601	1.36E-12	7.03E-14	-8.07	20.6267872	-2.13E-01	51086835	51086958	NC_000013.10
cg04903916	1.37E-12	7.05E-14	-8.07	20.6245013	-1.44E-01	33638413	33638536	NC_000006.11
cg04500239	1.37E-12	7.06E-14	-8.07	20.6221903	-8.41E-02	118502178	118502301	NC_000001.10
cg13390372	1.37E-12	7.07E-14	-8.07	20.6218053	-1.31E-01	6753778	6753901	NC_000004.11
cg07671221	1.37E-12	7.07E-14	-8.07	20.6212425	-7.35E-02	150070714	150070837	NC_000006.11
ch.9.138894394R	1.37E-12	7.08E-14	-8.07	20.6201982	-5.76E-02	139774573	139774696	NC_000009.11

cg13432945	1.37E-12	7.08E-14	-8.07	20.6195161	-1.59E-01	59193388	59193511	NC_000001.10
cg25388707	1.37E-12	7.09E-14	-8.07	20.6190432	-5.78E-02	33168462	33168585	NC_000006.11
cg14976391	1.37E-12	7.09E-14	-8.07	20.6190309	-1.10E-01	119181492	119181615	NC_000011.9
cg27131176	1.37E-12	7.09E-14	-8.07	20.6186475	-6.36E-02	46450114	46450237	NC_000022.10
cg25144893	1.38E-12	7.09E-14	-8.07	20.6179726	-1.02E-01	63792210	63792333	NC_000001.10
cg09407223	1.38E-12	7.10E-14	-8.07	20.6162907	-1.09E-01	67302039	67302162	NC_000016.9
cg20161984	1.38E-12	7.11E-14	-8.07	20.6150376	-6.48E-02	84205961	84206084	NC_000004.11
cg04214573	1.38E-12	7.13E-14	-8.07	20.6121722	-1.08E-01	114135847	114135970	NC_000010.10
cg12596182	1.38E-12	7.14E-14	-8.07	20.611207	-1.36E-01	70082885	70083008	NC_000012.11
cg02051941	1.39E-12	7.16E-14	-8.07	20.6092169	-1.33E-01	54954596	54954719	NC_000014.8
cg20630683	1.39E-12	7.19E-14	-8.07	20.6051797	-4.48E-02	32812637	32812760	NC_000006.11
cg10593028	1.40E-12	7.20E-14	-8.07	20.6033961	-2.21E-01	108422791	108422914	NC_000011.9
cg03462604	1.40E-12	7.20E-14	-8.07	20.6031921	-1.46E-01	26995110	26995233	NC_000002.11
cg14527456	1.40E-12	7.20E-14	-8.07	20.6026789	-1.03E-01	74100987	74101110	NC_000014.8
cg26617272	1.40E-12	7.23E-14	-8.07	20.5990366	-1.12E-01	43279726	43279849	NC_000001.10
cg23970523	1.40E-12	7.23E-14	-8.07	20.598847	-7.78E-02	18654267	18654390	NC_000019.9
cg26530341	1.40E-12	7.24E-14	-8.06	20.5974467	-1.89E-01	23083353	23083476	NC_000008.10
cg02683846	1.40E-12	7.25E-14	-8.06	20.5964663	-9.95E-02	36238178	36238301	NC_000006.11
cg26706803	1.40E-12	7.25E-14	-8.06	20.5963901	-2.44E-01	50293530	50293653	NC_000016.9
cg20443278	1.40E-12	7.25E-14	-8.06	20.5963406	-1.12E-01	77962098	77962221	NC_000017.10
cg08949621	1.40E-12	7.25E-14	-8.06	20.596203	-5.84E-02	42265044	42265167	NC_000015.9
cg12963656	1.41E-12	7.28E-14	-8.06	20.5924445	-2.31E-01	101659687	101659810	NC_000003.11
cg09890077	1.41E-12	7.31E-14	-8.06	20.5883382	-1.58E-01	175056652	175056775	NC_000003.11
cg05308792	1.42E-12	7.31E-14	-8.06	20.5875915	-1.62E-01	1578807	1578930	NC_000016.9
cg17046823	1.42E-12	7.32E-14	-8.06	20.5862005	-8.08E-02	16256992	16257115	NC_000017.10

cg06874323	1.42E-12	7.33E-14	-8.06	20.5851973	-1.08E-01	102986525	102986648	NC_000010.10
cg12073167	1.42E-12	7.35E-14	-8.06	20.582977	-3.71E-02	19770448	19770571	NC_000017.10
cg26360953	1.43E-12	7.36E-14	-8.06	20.5809291	-1.70E-01	6784749	6784872	NC_000001.10
cg00979582	1.43E-12	7.37E-14	-8.06	20.5803609	-5.36E-02	976940	977063	NC_000010.10
cg27353361	1.43E-12	7.40E-14	-8.06	20.5761514	-1.18E-01	108145420	108145543	NC_000006.11
cg03720390	1.43E-12	7.41E-14	-8.06	20.5745993	-1.34E-01	28912126	28912249	NC_000006.11
cg26902350	1.43E-12	7.41E-14	-8.06	20.574454	-1.59E-01	137984018	137984141	NC_000007.13
cg19554281	1.43E-12	7.42E-14	-8.06	20.5739126	-1.79E-01	39726997	39727120	NC_000015.9
cg23253961	1.44E-12	7.45E-14	-8.06	20.5699648	-1.64E-01	62394494	62394617	NC_000014.8
cg11155265	1.44E-12	7.45E-14	-8.06	20.569829	-1.06E-01	23811445	23811568	NC_000001.10
cg27380915	1.44E-12	7.45E-14	-8.06	20.5689657	-1.79E-01	12796513	12796636	NC_000007.13
cg20670679	1.45E-12	7.49E-14	-8.06	20.5643859	-1.84E-01	157561786	157561909	NC_000007.13
cg20923885	1.45E-12	7.52E-14	-8.06	20.5602091	-1.96E-01	75473610	75473733	NC_000017.10
cg23328404	1.45E-12	7.52E-14	-8.06	20.5600235	-2.43E-01	19539991	19540114	NC_000008.10
cg08066035	1.46E-12	7.53E-14	-8.06	20.5584059	-1.48E-01	16999614	16999737	NC_000019.9
cg04762129	1.46E-12	7.56E-14	-8.06	20.5546937	-1.21E-01	34105785	34105908	NC_000006.11
cg06007201	1.46E-12	7.57E-14	-8.06	20.5541174	-1.74E-01	88850218	88850341	NC_000016.9
cg10963192	1.47E-12	7.59E-14	-8.06	20.5511586	-5.61E-02	100751514	100751637	NC_000014.8
cg12978582	1.47E-12	7.59E-14	-8.06	20.5510579	-1.23E-01	44150888	44151011	NC_000007.13
cg01084379	1.47E-12	7.59E-14	-8.06	20.5507891	-6.27E-02	179160712	179160835	NC_000005.9
cg24351658	1.47E-12	7.60E-14	-8.06	20.5503706	-1.18E-01	42126724	42126847	NC_000001.10
cg05383531	1.47E-12	7.62E-14	-8.06	20.5471192	-1.52E-01	49384054	49384177	NC_000003.11
cg02893823	1.47E-12	7.63E-14	-8.06	20.5464876	-5.77E-02	39684544	39684667	NC_000017.10
cg09184502	1.47E-12	7.63E-14	-8.06	20.5460389	-3.99E-02	106958474	106958597	NC_000006.11
cg20005923	1.47E-12	7.63E-14	-8.06	20.5458332	-1.01E-01	76227280	76227403	NC_000017.10

cg12827601	1.48E-12	7.64E-14	-8.06	20.5452248	-1.44E-01	73196969	73197092	NC_000005.9
cg07737503	1.48E-12	7.64E-14	-8.06	20.5443231	-1.88E-01	1132895	1133018	NC_000019.9
cg16414143	1.48E-12	7.66E-14	-8.06	20.5422314	-1.53E-01	6507490	6507613	NC_000001.10
cg12788666	1.48E-12	7.66E-14	-8.06	20.5420191	-1.48E-01	75443246	75443369	NC_000007.13
cg13935127	1.48E-12	7.66E-14	-8.06	20.5415421	-1.48E-01	41128874	41128997	NC_000001.10
cg26800802	1.48E-12	7.67E-14	-8.06	20.5414045	-1.02E-01	139859464	139859587	NC_000007.13
cg09036996	1.48E-12	7.67E-14	-8.06	20.5412757	-1.44E-01	6752895	6753018	NC_000019.9
cg12235073	1.48E-12	7.67E-14	-8.06	20.5410804	-1.60E-01	6270423	6270546	NC_000010.10
cg14281092	1.48E-12	7.67E-14	-8.06	20.5406731	-1.17E-01	153226118	153226241	NC_000002.11
cg09934056	1.48E-12	7.69E-14	-8.06	20.5385317	-9.91E-02	8400203	8400326	NC_000019.9
cg00261668	1.49E-12	7.72E-14	-8.05	20.5338951	-1.28E-01	16346317	16346440	NC_000001.10
cg11718677	1.50E-12	7.77E-14	-8.05	20.5276791	-5.03E-02	241172452	241172575	NC_000002.11
cg18982477	1.50E-12	7.77E-14	-8.05	20.5274332	-1.56E-01	37644098	37644221	NC_000004.11
cg06586775	1.50E-12	7.79E-14	-8.05	20.5258212	-4.92E-02	34204993	34205116	NC_000020.10
cg24963443	1.51E-12	7.82E-14	-8.05	20.5219626	-6.21E-02	180673122	180673245	NC_000005.9
cg17893669	1.51E-12	7.82E-14	-8.05	20.5217383	-1.75E-01	18771179	18771302	NC_000019.9
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cg13957126	1.51E-12	7.82E-14	-8.05	20.5215776	-1.59E-01	5597849	5597972	NC_000007.13
cg23483894	1.51E-12	7.82E-14	-8.05	20.5213661	-1.29E-01	65646612	65646735	NC_000011.9
cg08664568	1.51E-12	7.86E-14	-8.05	20.5171702	-1.22E-01	39598712	39598835	NC_000001.10
cg14556762	1.52E-12	7.86E-14	-8.05	20.5161442	-2.03E-01	170532470	170532593	NC_000001.10
cg13984512	1.52E-12	7.87E-14	-8.05	20.5158036	-6.67E-02	145438431	145438554	NC_000001.10
cg16626405	1.52E-12	7.87E-14	-8.05	20.5157135	-4.14E-02	33297424	33297547	NC_000020.10
cg01518465	1.52E-12	7.90E-14	-8.05	20.5121213	-8.87E-02	49351708	49351831	NC_000012.11
cg00561903	1.52E-12	7.90E-14	-8.05	20.5121141	-1.74E-01	86638859	86638982	NC_000016.9



cg08022147	1.52E-12	7.90E-14	-8.05	20.5114385	-1.29E-01	39681217	39681340	NC_000003.11
cg19964641	1.52E-12	7.91E-14	-8.05	20.5108897	-1.08E-01	30901780	30901903	NC_000022.10
cg12974832	1.53E-12	7.92E-14	-8.05	20.5089356	-1.85E-01	121666457	121666580	NC_000008.10
cg13694746	1.53E-12	7.93E-14	-8.05	20.5082926	-7.20E-02	106959864	106959987	NC_000003.11
cg26334507	1.53E-12	7.94E-14	-8.05	20.5068399	-1.71E-01	16275539	16275662	NC_000001.10
cg03784628	1.53E-12	7.94E-14	-8.05	20.5062284	-9.45E-02	64059937	64060060	NC_000011.9
cg07375367	1.53E-12	7.95E-14	-8.05	20.505985	-6.92E-02	28194831	28194954	NC_000013.10
cg00406369	1.53E-12	7.96E-14	-8.05	20.5043238	-8.66E-02	134954447	134954570	NC_000006.11
cg11612799	1.54E-12	7.98E-14	-8.05	20.5017174	-1.49E-01	113933175	113933298	NC_000003.11
cg15560337	1.54E-12	8.00E-14	-8.05	20.4994038	-1.33E-01	123484898	123485021	NC_000007.13
cg07480640	1.54E-12	8.01E-14	-8.05	20.4981632	-1.80E-01	64211328	64211451	NC_000003.11
cg06261926	1.54E-12	8.02E-14	-8.05	20.4967811	-1.35E-01	161264607	161264730	NC_000002.11
cg22557641	1.55E-12	8.03E-14	-8.05	20.4957453	-6.22E-02	22292012	22292135	NC_000010.10
cg24422900	1.55E-12	8.03E-14	-8.05	20.4954145	-6.26E-02	19753746	19753869	NC_000019.9
cg13304638	1.55E-12	8.05E-14	-8.05	20.4932251	-2.14E-01	80834089	80834212	NC_000017.10
cg00423969	1.55E-12	8.06E-14	-8.05	20.4915195	-1.31E-01	97359879	97360002	NC_000002.11
cg08866144	1.55E-12	8.08E-14	-8.05	20.4896491	-5.54E-02	31371784	31371907	NC_000006.11
cg22957691	1.56E-12	8.08E-14	-8.05	20.4888741	-1.91E-01	36790185	36790308	NC_000002.11
cg09357684	1.56E-12	8.10E-14	-8.05	20.4870102	-1.15E-01	6684860	6684983	NC_000001.10
cg19882268	1.56E-12	8.10E-14	-8.05	20.4865987	-1.47E-01	33245779	33245902	NC_000006.11
cg00148114	1.56E-12	8.13E-14	-8.05	20.4831379	-7.17E-02	5468197	5468320	NC_000007.13
cg06534586	1.56E-12	8.13E-14	-8.05	20.4829279	-1.66E-01	130664529	130664652	NC_000005.9
cg27473406	1.56E-12	8.14E-14	-8.05	20.4824243	-1.26E-01	63119899	63120022	NC_000017.10
cg07205883	1.57E-12	8.17E-14	-8.05	20.4789648	-1.34E-01	116187407	116187530	NC_000010.10
cg26175343	1.57E-12	8.17E-14	-8.05	20.4779793	-1.41E-01	6034888	6035011	NC_000020.10

cg26296337	1.57E-12	8.19E-14	-8.04	20.4765976	-1.04E-01	72931792	72931915	NC_000017.10
cg23120541	1.57E-12	8.19E-14	-8.04	20.4759559	-1.74E-01	75422456	75422579	NC_000017.10
cg22584435	1.58E-12	8.20E-14	-8.04	20.474808	-1.32E-01	128467688	128467811	NC_000007.13
cg04104609	1.58E-12	8.20E-14	-8.04	20.4747142	-6.80E-02	219523980	219524103	NC_000002.11
ch.15.920727F	1.58E-12	8.21E-14	-8.04	20.4734816	-4.23E-02	63902777	63902900	NC_000015.9
cg14788660	1.58E-12	8.21E-14	-8.04	20.4732897	-6.04E-02	155278430	155278553	NC_000001.10
cg10250177	1.58E-12	8.23E-14	-8.04	20.4716809	-1.26E-01	32739752	32739875	NC_000001.10
cg02637031	1.58E-12	8.23E-14	-8.04	20.4712819	-1.53E-01	114887230	114887353	NC_000005.9
cg26504229	1.58E-12	8.23E-14	-8.04	20.4712097	-1.45E-01	45149038	45149161	NC_000021.8
cg26614229	1.58E-12	8.24E-14	-8.04	20.4697123	-1.59E-01	231156204	231156327	NC_000001.10
cg24563094	1.59E-12	8.27E-14	-8.04	20.4669105	-3.75E-02	26395458	26395581	NC_000002.11
cg11193342	1.59E-12	8.28E-14	-8.04	20.4657367	-1.10E-01	116872185	116872308	NC_000012.11
cg21593001	1.59E-12	8.29E-14	-8.04	20.4640805	-1.11E-01	113531060	113531183	NC_000012.11
cg00917031	1.59E-12	8.29E-14	-8.04	20.4635114	-9.98E-02	123477533	123477656	NC_000009.11
ch.7.3273335R	1.59E-12	8.31E-14	-8.04	20.4622335	-5.36E-02	154752264	154752387	NC_000007.13
cg10331105	1.60E-12	8.31E-14	-8.04	20.4616061	-1.47E-01	54061366	54061489	NC_000016.9
cg19760965	1.60E-12	8.31E-14	-8.04	20.4614028	-2.10E-01	194868843	194868966	NC_000003.11
cg22307769	1.60E-12	8.31E-14	-8.04	20.4612562	-5.86E-02	182402	182525	NC_000008.10
cg00354941	1.60E-12	8.31E-14	-8.04	20.4612555	-5.55E-02	48833206	48833329	NC_000004.11
cg03778909	1.60E-12	8.32E-14	-8.04	20.4607535	-2.48E-01	80833393	80833516	NC_000017.10
cg24575083	1.60E-12	8.32E-14	-8.04	20.4599464	-1.21E-01	7695485	7695608	NC_000011.9
cg01414215	1.60E-12	8.34E-14	-8.04	20.4584727	-3.09E-02	102091665	102091788	NC_000005.9
cg20469733	1.60E-12	8.35E-14	-8.04	20.4573039	-6.65E-02	99766203	99766326	NC_000007.13
cg21502048	1.61E-12	8.38E-14	-8.04	20.4538347	-1.69E-01	52780158	52780281	NC_000014.8
cg16321116	1.61E-12	8.38E-14	-8.04	20.453212	-6.08E-02	59655311	59655434	NC_000014.8

cg13687274	1.61E-12	8.39E-14	-8.04	20.451822	-1.94E-01	960246	960369	NC_000007.13
cg05365578	1.61E-12	8.40E-14	-8.04	20.4509684	-2.17E-02	94595914	94596037	NC_000014.8
cg00975587	1.61E-12	8.41E-14	-8.04	20.4498011	-6.35E-02	201728351	201728474	NC_000002.11
cg26567736	1.61E-12	8.41E-14	-8.04	20.4494397	-1.87E-01	131758433	131758556	NC_000011.9
cg21623865	1.62E-12	8.42E-14	-8.04	20.4482136	-6.48E-02	9746317	9746440	NC_000003.11
cg14771313	1.62E-12	8.44E-14	-8.04	20.4462716	-1.57E-01	71161285	71161408	NC_000003.11
cg27202037	1.62E-12	8.45E-14	-8.04	20.444768	-6.20E-02	130298544	130298667	NC_000011.9
cg25008156	1.62E-12	8.46E-14	-8.04	20.443653	-4.88E-02	170893875	170893998	NC_000006.11
cg18453965	1.63E-12	8.48E-14	-8.04	20.4420193	-2.26E-01	175458567	175458690	NC_000002.11
cg04865506	1.63E-12	8.48E-14	-8.04	20.4416678	-6.58E-02	29422776	29422899	NC_000017.10
cg06363034	1.63E-12	8.49E-14	-8.04	20.4408908	-1.31E-01	62225388	62225511	NC_000020.10
cg17643598	1.63E-12	8.49E-14	-8.04	20.4408597	-1.58E-01	150211855	150211978	NC_000007.13
cg00031277	1.63E-12	8.49E-14	-8.04	20.4404788	-1.51E-01	101943443	101943566	NC_000004.11
cg08310439	1.63E-12	8.50E-14	-8.04	20.4398967	-7.41E-02	8571692	8571815	NC_000012.11
cg08151750	1.63E-12	8.51E-14	-8.04	20.43871	-5.67E-02	27718289	27718412	NC_000002.11
cg19381811	1.63E-12	8.52E-14	-8.04	20.4365027	-1.65E-01	49851713	49851836	NC_000003.11
cg20747741	1.63E-12	8.53E-14	-8.04	20.4363385	-5.34E-02	161067886	161068009	NC_000001.10
cg24375215	1.63E-12	8.53E-14	-8.04	20.4362364	-1.90E-01	72462559	72462682	NC_000017.10
cg01872593	1.64E-12	8.53E-14	-8.04	20.4354143	-1.83E-01	54446260	54446383	NC_000014.8
cg02064300	1.64E-12	8.54E-14	-8.04	20.4347388	-9.69E-02	6053801	6053924	NC_000001.10
cg18767057	1.64E-12	8.56E-14	-8.04	20.4321857	-1.03E-01	76175611	76175734	NC_000017.10
cg08764509	1.64E-12	8.58E-14	-8.04	20.4303037	-8.87E-02	62159941	62160064	NC_000011.9
cg11084474	1.65E-12	8.60E-14	-8.04	20.4282517	-1.45E-01	133007675	133007798	NC_000012.11
cg04380269	1.65E-12	8.61E-14	-8.04	20.4269724	-1.74E-01	71027592	71027715	NC_000002.11
cg12260146	1.65E-12	8.61E-14	-8.04	20.4264092	-7.19E-02	33840237	33840360	NC_000003.11

cg09467433	1.65E-12	8.62E-14	-8.04	20.4250537	-1.87E-01	171283606	171283729	NC_000003.11
cg07591515	1.65E-12	8.63E-14	-8.04	20.4245331	-1.67E-01	51810132	51810255	NC_000001.10
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cg11659942	1.66E-12	8.66E-14	-8.04	20.4205011	-9.20E-02	8833764	8833887	NC_000002.11
cg02023138	1.66E-12	8.67E-14	-8.04	20.419933	-1.98E-01	51701979	51702102	NC_000012.11
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cg00221035	1.67E-12	8.73E-14	-8.03	20.4135144	-4.50E-02	7222342	7222465	NC_000007.13
cg27554782	1.67E-12	8.74E-14	-8.03	20.4122222	-1.13E-01	78933106	78933229	NC_000015.9
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cg25492985	1.68E-12	8.76E-14	-8.03	20.4091144	-6.72E-02	31555856	31555979	NC_000022.10
cg19205533	1.68E-12	8.81E-14	-8.03	20.4043749	-1.19E-01	15373987	15374110	NC_000012.11
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cg03850057	1.68E-12	8.81E-14	-8.03	20.4039289	-6.80E-02	118727977	118728100	NC_000001.10
cg15565576	1.69E-12	8.82E-14	-8.03	20.4031008	-1.46E-01	50451108	50451231	NC_000022.10
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cg20276750	1.69E-12	8.83E-14	-8.03	20.4018223	-1.23E-01	52279555	52279678	NC_000003.11
cg21201401	1.69E-12	8.83E-14	-8.03	20.4014847	-2.44E-01	62367884	62368007	NC_000020.10
cg02947498	1.69E-12	8.84E-14	-8.03	20.4003047	-1.97E-01	90139566	90139689	NC_000014.8
cg24101009	1.69E-12	8.85E-14	-8.03	20.3992567	-1.23E-01	93863858	93863981	NC_000011.9
cg05697909	1.69E-12	8.86E-14	-8.03	20.3980022	-7.20E-02	2462364	2462487	NC_000001.10
cg25113767	1.70E-12	8.87E-14	-8.03	20.3971691	-1.27E-01	124907367	124907490	NC_000012.11
cg19414706	1.70E-12	8.88E-14	-8.03	20.3966642	-1.09E-01	76319215	76319338	NC_000008.10

cg08290756	1.70E-12	8.89E-14	-8.03	20.3951319	-1.22E-01	80882768	80882891	NC_000017.10
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cg26752663	1.71E-12	8.93E-14	-8.03	20.3912061	-2.02E-01	25142016	25142139	NC_000002.11
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cg16638092	1.71E-12	8.95E-14	-8.03	20.3887829	-2.01E-01	78800774	78800897	NC_000017.10
cg04450032	1.71E-12	8.97E-14	-8.03	20.3868268	-7.14E-02	7382860	7382983	NC_000017.10
cg18023251	1.71E-12	8.98E-14	-8.03	20.3853713	-1.67E-01	56281839	56281962	NC_000020.10
cg05355142	1.72E-12	8.98E-14	-8.03	20.3848482	-8.24E-02	1851372	1851495	NC_000001.10
cg18030943	1.72E-12	8.98E-14	-8.03	20.3847796	-1.60E-01	182876556	182876679	NC_000003.11
cg19544919	1.72E-12	9.02E-14	-8.03	20.38124	-7.48E-02	18451228	18451351	NC_000019.9
cg06932535	1.72E-12	9.03E-14	-8.03	20.3802238	-1.80E-01	32350324	32350447	NC_000014.8
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cg01396723	1.73E-12	9.05E-14	-8.03	20.3778589	-6.13E-02	45146828	45146951	NC_000019.9
cg10061532	1.73E-12	9.06E-14	-8.03	20.3769237	-1.64E-01	201886748	201886871	NC_000001.10
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cg04408488	1.74E-12	9.11E-14	-8.03	20.3713941	-4.21E-02	28494116	28494239	NC_000013.10
cg14958889	1.74E-12	9.12E-14	-8.03	20.3700471	-2.38E-02	6320471	6320594	NC_000001.10
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cg27662454	1.74E-12	9.13E-14	-8.03	20.3684549	-9.10E-02	13975669	13975792	NC_000019.9
cg19323289	1.75E-12	9.16E-14	-8.03	20.3660505	-1.14E-01	19463903	19464026	NC_000011.9
cg07491375	1.75E-12	9.16E-14	-8.03	20.3655974	-6.61E-02	71705274	71705397	NC_000004.11
cg03517250	1.75E-12	9.17E-14	-8.03	20.3643899	-1.10E-01	85196491	85196614	NC_000016.9

cg27628849	1.75E-12	9.18E-14	-8.03	20.3635459	-9.33E-02	129775059	129775182	NC_000004.11
cg06803850	1.75E-12	9.18E-14	-8.03	20.3634217	-2.80E-02	26926738	26926861	NC_000017.10
cg02375166	1.76E-12	9.22E-14	-8.03	20.3593068	-2.13E-01	58291656	58291779	NC_000011.9
cg17097293	1.76E-12	9.24E-14	-8.03	20.357491	-1.47E-01	3655825	3655948	NC_000019.9
cg26918754	1.76E-12	9.25E-14	-8.02	20.3561375	-1.15E-01	17634629	17634752	NC_000001.10
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cg25471557	1.77E-12	9.30E-14	-8.02	20.3504971	-1.17E-01	209862480	209862603	NC_000001.10
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cg08172927	1.78E-12	9.37E-14	-8.02	20.3434911	-1.47E-01	101927997	101928120	NC_000014.8
cg04252762	1.79E-12	9.39E-14	-8.02	20.3416773	-1.58E-01	165329268	165329391	NC_000001.10
cg23827531	1.79E-12	9.39E-14	-8.02	20.3411217	-1.11E-01	58563097	58563220	NC_000003.11
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cg10995381	1.79E-12	9.39E-14	-8.02	20.3408071	-1.42E-01	7877198	7877321	NC_000005.9
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cg01120874	1.80E-12	9.45E-14	-8.02	20.3344028	-1.31E-01	133811816	133811939	NC_000009.11
cg15468095	1.80E-12	9.46E-14	-8.02	20.3339779	-1.35E-01	31214401	31214524	NC_000016.9
cg07903989	1.80E-12	9.46E-14	-8.02	20.3337379	-8.90E-02	71205335	71205458	NC_000002.11
cg27409771	1.80E-12	9.48E-14	-8.02	20.3318781	-1.25E-01	10711296	10711419	NC_000016.9
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cg05968268	1.81E-12	9.52E-14	-8.02	20.3277343	-1.37E-01	97656988	97657111	NC_000013.10
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cg18649438	1.82E-12	9.56E-14	-8.02	20.3235807	-7.95E-02	156829008	156829131	NC_000001.10

cg19696794	1.82E-12	9.56E-14	-8.02	20.3232605	-1.96E-01	7106952	7107075	NC_000006.11
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cg16416152	1.82E-12	9.58E-14	-8.02	20.3213783	-5.58E-02	67193901	67194024	NC_000016.9
cg04192580	1.83E-12	9.60E-14	-8.02	20.3198183	-6.11E-02	223726348	223726471	NC_000002.11
cg20224218	1.83E-12	9.60E-14	-8.02	20.3194955	-1.30E-01	129261375	129261498	NC_000009.11
cg12633985	1.83E-12	9.62E-14	-8.02	20.316858	-5.45E-02	26056540	26056663	NC_000006.11
cg22932220	1.83E-12	9.63E-14	-8.02	20.3159647	-8.53E-02	49244634	49244757	NC_000017.10
cg07007050	1.83E-12	9.64E-14	-8.02	20.3150674	-4.94E-02	31882290	31882413	NC_000012.11
cg07868366	1.83E-12	9.64E-14	-8.02	20.3147754	-9.40E-02	55756911	55757034	NC_000007.13
cg20700731	1.84E-12	9.65E-14	-8.02	20.313995	-1.34E-01	41951480	41951603	NC_000001.10
cg24806326	1.84E-12	9.67E-14	-8.02	20.3123316	-1.53E-01	43207588	43207711	NC_000017.10
cg22550815	1.84E-12	9.68E-14	-8.02	20.3115487	-1.22E-01	11276529	11276652	NC_000019.9
cg11039361	1.84E-12	9.68E-14	-8.02	20.3108714	-5.53E-02	63655748	63655871	NC_000011.9
cg21520002	1.84E-12	9.70E-14	-8.02	20.3090724	-8.61E-02	118814505	118814628	NC_000012.11
cg06360604	1.85E-12	9.72E-14	-8.02	20.307086	-1.91E-01	19725051	19725174	NC_000001.10
cg14082886	1.85E-12	9.73E-14	-8.02	20.3060298	-2.11E-01	35164485	35164608	NC_000011.9
cg07099588	1.85E-12	9.73E-14	-8.02	20.3056914	-6.61E-02	126006495	126006618	NC_000003.11
cg12468786	1.85E-12	9.75E-14	-8.02	20.3039454	-1.57E-01	50925108	50925231	NC_000022.10
cg20994118	1.86E-12	9.77E-14	-8.02	20.3025085	-1.27E-01	209780966	209781089	NC_000001.10
cg05674444	1.86E-12	9.77E-14	-8.02	20.3019118	-7.73E-02	14414818	14414941	NC_000021.8
cg22661239	1.86E-12	9.80E-14	-8.02	20.2993588	-9.88E-02	105331690	105331813	NC_000007.13
cg13523649	1.86E-12	9.81E-14	-8.02	20.2984477	-1.03E-01	37230741	37230864	NC_000020.10
cg26877720	1.86E-12	9.81E-14	-8.02	20.2982863	-1.24E-01	14647530	14647653	NC_000010.10
cg18076651	1.87E-12	9.83E-14	-8.01	20.2958198	-5.36E-02	53625605	53625728	NC_000012.11
cg03088332	1.87E-12	9.84E-14	-8.01	20.2953691	-7.75E-02	27146328	27146451	NC_000006.11

cg09592121	1.87E-12	9.87E-14	-8.01	20.2921575	-1.82E-01	41090985	41091108	NC_000015.9
cg14140118	1.87E-12	9.87E-14	-8.01	20.2920419	-2.33E-01	108423031	108423154	NC_000011.9
cg09910207	1.88E-12	9.90E-14	-8.01	20.2891423	-1.40E-01	91452697	91452820	NC_000012.11
cg23555120	1.88E-12	9.92E-14	-8.01	20.2873598	-1.85E-01	106533863	106533986	NC_000012.11
cg15900980	1.88E-12	9.92E-14	-8.01	20.2871071	-1.07E-01	49395991	49396114	NC_000003.11
cg05391011	1.88E-12	9.93E-14	-8.01	20.286366	-6.77E-02	103986245	103986368	NC_000010.10
cg13604445	1.88E-12	9.93E-14	-8.01	20.2862785	-1.71E-01	116342046	116342169	NC_000009.11
cg22725222	1.89E-12	9.95E-14	-8.01	20.2842413	-1.16E-01	53899066	53899189	NC_000012.11
cg13752254	1.89E-12	9.95E-14	-8.01	20.2835309	-7.19E-02	55940813	55940936	NC_000019.9
cg10988628	1.89E-12	9.96E-14	-8.01	20.2833271	-1.30E-01	135160697	135160820	NC_000010.10
cg03648020	1.89E-12	9.97E-14	-8.01	20.282477	-1.38E-01	931327	931450	NC_000001.10
cg19592742	1.89E-12	9.98E-14	-8.01	20.2809474	-6.60E-02	1034166	1034289	NC_000010.10
cg10693635	1.89E-12	9.99E-14	-8.01	20.2804437	-1.88E-01	16215614	16215737	NC_000006.11
cg02486325	1.90E-12	1.00E-13	-8.01	20.2779084	-1.41E-01	156917534	156917657	NC_000007.13
cg14574369	1.90E-12	1.00E-13	-8.01	20.2775733	-7.01E-02	57483631	57483754	NC_000012.11
cg20965866	1.90E-12	1.00E-13	-8.01	20.2773522	-1.48E-01	185767168	185767291	NC_000004.11
cg10759972	1.90E-12	1.00E-13	-8.01	20.2769904	-1.82E-01	1971471	1971594	NC_000008.10
cg23007665	1.90E-12	1.00E-13	-8.01	20.2766732	-1.86E-01	43690247	43690370	NC_000007.13
cg21526357	1.91E-12	1.01E-13	-8.01	20.2741238	-1.14E-01	2699249	2699372	NC_000017.10
cg21165122	1.91E-12	1.01E-13	-8.01	20.2728493	-6.77E-02	149321434	149321557	NC_000007.13
cg05687083	1.91E-12	1.01E-13	-8.01	20.2714565	-2.42E-01	5371160	5371283	NC_000007.13
cg07581623	1.91E-12	1.01E-13	-8.01	20.2710656	-1.74E-01	26498830	26498953	NC_000008.10
cg04486886	1.91E-12	1.01E-13	-8.01	20.2708759	-2.31E-01	56784195	56784318	NC_000005.9
cg26140483	1.91E-12	1.01E-13	-8.01	20.2691641	-1.88E-01	47952611	47952734	NC_000003.11
cg11970177	1.91E-12	1.01E-13	-8.01	20.2689671	-1.44E-01	66336157	66336280	NC_000015.9



cg15765889	1.92E-12	1.01E-13	-8.01	20.2672772	-1.79E-01	204447782	204447905	NC_000002.11
cg00360077	1.92E-12	1.01E-13	-8.01	20.2663444	-1.33E-01	80889593	80889716	NC_000015.9
cg17855045	1.93E-12	1.02E-13	-8.01	20.259486	-1.36E-01	802348	802471	NC_000004.11
cg08170519	1.94E-12	1.03E-13	-8.01	20.2540632	-1.32E-01	133804959	133805082	NC_000011.9
cg05569328	1.95E-12	1.03E-13	-8.01	20.2514646	-1.30E-01	32044384	32044507	NC_000006.11
cg16083838	1.95E-12	1.03E-13	-8.01	20.2513422	-2.01E-01	2889809	2889932	NC_000011.9
cg19533977	1.95E-12	1.03E-13	-8.01	20.250574	-1.26E-01	57719682	57719805	NC_000017.10
cg03198372	1.95E-12	1.03E-13	-8.01	20.2500552	-7.11E-02	29468588	29468711	NC_000022.10
cg04581214	1.95E-12	1.03E-13	-8.01	20.2495998	-1.23E-01	1267741	1267864	NC_000019.9
cg10792923	1.95E-12	1.03E-13	-8.01	20.248131	-4.86E-02	103789516	103789639	NC_000004.11
ch.10.1963761R	1.95E-12	1.03E-13	-8.01	20.2481206	-6.73E-02	94373483	94373606	NC_000010.10
cg14571682	1.95E-12	1.03E-13	-8.01	20.2471341	-7.01E-02	184050946	184051069	NC_000002.11
cg03478610	1.96E-12	1.03E-13	-8.01	20.2466198	-1.89E-01	135702110	135702233	NC_000003.11
cg24634577	1.96E-12	1.03E-13	-8.01	20.2464957	-1.52E-01	76859350	76859473	NC_000010.10
cg07892167	1.96E-12	1.04E-13	-8.01	20.244297	-1.94E-01	23144983	23145106	NC_000008.10
cg06406619	1.96E-12	1.04E-13	-8.01	20.2436619	-1.07E-01	851045	851168	NC_000019.9
cg22540040	1.97E-12	1.04E-13	-8.01	20.2413818	-1.27E-01	68978235	68978358	NC_000012.11
cg02646779	1.97E-12	1.04E-13	-8.01	20.2413057	-1.88E-01	72342554	72342677	NC_000002.11
cg16171484	1.97E-12	1.04E-13	-8.01	20.2405317	-1.79E-01	223290515	223290638	NC_000002.11
cg02279181	1.97E-12	1.04E-13	-8.01	20.2399214	-1.61E-01	71957579	71957702	NC_000005.9
cg17079987	1.97E-12	1.04E-13	-8.01	20.2399115	-1.75E-01	557562	557685	NC_000010.10
cg04745079	1.97E-12	1.04E-13	-8.01	20.2374802	-1.67E-01	119993751	119993874	NC_000011.9
cg26061357	1.97E-12	1.04E-13	-8.01	20.2370928	-9.58E-02	150969275	150969398	NC_000007.13
cg08951638	1.97E-12	1.04E-13	-8.01	20.2363851	-1.55E-01	141706213	141706336	NC_000005.9
cg22820285	1.98E-12	1.04E-13	-8	20.2357166	-2.12E-02	55008241	55008364	NC_000001.10

cg05573829	1.98E-12	1.05E-13	-8	20.2352071	-2.33E-01	132175434	132175557	NC_000005.9
cg00000714	1.98E-12	1.05E-13	-8	20.2344731	-5.54E-02	54695678	54695801	NC_000019.9
cg02370222	1.98E-12	1.05E-13	-8	20.2341952	-9.77E-02	38580256	38580379	NC_000006.11
cg24531955	1.98E-12	1.05E-13	-8	20.233726	-2.28E-01	23154691	23154814	NC_000008.10
cg16444062	1.98E-12	1.05E-13	-8	20.2321706	-1.84E-01	2770298	2770421	NC_000016.9
cg09414620	1.98E-12	1.05E-13	-8	20.2310059	-1.29E-01	1213469	1213592	NC_000016.9
cg01257145	1.98E-12	1.05E-13	-8	20.2309013	-7.61E-02	74349804	74349927	NC_000005.9
cg24313303	1.99E-12	1.05E-13	-8	20.2282172	-1.99E-01	27113219	27113342	NC_000001.10
cg25851671	1.99E-12	1.05E-13	-8	20.2282029	-7.28E-02	37502825	37502948	NC_000021.8
cg14296990	1.99E-12	1.05E-13	-8	20.2275004	-1.80E-02	9385838	9385961	NC_000011.9
cg24015817	1.99E-12	1.06E-13	-8	20.226087	-5.60E-02	96025855	96025978	NC_000006.11
cg07701049	1.99E-12	1.06E-13	-8	20.2259582	-1.56E-01	141559946	141560069	NC_000008.10
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cg03280026	2.00E-12	1.06E-13	-8	20.222253	-1.45E-01	112430707	112430830	NC_000007.13
cg05908960	2.00E-12	1.06E-13	-8	20.2216079	-1.14E-01	123472150	123472273	NC_000012.11
cg01097897	2.00E-12	1.06E-13	-8	20.2213415	-1.85E-01	63097264	63097387	NC_000012.11
cg03887092	2.01E-12	1.06E-13	-8	20.2201339	-1.89E-01	1080885	1081008	NC_000006.11
cg04113075	2.01E-12	1.06E-13	-8	20.2200591	-1.16E-01	146865487	146865610	NC_000006.11
cg14059921	2.01E-12	1.06E-13	-8	20.2194797	-6.74E-02	34628952	34629075	NC_000009.11
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cg25827670	2.02E-12	1.07E-13	-8	20.213426	-1.66E-01	15255513	15255636	NC_000017.10
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cg16356630	2.02E-12	1.07E-13	-8	20.2109974	-6.52E-02	14683035	14683158	NC_000011.9
cg15474754	2.03E-12	1.07E-13	-8	20.2084434	-5.26E-02	175444096	175444219	NC_000004.11
cg15792145	2.03E-12	1.08E-13	-8	20.2076139	-6.04E-02	23385077	23385200	NC_000010.10
cg14818960	2.03E-12	1.08E-13	-8	20.2075339	-1.58E-01	71903119	71903242	NC_000011.9
cg00107970	2.03E-12	1.08E-13	-8	20.2066603	-9.12E-02	156119457	156119580	NC_000001.10
ch.11.1623093R	2.03E-12	1.08E-13	-8	20.2061665	-6.27E-02	75006971	75007094	NC_000011.9
cg13415566	2.04E-12	1.08E-13	-8	20.203854	-1.03E-01	125423240	125423363	NC_000010.10
cg19859993	2.04E-12	1.08E-13	-8	20.2037067	-1.56E-01	207013239	207013362	NC_000001.10
cg08254353	2.04E-12	1.08E-13	-8	20.2030502	-7.97E-02	31254670	31254793	NC_000017.10
cg00052588	2.04E-12	1.08E-13	-8	20.2027027	-1.28E-01	89672139	89672262	NC_000016.9
cg27657226	2.04E-12	1.08E-13	-8	20.2025841	-9.84E-02	88296628	88296751	NC_000016.9
cg13800802	2.05E-12	1.09E-13	-8	20.1969944	-1.67E-01	98619666	98619789	NC_000009.11
cg12799885	2.05E-12	1.09E-13	-8	20.19492	-1.77E-01	74020976	74021099	NC_000010.10
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cg02500990	2.06E-12	1.09E-13	-8	20.1927132	-1.23E-01	89640906	89641029	NC_000016.9
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ch.9.80193246F	2.07E-12	1.10E-13	-8	20.1888158	-3.93E-02	81003426	81003549	NC_000009.11
cg03349134	2.07E-12	1.10E-13	-8	20.1870956	-2.05E-01	25655241	25655364	NC_000006.11
cg11692371	2.07E-12	1.10E-13	-8	20.1869118	-1.98E-02	42891346	42891469	NC_000019.9
cg10687219	2.07E-12	1.10E-13	-8	20.1858109	-2.48E-01	68174286	68174409	NC_000011.9
cg26482052	2.07E-12	1.10E-13	-8	20.185698	-4.95E-02	66660462	66660585	NC_000002.11
cg12931523	2.07E-12	1.10E-13	-8	20.1845963	-5.49E-02	90793003	90793126	NC_000015.9
cg09485853	2.08E-12	1.10E-13	-8	20.1831329	-1.57E-01	72495878	72496001	NC_000015.9
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cg23877497	2.09E-12	1.11E-13	-8	20.1766809	-1.50E-01	158838943	158839066	NC_000006.11

cg24478966	2.10E-12	1.11E-13	-7.99	20.1737339	-1.99E-01	42460930	42461053	NC_000019.9
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cg21114004	2.10E-12	1.12E-13	-7.99	20.1710889	-9.83E-02	62067245	62067368	NC_000011.9
cg07965110	2.10E-12	1.12E-13	-7.99	20.1704683	-2.04E-01	24863166	24863289	NC_000001.10
cg11215644	2.11E-12	1.12E-13	-7.99	20.1670389	-1.24E-01	12296435	12296558	NC_000006.11
cg00982984	2.11E-12	1.12E-13	-7.99	20.1668104	-7.87E-02	45493530	45493653	NC_000015.9
cg25579648	2.11E-12	1.12E-13	-7.99	20.1657528	-3.99E-02	102091873	102091996	NC_000005.9
cg06065019	2.11E-12	1.12E-13	-7.99	20.1643715	-1.84E-01	177356276	177356399	NC_000002.11
cg24738627	2.12E-12	1.12E-13	-7.99	20.1631981	-1.12E-01	11563023	11563146	NC_000008.10
cg01065960	2.12E-12	1.13E-13	-7.99	20.1616209	-1.01E-01	27181503	27181626	NC_000017.10
cg27383335	2.12E-12	1.13E-13	-7.99	20.1606693	-6.70E-02	75600057	75600180	NC_000016.9
cg17593721	2.12E-12	1.13E-13	-7.99	20.160542	-3.13E-02	118788746	118788869	NC_000005.9
cg21566177	2.12E-12	1.13E-13	-7.99	20.159462	-1.98E-01	173312866	173312989	NC_000005.9
cg08312412	2.13E-12	1.13E-13	-7.99	20.1584624	-1.53E-01	141443781	141443904	NC_000005.9
cg17418055	2.13E-12	1.13E-13	-7.99	20.1575429	-1.29E-01	30061002	30061125	NC_000020.10
cg03447547	2.13E-12	1.13E-13	-7.99	20.1552417	-1.81E-01	94577039	94577162	NC_000014.8
cg02174232	2.13E-12	1.13E-13	-7.99	20.1545492	-5.40E-02	49712164	49712287	NC_000003.11
cg16787624	2.14E-12	1.14E-13	-7.99	20.15376	-5.85E-02	238601425	238601548	NC_000002.11
cg03229682	2.14E-12	1.14E-13	-7.99	20.1525804	-1.56E-01	66724428	66724551	NC_000011.9
cg00721772	2.14E-12	1.14E-13	-7.99	20.1522043	-1.26E-01	25122070	25122193	NC_000016.9
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cg21095280	2.15E-12	1.14E-13	-7.99	20.1466385	-1.80E-01	36724036	36724159	NC_000006.11

cg05099121	2.15E-12	1.14E-13	-7.99	20.1463733	-6.34E-02	91764089	91764212	NC_000007.13
cg26546884	2.15E-12	1.14E-13	-7.99	20.1462141	-1.80E-01	1768004	1768127	NC_000006.11
cg18005280	2.15E-12	1.15E-13	-7.99	20.1441383	-1.52E-01	66463731	66463854	NC_000003.11
cg20994686	2.16E-12	1.15E-13	-7.99	20.1431819	-6.89E-02	71306668	71306791	NC_000017.10
cg13505279	2.16E-12	1.15E-13	-7.99	20.1421841	-1.03E-01	55611881	55612004	NC_000015.9
cg21817750	2.16E-12	1.15E-13	-7.99	20.1410615	-1.95E-01	71543106	71543229	NC_000005.9
cg18468088	2.16E-12	1.15E-13	-7.99	20.1391144	-7.98E-02	35490818	35490941	NC_000006.11
cg06513247	2.17E-12	1.15E-13	-7.99	20.138164	-1.43E-01	75446661	75446784	NC_000017.10
cg14143723	2.17E-12	1.15E-13	-7.99	20.1380751	-2.01E-01	27638612	27638735	NC_000003.11
cg00004773	2.17E-12	1.16E-13	-7.99	20.1367996	-1.82E-01	76722955	76723078	NC_000012.11
cg02135122	2.17E-12	1.16E-13	-7.99	20.1365259	-1.40E-01	76642824	76642947	NC_000010.10
cg19921355	2.18E-12	1.16E-13	-7.99	20.1339367	-1.22E-01	14049093	14049216	NC_000019.9
cg00181432	2.18E-12	1.16E-13	-7.99	20.1337672	-1.34E-01	194393818	194393941	NC_000003.11
cg22211092	2.18E-12	1.16E-13	-7.99	20.1302701	-1.41E-01	156361584	156361707	NC_000003.11
cg20623052	2.19E-12	1.16E-13	-7.99	20.1290297	-4.11E-02	65419955	65420078	NC_000011.9
cg13119182	2.19E-12	1.17E-13	-7.99	20.1276642	-1.42E-01	87770782	87770905	NC_000004.11
cg14525390	2.19E-12	1.17E-13	-7.99	20.127455	-1.68E-01	91017836	91017959	NC_000014.8
cg05355436	2.19E-12	1.17E-13	-7.99	20.1260205	-1.83E-01	63520873	63520996	NC_000010.10
cg08111832	2.19E-12	1.17E-13	-7.99	20.1251841	-7.22E-02	24868082	24868205	NC_000014.8
cg03342114	2.19E-12	1.17E-13	-7.99	20.1242588	-5.27E-02	10381577	10381700	NC_000019.9
cg03818034	2.20E-12	1.17E-13	-7.99	20.1227909	-7.08E-02	99746088	99746211	NC_000007.13
cg01858712	2.20E-12	1.17E-13	-7.99	20.1226741	-1.75E-01	12156525	12156648	NC_000016.9
cg18016565	2.20E-12	1.17E-13	-7.99	20.1209042	-1.55E-01	150552671	150552794	NC_000001.10
cg17653411	2.20E-12	1.17E-13	-7.99	20.1203532	-1.11E-01	112908185	112908308	NC_000002.11
cg02445447	2.21E-12	1.18E-13	-7.99	20.1182213	-4.26E-02	106015594	106015717	NC_000002.11

cg27591920	2.21E-12	1.18E-13	-7.99	20.1172605	-1.13E-01	111918681	111918804	NC_000002.11
cg02652891	2.21E-12	1.18E-13	-7.99	20.1165204	-1.03E-01	163525424	163525547	NC_000006.11
cg16444942	2.21E-12	1.18E-13	-7.99	20.1157693	-8.99E-02	129309117	129309240	NC_000012.11
cg12186219	2.21E-12	1.18E-13	-7.99	20.1151987	-8.15E-02	1463541	1463664	NC_000011.9
cg02210967	2.22E-12	1.18E-13	-7.98	20.1140502	-1.35E-01	5572794	5572917	NC_000007.13
cg21206949	2.22E-12	1.19E-13	-7.98	20.1105811	-7.85E-02	94595582	94595705	NC_000014.8
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cg21990700	2.23E-12	1.19E-13	-7.98	20.1080763	-7.37E-02	7260776	7260899	NC_000012.11
cg01198338	2.23E-12	1.19E-13	-7.98	20.1069154	-2.98E-02	75508496	75508619	NC_000007.13
cg26058971	2.23E-12	1.19E-13	-7.98	20.10651	-1.61E-01	16251246	16251369	NC_000001.10
cg09129839	2.24E-12	1.19E-13	-7.98	20.1048002	-1.19E-01	2304315	2304438	NC_000001.10
cg00922281	2.24E-12	1.19E-13	-7.98	20.1043479	-1.67E-01	87715775	87715898	NC_000016.9
cg21197219	2.24E-12	1.20E-13	-7.98	20.10125	-1.41E-01	3374906	3375029	NC_000001.10
cg19921577	2.25E-12	1.20E-13	-7.98	20.0995353	-1.90E-01	98704488	98704611	NC_000007.13
cg02716776	2.25E-12	1.20E-13	-7.98	20.0970601	-2.23E-01	3178413	3178536	NC_000019.9
cg16708938	2.26E-12	1.20E-13	-7.98	20.0955239	-1.26E-01	44832350	44832473	NC_000021.8
cg06528773	2.26E-12	1.21E-13	-7.98	20.0949358	-9.82E-02	62382998	62383121	NC_000011.9
cg18766864	2.26E-12	1.21E-13	-7.98	20.0948708	-5.61E-02	38863605	38863728	NC_000022.10
cg04709120	2.28E-12	1.22E-13	-7.98	20.0860591	-6.81E-02	74451858	74451981	NC_000010.10
cg01109135	2.28E-12	1.22E-13	-7.98	20.0859433	-1.15E-01	105532252	105532375	NC_000014.8
cg07229001	2.28E-12	1.22E-13	-7.98	20.0854809	-1.38E-01	70897224	70897347	NC_000015.9
cg11032810	2.28E-12	1.22E-13	-7.98	20.0832079	-1.54E-01	141057042	141057165	NC_000004.11
cg25818882	2.28E-12	1.22E-13	-7.98	20.0826441	-5.91E-02	12886379	12886502	NC_000019.9
cg03471346	2.29E-12	1.22E-13	-7.98	20.08133	-2.17E-01	179112077	179112200	NC_000001.10
cg05099145	2.29E-12	1.22E-13	-7.98	20.0804338	-2.23E-01	1796333	1796456	NC_000016.9

cg26208764	2.29E-12	1.22E-13	-7.98	20.0803122	-1.46E-01	69384505	69384628	NC_000015.9
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cg26562921	2.30E-12	1.23E-13	-7.98	20.076986	-1.65E-01	84760429	84760552	NC_000016.9
cg04427462	2.30E-12	1.23E-13	-7.98	20.0764953	-6.77E-02	47218031	47218154	NC_000019.9
cg05038268	2.30E-12	1.23E-13	-7.98	20.0732971	-1.94E-01	66885281	66885404	NC_000011.9
cg11642891	2.31E-12	1.24E-13	-7.98	20.0707862	-2.18E-01	3452563	3452686	NC_000002.11
cg05250241	2.32E-12	1.24E-13	-7.98	20.0682529	-1.73E-01	43321328	43321451	NC_000017.10
cg09415957	2.32E-12	1.24E-13	-7.98	20.0666812	-1.03E-01	62609886	62610009	NC_000011.9
cg21931317	2.32E-12	1.24E-13	-7.98	20.065083	-2.05E-01	43411533	43411656	NC_000002.11
cg16634661	2.32E-12	1.24E-13	-7.98	20.0641181	-7.70E-02	46954794	46954917	NC_000001.10
cg19885625	2.33E-12	1.25E-13	-7.98	20.0611947	-1.98E-01	64815313	64815436	NC_000011.9
cg10084993	2.33E-12	1.25E-13	-7.98	20.0598494	-1.17E-01	2077647	2077770	NC_000016.9
ch.7.2897584R	2.34E-12	1.25E-13	-7.98	20.055688	-5.91E-02	138762727	138762850	NC_000007.13
cg21218363	2.35E-12	1.26E-13	-7.97	20.0512787	-1.43E-01	189247165	189247288	NC_000002.11
cg06042148	2.35E-12	1.26E-13	-7.97	20.0510403	-1.86E-01	97138161	97138284	NC_000008.10
cg14179944	2.35E-12	1.26E-13	-7.97	20.0509513	-1.57E-01	35867515	35867638	NC_000014.8
cg16710099	2.36E-12	1.26E-13	-7.97	20.0488982	-1.30E-01	3162173	3162296	NC_000001.10
cg10076931	2.36E-12	1.26E-13	-7.97	20.0484415	-2.53E-02	27100556	27100679	NC_000006.11
cg26571760	2.36E-12	1.27E-13	-7.97	20.046268	-6.29E-02	148538954	148539077	NC_000004.11
cg26489057	2.37E-12	1.27E-13	-7.97	20.0453789	-1.16E-01	10712874	10712997	NC_000019.9
cg16590991	2.37E-12	1.27E-13	-7.97	20.0445289	-5.57E-02	155437209	155437332	NC_000007.13
cg06892907	2.37E-12	1.27E-13	-7.97	20.0444386	-1.88E-01	103818062	103818185	NC_000008.10
cg24845380	2.37E-12	1.27E-13	-7.97	20.0426794	-3.41E-02	149570183	149570306	NC_000007.13
cg02449821	2.38E-12	1.27E-13	-7.97	20.039696	-1.05E-01	89641296	89641419	NC_000016.9
cg03651054	2.38E-12	1.28E-13	-7.97	20.0386754	-1.73E-01	50194643	50194766	NC_000013.10

cg17491759	2.38E-12	1.28E-13	-7.97	20.0378202	-1.09E-01	100676774	100676897	NC_000006.11
cg13792714	2.38E-12	1.28E-13	-7.97	20.0372197	-2.13E-01	114103345	114103468	NC_000003.11
cg11405655	2.39E-12	1.28E-13	-7.97	20.0354255	-8.30E-02	999599	999722	NC_000001.10
cg02578560	2.39E-12	1.28E-13	-7.97	20.0350541	-2.75E-02	43243245	43243368	NC_000006.11
cg22370694	2.39E-12	1.28E-13	-7.97	20.0331815	-8.80E-02	228395660	228395783	NC_000001.10
cg16356737	2.40E-12	1.28E-13	-7.97	20.0318357	-1.58E-01	25729805	25729928	NC_000006.11
cg17223698	2.40E-12	1.28E-13	-7.97	20.0317841	-1.15E-01	39416631	39416754	NC_000015.9
cg08770935	2.40E-12	1.29E-13	-7.97	20.0282461	-1.15E-01	17255562	17255685	NC_000017.10
cg26211349	2.41E-12	1.29E-13	-7.97	20.0258646	-1.19E-01	77404555	77404678	NC_000017.10
cg04571189	2.41E-12	1.29E-13	-7.97	20.0254217	-1.20E-01	10638072	10638195	NC_000002.11
cg26643476	2.42E-12	1.30E-13	-7.97	20.0235238	-1.98E-01	123215684	123215807	NC_000012.11
cg16232071	2.42E-12	1.30E-13	-7.97	20.0220984	-7.74E-02	10907718	10907841	NC_000008.10
cg18268492	2.42E-12	1.30E-13	-7.97	20.0218379	-6.07E-02	99185986	99186109	NC_000010.10
cg06098761	2.42E-12	1.30E-13	-7.97	20.0212152	-7.79E-02	210405808	210405931	NC_000001.10
cg01205584	2.42E-12	1.30E-13	-7.97	20.0204731	-8.70E-02	226270724	226270847	NC_000001.10
cg07299819	2.43E-12	1.30E-13	-7.97	20.0187415	-8.62E-02	153651009	153651132	NC_000001.10
cg02689072	2.43E-12	1.30E-13	-7.97	20.018632	-1.69E-01	802844	802967	NC_000004.11
cg04085585	2.43E-12	1.30E-13	-7.97	20.0185091	-1.08E-01	77648378	77648501	NC_000007.13
cg05047095	2.43E-12	1.30E-13	-7.97	20.0171031	-5.16E-02	30428842	30428965	NC_000016.9
cg05406088	2.43E-12	1.30E-13	-7.97	20.0167208	-2.06E-01	66947617	66947740	NC_000015.9
cg08722675	2.43E-12	1.31E-13	-7.97	20.0163944	-1.63E-01	8412549	8412672	NC_000004.11
cg11528995	2.44E-12	1.31E-13	-7.97	20.0136539	-3.82E-02	117210575	117210698	NC_000001.10
cg16109647	2.44E-12	1.31E-13	-7.97	20.0132184	-1.25E-01	21621725	21621848	NC_000022.10
cg03528519	2.45E-12	1.31E-13	-7.97	20.0103565	-1.88E-01	53513817	53513940	NC_000001.10
cg27207881	2.45E-12	1.31E-13	-7.97	20.009735	-1.64E-01	1864134	1864257	NC_000004.11



cg05293365	2.45E-12	1.31E-13	-7.97	20.0093607	-1.69E-01	77287338	77287461	NC_000015.9
cg10487998	2.45E-12	1.32E-13	-7.97	20.0086392	-1.20E-01	21838665	21838788	NC_000001.10
cg03756485	2.45E-12	1.32E-13	-7.97	20.0061539	-1.50E-01	102218837	102218960	NC_000012.11
cg10979020	2.46E-12	1.32E-13	-7.97	20.0055697	-6.27E-02	23425983	23426106	NC_000014.8
cg10266336	2.46E-12	1.32E-13	-7.97	20.002252	-1.34E-01	18270324	18270447	NC_000011.9
cg11147155	2.46E-12	1.32E-13	-7.97	20.0021575	-1.75E-01	150595206	150595329	NC_000001.10
cg07067090	2.46E-12	1.32E-13	-7.97	20.0021423	-3.20E-02	6680932	6681055	NC_000009.11
cg27570992	2.46E-12	1.32E-13	-7.97	20.0019883	-1.74E-01	105470737	105470860	NC_000007.13
cg16105591	2.47E-12	1.33E-13	-7.97	20.0004281	-1.48E-01	175270184	175270307	NC_000005.9
cg01048751	2.48E-12	1.33E-13	-7.97	19.9971508	-8.14E-02	27718495	27718618	NC_000001.10
cg13425174	2.48E-12	1.33E-13	-7.97	19.9969124	-5.52E-02	35265568	35265691	NC_000006.11
cg20669049	2.48E-12	1.33E-13	-7.97	19.9968572	-1.56E-01	55573572	55573695	NC_000019.9
cg24059075	2.49E-12	1.34E-13	-7.96	19.9929931	-1.05E-01	49688316	49688439	NC_000012.11
cg14659814	2.49E-12	1.34E-13	-7.96	19.992276	-1.57E-01	3209910	3210033	NC_000001.10
ch.15.814613R	2.49E-12	1.34E-13	-7.96	19.991644	-9.28E-02	59520991	59521114	NC_000015.9
cg12699174	2.49E-12	1.34E-13	-7.96	19.9901979	-4.86E-02	156024477	156024600	NC_000001.10
cg22380178	2.49E-12	1.34E-13	-7.96	19.9895585	-1.33E-01	29980695	29980818	NC_000015.9
cg01711986	2.49E-12	1.34E-13	-7.96	19.9895583	-6.98E-02	24712561	24712684	NC_000014.8
cg00264133	2.50E-12	1.34E-13	-7.96	19.9889246	-1.71E-01	73154796	73154919	NC_000017.10
cg00042246	2.50E-12	1.34E-13	-7.96	19.9884685	-7.20E-02	139493490	139493613	NC_000005.9
cg01829817	2.50E-12	1.34E-13	-7.96	19.9884545	-1.43E-01	86774519	86774642	NC_000016.9
cg19872681	2.50E-12	1.34E-13	-7.96	19.9881889	-1.56E-01	23284518	23284641	NC_000014.8
cg03420846	2.50E-12	1.35E-13	-7.96	19.9860341	-1.33E-01	31406864	31406987	NC_000001.10
cg09091424	2.50E-12	1.35E-13	-7.96	19.9859598	-1.20E-01	67057304	67057427	NC_000011.9
cg14030904	2.51E-12	1.35E-13	-7.96	19.9807753	-1.81E-01	149806732	149806855	NC_000006.11

cg06933574	2.52E-12	1.36E-13	-7.96	19.9788398	-1.16E-01	134370282	134370405	NC_000005.9
cg11464885	2.52E-12	1.36E-13	-7.96	19.978421	-1.67E-01	99966968	99967091	NC_000015.9
cg11226562	2.52E-12	1.36E-13	-7.96	19.9780935	-1.05E-01	65280795	65280918	NC_000010.10
cg04029168	2.52E-12	1.36E-13	-7.96	19.9779081	-9.09E-02	23963538	23963661	NC_000016.9
cg17571266	2.52E-12	1.36E-13	-7.96	19.9767578	-1.42E-01	54763211	54763334	NC_000012.11
cg15653855	2.53E-12	1.36E-13	-7.96	19.9747003	-1.57E-01	38735761	38735884	NC_000002.11
cg20828084	2.53E-12	1.36E-13	-7.96	19.9745574	-1.57E-01	81070851	81070974	NC_000015.9
cg18039133	2.53E-12	1.36E-13	-7.96	19.9742241	-1.31E-01	6750956	6751079	NC_000020.10
cg05096700	2.55E-12	1.37E-13	-7.96	19.966442	-7.64E-02	185926319	185926442	NC_000004.11
cg06016354	2.56E-12	1.38E-13	-7.96	19.9637783	-4.23E-02	32163966	32164089	NC_000006.11
cg07463059	2.56E-12	1.38E-13	-7.96	19.9613642	-6.38E-02	158979810	158979933	NC_000001.10
cg05662664	2.56E-12	1.38E-13	-7.96	19.960978	-1.80E-01	241110281	241110404	NC_000002.11
cg12298562	2.56E-12	1.38E-13	-7.96	19.9602094	-4.02E-02	95361132	95361255	NC_000010.10
cg03951724	2.57E-12	1.39E-13	-7.96	19.9558922	-6.37E-02	30723125	30723248	NC_000022.10
cg18459489	2.58E-12	1.39E-13	-7.96	19.9549579	-1.60E-01	118890977	118891100	NC_000010.10
cg05457881	2.58E-12	1.39E-13	-7.96	19.9526059	-7.37E-02	10435578	10435701	NC_000006.11
cg11821439	2.58E-12	1.39E-13	-7.96	19.9524078	-1.50E-01	29833650	29833773	NC_000007.13
cg04231701	2.58E-12	1.39E-13	-7.96	19.9520794	-1.46E-01	1032855	1032978	NC_000004.11
cg02215815	2.59E-12	1.39E-13	-7.96	19.9509636	-5.62E-02	28962783	28962906	NC_000016.9
cg10732611	2.59E-12	1.40E-13	-7.96	19.9497997	-1.60E-01	33700592	33700715	NC_000013.10
cg11801110	2.59E-12	1.40E-13	-7.96	19.9491134	-1.53E-01	50356763	50356886	NC_000022.10
cg19900852	2.59E-12	1.40E-13	-7.96	19.9482067	-7.33E-02	35451793	35451916	NC_000014.8
cg06468454	2.60E-12	1.40E-13	-7.96	19.9471927	-1.44E-01	3591377	3591500	NC_000017.10
cg23302989	2.60E-12	1.40E-13	-7.96	19.9460266	-1.53E-01	25174492	25174615	NC_000007.13
cg21531679	2.60E-12	1.40E-13	-7.96	19.9447402	-1.63E-01	185455026	185455149	NC_000003.11

ch.7.2186304R	2.60E-12	1.40E-13	-7.96	19.9443131	-4.93E-02	101838045	101838168	NC_000007.13
cg05159804	2.61E-12	1.41E-13	-7.96	19.9422046	-1.67E-01	44343776	44343899	NC_000017.10
cg21915337	2.61E-12	1.41E-13	-7.96	19.9417176	-1.74E-01	5011403	5011526	NC_000007.13
cg03027244	2.61E-12	1.41E-13	-7.96	19.9399221	-1.13E-01	66914883	66915006	NC_000015.9
cg05965029	2.62E-12	1.41E-13	-7.96	19.9391499	-7.67E-02	120315182	120315305	NC_000003.11
cg07613333	2.62E-12	1.41E-13	-7.96	19.9381983	-2.16E-01	19940827	19940950	NC_000011.9
cg20464884	2.62E-12	1.42E-13	-7.96	19.9357058	-8.60E-02	2773876	2773999	NC_000006.11
cg06738379	2.63E-12	1.42E-13	-7.96	19.9349431	-1.50E-01	167062104	167062227	NC_000006.11
ch.7.114165642F	2.63E-12	1.42E-13	-7.96	19.9347661	-6.20E-02	114378406	114378529	NC_000007.13
cg21763952	2.63E-12	1.42E-13	-7.95	19.9343829	-5.75E-02	111051697	111051820	NC_000012.11
cg00368356	2.63E-12	1.42E-13	-7.95	19.9342596	-1.75E-01	39395717	39395840	NC_000019.9
cg00227093	2.63E-12	1.42E-13	-7.95	19.9321253	-9.00E-02	149979838	149979961	NC_000005.9
cg22179564	2.64E-12	1.42E-13	-7.95	19.9301557	-1.29E-01	74199422	74199545	NC_000005.9
cg18288462	2.64E-12	1.43E-13	-7.95	19.9293427	-1.04E-01	103986268	103986391	NC_000010.10
cg05040232	2.64E-12	1.43E-13	-7.95	19.9272419	-1.40E-01	194117403	194117526	NC_000003.11
cg20607293	2.65E-12	1.43E-13	-7.95	19.9263862	-9.36E-02	147112703	147112826	NC_000001.10
cg19802243	2.65E-12	1.43E-13	-7.95	19.9231187	-1.08E-01	160321205	160321328	NC_000006.11
cg15146720	2.66E-12	1.43E-13	-7.95	19.9229164	-3.41E-02	151722621	151722744	NC_000007.13
cg25178683	2.66E-12	1.44E-13	-7.95	19.9225247	-1.38E-01	76976267	76976390	NC_000017.10
cg00665832	2.66E-12	1.44E-13	-7.95	19.9209637	-6.91E-02	22862401	22862524	NC_000007.13
cg14010619	2.66E-12	1.44E-13	-7.95	19.9209618	-8.05E-02	39612741	39612864	NC_000019.9
cg11495854	2.66E-12	1.44E-13	-7.95	19.9204808	-2.35E-02	158635673	158635796	NC_000005.9
cg27227042	2.66E-12	1.44E-13	-7.95	19.9193852	-1.76E-01	93754094	93754217	NC_000011.9
cg16862821	2.67E-12	1.44E-13	-7.95	19.9173221	-6.40E-02	32938469	32938592	NC_000006.11
cg26664737	2.67E-12	1.44E-13	-7.95	19.917067	-6.46E-02	60145067	60145190	NC_000012.11

ch.2.200726997F	2.68E-12	1.45E-13	-7.95	19.9144848	-4.66E-02	201018752	201018875	NC_000002.11
cg05995607	2.68E-12	1.45E-13	-7.95	19.9135713	-1.34E-01	59953045	59953168	NC_000011.9
cg27485075	2.69E-12	1.46E-13	-7.95	19.9077089	-1.26E-01	47054963	47055086	NC_000002.11
cg09193477	2.71E-12	1.46E-13	-7.95	19.9033429	-1.69E-01	158188683	158188806	NC_000007.13
cg20113820	2.71E-12	1.47E-13	-7.95	19.9018389	-8.93E-02	1765074	1765197	NC_000008.10
cg07622079	2.71E-12	1.47E-13	-7.95	19.900298	-1.53E-01	149658453	149658576	NC_000005.9
cg06521280	2.71E-12	1.47E-13	-7.95	19.9001852	-9.23E-02	75671378	75671501	NC_000010.10
cg17583957	2.71E-12	1.47E-13	-7.95	19.9001559	-2.21E-01	67536299	67536422	NC_000017.10
cg23494957	2.72E-12	1.47E-13	-7.95	19.8988649	-5.01E-02	64761548	64761671	NC_000014.8
cg11227075	2.72E-12	1.47E-13	-7.95	19.8978787	-7.07E-02	52750930	52751053	NC_000010.10
cg07526656	2.72E-12	1.47E-13	-7.95	19.8966756	-5.34E-02	7260660	7260783	NC_000012.11
cg09728393	2.73E-12	1.48E-13	-7.95	19.8949499	-1.80E-01	17851756	17851879	NC_000006.11
cg03483464	2.73E-12	1.48E-13	-7.95	19.8949267	-7.61E-02	98312971	98313094	NC_000003.11
cg07146435	2.73E-12	1.48E-13	-7.95	19.8929182	-7.31E-02	100028499	100028622	NC_000010.10
cg03291825	2.74E-12	1.49E-13	-7.95	19.8889453	-1.18E-01	76182433	76182556	NC_000017.10
cg13708974	2.74E-12	1.49E-13	-7.95	19.8888519	-1.51E-01	131466143	131466266	NC_000009.11
cg26894311	2.75E-12	1.49E-13	-7.95	19.8880586	-4.87E-02	104153930	104154053	NC_000010.10
cg26392737	2.75E-12	1.49E-13	-7.95	19.8867196	-1.58E-01	21916853	21916976	NC_000008.10
cg15618336	2.75E-12	1.49E-13	-7.95	19.8851917	-1.61E-01	52182759	52182882	NC_000012.11
cg23866166	2.75E-12	1.49E-13	-7.95	19.8847211	-2.41E-02	27863246	27863369	NC_000006.11
cg27275193	2.75E-12	1.49E-13	-7.95	19.8845271	-1.47E-01	14862453	14862576	NC_000010.10
cg20335959	2.76E-12	1.49E-13	-7.95	19.8843436	-4.83E-02	79480594	79480717	NC_000017.10
cg02859866	2.77E-12	1.50E-13	-7.95	19.880219	-8.48E-02	13760165	13760288	NC_000010.10
cg21932368	2.77E-12	1.50E-13	-7.95	19.8799959	-1.95E-02	45493106	45493229	NC_000015.9
cg15945287	2.77E-12	1.50E-13	-7.95	19.8786624	-1.04E-01	53809462	53809585	NC_000017.10

cg03312716	2.77E-12	1.50E-13	-7.95	19.8776689	-1.38E-01	110271581	110271704	NC_000012.11
cg12801391	2.78E-12	1.51E-13	-7.95	19.8750444	-1.36E-01	98126436	98126559	NC_000010.10
cg19896639	2.78E-12	1.51E-13	-7.95	19.8746049	-4.25E-02	9599276	9599399	NC_000001.10
cg11398299	2.79E-12	1.51E-13	-7.94	19.8727439	-8.09E-02	161178574	161178697	NC_000005.9
cg04152629	2.79E-12	1.51E-13	-7.94	19.8726409	-3.23E-02	49211867	49211990	NC_000012.11
cg06762176	2.79E-12	1.51E-13	-7.94	19.8711777	-7.63E-02	38398839	38398962	NC_000007.13
cg00134295	2.79E-12	1.51E-13	-7.94	19.8695929	-2.21E-01	9269178	9269301	NC_000012.11
cg22117193	2.80E-12	1.52E-13	-7.94	19.8690621	-9.26E-02	150122683	150122806	NC_000005.9
cg13636636	2.80E-12	1.52E-13	-7.94	19.8681197	-1.11E-01	131965921	131966044	NC_000009.11
cg08693231	2.80E-12	1.52E-13	-7.94	19.8666061	-5.97E-02	34216354	34216477	NC_000006.11
cg20638683	2.80E-12	1.52E-13	-7.94	19.8664048	-1.07E-01	45982569	45982692	NC_000006.11
cg14573876	2.80E-12	1.52E-13	-7.94	19.8656638	-2.39E-01	4105153	4105276	NC_000019.9
ch.17.1646506R	2.81E-12	1.52E-13	-7.94	19.8653309	-6.26E-02	62164903	62165026	NC_000017.10
cg22511889	2.81E-12	1.52E-13	-7.94	19.8651052	-1.23E-01	4868496	4868619	NC_000019.9
cg01316516	2.81E-12	1.52E-13	-7.94	19.863987	-4.88E-02	18415964	18416087	NC_000011.9
cg05002071	2.81E-12	1.52E-13	-7.94	19.8638252	-1.07E-01	76510323	76510446	NC_000011.9
cg05506446	2.81E-12	1.52E-13	-7.94	19.8631576	-1.85E-01	46409501	46409624	NC_000011.9
cg26924747	2.82E-12	1.53E-13	-7.94	19.8597447	-9.52E-02	127984319	127984442	NC_000007.13
cg08844698	2.82E-12	1.53E-13	-7.94	19.8581931	-1.66E-01	85185607	85185730	NC_000016.9
cg19031085	2.83E-12	1.54E-13	-7.94	19.8552198	-1.44E-01	135228288	135228411	NC_000005.9
cg15132169	2.84E-12	1.54E-13	-7.94	19.8541594	-1.70E-01	149805995	149806118	NC_000006.11
cg22014579	2.84E-12	1.54E-13	-7.94	19.8540008	-1.80E-01	38795051	38795174	NC_000019.9
cg15396799	2.84E-12	1.54E-13	-7.94	19.8532469	-7.14E-02	95953574	95953697	NC_000013.10
cg00145103	2.84E-12	1.54E-13	-7.94	19.8520534	-8.49E-02	21360741	21360864	NC_000017.10
cg01833675	2.84E-12	1.54E-13	-7.94	19.8511905	-2.08E-01	225266876	225266999	NC_000002.11

cg05990579	2.85E-12	1.55E-13	-7.94	19.8475226	-4.39E-02	40531343	40531466	NC_000015.9
cg11543397	2.86E-12	1.55E-13	-7.94	19.8466972	-9.24E-02	120220094	120220217	NC_000008.10
cg18099096	2.86E-12	1.55E-13	-7.94	19.8452041	-1.75E-01	23936764	23936887	NC_000004.11
cg19382019	2.86E-12	1.55E-13	-7.94	19.8443471	-1.63E-01	48796188	48796311	NC_000019.9
cg02780181	2.86E-12	1.55E-13	-7.94	19.8441471	-4.43E-02	6704622	6704745	NC_000011.9
cg09866104	2.86E-12	1.56E-13	-7.94	19.843585	-1.04E-01	128039279	128039402	NC_000010.10
cg27359972	2.87E-12	1.56E-13	-7.94	19.8415397	-5.36E-02	49375733	49375856	NC_000019.9
cg13405631	2.87E-12	1.56E-13	-7.94	19.8397365	-1.39E-01	36259166	36259289	NC_000006.11
ch.3.2480551F	2.88E-12	1.57E-13	-7.94	19.8367876	-1.23E-01	126188702	126188825	NC_000003.11
cg09478857	2.89E-12	1.57E-13	-7.94	19.8353581	-8.98E-02	117664976	117665099	NC_000001.10
cg00555085	2.89E-12	1.57E-13	-7.94	19.8350117	-1.38E-01	87616248	87616371	NC_000016.9
cg04408104	2.89E-12	1.57E-13	-7.94	19.8342501	-1.77E-01	160106670	160106793	NC_000002.11
cg03060603	2.89E-12	1.57E-13	-7.94	19.8322636	-1.17E-01	24464620	24464743	NC_000013.10
cg08536838	2.91E-12	1.58E-13	-7.94	19.8263021	-1.58E-01	63559901	63560024	NC_000017.10
cg19138538	2.91E-12	1.58E-13	-7.94	19.8256827	-1.33E-01	60623415	60623538	NC_000011.9
cg05199904	2.91E-12	1.58E-13	-7.94	19.8248739	-1.65E-01	71251691	71251814	NC_000005.9
cg21582831	2.92E-12	1.59E-13	-7.94	19.8246293	-1.70E-01	47029458	47029581	NC_000003.11
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cg12642431	2.93E-12	1.59E-13	-7.94	19.8211537	-1.95E-01	70994672	70994795	NC_000015.9
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cg25526061	2.93E-12	1.59E-13	-7.94	19.8203345	-1.56E-01	135088451	135088574	NC_000010.10
cg07102937	2.94E-12	1.60E-13	-7.94	19.8168669	-1.39E-01	966968	967091	NC_000007.13
cg04867406	2.94E-12	1.60E-13	-7.94	19.8145292	-3.37E-02	67211057	67211180	NC_000011.9
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cg12726927	2.95E-12	1.60E-13	-7.93	19.8138422	-6.02E-02	7941431	7941554	NC_000004.11

cg18066690	2.95E-12	1.61E-13	-7.93	19.8111106	-1.25E-01	48344060	48344183	NC_000008.10
cg27466235	2.95E-12	1.61E-13	-7.93	19.8109316	-1.71E-01	77625095	77625218	NC_000004.11
cg02630888	2.96E-12	1.61E-13	-7.93	19.8098985	-1.68E-01	15657820	15657943	NC_000004.11
cg18127823	2.96E-12	1.61E-13	-7.93	19.8076872	-1.43E-01	966081	966204	NC_000007.13
cg26182263	2.97E-12	1.61E-13	-7.93	19.8064895	-6.40E-02	22224973	22225096	NC_000008.10
cg27360527	2.97E-12	1.62E-13	-7.93	19.8059372	-4.04E-02	85722694	85722817	NC_000016.9
cg21042919	2.97E-12	1.62E-13	-7.93	19.8043089	-1.19E-01	36621139	36621262	NC_000017.10
cg05298628	2.98E-12	1.62E-13	-7.93	19.8008626	-1.10E-01	123379569	123379692	NC_000012.11
cg11306628	2.99E-12	1.63E-13	-7.93	19.7999501	-7.15E-02	560119	560242	NC_000007.13
cg17052756	2.99E-12	1.63E-13	-7.93	19.7996935	-1.49E-01	28143676	28143799	NC_000007.13
cg04275695	2.99E-12	1.63E-13	-7.93	19.7986211	-1.89E-01	149806273	149806396	NC_000006.11
cg22821355	3.00E-12	1.63E-13	-7.93	19.7959682	-1.08E-01	10117479	10117602	NC_000004.11
cg04122324	3.00E-12	1.63E-13	-7.93	19.7947949	-7.48E-02	45563586	45563709	NC_000013.10
cg27051290	3.00E-12	1.64E-13	-7.93	19.7936694	-2.54E-02	85521839	85521962	NC_000011.9
cg06378498	3.01E-12	1.64E-13	-7.93	19.7912056	-6.12E-02	40540460	40540583	NC_000017.10
cg05781984	3.01E-12	1.64E-13	-7.93	19.7902232	-1.02E-01	43237642	43237765	NC_000006.11
cg03051979	3.02E-12	1.64E-13	-7.93	19.7888648	-6.68E-02	58283909	58284032	NC_000016.9
cg24889829	3.02E-12	1.65E-13	-7.93	19.7878525	-1.31E-01	1776347	1776470	NC_000008.10
cg08772163	3.02E-12	1.65E-13	-7.93	19.7876165	-1.11E-01	50202570	50202693	NC_000013.10
cg15589354	3.03E-12	1.65E-13	-7.93	19.7835909	-9.13E-02	229760606	229760729	NC_000001.10
cg04003327	3.03E-12	1.65E-13	-7.93	19.7830462	-1.98E-01	239007828	239007951	NC_000002.11
cg11185991	3.05E-12	1.66E-13	-7.93	19.7788301	-1.74E-01	98194116	98194239	NC_000008.10
cg04636834	3.05E-12	1.66E-13	-7.93	19.7784506	-1.13E-01	685580	685703	NC_000016.9
cg12238291	3.05E-12	1.66E-13	-7.93	19.7773958	-1.62E-01	46415744	46415867	NC_000020.10
cg24967811	3.05E-12	1.66E-13	-7.93	19.7766987	-2.21E-01	123503709	123503832	NC_000012.11

cg19714347	3.07E-12	1.67E-13	-7.93	19.7712021	-1.41E-01	30175092	30175215	NC_000006.11
cg11346754	3.07E-12	1.68E-13	-7.93	19.7694728	-7.62E-02	105946772	105946895	NC_000002.11
cg22877570	3.08E-12	1.68E-13	-7.93	19.7682965	-1.58E-01	171175950	171176073	NC_000003.11
cg05442902	3.08E-12	1.68E-13	-7.93	19.7668741	-9.28E-02	21369010	21369133	NC_000022.10
cg02864638	3.08E-12	1.68E-13	-7.93	19.7661922	-1.78E-01	20840716	20840839	NC_000017.10
cg14911460	3.09E-12	1.69E-13	-7.93	19.7643543	-7.17E-02	30810852	30810975	NC_000007.13
cg10531864	3.11E-12	1.70E-13	-7.93	19.7562243	-4.55E-02	64014518	64014641	NC_000011.9
cg15504730	3.12E-12	1.70E-13	-7.93	19.7554795	-1.25E-01	98969199	98969322	NC_000007.13
cg09744759	3.13E-12	1.71E-13	-7.92	19.7520482	-7.51E-02	5469255	5469378	NC_000007.13
cg24500422	3.13E-12	1.71E-13	-7.92	19.7511329	-6.87E-02	31708278	31708401	NC_000006.11
cg05674737	3.13E-12	1.71E-13	-7.92	19.7500888	-5.74E-02	10723046	10723169	NC_000006.11
cg01561528	3.14E-12	1.71E-13	-7.92	19.7486476	-9.32E-02	156593698	156593821	NC_000001.10
cg06955158	3.14E-12	1.71E-13	-7.92	19.7473893	-5.65E-02	10249878	10250001	NC_000005.9
cg01229567	3.14E-12	1.71E-13	-7.92	19.7470394	-9.52E-02	1549818	1549941	NC_000001.10
cg00753924	3.14E-12	1.72E-13	-7.92	19.7464968	-1.56E-01	137298813	137298936	NC_000009.11
cg23164850	3.14E-12	1.72E-13	-7.92	19.7457788	-1.09E-01	79495348	79495471	NC_000017.10
cg09342417	3.14E-12	1.72E-13	-7.92	19.7457466	-1.69E-01	17715813	17715936	NC_000010.10
cg15172381	3.15E-12	1.72E-13	-7.92	19.745038	-7.48E-02	133404647	133404770	NC_000012.11
cg00314750	3.15E-12	1.72E-13	-7.92	19.7443692	-6.48E-02	107281821	107281944	NC_000008.10
cg24924502	3.16E-12	1.72E-13	-7.92	19.7420839	-1.70E-01	79109777	79109900	NC_000017.10
cg01554963	3.17E-12	1.73E-13	-7.92	19.7377454	-1.54E-01	773023	773146	NC_000017.10
cg25793692	3.17E-12	1.73E-13	-7.92	19.7367414	-3.09E-02	62538781	62538904	NC_000010.10
ch.10.1028651F	3.17E-12	1.73E-13	-7.92	19.7360123	-5.77E-02	44969997	44970120	NC_000010.10
cg10721755	3.18E-12	1.74E-13	-7.92	19.7353709	-1.63E-01	211547951	211548074	NC_000001.10
cg27361011	3.18E-12	1.74E-13	-7.92	19.7341411	-9.51E-02	121280106	121280229	NC_000002.11



cg14839808	3.18E-12	1.74E-13	-7.92	19.7322752	-5.24E-02	28343774	28343897	NC_000012.11
cg02171500	3.19E-12	1.74E-13	-7.92	19.7319949	-7.13E-02	67888269	67888392	NC_000011.9
cg15503799	3.19E-12	1.74E-13	-7.92	19.7316437	-5.06E-02	156737481	156737604	NC_000001.10
cg25843651	3.19E-12	1.74E-13	-7.92	19.730429	-1.06E-01	86329602	86329725	NC_000015.9
cg18526870	3.19E-12	1.75E-13	-7.92	19.7290862	-1.64E-01	234545177	234545300	NC_000002.11
cg21733911	3.20E-12	1.75E-13	-7.92	19.7274862	-6.75E-02	180397238	180397361	NC_000003.11
cg09829838	3.20E-12	1.75E-13	-7.92	19.7261275	-6.30E-02	42952307	42952430	NC_000006.11
cg04621997	3.21E-12	1.75E-13	-7.92	19.7255274	-1.79E-01	45357075	45357198	NC_000010.10
cg20775840	3.21E-12	1.76E-13	-7.92	19.7237861	-6.46E-02	151150431	151150554	NC_000005.9
cg16349093	3.21E-12	1.76E-13	-7.92	19.7228227	-2.00E-01	90485840	90485963	NC_000005.9
cg10498984	3.21E-12	1.76E-13	-7.92	19.7225917	-5.37E-02	28874827	28874950	NC_000016.9
cg21510892	3.23E-12	1.76E-13	-7.92	19.7190795	-4.52E-02	155604819	155604942	NC_000007.13
cg02893212	3.23E-12	1.77E-13	-7.92	19.718577	-1.25E-01	81375505	81375628	NC_000004.11
cg17028105	3.24E-12	1.77E-13	-7.92	19.7148401	-4.62E-02	238027783	238027906	NC_000001.10
cg16945415	3.24E-12	1.77E-13	-7.92	19.7134781	-1.47E-01	125980095	125980218	NC_000003.11
cg18838605	3.24E-12	1.77E-13	-7.92	19.7133082	-1.31E-01	185520416	185520539	NC_000004.11
cg01941018	3.24E-12	1.77E-13	-7.92	19.7132181	-6.85E-02	7125774	7125897	NC_000012.11
cg18691564	3.24E-12	1.78E-13	-7.92	19.7130707	-7.72E-02	43242911	43243034	NC_000006.11
cg01542384	3.25E-12	1.78E-13	-7.92	19.7106373	-1.59E-01	50284305	50284428	NC_000003.11
cg22541143	3.25E-12	1.78E-13	-7.92	19.7103425	-7.99E-02	84377292	84377415	NC_000004.11
cg12190057	3.25E-12	1.78E-13	-7.92	19.7103335	-5.92E-02	53469041	53469164	NC_000016.9
cg01604401	3.26E-12	1.78E-13	-7.92	19.7083973	-1.72E-01	36153186	36153309	NC_000020.10
cg23978657	3.26E-12	1.79E-13	-7.92	19.7071427	-1.07E-01	89664260	89664383	NC_000001.10
cg21426065	3.27E-12	1.79E-13	-7.92	19.7048626	-1.69E-01	31743986	31744109	NC_000006.11
cg09634659	3.27E-12	1.79E-13	-7.92	19.7028113	-1.69E-01	26678100	26678223	NC_000001.10

ch.17.10619372R	3.28E-12	1.80E-13	-7.92	19.7014808	-5.40E-02	10678647	10678770	NC_000017.10
cg06231863	3.30E-12	1.81E-13	-7.92	19.6948826	-8.99E-02	67559939	67560062	NC_000011.9
cg00986910	3.30E-12	1.81E-13	-7.91	19.6940171	-1.76E-01	55450569	55450692	NC_000003.11
cg18513624	3.30E-12	1.81E-13	-7.91	19.6938068	-5.04E-02	19974307	19974430	NC_000022.10
cg09548403	3.31E-12	1.81E-13	-7.91	19.6926935	-7.89E-02	232840764	232840887	NC_000001.10
cg16482761	3.31E-12	1.81E-13	-7.91	19.6924713	-1.87E-01	138061348	138061471	NC_000005.9
cg26893787	3.31E-12	1.81E-13	-7.91	19.6916334	-1.24E-01	5838760	5838883	NC_000019.9
cg24137543	3.31E-12	1.81E-13	-7.91	19.6913286	-1.61E-01	140893634	140893757	NC_000005.9
cg14186336	3.31E-12	1.82E-13	-7.91	19.691097	-1.59E-01	124045139	124045262	NC_000009.11
cg11843502	3.31E-12	1.82E-13	-7.91	19.6904074	-5.49E-02	7843515	7843638	NC_000001.10
cg00492873	3.31E-12	1.82E-13	-7.91	19.6900558	-6.68E-02	35247496	35247619	NC_000001.10
cg09363618	3.32E-12	1.82E-13	-7.91	19.6894931	-5.27E-02	196045435	196045558	NC_000003.11
cg16362480	3.32E-12	1.82E-13	-7.91	19.688304	-9.23E-02	30077084	30077207	NC_000016.9
cg09729274	3.33E-12	1.83E-13	-7.91	19.6853427	-1.75E-01	102550720	102550843	NC_000008.10
cg16900604	3.33E-12	1.83E-13	-7.91	19.685205	-1.71E-01	208260036	208260159	NC_000002.11
cg09668030	3.33E-12	1.83E-13	-7.91	19.6833657	-2.20E-01	27852173	27852296	NC_000001.10
cg03873049	3.34E-12	1.83E-13	-7.91	19.6817819	-1.48E-01	149625194	149625317	NC_000005.9
cg06758255	3.36E-12	1.84E-13	-7.91	19.677055	-2.39E-01	52532750	52532873	NC_000016.9
cg15825304	3.36E-12	1.84E-13	-7.91	19.676808	-1.37E-01	241505201	241505324	NC_000002.11
cg17239678	3.36E-12	1.84E-13	-7.91	19.6754018	-6.36E-02	38273928	38274051	NC_000001.10
cg14446406	3.36E-12	1.84E-13	-7.91	19.675363	-1.62E-01	93919335	93919458	NC_000009.11
cg14965524	3.36E-12	1.84E-13	-7.91	19.675068	-9.64E-02	10541267	10541390	NC_000019.9
cg07144730	3.37E-12	1.85E-13	-7.91	19.6732428	-7.93E-02	151344076	151344199	NC_000002.11
cg23172853	3.37E-12	1.85E-13	-7.91	19.6731278	-1.70E-01	231842206	231842329	NC_000001.10
cg13393785	3.37E-12	1.85E-13	-7.91	19.671262	-1.38E-01	8317932	8318055	NC_000019.9

cg21806747	3.37E-12	1.85E-13	-7.91	19.6711707	-1.60E-01	96089695	96089818	NC_000008.10
cg15153383	3.38E-12	1.86E-13	-7.91	19.6692485	-4.02E-02	57770620	57770743	NC_000016.9
cg00273813	3.39E-12	1.86E-13	-7.91	19.6650122	-3.79E-02	18477993	18478116	NC_000020.10
cg26055488	3.40E-12	1.87E-13	-7.91	19.663801	-1.76E-01	76993618	76993741	NC_000017.10
cg13447566	3.40E-12	1.87E-13	-7.91	19.6632001	-1.73E-01	133801544	133801667	NC_000009.11
cg06549530	3.40E-12	1.87E-13	-7.91	19.6623721	-6.22E-02	125755119	125755242	NC_000010.10
cg16182447	3.41E-12	1.87E-13	-7.91	19.6615341	-1.79E-01	69264617	69264740	NC_000011.9
cg02131018	3.41E-12	1.87E-13	-7.91	19.6601858	-1.44E-01	73723546	73723669	NC_000003.11
cg08158518	3.41E-12	1.87E-13	-7.91	19.6598703	-1.82E-01	140866589	140866712	NC_000003.11
cg10795659	3.42E-12	1.88E-13	-7.91	19.6576086	-2.16E-01	72415998	72416121	NC_000005.9
cg13445177	3.42E-12	1.88E-13	-7.91	19.6563262	-1.60E-01	151967021	151967144	NC_000001.10
cg02780269	3.43E-12	1.89E-13	-7.91	19.6531041	-1.80E-01	80292252	80292375	NC_000017.10
cg17038235	3.44E-12	1.89E-13	-7.91	19.6524135	-1.35E-01	172370524	172370647	NC_000005.9
cg18830978	3.44E-12	1.89E-13	-7.91	19.6510785	-7.98E-02	45563598	45563721	NC_000013.10
cg08753297	3.44E-12	1.89E-13	-7.91	19.6508862	-3.73E-02	56716612	56716735	NC_000006.11
cg19008858	3.44E-12	1.89E-13	-7.91	19.6506933	-6.95E-02	72208433	72208556	NC_000017.10
cg21331510	3.44E-12	1.89E-13	-7.91	19.6500798	-1.40E-01	45597727	45597850	NC_000022.10
cg16371860	3.45E-12	1.90E-13	-7.91	19.6482184	-7.86E-02	42880448	42880571	NC_000021.8
cg26028571	3.45E-12	1.90E-13	-7.91	19.6474959	-1.36E-01	38172403	38172526	NC_000022.10
cg22685903	3.46E-12	1.90E-13	-7.91	19.6461325	-1.72E-01	76856176	76856299	NC_000011.9
cg19255136	3.46E-12	1.90E-13	-7.91	19.6460232	-1.09E-01	179529599	179529722	NC_000003.11
cg20631044	3.46E-12	1.90E-13	-7.91	19.6446882	-9.96E-02	41255890	41256013	NC_000019.9
cg14001360	3.46E-12	1.90E-13	-7.91	19.6444383	-6.11E-02	28113654	28113777	NC_000002.11
cg22172610	3.46E-12	1.90E-13	-7.91	19.6437543	-1.44E-01	79141661	79141784	NC_000005.9
cg27588093	3.46E-12	1.91E-13	-7.91	19.6432732	-1.45E-01	3276413	3276536	NC_000001.10

ch.19.565153F	3.47E-12	1.91E-13	-7.91	19.6425795	-2.29E-02	12824987	12825110	NC_000019.9
cg14594187	3.47E-12	1.91E-13	-7.91	19.6407422	-1.52E-01	124498961	124499084	NC_000009.11
cg24083923	3.48E-12	1.91E-13	-7.91	19.639196	-7.22E-02	56123522	56123645	NC_000012.11
ch.6.1080076F	3.48E-12	1.91E-13	-7.91	19.6385646	-5.92E-02	43570680	43570803	NC_000006.11
cg08357125	3.48E-12	1.92E-13	-7.91	19.6381691	-8.03E-02	73404999	73405122	NC_000002.11
cg24331384	3.48E-12	1.92E-13	-7.91	19.6370397	-8.35E-02	110337835	110337958	NC_000012.11
cg08120226	3.49E-12	1.92E-13	-7.9	19.6338641	-1.13E-01	195531633	195531756	NC_000003.11
cg08945450	3.50E-12	1.92E-13	-7.9	19.6333554	-9.55E-02	11795905	11796028	NC_000001.10
cg23359385	3.50E-12	1.93E-13	-7.9	19.6320958	-1.25E-01	145759815	145759938	NC_000008.10
cg08797444	3.50E-12	1.93E-13	-7.9	19.6319229	-1.59E-01	116384079	116384202	NC_000010.10
cg08336938	3.51E-12	1.93E-13	-7.9	19.629397	-1.87E-01	126703882	126704005	NC_000011.9
cg01903799	3.52E-12	1.94E-13	-7.9	19.6272261	-1.49E-01	148467709	148467832	NC_000004.11
cg23250795	3.52E-12	1.94E-13	-7.9	19.6264932	-2.36E-01	130059791	130059914	NC_000011.9
cg15695155	3.53E-12	1.95E-13	-7.9	19.6218686	-1.56E-01	121973871	121973994	NC_000012.11
cg02871021	3.54E-12	1.95E-13	-7.9	19.6216394	-1.58E-01	10715715	10715838	NC_000011.9
cg03468382	3.54E-12	1.95E-13	-7.9	19.6208969	-9.47E-02	94353952	94354075	NC_000010.10
cg14613470	3.54E-12	1.95E-13	-7.9	19.6204149	-1.21E-01	137071799	137071922	NC_000005.9
cg09310383	3.55E-12	1.95E-13	-7.9	19.6178728	-3.08E-02	37218128	37218251	NC_000003.11
cg24937877	3.55E-12	1.96E-13	-7.9	19.6176568	-9.91E-02	11444066	11444189	NC_000001.10
cg11831006	3.55E-12	1.96E-13	-7.9	19.6173727	-1.59E-01	125100635	125100758	NC_000003.11
cg16514513	3.56E-12	1.96E-13	-7.9	19.6158119	-9.81E-02	48263159	48263282	NC_000017.10
cg14475772	3.56E-12	1.96E-13	-7.9	19.6157898	-7.13E-02	150207136	150207259	NC_000001.10
cg01558215	3.56E-12	1.96E-13	-7.9	19.6147423	-1.42E-01	31778815	31778938	NC_000013.10
cg08382072	3.56E-12	1.96E-13	-7.9	19.6147309	-1.66E-01	10521309	10521432	NC_000006.11
cg10299448	3.56E-12	1.96E-13	-7.9	19.6146429	-6.32E-02	10018532	10018655	NC_000017.10

cg00904258	3.56E-12	1.96E-13	-7.9	19.6144359	-1.75E-01	968194	968317	NC_000007.13
cg16847396	3.57E-12	1.97E-13	-7.9	19.611539	-1.07E-01	10489236	10489359	NC_000008.10
cg09195081	3.57E-12	1.97E-13	-7.9	19.609999	-5.89E-02	24951395	24951518	NC_000022.10
cg10384569	3.57E-12	1.97E-13	-7.9	19.6099459	-9.27E-02	50000586	50000709	NC_000019.9
cg22352499	3.57E-12	1.97E-13	-7.9	19.6098699	-1.73E-01	30812642	30812765	NC_000022.10
cg22996605	3.57E-12	1.97E-13	-7.9	19.609721	-5.46E-02	43138883	43139006	NC_000006.11
cg06233503	3.58E-12	1.98E-13	-7.9	19.6077415	-1.68E-01	2812674	2812797	NC_000011.9
cg12210836	3.58E-12	1.98E-13	-7.9	19.6074143	-1.65E-01	131481003	131481126	NC_000006.11
cg09652509	3.58E-12	1.98E-13	-7.9	19.6071621	-1.33E-01	181252554	181252677	NC_000003.11
cg07703358	3.59E-12	1.98E-13	-7.9	19.6062551	-5.06E-02	138702117	138702240	NC_000007.13
cg03754143	3.59E-12	1.98E-13	-7.9	19.6042651	-6.12E-02	1981548	1981671	NC_000001.10
cg08306303	3.60E-12	1.99E-13	-7.9	19.6021816	-1.63E-01	119567761	119567884	NC_000011.9
cg16207110	3.62E-12	2.00E-13	-7.9	19.5967235	-1.05E-01	37024401	37024524	NC_000017.10
cg16037981	3.62E-12	2.00E-13	-7.9	19.5966032	-1.83E-01	2700093	2700216	NC_000017.10
cg20868668	3.63E-12	2.01E-13	-7.9	19.5924766	-9.45E-02	100435035	100435158	NC_000001.10
cg17864646	3.64E-12	2.01E-13	-7.9	19.591513	-1.22E-01	80297148	80297271	NC_000017.10
cg02916470	3.65E-12	2.01E-13	-7.9	19.5889971	-6.45E-02	17659454	17659577	NC_000010.10
cg03737424	3.65E-12	2.01E-13	-7.9	19.5881954	-1.44E-01	67550511	67550634	NC_000016.9
cg13609040	3.65E-12	2.02E-13	-7.9	19.5869785	-9.41E-02	118960340	118960463	NC_000003.11
cg10616672	3.66E-12	2.02E-13	-7.9	19.585772	-6.95E-02	32112379	32112502	NC_000012.11
cg01733904	3.66E-12	2.02E-13	-7.9	19.5856155	-2.16E-01	110493045	110493168	NC_000013.10
cg11481582	3.66E-12	2.02E-13	-7.9	19.5842615	-1.92E-01	74080805	74080928	NC_000010.10
cg03910767	3.68E-12	2.03E-13	-7.9	19.5799216	-7.22E-02	110626977	110627100	NC_000001.10
cg03703171	3.68E-12	2.03E-13	-7.9	19.5796217	-1.82E-01	113875226	113875349	NC_000002.11
cg16714752	3.68E-12	2.03E-13	-7.9	19.5795304	-1.04E-01	39368184	39368307	NC_000004.11

cg02064724	3.68E-12	2.03E-13	-7.9	19.579207	-2.05E-01	74179953	74180076	NC_000014.8
cg05187247	3.68E-12	2.03E-13	-7.9	19.5783296	-1.61E-01	101455260	101455383	NC_000014.8
cg20491838	3.69E-12	2.04E-13	-7.9	19.5777851	-6.23E-02	1611451	1611574	NC_000006.11
cg04229842	3.69E-12	2.04E-13	-7.9	19.5769037	-5.26E-02	55038233	55038356	NC_000017.10
cg01965822	3.69E-12	2.04E-13	-7.9	19.5768824	-5.11E-02	55322307	55322430	NC_000007.13
cg19081843	3.69E-12	2.04E-13	-7.9	19.5759618	-8.82E-02	68606654	68606777	NC_000011.9
cg01152073	3.70E-12	2.04E-13	-7.9	19.5749343	-6.78E-02	179246575	179246698	NC_000005.9
cg13926833	3.70E-12	2.04E-13	-7.89	19.5741581	-1.11E-01	109274429	109274552	NC_000006.11
cg14535884	3.71E-12	2.05E-13	-7.89	19.5720748	-6.93E-02	117349621	117349744	NC_000009.11
cg01799338	3.71E-12	2.05E-13	-7.89	19.5720201	-5.66E-02	36348937	36349060	NC_000001.10
cg24327877	3.72E-12	2.05E-13	-7.89	19.5691769	-1.18E-01	131222276	131222399	NC_000006.11
cg25025455	3.72E-12	2.06E-13	-7.89	19.5683111	-3.55E-02	134204912	134205035	NC_000003.11
cg27527018	3.72E-12	2.06E-13	-7.89	19.5671213	-1.12E-01	149570040	149570163	NC_000007.13
cg24826392	3.72E-12	2.06E-13	-7.89	19.5671035	-4.19E-02	73964445	73964568	NC_000002.11
cg17868893	3.73E-12	2.06E-13	-7.89	19.5663883	-1.87E-01	201217491	201217614	NC_000002.11
cg22797884	3.73E-12	2.06E-13	-7.89	19.5659144	-1.09E-01	37800967	37801090	NC_000019.9
cg18337363	3.74E-12	2.07E-13	-7.89	19.5616524	-1.59E-01	52569053	52569176	NC_000003.11
cg18912103	3.74E-12	2.07E-13	-7.89	19.5611019	-1.38E-01	2944692	2944815	NC_000004.11
ch.16.47020004F	3.75E-12	2.07E-13	-7.89	19.5606202	-5.97E-02	48462503	48462626	NC_000016.9
cg15754878	3.75E-12	2.07E-13	-7.89	19.5605005	-2.07E-01	174917344	174917467	NC_000002.11
cg26608221	3.75E-12	2.07E-13	-7.89	19.5603387	-3.61E-02	74692293	74692416	NC_000002.11
cg26804772	3.75E-12	2.07E-13	-7.89	19.5598267	-1.30E-01	68084465	68084588	NC_000001.10
cg09311964	3.76E-12	2.08E-13	-7.89	19.5578962	-7.65E-02	40831349	40831472	NC_000017.10
cg11417612	3.76E-12	2.08E-13	-7.89	19.5567376	-1.45E-01	107779567	107779690	NC_000012.11
cg02709840	3.76E-12	2.08E-13	-7.89	19.5564133	-7.41E-02	67062875	67062998	NC_000016.9

cg19092396	3.76E-12	2.08E-13	-7.89	19.5563445	-1.34E-01	1143751	1143874	NC_000001.10
cg22858169	3.77E-12	2.08E-13	-7.89	19.5546949	-1.19E-01	128832645	128832768	NC_000007.13
cg14841540	3.77E-12	2.09E-13	-7.89	19.5536896	-2.04E-01	90427858	90427981	NC_000001.10
ch.2.8786390R	3.77E-12	2.09E-13	-7.89	19.5532987	-3.12E-02	8868939	8869062	NC_000002.11
cg11326613	3.77E-12	2.09E-13	-7.89	19.5532589	-4.72E-02	35657478	35657601	NC_000009.11
cg03950253	3.77E-12	2.09E-13	-7.89	19.552995	-1.71E-01	134345856	134345979	NC_000007.13
cg04604708	3.77E-12	2.09E-13	-7.89	19.5520416	-1.89E-01	137638053	137638176	NC_000007.13
cg01165442	3.78E-12	2.09E-13	-7.89	19.5519695	-1.51E-01	74465188	74465311	NC_000004.11
cg21531126	3.78E-12	2.09E-13	-7.89	19.5518377	-1.60E-01	40361439	40361562	NC_000006.11
ch.8.123133581F	3.79E-12	2.10E-13	-7.89	19.5482558	-5.51E-02	123064400	123064523	NC_000008.10
cg19607021	3.80E-12	2.10E-13	-7.89	19.5459824	-1.56E-01	139104833	139104956	NC_000005.9
cg25324164	3.80E-12	2.10E-13	-7.89	19.5454576	-1.49E-01	61598330	61598453	NC_000011.9
cg07905054	3.80E-12	2.10E-13	-7.89	19.5454322	-1.41E-01	102272136	102272259	NC_000012.11
cg24704396	3.80E-12	2.11E-13	-7.89	19.5448315	-1.49E-01	134617238	134617361	NC_000010.10
ch.17.2196713R	3.81E-12	2.11E-13	-7.89	19.5422418	-2.96E-02	79124036	79124159	NC_000017.10
cg07554496	3.81E-12	2.11E-13	-7.89	19.5417114	-1.89E-01	240020152	240020275	NC_000002.11
cg18272538	3.82E-12	2.12E-13	-7.89	19.5390849	-1.28E-01	210425852	210425975	NC_000001.10
cg11837267	3.85E-12	2.13E-13	-7.89	19.5320353	-6.95E-02	24898889	24899012	NC_000014.8
cg20222562	3.85E-12	2.14E-13	-7.89	19.5308491	-1.73E-01	113993995	113994118	NC_000006.11
cg08508763	3.86E-12	2.14E-13	-7.89	19.5297548	-1.05E-01	42201380	42201503	NC_000003.11
cg09015246	3.86E-12	2.14E-13	-7.89	19.5286971	-1.97E-01	10971105	10971228	NC_000016.9
cg26412374	3.86E-12	2.14E-13	-7.89	19.5283123	-1.54E-01	63437874	63437997	NC_000011.9
cg07164659	3.86E-12	2.14E-13	-7.89	19.5277418	-9.94E-02	22526889	22527012	NC_000008.10
cg07641807	3.87E-12	2.14E-13	-7.89	19.5270306	-1.26E-01	92001959	92002082	NC_000013.10
cg10089193	3.87E-12	2.14E-13	-7.89	19.5268319	-1.04E-01	1140939	1141062	NC_000016.9

cg02988312	3.87E-12	2.15E-13	-7.89	19.5256973	-2.58E-01	1342161	1342284	NC_000004.11
cg04878119	3.87E-12	2.15E-13	-7.89	19.5253775	-6.10E-02	97558075	97558198	NC_000007.13
cg09935766	3.87E-12	2.15E-13	-7.89	19.5248008	-3.55E-02	25219892	25220015	NC_000007.13
cg14919082	3.87E-12	2.15E-13	-7.89	19.5244509	-1.60E-01	54901055	54901178	NC_000002.11
cg17720231	3.88E-12	2.15E-13	-7.89	19.5237366	-7.90E-02	159915374	159915497	NC_000001.10
cg19898668	3.88E-12	2.15E-13	-7.89	19.5231305	-7.69E-02	23356370	23356493	NC_000014.8
cg05771157	3.89E-12	2.16E-13	-7.89	19.5200871	-1.75E-01	15595999	15596122	NC_000016.9
cg00050872	3.89E-12	2.16E-13	-7.89	19.5190085	-9.63E-02	128092224	128092347	NC_000007.13
cg04829830	3.90E-12	2.16E-13	-7.89	19.5184651	-1.60E-01	105339549	105339672	NC_000014.8
cg15073462	3.90E-12	2.16E-13	-7.89	19.5175946	-6.13E-02	172469117	172469240	NC_000003.11
cg05048402	3.90E-12	2.17E-13	-7.89	19.5166937	-1.33E-01	42282128	42282251	NC_000006.11
cg08379212	3.90E-12	2.17E-13	-7.89	19.5161426	-5.00E-02	97803058	97803181	NC_000010.10
cg18628646	3.90E-12	2.17E-13	-7.89	19.5159515	-1.70E-01	184908739	184908862	NC_000004.11
cg22230584	3.90E-12	2.17E-13	-7.89	19.5159438	-6.11E-02	37011528	37011651	NC_000017.10
cg03340026	3.91E-12	2.17E-13	-7.89	19.514786	-1.24E-01	1403530	1403653	NC_000019.9
cg13127386	3.91E-12	2.17E-13	-7.88	19.5132714	-1.52E-01	51818768	51818891	NC_000012.11
cg03080336	3.92E-12	2.18E-13	-7.88	19.5120159	-1.90E-01	186033378	186033501	NC_000004.11
cg27016579	3.92E-12	2.18E-13	-7.88	19.5113434	-1.26E-01	168778028	168778151	NC_000005.9
cg01759437	3.93E-12	2.18E-13	-7.88	19.5096495	-4.21E-02	44925080	44925203	NC_000007.13
cg11909975	3.93E-12	2.18E-13	-7.88	19.5081714	-1.34E-01	128159058	128159181	NC_000002.11
cg17404403	3.94E-12	2.19E-13	-7.88	19.5065777	-6.60E-02	110737017	110737140	NC_000004.11
cg16033723	3.94E-12	2.19E-13	-7.88	19.5054348	-1.57E-01	31402883	31403006	NC_000003.11
cg15298286	3.95E-12	2.19E-13	-7.88	19.5044162	-1.63E-01	62075324	62075447	NC_000017.10
cg02328326	3.95E-12	2.19E-13	-7.88	19.504015	-1.66E-01	68038930	68039053	NC_000015.9
cg17516156	3.95E-12	2.19E-13	-7.88	19.5038843	-1.54E-01	191207820	191207943	NC_000002.11



cg19884658	3.95E-12	2.20E-13	-7.88	19.5035885	-1.81E-01	6664268	6664391	NC_000001.10
cg05551922	3.95E-12	2.20E-13	-7.88	19.5028296	-1.14E-01	49396232	49396355	NC_000003.11
cg01902036	3.96E-12	2.20E-13	-7.88	19.500206	-1.44E-01	80551401	80551524	NC_000007.13
ch.14.71046539R	3.97E-12	2.21E-13	-7.88	19.4968537	-4.89E-02	71976786	71976909	NC_000014.8
cg16547869	3.99E-12	2.22E-13	-7.88	19.4932505	-1.49E-01	130578379	130578502	NC_000005.9
cg02721693	3.99E-12	2.22E-13	-7.88	19.4928365	-1.78E-01	182922705	182922828	NC_000001.10
cg12846656	3.99E-12	2.22E-13	-7.88	19.4923443	-1.78E-01	72683866	72683989	NC_000005.9
cg10718608	4.00E-12	2.23E-13	-7.88	19.4899706	-1.75E-01	19438221	19438344	NC_000017.10
ch.1.89724558F	4.00E-12	2.23E-13	-7.88	19.4899324	-6.05E-02	89951970	89952093	NC_000001.10
cg02678414	4.01E-12	2.23E-13	-7.88	19.4879912	-1.29E-01	2209840	2209963	NC_000016.9
cg04285710	4.01E-12	2.23E-13	-7.88	19.4872907	-1.54E-01	74891564	74891687	NC_000001.10
cg25385366	4.02E-12	2.23E-13	-7.88	19.4859028	-9.30E-02	43809360	43809483	NC_000021.8
cg12825880	4.02E-12	2.24E-13	-7.88	19.4843169	-2.44E-02	69455671	69455794	NC_000011.9
cg03116409	4.02E-12	2.24E-13	-7.88	19.484045	-1.61E-01	66042554	66042677	NC_000012.11
cg05955210	4.03E-12	2.24E-13	-7.88	19.4829068	-1.45E-01	38846698	38846821	NC_000005.9
cg07126783	4.03E-12	2.24E-13	-7.88	19.4818887	-1.93E-01	78800767	78800890	NC_000017.10
cg23991055	4.05E-12	2.25E-13	-7.88	19.4772524	-7.46E-02	64880626	64880749	NC_000011.9
cg25765569	4.06E-12	2.26E-13	-7.88	19.4749196	-5.12E-02	117175636	117175759	NC_000012.11
cg24280607	4.06E-12	2.26E-13	-7.88	19.4742159	-8.37E-02	41709584	41709707	NC_000015.9
cg16236228	4.07E-12	2.26E-13	-7.88	19.4727954	-1.79E-01	49205158	49205281	NC_000012.11
cg18879300	4.07E-12	2.27E-13	-7.88	19.4717327	-1.01E-01	17446768	17446891	NC_000001.10
cg06772221	4.08E-12	2.27E-13	-7.88	19.4704537	-1.55E-01	134062192	134062315	NC_000008.10
cg24207698	4.08E-12	2.27E-13	-7.88	19.4703209	-1.69E-01	166811308	166811431	NC_000002.11
cg07345934	4.08E-12	2.27E-13	-7.88	19.4685202	-2.46E-01	31845943	31846066	NC_000001.10
cg02952078	4.09E-12	2.28E-13	-7.88	19.4669555	-7.98E-02	205419204	205419327	NC_000001.10

cg06762457	4.10E-12	2.28E-13	-7.88	19.4651346	-1.59E-01	149806635	149806758	NC_000006.11
cg11641370	4.10E-12	2.28E-13	-7.88	19.4644314	-1.07E-01	145700190	145700313	NC_000008.10
cg03723907	4.10E-12	2.29E-13	-7.88	19.4638342	-1.20E-01	61262350	61262473	NC_000005.9
cg20389981	4.10E-12	2.29E-13	-7.88	19.4638073	-7.99E-02	128432280	128432403	NC_000007.13
cg04852977	4.10E-12	2.29E-13	-7.88	19.4633263	-1.23E-01	104510831	104510954	NC_000008.10
cg20154287	4.11E-12	2.29E-13	-7.88	19.4623849	-1.08E-01	1267350	1267473	NC_000019.9
cg13791379	4.11E-12	2.29E-13	-7.88	19.4612762	-1.68E-01	228528979	228529102	NC_000001.10
cg18883317	4.12E-12	2.30E-13	-7.88	19.4586861	-1.49E-01	6349400	6349523	NC_000005.9
cg26161816	4.13E-12	2.30E-13	-7.88	19.4568504	-1.69E-01	7414043	7414166	NC_000019.9
cg15681239	4.13E-12	2.30E-13	-7.88	19.4568006	-1.91E-01	38080203	38080326	NC_000003.11
ch.22.740407F	4.14E-12	2.31E-13	-7.88	19.4549105	-2.45E-02	41649341	41649464	NC_000022.10
ch.22.728807R	4.14E-12	2.31E-13	-7.87	19.4543339	-6.30E-02	41365631	41365754	NC_000022.10
cg20388732	4.15E-12	2.31E-13	-7.87	19.4527366	-2.44E-01	40439433	40439556	NC_000017.10
cg21125112	4.15E-12	2.31E-13	-7.87	19.4525947	-1.32E-01	109243325	109243448	NC_000006.11
cg00032246	4.15E-12	2.31E-13	-7.87	19.4524787	-1.39E-01	33913953	33914076	NC_000017.10
cg16178855	4.15E-12	2.31E-13	-7.87	19.4523985	-1.45E-01	56269979	56270102	NC_000020.10
cg12762029	4.15E-12	2.31E-13	-7.87	19.451866	-8.23E-02	119191624	119191747	NC_000011.9
cg16058607	4.15E-12	2.32E-13	-7.87	19.4510551	-6.33E-02	60298730	60298853	NC_000015.9
cg03574306	4.15E-12	2.32E-13	-7.87	19.4507642	-9.92E-02	85470662	85470785	NC_000016.9
cg16897462	4.15E-12	2.32E-13	-7.87	19.450527	-1.66E-01	77910840	77910963	NC_000017.10
ch.2.154083652F	4.16E-12	2.32E-13	-7.87	19.4497285	-8.26E-02	154375406	154375529	NC_000002.11
cg08917664	4.16E-12	2.32E-13	-7.87	19.4494995	-1.70E-01	147052445	147052568	NC_000001.10
cg04915300	4.16E-12	2.32E-13	-7.87	19.4492096	-1.54E-01	157314925	157315048	NC_000002.11
cg18608610	4.17E-12	2.33E-13	-7.87	19.4462927	-1.52E-01	43288889	43289012	NC_000007.13
cg25918080	4.17E-12	2.33E-13	-7.87	19.4460476	-1.11E-01	153990882	153991005	NC_000005.9

cg11699125	4.17E-12	2.33E-13	-7.87	19.4454726	-1.53E-01	6341327	6341450	NC_000001.10
cg24868150	4.17E-12	2.33E-13	-7.87	19.4453071	-9.03E-02	20861653	20861776	NC_000002.11
cg02076624	4.18E-12	2.33E-13	-7.87	19.4448741	-1.52E-01	4140935	4141058	NC_000012.11
cg04823921	4.18E-12	2.33E-13	-7.87	19.4447896	-4.96E-02	57556776	57556899	NC_000020.10
cg01243823	4.18E-12	2.33E-13	-7.87	19.4446186	-1.42E-01	50732212	50732335	NC_000016.9
cg03149958	4.18E-12	2.33E-13	-7.87	19.4427803	-1.54E-01	36326677	36326800	NC_000006.11
cg26160416	4.19E-12	2.34E-13	-7.87	19.4406045	-7.22E-02	37860602	37860725	NC_000001.10
cg18728264	4.19E-12	2.34E-13	-7.87	19.4398227	-1.35E-01	118766491	118766614	NC_000011.9
cg14796708	4.20E-12	2.35E-13	-7.87	19.4380216	-1.09E-01	41157075	41157198	NC_000001.10
cg06392426	4.20E-12	2.35E-13	-7.87	19.4374798	-5.70E-02	10676186	10676309	NC_000019.9
cg06191068	4.21E-12	2.35E-13	-7.87	19.4361726	-8.58E-02	76989451	76989574	NC_000017.10
cg05455747	4.22E-12	2.36E-13	-7.87	19.4336402	-9.42E-02	122573042	122573165	NC_000008.10
cg24137216	4.22E-12	2.36E-13	-7.87	19.4330757	-1.54E-01	145020381	145020504	NC_000008.10
cg10460350	4.23E-12	2.36E-13	-7.87	19.4320087	-1.19E-01	60658361	60658484	NC_000011.9
cg24863706	4.23E-12	2.37E-13	-7.87	19.4299438	-3.75E-02	120549163	120549286	NC_000004.11
cg04291430	4.24E-12	2.37E-13	-7.87	19.4288824	-1.28E-01	48206283	48206406	NC_000017.10
cg03591467	4.24E-12	2.37E-13	-7.87	19.4285207	-1.92E-01	163101493	163101616	NC_000002.11
cg08381620	4.24E-12	2.37E-13	-7.87	19.4282376	-1.52E-01	24062873	24062996	NC_000013.10
cg27469726	4.25E-12	2.37E-13	-7.87	19.426321	-1.54E-01	77394799	77394922	NC_000018.9
cg03047965	4.25E-12	2.38E-13	-7.87	19.424795	-1.16E-01	22935905	22936028	NC_000001.10
cg03854564	4.25E-12	2.38E-13	-7.87	19.4246757	-2.58E-01	1626477	1626600	NC_000017.10
ch.5.3276032R	4.26E-12	2.38E-13	-7.87	19.4242829	-9.84E-02	171862495	171862618	NC_000005.9
cg07665060	4.26E-12	2.38E-13	-7.87	19.4240008	-1.21E-01	38794598	38794721	NC_000019.9
cg00855901	4.26E-12	2.38E-13	-7.87	19.4236732	-1.45E-01	79085765	79085888	NC_000001.10
cg16724070	4.28E-12	2.39E-13	-7.87	19.4192082	-1.48E-01	183133736	183133859	NC_000001.10

cg15961044	4.28E-12	2.39E-13	-7.87	19.4178214	-5.05E-02	59992280	59992403	NC_000018.9
cg03806501	4.29E-12	2.40E-13	-7.87	19.415558	-1.81E-01	81130829	81130952	NC_000007.13
cg25117600	4.29E-12	2.40E-13	-7.87	19.415516	-1.72E-01	10023201	10023324	NC_000004.11
cg19879772	4.29E-12	2.40E-13	-7.87	19.4146355	-4.20E-02	45603385	45603508	NC_000014.8
cg27484412	4.30E-12	2.40E-13	-7.87	19.4141083	-2.09E-01	44876687	44876810	NC_000021.8
cg08968603	4.30E-12	2.40E-13	-7.87	19.4140827	-7.04E-02	1993659	1993782	NC_000016.9
cg20121012	4.30E-12	2.41E-13	-7.87	19.4128017	-1.69E-01	93516072	93516195	NC_000012.11
cg21647532	4.30E-12	2.41E-13	-7.87	19.4121579	-1.50E-01	85641985	85642108	NC_000002.11
cg25024734	4.31E-12	2.41E-13	-7.87	19.4117864	-1.39E-01	112152815	112152938	NC_000010.10
cg08063160	4.31E-12	2.41E-13	-7.87	19.4111662	-1.40E-01	238578376	238578499	NC_000002.11
cg03339458	4.31E-12	2.41E-13	-7.87	19.4105529	-7.05E-02	151300581	151300704	NC_000001.10
ch.19.253092F	4.32E-12	2.42E-13	-7.87	19.4090996	-4.75E-02	4694205	4694328	NC_000019.9
cg25631739	4.33E-12	2.42E-13	-7.87	19.4068435	-1.37E-01	1673510	1673633	NC_000005.9
cg16903174	4.33E-12	2.42E-13	-7.87	19.406054	-1.50E-01	9468351	9468474	NC_000002.11
cg01069845	4.33E-12	2.42E-13	-7.87	19.4058551	-1.88E-02	98273911	98274034	NC_000010.10
cg14574951	4.34E-12	2.43E-13	-7.87	19.403494	-1.58E-01	55861102	55861225	NC_000003.11
cg02301528	4.35E-12	2.44E-13	-7.87	19.4011056	-1.44E-01	12939519	12939642	NC_000012.11
cg19257762	4.35E-12	2.44E-13	-7.87	19.400169	-1.42E-01	157577893	157578016	NC_000007.13
cg04844574	4.35E-12	2.44E-13	-7.87	19.3999681	-2.30E-01	122028594	122028717	NC_000012.11
cg01396034	4.36E-12	2.44E-13	-7.87	19.398927	-2.85E-02	27623367	27623490	NC_000001.10
cg25013303	4.36E-12	2.44E-13	-7.87	19.3976765	-1.23E-01	10961257	10961380	NC_000001.10
ch.1.213506027F	4.37E-12	2.45E-13	-7.87	19.3963825	-6.05E-02	215439404	215439527	NC_000001.10
cg10196459	4.38E-12	2.46E-13	-7.86	19.3932473	-9.84E-02	1133631	1133754	NC_000017.10
ch.14.1824732F	4.38E-12	2.46E-13	-7.86	19.393069	-3.51E-02	104149315	104149438	NC_000014.8
cg18596043	4.39E-12	2.46E-13	-7.86	19.3912657	-1.49E-01	19127172	19127295	NC_000016.9

cg21304211	4.40E-12	2.47E-13	-7.86	19.3889612	-6.24E-02	112281877	112282000	NC_000001.10
cg14030586	4.41E-12	2.47E-13	-7.86	19.3872008	-1.49E-01	136658254	136658377	NC_000009.11
cg15428904	4.41E-12	2.47E-13	-7.86	19.3870054	-1.67E-01	57394097	57394220	NC_000020.10
cg15468521	4.41E-12	2.47E-13	-7.86	19.3865952	-1.26E-01	102883343	102883466	NC_000010.10
cg02356551	4.42E-12	2.48E-13	-7.86	19.3840191	-1.09E-01	53013726	53013849	NC_000008.10
cg00708486	4.42E-12	2.48E-13	-7.86	19.3836865	-1.62E-01	55355071	55355194	NC_000014.8
cg22325530	4.43E-12	2.48E-13	-7.86	19.3821286	-1.29E-01	111127346	111127469	NC_000012.11
cg06043315	4.43E-12	2.49E-13	-7.86	19.3807728	-9.11E-02	144640306	144640429	NC_000008.10
cg27665449	4.44E-12	2.49E-13	-7.86	19.3789532	-7.92E-02	71204401	71204524	NC_000002.11
cg24900923	4.45E-12	2.50E-13	-7.86	19.3767091	-5.23E-02	30434072	30434195	NC_000006.11
cg17384457	4.46E-12	2.50E-13	-7.86	19.3757797	-1.44E-01	45034961	45035084	NC_000019.9
cg15829116	4.46E-12	2.50E-13	-7.86	19.3749981	-1.27E-01	30901876	30901999	NC_000022.10
cg17378509	4.48E-12	2.51E-13	-7.86	19.3698887	-1.86E-01	4557712	4557835	NC_000004.11
cg20146967	4.48E-12	2.52E-13	-7.86	19.368922	-1.57E-01	35822357	35822480	NC_000022.10
cg09967647	4.50E-12	2.52E-13	-7.86	19.3664252	-1.17E-01	208632434	208632557	NC_000002.11
cg00085790	4.52E-12	2.54E-13	-7.86	19.3603848	-1.69E-01	211722100	211722223	NC_000001.10
cg16658460	4.53E-12	2.54E-13	-7.86	19.359638	-1.85E-01	166711687	166711810	NC_000005.9
cg02976843	4.53E-12	2.54E-13	-7.86	19.3595944	-1.33E-01	2843257	2843380	NC_000017.10
cg12464638	4.53E-12	2.54E-13	-7.86	19.3595051	-1.33E-01	844400	844523	NC_000011.9
cg01219549	4.53E-12	2.54E-13	-7.86	19.357783	-1.55E-01	140683649	140683772	NC_000009.11
cg03418659	4.55E-12	2.55E-13	-7.86	19.3546059	-6.88E-02	31128414	31128537	NC_000016.9
cg19864539	4.56E-12	2.56E-13	-7.86	19.3512584	-1.80E-01	25747688	25747811	NC_000022.10
cg05144345	4.56E-12	2.56E-13	-7.86	19.3511246	-9.16E-02	1686368	1686491	NC_000004.11
cg10755085	4.56E-12	2.56E-13	-7.86	19.3508873	-8.12E-02	72732722	72732845	NC_000017.10
cg20894936	4.57E-12	2.56E-13	-7.86	19.350267	-9.97E-02	1630266	1630389	NC_000011.9

ch.11.17063585R	4.57E-12	2.57E-13	-7.86	19.3500284	-5.28E-02	17107009	17107132	NC_000011.9
cg04111344	4.57E-12	2.57E-13	-7.86	19.3484153	-1.67E-01	131095784	131095907	NC_000002.11
cg07944862	4.58E-12	2.57E-13	-7.86	19.3464574	-1.81E-01	38501174	38501297	NC_000017.10
cg10864794	4.60E-12	2.58E-13	-7.86	19.343339	-1.34E-01	78203170	78203293	NC_000005.9
cg19107296	4.60E-12	2.58E-13	-7.86	19.3426566	-1.56E-01	80565010	80565133	NC_000005.9
cg02770724	4.60E-12	2.58E-13	-7.86	19.3425657	-1.73E-01	73132837	73132960	NC_000007.13
cg11188223	4.60E-12	2.59E-13	-7.86	19.3419667	-1.56E-01	79658903	79659026	NC_000001.10
cg08283682	4.60E-12	2.59E-13	-7.86	19.3416453	-3.94E-02	26056902	26057025	NC_000006.11
cg20707323	4.61E-12	2.59E-13	-7.86	19.3410964	-1.09E-01	178006917	178007040	NC_000001.10
cg23957144	4.61E-12	2.59E-13	-7.86	19.339702	-5.46E-02	145635364	145635487	NC_000008.10
cg02085953	4.62E-12	2.60E-13	-7.86	19.3373583	-1.02E-01	97202260	97202383	NC_000002.11
ch.3.32825806F	4.62E-12	2.60E-13	-7.86	19.3368605	-6.26E-02	32850802	32850925	NC_000003.11
cg05924882	4.64E-12	2.61E-13	-7.85	19.3336509	-1.58E-01	40883034	40883157	NC_000015.9
cg11331344	4.64E-12	2.61E-13	-7.85	19.3330982	-6.31E-02	73629463	73629586	NC_000017.10
cg19933320	4.64E-12	2.61E-13	-7.85	19.3328398	-8.03E-02	64125401	64125524	NC_000007.13
cg03312572	4.65E-12	2.62E-13	-7.85	19.3304411	-5.23E-02	17979929	17980052	NC_000007.13
cg12413156	4.66E-12	2.62E-13	-7.85	19.3295233	-1.95E-01	62368256	62368379	NC_000020.10
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cg21083556	4.67E-12	2.62E-13	-7.85	19.3273105	-1.45E-01	105193326	105193449	NC_000014.8
cg26700215	4.68E-12	2.63E-13	-7.85	19.3245092	-1.70E-01	67070006	67070129	NC_000008.10
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cg12150817	4.69E-12	2.64E-13	-7.85	19.3207644	-6.71E-02	24768737	24768860	NC_000014.8

cg13010373	4.70E-12	2.65E-13	-7.85	19.3187146	-1.50E-01	86113013	86113136	NC_000006.11
cg11953749	4.70E-12	2.65E-13	-7.85	19.3184569	-1.59E-01	119590608	119590731	NC_000010.10
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cg21840121	4.71E-12	2.65E-13	-7.85	19.3181306	-6.20E-02	70721531	70721654	NC_000014.8
cg04743609	4.71E-12	2.65E-13	-7.85	19.3181159	-1.01E-01	149052364	149052487	NC_000003.11
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cg10275766	4.79E-12	2.70E-13	-7.85	19.2990957	-1.57E-01	173591150	173591273	NC_000002.11

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cg10680376	4.90E-12	2.77E-13	-7.84	19.2734305	-6.19E-02	116391843	116391966	NC_000010.10



cg19306948	4.90E-12	2.77E-13	-7.84	19.2733196	-1.14E-01	17308206	17308329	NC_000001.10
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cg16289618	5.06E-12	2.87E-13	-7.84	19.2400825	-1.23E-01	29705939	29706062	NC_000006.11
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cg14270346	5.12E-12	2.90E-13	-7.84	19.2285159	-1.69E-01	38026076	38026199	NC_000009.11
cg04890607	5.13E-12	2.91E-13	-7.84	19.2252428	-1.91E-01	66262214	66262337	NC_000012.11
cg24371383	5.13E-12	2.91E-13	-7.84	19.2252268	-6.45E-02	95256104	95256227	NC_000010.10
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cg22146312	5.18E-12	2.94E-13	-7.84	19.2162392	-5.02E-02	47852819	47852942	NC_000019.9
cg04180114	5.21E-12	2.96E-13	-7.83	19.2098605	-1.44E-01	144543568	144543691	NC_000008.10
cg14553853	5.21E-12	2.96E-13	-7.83	19.2090627	-6.26E-02	85888001	85888124	NC_000004.11
cg15318861	5.22E-12	2.96E-13	-7.83	19.2087631	-5.23E-02	36044328	36044451	NC_000022.10
cg24820936	5.23E-12	2.97E-13	-7.83	19.2058932	-2.29E-01	101270745	101270868	NC_000008.10
cg14899357	5.23E-12	2.97E-13	-7.83	19.2056842	-3.78E-02	85153373	85153496	NC_000002.11
cg27507284	5.24E-12	2.97E-13	-7.83	19.2042675	-1.79E-01	178116991	178117114	NC_000002.11
cg14387312	5.24E-12	2.98E-13	-7.83	19.2035039	-1.72E-01	53704546	53704669	NC_000004.11
cg14777903	5.24E-12	2.98E-13	-7.83	19.2034913	-1.05E-01	192958565	192958688	NC_000003.11
ch.6.137329F	5.24E-12	2.98E-13	-7.83	19.2028009	-6.00E-02	4939770	4939893	NC_000006.11

cg06828143	5.25E-12	2.98E-13	-7.83	19.202269	-1.80E-01	10490335	10490458	NC_000005.9
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cg25025992	5.30E-12	3.01E-13	-7.83	19.1921442	-1.64E-01	78557584	78557707	NC_000015.9
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cg14222479	5.41E-12	3.08E-13	-7.83	19.1695425	-8.39E-02	169487675	169487798	NC_000003.11
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cg19326023	5.47E-12	3.11E-13	-7.83	19.1588319	-5.35E-02	78424152	78424275	NC_000015.9
cg12876009	5.47E-12	3.12E-13	-7.83	19.1583948	-7.23E-02	37915443	37915566	NC_000022.10
cg24541279	5.48E-12	3.12E-13	-7.83	19.1569774	-7.55E-02	71993373	71993496	NC_000010.10

cg21491308	5.48E-12	3.12E-13	-7.83	19.1563145	-8.51E-02	43892826	43892949	NC_000019.9
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cg05934196	5.49E-12	3.12E-13	-7.83	19.1556336	-6.98E-02	22925766	22925889	NC_000008.10
cg15778335	5.50E-12	3.13E-13	-7.82	19.1532003	-4.22E-02	43011005	43011128	NC_000022.10
cg06723301	5.51E-12	3.14E-13	-7.82	19.1515161	-5.75E-02	21213449	21213572	NC_000022.10
cg18085636	5.52E-12	3.14E-13	-7.82	19.1497554	-1.04E-01	89993734	89993857	NC_000010.10
cg27311092	5.52E-12	3.14E-13	-7.82	19.1496105	-1.41E-01	19142612	19142735	NC_000016.9
cg09904140	5.52E-12	3.15E-13	-7.82	19.148634	-1.05E-01	84328208	84328331	NC_000016.9
cg23882019	5.53E-12	3.15E-13	-7.82	19.1473152	-1.06E-01	23082951	23083074	NC_000008.10
cg15918732	5.54E-12	3.16E-13	-7.82	19.1453857	-1.56E-01	57364939	57365062	NC_000011.9
cg26796190	5.54E-12	3.16E-13	-7.82	19.145272	-6.67E-02	42083195	42083318	NC_000017.10
ch.10.16904721F	5.54E-12	3.16E-13	-7.82	19.1451218	-3.52E-02	16864715	16864838	NC_000010.10
cg06161099	5.54E-12	3.16E-13	-7.82	19.1447643	-1.73E-01	7973701	7973824	NC_000004.11
cg08767044	5.55E-12	3.16E-13	-7.82	19.1435245	-2.23E-01	11678785	11678908	NC_000016.9
cg19150029	5.55E-12	3.16E-13	-7.82	19.1429157	-9.79E-02	74020819	74020942	NC_000007.13
cg03947749	5.55E-12	3.17E-13	-7.82	19.1426123	-1.40E-01	62330072	62330195	NC_000020.10
cg09364122	5.56E-12	3.17E-13	-7.82	19.1418572	-1.77E-01	942198	942321	NC_000001.10
cg20916237	5.57E-12	3.18E-13	-7.82	19.1396552	-6.62E-02	105487215	105487338	NC_000014.8
cg25181170	5.57E-12	3.18E-13	-7.82	19.1390315	-2.55E-01	25162298	25162421	NC_000010.10
cg09869811	5.58E-12	3.18E-13	-7.82	19.1379357	-1.95E-01	67897346	67897469	NC_000016.9
cg20446334	5.60E-12	3.19E-13	-7.82	19.1345907	-2.61E-01	79010458	79010581	NC_000017.10
cg22423363	5.60E-12	3.19E-13	-7.82	19.1343864	-2.18E-01	65042722	65042845	NC_000015.9
cg10716494	5.60E-12	3.19E-13	-7.82	19.1343839	-6.34E-02	96076302	96076425	NC_000011.9
cg17371350	5.61E-12	3.20E-13	-7.82	19.1318472	-6.92E-02	655677	655800	NC_000017.10
cg15947176	5.61E-12	3.20E-13	-7.82	19.1316965	-1.62E-01	67429795	67429918	NC_000008.10

cg15685424	5.62E-12	3.21E-13	-7.82	19.1299214	-5.97E-02	993417	993540	NC_000007.13
cg26912131	5.63E-12	3.21E-13	-7.82	19.1286286	-1.36E-01	129978694	129978817	NC_000007.13
cg06331185	5.63E-12	3.21E-13	-7.82	19.1278412	-1.80E-02	23689892	23690015	NC_000016.9
cg14715961	5.63E-12	3.21E-13	-7.82	19.127381	-5.76E-02	27545909	27546032	NC_000002.11
cg14410072	5.64E-12	3.22E-13	-7.82	19.1263717	-5.57E-02	139838381	139838504	NC_000009.11
cg07759833	5.65E-12	3.22E-13	-7.82	19.1244867	-1.52E-01	44619208	44619331	NC_000013.10
cg08353172	5.65E-12	3.23E-13	-7.82	19.1237606	-6.99E-02	12074907	12075030	NC_000019.9
cg08968034	5.66E-12	3.23E-13	-7.82	19.1229007	-1.32E-01	3022836	3022959	NC_000004.11
cg27615603	5.66E-12	3.23E-13	-7.82	19.1228356	-1.43E-01	31213045	31213168	NC_000016.9
ch.2.1382002F	5.66E-12	3.23E-13	-7.82	19.1222996	-7.49E-02	60745480	60745603	NC_000002.11
cg25364619	5.66E-12	3.23E-13	-7.82	19.1222652	-1.40E-01	783451	783574	NC_000017.10
cg27037969	5.67E-12	3.24E-13	-7.82	19.1205085	-5.52E-02	125549952	125550075	NC_000012.11
cg10421194	5.68E-12	3.24E-13	-7.82	19.1188218	-1.55E-01	43133914	43134037	NC_000002.11
cg08457158	5.68E-12	3.25E-13	-7.82	19.1181213	-1.56E-01	41367714	41367837	NC_000001.10
cg00306721	5.69E-12	3.25E-13	-7.82	19.1170878	-1.92E-01	62477480	62477603	NC_000011.9
cg22877504	5.71E-12	3.26E-13	-7.82	19.1135403	-1.36E-01	216844602	216844725	NC_000002.11
cg08862564	5.72E-12	3.27E-13	-7.82	19.1119319	-4.89E-02	208395069	208395192	NC_000002.11
cg14359680	5.72E-12	3.27E-13	-7.82	19.1111919	-1.62E-01	105532208	105532331	NC_000014.8
cg19612068	5.73E-12	3.27E-13	-7.82	19.1099802	-9.22E-02	33130024	33130147	NC_000006.11
cg14024579	5.73E-12	3.28E-13	-7.82	19.1086221	-1.65E-01	139332845	139332968	NC_000009.11
cg01622018	5.74E-12	3.28E-13	-7.82	19.1078395	-1.26E-01	34122943	34123066	NC_000017.10
cg07744430	5.74E-12	3.28E-13	-7.82	19.1076958	-9.17E-02	132345502	132345625	NC_000012.11
cg24859158	5.75E-12	3.29E-13	-7.82	19.1058847	-9.44E-02	26605913	26606036	NC_000001.10
cg15717250	5.75E-12	3.29E-13	-7.82	19.1051335	-1.73E-01	118895485	118895608	NC_000003.11
cg10927178	5.77E-12	3.30E-13	-7.82	19.1017397	-1.18E-01	56883965	56884088	NC_000020.10

cg01485645	5.78E-12	3.30E-13	-7.82	19.1007267	-6.31E-02	36862199	36862322	NC_000017.10
cg14685356	5.78E-12	3.30E-13	-7.82	19.1002177	-1.62E-01	152639548	152639671	NC_000006.11
cg09033691	5.78E-12	3.31E-13	-7.82	19.1000237	-5.23E-02	10829409	10829532	NC_000011.9
cg00549601	5.79E-12	3.31E-13	-7.82	19.0980902	-1.36E-01	52208872	52208995	NC_000012.11
cg24728479	5.79E-12	3.31E-13	-7.82	19.0977719	-5.18E-02	146228505	146228628	NC_000008.10
cg01545079	5.81E-12	3.33E-13	-7.81	19.0941472	-1.36E-01	24541377	24541500	NC_000014.8
cg13902498	5.84E-12	3.34E-13	-7.81	19.0900074	-5.31E-02	75249203	75249326	NC_000015.9
cg06216293	5.84E-12	3.34E-13	-7.81	19.0894906	-5.41E-02	156339250	156339373	NC_000001.10
cg19532942	5.85E-12	3.35E-13	-7.81	19.0876112	-1.56E-01	62109173	62109296	NC_000014.8
cg04646987	5.87E-12	3.36E-13	-7.81	19.0847878	-2.75E-01	14406732	14406855	NC_000005.9
cg00340958	5.87E-12	3.36E-13	-7.81	19.0844295	-1.43E-01	48328658	48328781	NC_000020.10
cg08455073	5.87E-12	3.36E-13	-7.81	19.084349	-1.92E-01	23286463	23286586	NC_000007.13
cg17346246	5.88E-12	3.37E-13	-7.81	19.0823682	-1.57E-01	123214864	123214987	NC_000012.11
cg03856723	5.88E-12	3.37E-13	-7.81	19.0816921	-4.89E-02	14229466	14229589	NC_000019.9
cg26523175	5.89E-12	3.37E-13	-7.81	19.081153	-1.65E-01	47656423	47656546	NC_000001.10
cg03461725	5.89E-12	3.37E-13	-7.81	19.0806295	-5.58E-02	85525160	85525283	NC_000015.9
cg10028983	5.89E-12	3.37E-13	-7.81	19.0802247	-2.05E-01	68174077	68174200	NC_000011.9
cg27002522	5.89E-12	3.37E-13	-7.81	19.079947	-1.20E-01	54426772	54426895	NC_000012.11
cg24073074	5.90E-12	3.38E-13	-7.81	19.0780627	-9.80E-02	66432759	66432882	NC_000017.10
cg23379309	5.94E-12	3.40E-13	-7.81	19.0718054	-8.01E-02	102057328	102057451	NC_000009.11
cg07702424	5.95E-12	3.41E-13	-7.81	19.0703389	-1.33E-01	12306515	12306638	NC_000011.9
cg04118741	5.95E-12	3.41E-13	-7.81	19.0688628	-1.83E-01	12551013	12551136	NC_000012.11
cg09149896	5.96E-12	3.42E-13	-7.81	19.0671885	-5.53E-02	48624438	48624561	NC_000017.10
cg22482278	5.96E-12	3.42E-13	-7.81	19.0670613	-1.82E-01	80289631	80289754	NC_000017.10
cg26408382	5.98E-12	3.43E-13	-7.81	19.0639575	-1.75E-01	156087717	156087840	NC_000001.10

cg09113530	5.99E-12	3.43E-13	-7.81	19.0626678	-1.20E-01	110873741	110873864	NC_000002.11
cg12445424	5.99E-12	3.43E-13	-7.81	19.0622477	-1.62E-01	26605141	26605264	NC_000001.10
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cg05256179	6.01E-12	3.45E-13	-7.81	19.0586815	-1.87E-01	31658176	31658299	NC_000006.11
cg11623922	6.02E-12	3.45E-13	-7.81	19.057236	-3.54E-02	27759386	27759509	NC_000006.11
cg09090582	6.03E-12	3.46E-13	-7.81	19.0562319	-1.25E-01	155324691	155324814	NC_000007.13
cg22148827	6.03E-12	3.46E-13	-7.81	19.0558576	-1.81E-01	129196929	129197052	NC_000008.10
cg12154153	6.03E-12	3.46E-13	-7.81	19.0553714	-7.26E-02	168195108	168195231	NC_000001.10
cg10546210	6.04E-12	3.46E-13	-7.81	19.0540815	-1.57E-01	21175838	21175961	NC_000014.8
cg09388058	6.04E-12	3.47E-13	-7.81	19.0530987	-5.26E-02	47494735	47494858	NC_000016.9
cg07198365	6.05E-12	3.47E-13	-7.81	19.0523972	-1.80E-01	3572665	3572788	NC_000010.10
cg06219310	6.06E-12	3.47E-13	-7.81	19.051141	-1.42E-01	802229	802352	NC_000004.11
cg06196145	6.06E-12	3.48E-13	-7.81	19.0499338	-8.57E-02	818752	818875	NC_000011.9
ch.5.2733100F	6.07E-12	3.48E-13	-7.81	19.0482758	-7.14E-02	145613708	145613831	NC_000005.9
cg22868034	6.09E-12	3.49E-13	-7.81	19.0455535	-5.33E-02	49092375	49092498	NC_000019.9
cg22534509	6.09E-12	3.49E-13	-7.81	19.0450539	-1.48E-01	123215119	123215242	NC_000012.11
cg13654195	6.09E-12	3.50E-13	-7.81	19.0448957	-4.92E-02	7390091	7390214	NC_000006.11
cg23100370	6.11E-12	3.51E-13	-7.81	19.04163	-7.25E-02	109336342	109336465	NC_000002.11
cg24536349	6.11E-12	3.51E-13	-7.81	19.0414228	-2.38E-01	143781340	143781463	NC_000008.10
cg10262052	6.12E-12	3.51E-13	-7.81	19.0403827	-2.21E-01	39770525	39770648	NC_000008.10
cg22843797	6.12E-12	3.51E-13	-7.81	19.0401082	-1.04E-01	23082961	23083084	NC_000008.10
cg00837398	6.12E-12	3.51E-13	-7.81	19.0399029	-1.27E-01	148958537	148958660	NC_000007.13
cg06594008	6.12E-12	3.52E-13	-7.81	19.0393759	-9.15E-02	41033637	41033760	NC_000022.10
cg25406518	6.13E-12	3.52E-13	-7.81	19.0389396	-1.18E-01	61102165	61102288	NC_000011.9
cg11807153	6.13E-12	3.52E-13	-7.81	19.0384172	-9.96E-02	140098496	140098619	NC_000005.9

cg03462322	6.14E-12	3.52E-13	-7.81	19.0368341	-1.92E-01	126397	126520	NC_000016.9
cg01606628	6.14E-12	3.53E-13	-7.81	19.036535	-9.08E-02	3063768	3063891	NC_000006.11
cg20365336	6.14E-12	3.53E-13	-7.8	19.0356503	-2.15E-01	16986186	16986309	NC_000006.11
cg24782497	6.15E-12	3.53E-13	-7.8	19.03518	-1.51E-01	18385409	18385532	NC_000019.9
cg09380636	6.15E-12	3.53E-13	-7.8	19.0342415	-7.39E-02	4791861	4791984	NC_000019.9
cg00743788	6.16E-12	3.54E-13	-7.8	19.0332	-9.83E-02	50701157	50701280	NC_000022.10
cg00064778	6.18E-12	3.55E-13	-7.8	19.030099	-2.11E-01	126564742	126564865	NC_000005.9
cg12519998	6.18E-12	3.55E-13	-7.8	19.0297349	-1.45E-01	384286	384409	NC_000010.10
cg00464046	6.18E-12	3.55E-13	-7.8	19.0287653	-1.11E-01	134854551	134854674	NC_000007.13
cg07763516	6.19E-12	3.56E-13	-7.8	19.0277856	-4.73E-02	71496321	71496444	NC_000016.9
cg15454698	6.22E-12	3.57E-13	-7.8	19.0234974	-2.06E-01	14473580	14473703	NC_000003.11
cg18575863	6.23E-12	3.58E-13	-7.8	19.0217947	-1.20E-01	109274464	109274587	NC_000006.11
cg20918393	6.24E-12	3.58E-13	-7.8	19.0203203	-1.53E-01	19867136	19867259	NC_000020.10
cg05303842	6.24E-12	3.58E-13	-7.8	19.02023	-7.20E-02	48673523	48673646	NC_000003.11
cg19344315	6.24E-12	3.59E-13	-7.8	19.0198285	-2.01E-01	16669649	16669772	NC_000006.11
cg08202972	6.24E-12	3.59E-13	-7.8	19.0191344	-1.50E-01	54851464	54851587	NC_000016.9
cg07421969	6.25E-12	3.59E-13	-7.8	19.0174231	-1.40E-01	30131634	30131757	NC_000006.11
cg18738857	6.25E-12	3.59E-13	-7.8	19.0172502	-8.06E-02	3606974	3607097	NC_000019.9
cg13755866	6.27E-12	3.60E-13	-7.8	19.0150748	-1.91E-01	74920620	74920743	NC_000009.11
cg20174893	6.28E-12	3.61E-13	-7.8	19.0129914	-4.59E-02	97600926	97601049	NC_000007.13
cg17757055	6.28E-12	3.61E-13	-7.8	19.0121116	-4.38E-02	75858107	75858230	NC_000004.11
cg21489622	6.29E-12	3.62E-13	-7.8	19.0112208	-5.97E-02	143247772	143247895	NC_000006.11
cg07244783	6.29E-12	3.62E-13	-7.8	19.0110342	-1.26E-01	4432211	4432334	NC_000004.11
cg10476585	6.29E-12	3.62E-13	-7.8	19.0108277	-1.59E-01	94499653	94499776	NC_000013.10
cg16545821	6.30E-12	3.62E-13	-7.8	19.0092917	-1.31E-01	204118840	204118963	NC_000001.10



ch.10.736188R	6.31E-12	3.63E-13	-7.8	19.0077614	-4.54E-02	28878992	28879115	NC_000010.10
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cg12331331	6.32E-12	3.64E-13	-7.8	19.0059968	-1.45E-01	10800098	10800221	NC_000002.11
cg08343754	6.33E-12	3.64E-13	-7.8	19.0052151	-1.91E-02	73980834	73980957	NC_000005.9
cg05968010	6.34E-12	3.65E-13	-7.8	19.0034083	-1.22E-01	210000883	210001006	NC_000001.10
cg03195164	6.34E-12	3.65E-13	-7.8	19.0030036	-1.29E-01	128998642	128998765	NC_000003.11
cg02236941	6.34E-12	3.65E-13	-7.8	19.0026338	-1.77E-01	1734990	1735113	NC_000008.10
cg09914060	6.34E-12	3.65E-13	-7.8	19.002407	-1.18E-01	27903168	27903291	NC_000017.10
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cg21886042	6.34E-12	3.65E-13	-7.8	19.002184	-1.64E-01	112076036	112076159	NC_000013.10
cg27022853	6.35E-12	3.65E-13	-7.8	19.0009622	-1.71E-01	196377815	196377938	NC_000003.11
cg25881850	6.36E-12	3.66E-13	-7.8	18.9990833	-9.83E-02	64058704	64058827	NC_000011.9
cg10531263	6.36E-12	3.66E-13	-7.8	18.9987434	-2.09E-01	8037325	8037448	NC_000004.11
cg10586546	6.36E-12	3.66E-13	-7.8	18.9985799	-9.77E-02	31634657	31634780	NC_000006.11
cg14577211	6.38E-12	3.67E-13	-7.8	18.9955912	-5.18E-02	48744457	48744580	NC_000012.11
cg04368058	6.39E-12	3.68E-13	-7.8	18.9949563	-1.30E-01	45772629	45772752	NC_000017.10
cg19861914	6.39E-12	3.68E-13	-7.8	18.9943689	-2.09E-01	76334039	76334162	NC_000013.10
cg13597554	6.39E-12	3.68E-13	-7.8	18.9938231	-1.80E-01	49732282	49732405	NC_000015.9
cg08726863	6.40E-12	3.69E-13	-7.8	18.9927984	-1.53E-01	128458401	128458524	NC_000002.11
cg25428494	6.42E-12	3.70E-13	-7.8	18.9891033	-1.41E-01	84255411	84255534	NC_000004.11
cg20554353	6.43E-12	3.70E-13	-7.8	18.9885796	-1.43E-01	72839549	72839672	NC_000007.13
cg21219903	6.43E-12	3.70E-13	-7.8	18.9881545	-1.08E-01	43920090	43920213	NC_000001.10
cg17466082	6.43E-12	3.70E-13	-7.8	18.9875235	-1.60E-01	1557859	1557982	NC_000002.11
ch.10.1683814F	6.45E-12	3.72E-13	-7.8	18.9840463	-1.78E-02	79737911	79738034	NC_000010.10
cg09361094	6.46E-12	3.72E-13	-7.8	18.9838778	-1.60E-01	834503	834626	NC_000010.10

cg19558860	6.46E-12	3.72E-13	-7.8	18.9833153	-5.81E-02	93582779	93582902	NC_000014.8
cg01949002	6.46E-12	3.72E-13	-7.8	18.9833049	-1.34E-01	2203589	2203712	NC_000001.10
cg23543539	6.47E-12	3.73E-13	-7.8	18.9814397	-5.68E-02	125461746	125461869	NC_000011.9
cg10336193	6.47E-12	3.73E-13	-7.8	18.9810285	-1.51E-01	206848389	206848512	NC_000001.10
cg01972394	6.47E-12	3.73E-13	-7.8	18.9809112	-6.96E-02	19229528	19229651	NC_000001.10
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cg23416197	6.50E-12	3.75E-13	-7.79	18.976357	-1.08E-01	187458630	187458753	NC_000003.11
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cg11150074	6.52E-12	3.76E-13	-7.79	18.9741252	-1.74E-01	200863559	200863682	NC_000001.10
cg10466987	6.53E-12	3.76E-13	-7.79	18.9723816	-6.27E-02	76921528	76921651	NC_000017.10
cg14281591	6.53E-12	3.76E-13	-7.79	18.9723157	-1.90E-01	73636077	73636200	NC_000013.10
cg23272369	6.55E-12	3.78E-13	-7.79	18.9688786	-1.70E-01	11002071	11002194	NC_000012.11
cg22365119	6.57E-12	3.79E-13	-7.79	18.9660739	-1.21E-01	76017858	76017981	NC_000012.11
cg25296710	6.57E-12	3.79E-13	-7.79	18.965615	-5.07E-02	49268336	49268459	NC_000015.9
cg15106294	6.57E-12	3.79E-13	-7.79	18.9652563	-1.36E-01	36626044	36626167	NC_000006.11
cg05021636	6.58E-12	3.79E-13	-7.79	18.9643179	-1.13E-01	77023266	77023389	NC_000017.10
cg25311764	6.59E-12	3.80E-13	-7.79	18.9615745	-1.51E-01	59907427	59907550	NC_000015.9
cg17179923	6.62E-12	3.82E-13	-7.79	18.9578747	-1.71E-01	28956088	28956211	NC_000010.10
cg14135809	6.63E-12	3.83E-13	-7.79	18.9554899	-1.61E-01	140502926	140503049	NC_000009.11
cg25562306	6.64E-12	3.83E-13	-7.79	18.9541779	-5.48E-02	189157510	189157633	NC_000002.11
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cg19734536	6.67E-12	3.85E-13	-7.79	18.9492427	-1.64E-01	160607887	160608010	NC_000001.10
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ch.19.848927R	6.73E-12	3.89E-13	-7.79	18.9397249	-6.74E-02	20215680	20215803	NC_000019.9
cg18623836	6.74E-12	3.89E-13	-7.79	18.9388716	-1.63E-01	10261907	10262030	NC_000002.11
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cg17035997	6.76E-12	3.91E-13	-7.79	18.9354161	-1.51E-01	40705708	40705831	NC_000017.10
cg08024127	6.76E-12	3.91E-13	-7.79	18.9352127	-5.60E-02	55611607	55611730	NC_000015.9
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cg23645885	6.82E-12	3.95E-13	-7.79	18.9251521	-1.14E-01	3247958	3248081	NC_000006.11
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ch.2.1424431R	6.86E-12	3.97E-13	-7.79	18.9186808	-6.20E-02	62229026	62229149	NC_000002.11
cg16512882	6.87E-12	3.97E-13	-7.79	18.9184244	-8.43E-02	45496087	45496210	NC_000010.10
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cg08477744	6.92E-12	4.00E-13	-7.78	18.9107834	-1.36E-01	17308032	17308155	NC_000001.10
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cg10800620	6.95E-12	4.03E-13	-7.78	18.9055047	-2.14E-01	196398826	196398949	NC_000002.11
cg01457986	6.96E-12	4.03E-13	-7.78	18.9044124	-5.17E-02	97889574	97889697	NC_000010.10
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cg23398173	6.97E-12	4.04E-13	-7.78	18.9026442	-8.25E-02	135662345	135662468	NC_000007.13
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cg15986590	7.02E-12	4.07E-13	-7.78	18.8948497	-3.37E-02	1862404	1862527	NC_000019.9
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cg27543403	7.09E-12	4.11E-13	-7.78	18.8852062	-1.20E-01	58335880	58336003	NC_000005.9
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cg22982014	7.10E-12	4.12E-13	-7.78	18.8836302	-6.35E-02	39322497	39322620	NC_000019.9
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cg00697703	7.13E-12	4.14E-13	-7.78	18.8787873	-7.36E-02	25018855	25018978	NC_000007.13
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cg07991100	7.16E-12	4.16E-13	-7.78	18.8733573	-1.42E-01	36283184	36283307	NC_000004.11
cg02851944	7.18E-12	4.17E-13	-7.78	18.87163	-7.86E-02	53468125	53468248	NC_000016.9
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cg22211507	7.20E-12	4.18E-13	-7.78	18.8684425	-1.50E-01	108564871	108564994	NC_000003.11
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cg19829001	7.23E-12	4.20E-13	-7.78	18.8628595	-2.01E-01	74640078	74640201	NC_000017.10
cg20724032	7.24E-12	4.21E-13	-7.78	18.8618921	-1.44E-01	41460736	41460859	NC_000003.11
cg09351881	7.24E-12	4.21E-13	-7.78	18.8617872	-2.12E-01	188190184	188190307	NC_000004.11

cg19363607	7.25E-12	4.21E-13	-7.78	18.861105	-1.49E-01	98097019	98097142	NC_000007.13
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ch.1.1254747R	7.27E-12	4.23E-13	-7.77	18.8572145	-4.49E-02	39934760	39934883	NC_000001.10
cg22517356	7.28E-12	4.23E-13	-7.77	18.8559855	-1.20E-01	1361216	1361339	NC_000001.10
cg11566172	7.28E-12	4.23E-13	-7.77	18.8558638	-8.33E-02	159751352	159751475	NC_000001.10
cg12068816	7.29E-12	4.24E-13	-7.77	18.8544974	-7.53E-02	40390595	40390718	NC_000022.10
cg10109635	7.30E-12	4.24E-13	-7.77	18.8536875	-1.19E-01	20203992	20204115	NC_000017.10
ch.15.23774000R	7.30E-12	4.24E-13	-7.77	18.8535641	-4.72E-02	26222907	26223030	NC_000015.9
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cg05262777	7.33E-12	4.26E-13	-7.77	18.8489227	-1.32E-01	129119447	129119570	NC_000011.9
cg11716608	7.33E-12	4.26E-13	-7.77	18.8488706	-3.31E-02	65447332	65447455	NC_000007.13
cg04355801	7.35E-12	4.28E-13	-7.77	18.8458522	-1.56E-01	1911974	1912097	NC_000019.9
cg19417168	7.35E-12	4.28E-13	-7.77	18.8458489	-1.38E-01	4531961	4532084	NC_000019.9
cg03646329	7.37E-12	4.29E-13	-7.77	18.8439124	-1.77E-01	48987165	48987288	NC_000013.10
cg13021857	7.37E-12	4.29E-13	-7.77	18.8433381	-1.93E-01	131740091	131740214	NC_000008.10
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cg20550520	7.42E-12	4.32E-13	-7.77	18.8359741	-6.22E-02	32545277	32545400	NC_000014.8
cg27504582	7.43E-12	4.33E-13	-7.77	18.8347538	-1.21E-01	1609490	1609613	NC_000012.11
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cg16480368	7.43E-12	4.33E-13	-7.77	18.8341982	-7.01E-02	105892745	105892868	NC_000011.9
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cg08510077	7.45E-12	4.34E-13	-7.77	18.8316715	-5.55E-02	113666901	113667024	NC_000003.11
cg12226635	7.46E-12	4.35E-13	-7.77	18.8303942	-8.84E-02	20561913	20562036	NC_000015.9
cg20697075	7.47E-12	4.35E-13	-7.77	18.8292682	-5.51E-02	23578377	23578500	NC_000019.9
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cg25603927	7.47E-12	4.35E-13	-7.77	18.8285389	-1.50E-01	99185264	99185387	NC_000010.10
cg19176998	7.48E-12	4.36E-13	-7.77	18.8276477	-4.81E-02	141206759	141206882	NC_000003.11
cg17033166	7.48E-12	4.36E-13	-7.77	18.8271304	-1.04E-01	52221959	52222082	NC_000012.11
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cg11631158	7.51E-12	4.38E-13	-7.77	18.8232813	-1.05E-01	26623620	26623743	NC_000013.10
cg10158715	7.52E-12	4.38E-13	-7.77	18.8217015	-1.41E-01	83382987	83383110	NC_000015.9
cg27095222	7.53E-12	4.39E-13	-7.77	18.8211558	-1.79E-01	88090861	88090984	NC_000011.9
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cg16179720	7.53E-12	4.39E-13	-7.77	18.8199119	-1.62E-01	201175660	201175783	NC_000002.11
cg24567537	7.56E-12	4.41E-13	-7.77	18.8165377	-1.28E-01	29520527	29520650	NC_000006.11
cg23333878	7.56E-12	4.41E-13	-7.77	18.8164179	-5.02E-02	4299768	4299891	NC_000009.11
ch.7.2086776R	7.56E-12	4.41E-13	-7.77	18.8156243	-6.04E-02	99012084	99012207	NC_000007.13
cg20137147	7.58E-12	4.42E-13	-7.77	18.8136684	-1.05E-01	5342830	5342953	NC_000017.10
cg23294158	7.58E-12	4.42E-13	-7.77	18.8135609	-7.07E-02	47548493	47548616	NC_000017.10

cg02942766	7.59E-12	4.42E-13	-7.77	18.8126642	-1.86E-01	42328937	42329060	NC_000002.11
cg06529459	7.60E-12	4.43E-13	-7.77	18.8106926	-3.68E-02	67397595	67397718	NC_000011.9
cg15331834	7.61E-12	4.44E-13	-7.77	18.8092807	-1.05E-01	45360969	45361092	NC_000010.10
cg00446123	7.63E-12	4.45E-13	-7.77	18.8062642	-2.39E-01	62367888	62368011	NC_000020.10
cg10283277	7.64E-12	4.46E-13	-7.77	18.8054645	-4.35E-02	111472630	111472753	NC_000011.9
cg23989156	7.65E-12	4.46E-13	-7.77	18.8044265	-6.99E-02	27572583	27572706	NC_000017.10
cg07081725	7.65E-12	4.46E-13	-7.77	18.8037664	-1.15E-01	70626329	70626452	NC_000004.11
cg19256314	7.70E-12	4.49E-13	-7.76	18.7972994	-1.90E-01	109227237	109227360	NC_000012.11
cg12251075	7.70E-12	4.50E-13	-7.76	18.7967874	-1.03E-01	49244717	49244840	NC_000017.10
cg17263974	7.71E-12	4.50E-13	-7.76	18.7959514	-7.60E-02	102030215	102030338	NC_000015.9
cg06373660	7.72E-12	4.51E-13	-7.76	18.7945408	-1.61E-01	81414986	81415109	NC_000013.10
cg00381684	7.73E-12	4.51E-13	-7.76	18.7932123	-1.12E-01	31913814	31913937	NC_000006.11
cg00690143	7.73E-12	4.52E-13	-7.76	18.7924528	-2.90E-02	30810858	30810981	NC_000007.13
cg13320146	7.74E-12	4.52E-13	-7.76	18.7919816	-1.48E-01	150954826	150954949	NC_000001.10
cg06055249	7.74E-12	4.52E-13	-7.76	18.7912644	-6.32E-02	153988192	153988315	NC_000005.9
ch.18.975209F	7.74E-12	4.52E-13	-7.76	18.7910462	-6.03E-02	49689826	49689949	NC_000018.9
cg14657417	7.75E-12	4.53E-13	-7.76	18.7899914	-4.63E-02	2344183	2344306	NC_000001.10
cg27529628	7.76E-12	4.53E-13	-7.76	18.7887971	-4.58E-02	100967219	100967342	NC_000012.11
cg24400517	7.78E-12	4.54E-13	-7.76	18.7866719	-6.40E-02	139876520	139876643	NC_000007.13
cg22451233	7.78E-12	4.55E-13	-7.76	18.785671	-7.31E-02	157892765	157892888	NC_000004.11
cg26019259	7.79E-12	4.55E-13	-7.76	18.7849145	-1.37E-01	7677608	7677731	NC_000017.10
ch.2.2685596F	7.80E-12	4.56E-13	-7.76	18.7838816	-2.88E-02	128768557	128768680	NC_000002.11
cg18604876	7.81E-12	4.56E-13	-7.76	18.7824863	-7.13E-02	5164258	5164381	NC_000003.11
cg21653878	7.82E-12	4.57E-13	-7.76	18.7808129	-8.49E-02	54606055	54606178	NC_000019.9
cg00737593	7.83E-12	4.58E-13	-7.76	18.7795668	-1.32E-01	43422337	43422460	NC_000001.10



cg02386725	7.86E-12	4.59E-13	-7.76	18.775911	-6.14E-02	162467755	162467878	NC_000001.10
cg18382599	7.86E-12	4.60E-13	-7.76	18.775044	-4.73E-02	43124310	43124433	NC_000001.10
cg24363020	7.86E-12	4.60E-13	-7.76	18.7750142	-1.59E-01	72706849	72706972	NC_000003.11
cg00051483	7.86E-12	4.60E-13	-7.76	18.7747552	-1.25E-01	150211811	150211934	NC_000007.13
cg17379860	7.86E-12	4.60E-13	-7.76	18.7746877	-1.30E-01	61159602	61159725	NC_000011.9
cg21561157	7.87E-12	4.60E-13	-7.76	18.774509	-9.66E-02	59065835	59065958	NC_000019.9
cg13781938	7.87E-12	4.60E-13	-7.76	18.7740471	-5.87E-02	76880863	76880986	NC_000002.11
cg01888129	7.88E-12	4.61E-13	-7.76	18.7726181	-5.73E-02	64126210	64126333	NC_000015.9
cg27620174	7.88E-12	4.61E-13	-7.76	18.7720883	-1.61E-01	102034278	102034401	NC_000007.13
cg03774957	7.89E-12	4.61E-13	-7.76	18.7716147	-1.41E-01	141227950	141228073	NC_000005.9
cg14069214	7.89E-12	4.61E-13	-7.76	18.7713611	-1.56E-01	120933194	120933317	NC_000012.11
cg14094521	7.89E-12	4.62E-13	-7.76	18.7707011	-1.68E-01	246869082	246869205	NC_000001.10
cg17972352	7.92E-12	4.63E-13	-7.76	18.7677014	-1.42E-01	45939668	45939791	NC_000010.10
cg23414001	7.92E-12	4.64E-13	-7.76	18.7666053	-1.02E-01	33681070	33681193	NC_000020.10
cg20393620	7.93E-12	4.64E-13	-7.76	18.7652524	-2.43E-01	134609828	134609951	NC_000006.11
cg07543823	7.94E-12	4.65E-13	-7.76	18.7640425	-7.08E-02	20254968	20255091	NC_000022.10
cg12894711	7.96E-12	4.66E-13	-7.76	18.7625039	-1.72E-01	43821949	43822072	NC_000007.13
cg04650271	7.98E-12	4.67E-13	-7.76	18.7589242	-8.16E-02	897024	897147	NC_000020.10
cg26510017	7.99E-12	4.68E-13	-7.76	18.758266	-7.73E-02	39299546	39299669	NC_000012.11
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cg26610624	8.01E-12	4.69E-13	-7.76	18.7560377	-6.93E-02	1981268	1981391	NC_000001.10
cg03862437	8.01E-12	4.69E-13	-7.76	18.7554601	-1.67E-01	194353432	194353555	NC_000003.11
ch.19.732135R	8.01E-12	4.69E-13	-7.76	18.7549881	-3.70E-02	17385198	17385321	NC_000019.9
cg01859228	8.04E-12	4.70E-13	-7.76	18.7520007	-1.47E-01	64208452	64208575	NC_000015.9
cg27337803	8.06E-12	4.72E-13	-7.76	18.7487052	-6.95E-02	29937932	29938055	NC_000016.9

cg22900681	8.08E-12	4.73E-13	-7.76	18.7471127	-1.47E-01	25301413	25301536	NC_000002.11
cg19934294	8.08E-12	4.73E-13	-7.76	18.7460795	-1.31E-01	2933421	2933544	NC_000004.11
cg03184472	8.09E-12	4.74E-13	-7.76	18.7448709	-1.87E-01	39174738	39174861	NC_000002.11
cg00042059	8.11E-12	4.75E-13	-7.76	18.7422313	-1.56E-01	55087588	55087711	NC_000002.11
cg16277776	8.12E-12	4.76E-13	-7.76	18.7409364	-1.22E-01	1490676	1490799	NC_000001.10
cg18161025	8.13E-12	4.76E-13	-7.76	18.7401112	-1.52E-01	177144293	177144416	NC_000001.10
cg26488978	8.15E-12	4.78E-13	-7.75	18.7370671	-1.34E-01	42247372	42247495	NC_000006.11
cg09832245	8.16E-12	4.78E-13	-7.75	18.7363099	-1.73E-01	85494611	85494734	NC_000016.9
cg25888881	8.16E-12	4.78E-13	-7.75	18.7354944	-1.50E-01	31288287	31288410	NC_000010.10
cg07165066	8.18E-12	4.80E-13	-7.75	18.7330309	-2.58E-01	23952576	23952699	NC_000013.10
cg19579446	8.20E-12	4.81E-13	-7.75	18.7310269	-6.57E-02	57335474	57335597	NC_000011.9
cg10104290	8.21E-12	4.81E-13	-7.75	18.7299854	-1.60E-01	167597441	167597564	NC_000001.10
cg27507473	8.22E-12	4.82E-13	-7.75	18.7285879	-1.03E-01	86002958	86003081	NC_000016.9
cg19513321	8.22E-12	4.82E-13	-7.75	18.72818	-1.85E-01	85811432	85811555	NC_000002.11
ch.16.1687320F	8.23E-12	4.82E-13	-7.75	18.7271925	-6.19E-02	74666840	74666963	NC_000016.9
cg03716999	8.23E-12	4.83E-13	-7.75	18.7270802	-9.17E-02	6265802	6265925	NC_000001.10
cg22504175	8.23E-12	4.83E-13	-7.75	18.7265828	-6.37E-02	143042585	143042708	NC_000007.13
cg14389122	8.24E-12	4.83E-13	-7.75	18.7262694	-1.76E-01	74945851	74945974	NC_000015.9
cg20798677	8.24E-12	4.83E-13	-7.75	18.7258941	-6.24E-02	39968547	39968670	NC_000017.10
cg01243950	8.25E-12	4.84E-13	-7.75	18.7241254	-1.44E-01	45908640	45908763	NC_000002.11
cg09682913	8.26E-12	4.84E-13	-7.75	18.7236506	-1.06E-01	30455589	30455712	NC_000002.11
cg02313130	8.28E-12	4.86E-13	-7.75	18.720807	-1.51E-01	223854447	223854570	NC_000001.10
cg03619586	8.29E-12	4.86E-13	-7.75	18.7198865	-1.33E-01	31705409	31705532	NC_000006.11
cg13755614	8.30E-12	4.87E-13	-7.75	18.7184391	-6.39E-02	131710194	131710317	NC_000009.11
cg19836471	8.30E-12	4.87E-13	-7.75	18.7175747	-1.72E-01	79638108	79638231	NC_000010.10

cg10652956	8.31E-12	4.87E-13	-7.75	18.7171987	-6.20E-02	44144380	44144503	NC_000010.10
cg20656856	8.31E-12	4.88E-13	-7.75	18.7164175	-6.59E-02	75871799	75871922	NC_000015.9
cg13550419	8.32E-12	4.88E-13	-7.75	18.7157157	-1.63E-01	44898510	44898633	NC_000017.10
cg02554317	8.35E-12	4.90E-13	-7.75	18.7120081	-5.78E-02	46728312	46728435	NC_000016.9
cg22609277	8.36E-12	4.91E-13	-7.75	18.7108689	-6.57E-02	111746873	111746996	NC_000001.10
cg15871086	8.36E-12	4.91E-13	-7.75	18.7104343	-1.29E-01	56526595	56526718	NC_000018.9
cg26229607	8.36E-12	4.91E-13	-7.75	18.7100969	-5.38E-02	94703098	94703221	NC_000001.10
cg01329789	8.37E-12	4.91E-13	-7.75	18.709061	-7.70E-02	219157515	219157638	NC_000002.11
cg25260176	8.38E-12	4.92E-13	-7.75	18.7082737	-1.72E-01	57569940	57570063	NC_000012.11
cg23518541	8.40E-12	4.93E-13	-7.75	18.7052402	-1.63E-01	25472652	25472775	NC_000003.11
cg11153694	8.40E-12	4.93E-13	-7.75	18.7051254	-1.12E-01	141017797	141017920	NC_000005.9
cg04609912	8.41E-12	4.94E-13	-7.75	18.7045554	-1.29E-01	78528146	78528269	NC_000016.9
cg04399632	8.41E-12	4.94E-13	-7.75	18.703655	-1.22E-01	11837547	11837670	NC_000016.9
ch.7.1667959R	8.41E-12	4.94E-13	-7.75	18.7036429	-6.06E-02	75693231	75693354	NC_000007.13
cg05499012	8.42E-12	4.95E-13	-7.75	18.702558	-1.49E-01	94967291	94967414	NC_000005.9
cg27471901	8.42E-12	4.95E-13	-7.75	18.7022514	-7.51E-02	65097394	65097517	NC_000011.9
cg10113582	8.45E-12	4.97E-13	-7.75	18.6989305	-1.84E-01	905918	906041	NC_000004.11
cg19716816	8.46E-12	4.97E-13	-7.75	18.6979495	-6.52E-02	70056267	70056390	NC_000002.11
cg07010486	8.47E-12	4.97E-13	-7.75	18.6973835	-1.48E-01	204301350	204301473	NC_000001.10
cg02667467	8.47E-12	4.97E-13	-7.75	18.6972189	-1.02E-01	72920176	72920299	NC_000017.10
cg15770046	8.47E-12	4.98E-13	-7.75	18.6960928	-1.18E-01	35764710	35764833	NC_000019.9
cg13487918	8.48E-12	4.98E-13	-7.75	18.695863	-1.64E-01	38067350	38067473	NC_000003.11
cg19712821	8.49E-12	4.99E-13	-7.75	18.694673	-1.18E-01	15965016	15965139	NC_000004.11
cg19082496	8.50E-12	4.99E-13	-7.75	18.6934815	-2.35E-01	33899352	33899475	NC_000001.10
cg00916635	8.50E-12	4.99E-13	-7.75	18.6931786	-2.81E-01	114414312	114414435	NC_000001.10

cg02797271	8.51E-12	5.00E-13	-7.75	18.6918774	-1.87E-01	105532159	105532282	NC_000014.8
cg12583970	8.53E-12	5.01E-13	-7.75	18.6899705	-1.66E-01	27190330	27190453	NC_000001.10
cg16620032	8.53E-12	5.02E-13	-7.75	18.6889301	-7.56E-02	46097075	46097198	NC_000019.9
cg26769838	8.54E-12	5.02E-13	-7.75	18.6877599	-2.13E-01	3164844	3164967	NC_000010.10
cg22502856	8.56E-12	5.04E-13	-7.75	18.6851099	-1.85E-01	209825678	209825801	NC_000001.10
cg22800830	8.59E-12	5.05E-13	-7.75	18.6824882	-1.32E-01	134608238	134608361	NC_000010.10
cg18533282	8.60E-12	5.06E-13	-7.75	18.6807805	-7.63E-02	52917660	52917783	NC_000004.11
cg00282706	8.60E-12	5.06E-13	-7.75	18.6803823	-1.58E-01	6055430	6055553	NC_000012.11
cg03078972	8.61E-12	5.07E-13	-7.74	18.6790836	-9.43E-02	48598634	48598757	NC_000020.10
cg24475622	8.62E-12	5.07E-13	-7.74	18.6782095	-6.09E-02	1003851	1003974	NC_000001.10
cg12484072	8.62E-12	5.07E-13	-7.74	18.678203	-2.16E-02	39872463	39872586	NC_000015.9
cg13035032	8.62E-12	5.07E-13	-7.74	18.6778043	-8.06E-02	519484	519607	NC_000007.13
cg26115276	8.62E-12	5.07E-13	-7.74	18.6777868	-7.24E-02	178977181	178977304	NC_000005.9
cg14489794	8.65E-12	5.09E-13	-7.74	18.6749845	-1.37E-01	46972462	46972585	NC_000022.10
cg21214232	8.68E-12	5.11E-13	-7.74	18.6712661	-8.31E-02	25426273	25426396	NC_000015.9
cg00021237	8.69E-12	5.11E-13	-7.74	18.6699753	-7.19E-02	67525849	67525972	NC_000008.10
cg22326553	8.70E-12	5.12E-13	-7.74	18.6684433	-8.96E-02	124155458	124155581	NC_000012.11
cg02117775	8.74E-12	5.14E-13	-7.74	18.6639661	-6.34E-02	5596539	5596662	NC_000007.13
cg11646259	8.74E-12	5.14E-13	-7.74	18.6639301	-1.76E-01	34026657	34026780	NC_000007.13
cg13146553	8.74E-12	5.15E-13	-7.74	18.6638627	-1.22E-01	61343563	61343686	NC_000015.9
cg13849525	8.74E-12	5.15E-13	-7.74	18.6633738	-1.24E-01	46418069	46418192	NC_000019.9
cg17670237	8.75E-12	5.15E-13	-7.74	18.6620475	-1.73E-01	79642491	79642614	NC_000004.11
cg05135541	8.76E-12	5.16E-13	-7.74	18.6609284	-7.05E-02	150039387	150039510	NC_000001.10
cg23010344	8.76E-12	5.16E-13	-7.74	18.6608478	-6.75E-02	228871301	228871424	NC_000001.10
cg26069066	8.77E-12	5.17E-13	-7.74	18.6598105	-7.01E-02	44044698	44044821	NC_000020.10

cg20805133	8.79E-12	5.17E-13	-7.74	18.6583341	-1.95E-01	242802192	242802315	NC_000002.11
cg27551895	8.79E-12	5.17E-13	-7.74	18.6583341	-5.13E-02	118935341	118935464	NC_000010.10
cg00867901	8.79E-12	5.18E-13	-7.74	18.6578753	-9.20E-02	99787006	99787129	NC_000014.8
cg19910648	8.79E-12	5.18E-13	-7.74	18.6576993	-8.27E-02	149736763	149736886	NC_000005.9
ch.12.2890353F	8.82E-12	5.19E-13	-7.74	18.6544956	-3.28E-02	132599781	132599904	NC_000012.11
cg03630386	8.82E-12	5.20E-13	-7.74	18.6539001	-1.36E-01	1041088	1041211	NC_000016.9
cg27617775	8.83E-12	5.20E-13	-7.74	18.6532078	-1.13E-01	1989850	1989973	NC_000011.9
cg16567216	8.83E-12	5.20E-13	-7.74	18.6529801	-1.54E-01	59385695	59385818	NC_000017.10
cg10590964	8.84E-12	5.21E-13	-7.74	18.6517309	-1.12E-01	202929157	202929280	NC_000002.11
cg06768944	8.85E-12	5.22E-13	-7.74	18.6504142	-1.70E-01	142216276	142216399	NC_000008.10
cg13551141	8.88E-12	5.23E-13	-7.74	18.6468031	-1.61E-01	127155187	127155310	NC_000009.11
cg09787580	8.88E-12	5.24E-13	-7.74	18.6466622	-1.05E-01	140227335	140227458	NC_000007.13
cg13924580	8.91E-12	5.25E-13	-7.74	18.6434592	-8.63E-02	99306716	99306839	NC_000008.10
cg26340149	8.92E-12	5.25E-13	-7.74	18.6430981	-1.31E-01	69988497	69988620	NC_000011.9
cg16442450	8.92E-12	5.26E-13	-7.74	18.6429351	-7.00E-02	69111511	69111634	NC_000015.9
cg03743861	8.92E-12	5.26E-13	-7.74	18.6427062	-9.30E-02	48263173	48263296	NC_000017.10
cg00063111	8.93E-12	5.27E-13	-7.74	18.6410437	-7.62E-02	39448952	39449075	NC_000003.11
cg01875467	8.93E-12	5.27E-13	-7.74	18.6408841	-1.08E-01	149493008	149493131	NC_000005.9
cg03752935	8.94E-12	5.27E-13	-7.74	18.6401507	-1.48E-01	128592524	128592647	NC_000010.10
ch.3.1042801R	8.95E-12	5.28E-13	-7.74	18.6392377	-3.30E-02	49084142	49084265	NC_000003.11
cg22502502	8.95E-12	5.28E-13	-7.74	18.6387121	-1.73E-01	25962567	25962690	NC_000006.11
cg02202169	8.96E-12	5.29E-13	-7.74	18.6373145	-1.14E-01	41241867	41241990	NC_000013.10
cg10283371	8.97E-12	5.29E-13	-7.74	18.6368062	-9.18E-02	2494595	2494718	NC_000019.9
cg26925980	8.98E-12	5.29E-13	-7.74	18.6357168	-1.34E-01	19002068	19002191	NC_000010.10
cg21195277	8.99E-12	5.30E-13	-7.74	18.6340261	-1.24E-01	32339208	32339331	NC_000006.11

cg23030200	8.99E-12	5.31E-13	-7.74	18.6335706	-1.35E-01	64575346	64575469	NC_000012.11
cg01343363	9.00E-12	5.31E-13	-7.74	18.6326233	-1.99E-01	58533808	58533931	NC_000016.9
cg11118413	9.01E-12	5.31E-13	-7.74	18.632212	-1.53E-01	128292699	128292822	NC_000003.11
cg10066186	9.01E-12	5.32E-13	-7.74	18.6316242	-2.01E-01	23083160	23083283	NC_000014.8
cg26772116	9.03E-12	5.33E-13	-7.74	18.6292452	-1.69E-01	28016624	28016747	NC_000013.10
ch.1.4292830F	9.05E-12	5.34E-13	-7.74	18.626884	-5.07E-02	220514352	220514475	NC_000001.10
cg26470696	9.06E-12	5.34E-13	-7.74	18.6264812	-1.61E-01	19383613	19383736	NC_000019.9
cg22387253	9.06E-12	5.35E-13	-7.74	18.6255969	-1.32E-01	61310104	61310227	NC_000015.9
cg22115196	9.07E-12	5.35E-13	-7.74	18.6248908	-1.40E-01	54829461	54829584	NC_000004.11
cg16635948	9.08E-12	5.36E-13	-7.74	18.623891	-2.03E-01	109834011	109834134	NC_000002.11
cg12616177	9.10E-12	5.37E-13	-7.74	18.6218714	-1.68E-01	100434510	100434633	NC_000007.13
cg21690777	9.13E-12	5.39E-13	-7.73	18.6185286	-9.60E-02	6583834	6583957	NC_000001.10
cg07699845	9.15E-12	5.40E-13	-7.73	18.6162805	-1.43E-01	38068205	38068328	NC_000008.10
cg07114810	9.16E-12	5.41E-13	-7.73	18.6148336	-9.04E-02	7070679	7070802	NC_000012.11
cg26878995	9.19E-12	5.42E-13	-7.73	18.6117327	-4.19E-02	168106731	168106854	NC_000001.10
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ch.11.152092R	9.19E-12	5.43E-13	-7.73	18.6114938	-3.42E-02	3780240	3780363	NC_000011.9
cg25021530	9.20E-12	5.43E-13	-7.73	18.609922	-1.29E-01	44333003	44333126	NC_000005.9
cg23807924	9.20E-12	5.44E-13	-7.73	18.6095799	-1.35E-01	246860361	246860484	NC_000001.10
cg16336556	9.21E-12	5.44E-13	-7.73	18.6087463	-1.83E-01	33295138	33295261	NC_000002.11
cg15406343	9.23E-12	5.45E-13	-7.73	18.6068698	-1.69E-01	8311700	8311823	NC_000017.10
cg26685501	9.23E-12	5.45E-13	-7.73	18.6068062	-6.60E-02	38019921	38020044	NC_000001.10
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cg14965639	9.23E-12	5.46E-13	-7.73	18.6059026	-1.97E-01	48795994	48796117	NC_000002.11

cg05385282	9.23E-12	5.46E-13	-7.73	18.6056719	-1.45E-01	201562364	201562487	NC_000001.10
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cg03674157	9.25E-12	5.47E-13	-7.73	18.6040031	-1.74E-02	161090019	161090142	NC_000003.11
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cg08241785	9.37E-12	5.54E-13	-7.73	18.5900841	-1.28E-01	75919281	75919404	NC_000005.9
cg07409680	9.39E-12	5.55E-13	-7.73	18.5886749	-7.92E-02	32260442	32260565	NC_000012.11
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cg22746584	9.45E-12	5.60E-13	-7.73	18.5808779	-1.92E-01	136676672	136676795	NC_000003.11

cg19601636	9.46E-12	5.60E-13	-7.73	18.5796479	-1.56E-01	20001066	20001189	NC_000022.10
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cg17413194	9.53E-12	5.64E-13	-7.73	18.5726238	-1.60E-01	63053996	63054119	NC_000017.10
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ch.22.43177094F	9.62E-12	5.71E-13	-7.73	18.561831	-3.34E-02	44798430	44798553	NC_000022.10
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cg20294328	9.71E-12	5.76E-13	-7.72	18.5521131	-1.47E-01	46584618	46584741	NC_000007.13
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cg16887070	9.72E-12	5.77E-13	-7.72	18.5510272	-1.68E-01	3324467	3324590	NC_000006.11
cg22935207	9.73E-12	5.78E-13	-7.72	18.5500013	-3.24E-02	90701850	90701973	NC_000014.8
cg25247183	9.75E-12	5.78E-13	-7.72	18.5483479	-5.50E-02	38073049	38073172	NC_000022.10
cg20587874	9.77E-12	5.80E-13	-7.72	18.5452509	-1.74E-01	179269232	179269355	NC_000002.11
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cg12679230	9.81E-12	5.82E-13	-7.72	18.5418163	-1.22E-01	155463133	155463256	NC_000003.11
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cg21173440	9.82E-12	5.83E-13	-7.72	18.5402098	-5.64E-02	55008212	55008335	NC_000005.9
cg08568298	9.82E-12	5.84E-13	-7.72	18.5398127	-1.45E-01	43922240	43922363	NC_000017.10
cg10967176	9.83E-12	5.84E-13	-7.72	18.5396285	-1.11E-01	32013699	32013822	NC_000006.11
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cg19088635	9.91E-12	5.89E-13	-7.72	18.5301748	-2.18E-01	114065008	114065131	NC_000013.10
ch.1.1026209F	9.91E-12	5.89E-13	-7.72	18.5300326	-7.08E-02	31638974	31639097	NC_000001.10
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cg19372602	9.93E-12	5.90E-13	-7.72	18.5288013	-1.54E-01	156116207	156116330	NC_000001.10
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cg09657114	9.94E-12	5.91E-13	-7.72	18.5272038	-2.06E-01	62853598	62853721	NC_000015.9
cg19954146	9.95E-12	5.91E-13	-7.72	18.5267237	-4.04E-02	1312822	1312945	NC_000006.11
cg10080732	9.96E-12	5.92E-13	-7.72	18.5248967	-2.22E-01	1626575	1626698	NC_000017.10

cg15992932	9.97E-12	5.93E-13	-7.72	18.5242016	-1.51E-01	30899405	30899528	NC_000006.11
cg05998577	9.98E-12	5.93E-13	-7.72	18.5234445	-1.48E-01	176781490	176781613	NC_000005.9
cg24109975	9.98E-12	5.93E-13	-7.72	18.5232972	-6.29E-02	59055787	59055910	NC_000019.9
cg23144123	1.00E-11	5.95E-13	-7.72	18.5202209	-4.88E-02	147828073	147828196	NC_000006.11
cg23239612	1.00E-11	5.95E-13	-7.72	18.5201954	-1.77E-02	137549391	137549514	NC_000005.9
cg06761850	1.00E-11	5.96E-13	-7.72	18.5189202	-8.90E-02	102904469	102904592	NC_000014.8
cg04722977	1.00E-11	5.96E-13	-7.72	18.5181293	-3.50E-02	42724320	42724443	NC_000019.9
cg21932983	1.00E-11	5.97E-13	-7.72	18.5167462	-6.63E-02	6321378	6321501	NC_000001.10
cg07382923	1.01E-11	5.99E-13	-7.72	18.514039	-2.33E-01	48573444	48573567	NC_000010.10
cg07497511	1.01E-11	6.01E-13	-7.72	18.5111352	-8.43E-02	59457396	59457519	NC_000017.10
ch.2.1903814R	1.01E-11	6.02E-13	-7.72	18.5091049	-5.12E-02	86274157	86274280	NC_000002.11
cg09010372	1.02E-11	6.05E-13	-7.72	18.504989	-1.58E-01	1323433	1323556	NC_000004.11
cg02792821	1.02E-11	6.05E-13	-7.72	18.5047981	-8.17E-02	44451783	44451906	NC_000020.10
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cg05112617	1.02E-11	6.09E-13	-7.71	18.4977098	-6.62E-02	93698932	93699055	NC_000003.11
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cg21110052	1.03E-11	6.11E-13	-7.71	18.4946424	-5.26E-02	29234262	29234385	NC_000007.13
cg25659902	1.03E-11	6.11E-13	-7.71	18.494467	-2.47E-01	30652202	30652325	NC_000006.11
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cg03700121	1.03E-11	6.14E-13	-7.71	18.4902495	-7.10E-02	60610004	60610127	NC_000011.9
cg02131967	1.03E-11	6.14E-13	-7.71	18.4901841	-2.10E-01	61554106	61554229	NC_000017.10
cg16438210	1.03E-11	6.15E-13	-7.71	18.4886478	-9.82E-02	91885492	91885615	NC_000014.8
cg09394306	1.03E-11	6.15E-13	-7.71	18.4884975	-1.80E-01	20330742	20330865	NC_000002.11
cg09530156	1.03E-11	6.15E-13	-7.71	18.4883258	-1.60E-01	69867139	69867262	NC_000011.9
cg27314336	1.03E-11	6.16E-13	-7.71	18.4862813	-6.05E-02	104582743	104582866	NC_000014.8
cg22663389	1.04E-11	6.18E-13	-7.71	18.4834689	-1.95E-01	57929274	57929397	NC_000017.10
cg15802555	1.04E-11	6.20E-13	-7.71	18.4798996	-1.49E-01	41984994	41985117	NC_000017.10
cg09122223	1.04E-11	6.21E-13	-7.71	18.4790159	-1.72E-01	112035175	112035298	NC_000011.9
cg27229484	1.04E-11	6.23E-13	-7.71	18.4748493	-1.54E-01	37947371	37947494	NC_000001.10
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cg11646240	1.05E-11	6.24E-13	-7.71	18.4741153	-1.09E-01	232253064	232253187	NC_000002.11
cg00534919	1.05E-11	6.25E-13	-7.71	18.4714168	-1.06E-01	185139671	185139794	NC_000001.10
cg07201717	1.05E-11	6.26E-13	-7.71	18.4699123	-1.12E-01	25031947	25032070	NC_000001.10
cg07800544	1.05E-11	6.28E-13	-7.71	18.467259	-1.90E-01	35129387	35129510	NC_000005.9
cg03276982	1.05E-11	6.28E-13	-7.71	18.4668423	-1.68E-01	119024055	119024178	NC_000008.10
cg02127209	1.05E-11	6.29E-13	-7.71	18.4656816	-1.55E-01	35786961	35787084	NC_000019.9
cg01411912	1.05E-11	6.29E-13	-7.71	18.4656171	-1.59E-01	153517265	153517388	NC_000001.10
cg05242257	1.06E-11	6.30E-13	-7.71	18.4637532	-4.23E-02	2588092	2588215	NC_000016.9
ch.2.1892000F	1.06E-11	6.31E-13	-7.71	18.4629973	-4.99E-02	85858578	85858701	NC_000002.11
cg07381872	1.06E-11	6.32E-13	-7.71	18.4612237	-1.33E-01	61408076	61408199	NC_000001.10
cg07741984	1.06E-11	6.33E-13	-7.71	18.46036	-4.90E-02	111805005	111805128	NC_000003.11
cg13795689	1.06E-11	6.33E-13	-7.71	18.4599054	-1.34E-01	143508777	143508900	NC_000008.10
cg08584627	1.06E-11	6.33E-13	-7.71	18.4595192	-4.47E-02	98703355	98703478	NC_000002.11

cg19807286	1.06E-11	6.33E-13	-7.71	18.459052	-1.33E-01	174680743	174680866	NC_000005.9
cg06452915	1.06E-11	6.34E-13	-7.71	18.4581739	-8.28E-02	49521747	49521870	NC_000019.9
cg15046507	1.06E-11	6.35E-13	-7.71	18.4567612	-8.24E-02	44999202	44999325	NC_000011.9
cg04450003	1.06E-11	6.35E-13	-7.71	18.4562708	-1.60E-01	50355995	50356118	NC_000012.11
cg27209729	1.06E-11	6.35E-13	-7.71	18.4560029	-1.70E-01	64428925	64429048	NC_000011.9
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cg18951390	1.07E-11	6.38E-13	-7.71	18.4512013	-2.07E-01	78735268	78735391	NC_000017.10
cg09093409	1.07E-11	6.39E-13	-7.71	18.4501155	-1.67E-01	67113285	67113408	NC_000011.9
cg00848245	1.07E-11	6.42E-13	-7.71	18.4464438	-1.34E-01	28224134	28224257	NC_000016.9
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cg22681709	1.08E-11	6.43E-13	-7.71	18.4440856	-1.91E-01	178499509	178499632	NC_000002.11
cg04674421	1.08E-11	6.43E-13	-7.71	18.4433905	-1.31E-01	28079611	28079734	NC_000016.9
cg21294616	1.08E-11	6.44E-13	-7.71	18.4427691	-1.25E-01	143093848	143093971	NC_000007.13
ch.1.541122F	1.08E-11	6.45E-13	-7.7	18.4404551	-5.48E-02	15891913	15892036	NC_000001.10
cg26642420	1.08E-11	6.47E-13	-7.7	18.4383554	-1.35E-01	146601345	146601468	NC_000004.11
cg00092400	1.08E-11	6.47E-13	-7.7	18.437518	-2.00E-01	51788285	51788408	NC_000012.11
cg22670819	1.08E-11	6.48E-13	-7.7	18.4366874	-1.09E-01	31913759	31913882	NC_000006.11
cg06105296	1.08E-11	6.48E-13	-7.7	18.4363164	-1.69E-01	50004294	50004417	NC_000019.9
cg01259619	1.08E-11	6.48E-13	-7.7	18.4358184	-9.45E-02	226925702	226925825	NC_000001.10
cg20624980	1.08E-11	6.49E-13	-7.7	18.4352522	-3.79E-02	50432627	50432750	NC_000019.9
cg25203007	1.08E-11	6.49E-13	-7.7	18.4351729	-1.05E-01	24126017	24126140	NC_000001.10
cg05252487	1.08E-11	6.49E-13	-7.7	18.4350846	-1.39E-01	124670562	124670685	NC_000010.10

cg08409451	1.08E-11	6.49E-13	-7.7	18.4348654	-6.24E-02	2273123	2273246	NC_000016.9
cg15719255	1.09E-11	6.51E-13	-7.7	18.431779	-1.65E-01	18508620	18508743	NC_000019.9
cg07544392	1.09E-11	6.52E-13	-7.7	18.4310476	-8.98E-02	73868917	73869040	NC_000002.11
cg24638235	1.09E-11	6.54E-13	-7.7	18.4279642	-4.65E-02	21988805	21988928	NC_000008.10
cg14214856	1.09E-11	6.54E-13	-7.7	18.4275074	-1.31E-01	36965362	36965485	NC_000010.10
cg12340144	1.09E-11	6.55E-13	-7.7	18.426255	-9.46E-02	38388808	38388931	NC_000003.11
cg26090045	1.10E-11	6.56E-13	-7.7	18.4242738	-1.60E-01	68025978	68026101	NC_000017.10
cg07774251	1.10E-11	6.56E-13	-7.7	18.4241288	-1.60E-01	108408981	108409104	NC_000011.9
ch.11.452299R	1.10E-11	6.56E-13	-7.7	18.423949	-6.02E-02	18584337	18584460	NC_000011.9
cg07891533	1.10E-11	6.57E-13	-7.7	18.4236047	-1.21E-01	45209039	45209162	NC_000003.11
cg12024828	1.10E-11	6.57E-13	-7.7	18.4228331	-1.28E-01	1166528	1166651	NC_000004.11
ch.2.2570960F	1.10E-11	6.58E-13	-7.7	18.4211344	-3.41E-02	123152930	123153053	NC_000002.11
cg25750719	1.10E-11	6.58E-13	-7.7	18.4208305	-3.00E-02	26033975	26034098	NC_000006.11
cg14093526	1.10E-11	6.59E-13	-7.7	18.4198327	-6.58E-02	134094620	134094743	NC_000011.9
cg09459740	1.10E-11	6.60E-13	-7.7	18.4189224	-6.71E-02	108244548	108244671	NC_000011.9
cg24987259	1.11E-11	6.64E-13	-7.7	18.4122365	-6.94E-02	66336293	66336416	NC_000011.9
cg11039729	1.11E-11	6.65E-13	-7.7	18.4107854	-1.83E-01	35668325	35668448	NC_000010.10
cg18060846	1.11E-11	6.66E-13	-7.7	18.4089788	-3.19E-02	111683482	111683605	NC_000010.10
cg09302904	1.11E-11	6.67E-13	-7.7	18.4080048	-4.68E-02	62340561	62340684	NC_000017.10
cg06213287	1.11E-11	6.67E-13	-7.7	18.4078851	-5.82E-02	96478495	96478618	NC_000005.9
cg00079216	1.12E-11	6.69E-13	-7.7	18.4048901	-5.14E-02	6716557	6716680	NC_000012.11
cg14486634	1.12E-11	6.70E-13	-7.7	18.4039	-1.21E-01	98792175	98792298	NC_000009.11
cg14707834	1.12E-11	6.71E-13	-7.7	18.4028696	-1.89E-01	415457	415580	NC_000011.9
cg16101601	1.12E-11	6.71E-13	-7.7	18.4026501	-1.51E-01	217181663	217181786	NC_000002.11
cg11484115	1.12E-11	6.72E-13	-7.7	18.4011561	-1.40E-01	179335704	179335827	NC_000005.9

cg07408456	1.12E-11	6.72E-13	-7.7	18.401066	-1.11E-01	15590532	15590655	NC_000019.9
cg02177646	1.12E-11	6.72E-13	-7.7	18.4006312	-6.97E-02	63439120	63439243	NC_000011.9
cg04906242	1.12E-11	6.72E-13	-7.7	18.4001572	-1.05E-01	75150880	75151003	NC_000016.9
cg03861496	1.12E-11	6.73E-13	-7.7	18.399357	-7.06E-02	1248371	1248494	NC_000019.9
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cg22256354	1.13E-11	6.78E-13	-7.7	18.3920187	-1.44E-01	131554148	131554271	NC_000008.10
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ch.6.1693624F	1.13E-11	6.81E-13	-7.7	18.3882509	-1.10E-01	83767401	83767524	NC_000006.11
cg24145685	1.14E-11	6.82E-13	-7.7	18.3860748	-1.41E-01	1227852	1227975	NC_000019.9
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cg24748262	1.14E-11	6.83E-13	-7.7	18.3853296	-8.98E-02	128044502	128044625	NC_000012.11
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ch.3.3261545R	1.15E-11	6.88E-13	-7.69	18.3780876	-2.53E-02	167742416	167742539	NC_000003.11
cg00933411	1.15E-11	6.88E-13	-7.69	18.3777346	-1.40E-01	13373090	13373213	NC_000008.10
cg16148593	1.15E-11	6.88E-13	-7.69	18.3774672	-7.46E-02	22085417	22085540	NC_000008.10
cg21919719	1.15E-11	6.89E-13	-7.69	18.3761721	-8.01E-02	1446802	1446925	NC_000011.9
cg21679509	1.15E-11	6.92E-13	-7.69	18.3719187	-5.77E-02	28219613	28219736	NC_000007.13
cg00439981	1.15E-11	6.92E-13	-7.69	18.3714949	-1.53E-01	170684299	170684422	NC_000006.11
cg16692277	1.15E-11	6.92E-13	-7.69	18.3713568	-1.61E-01	51640948	51641071	NC_000013.10

cg12587087	1.15E-11	6.92E-13	-7.69	18.3712748	-1.86E-01	155971907	155972030	NC_000001.10
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cg07367601	1.15E-11	6.94E-13	-7.69	18.3695008	-1.50E-01	235114342	235114465	NC_000001.10
cg03956820	1.15E-11	6.94E-13	-7.69	18.3694982	-1.42E-01	80190154	80190277	NC_000017.10
cg21540984	1.16E-11	6.94E-13	-7.69	18.3686654	-1.47E-01	70996031	70996154	NC_000015.9
cg23436960	1.16E-11	6.94E-13	-7.69	18.3684833	-9.92E-02	77239540	77239663	NC_000014.8
cg20992708	1.16E-11	6.95E-13	-7.69	18.3673134	-2.10E-01	5637894	5638017	NC_000004.11
cg25949363	1.16E-11	6.97E-13	-7.69	18.3647268	-9.53E-02	48352008	48352131	NC_000017.10
cg10712623	1.16E-11	6.99E-13	-7.69	18.3618732	-5.94E-02	25469577	25469700	NC_000003.11
cg03333699	1.16E-11	7.00E-13	-7.69	18.3602368	-1.37E-01	966569	966692	NC_000007.13
cg22784964	1.17E-11	7.00E-13	-7.69	18.3597673	-2.91E-02	21151036	21151159	NC_000014.8
cg13219080	1.17E-11	7.01E-13	-7.69	18.3589747	-1.53E-01	942161	942284	NC_000001.10
cg01581326	1.17E-11	7.03E-13	-7.69	18.3565605	-1.30E-01	159052435	159052558	NC_000006.11
cg03974286	1.17E-11	7.03E-13	-7.69	18.3558049	-8.28E-02	201980638	201980761	NC_000002.11
cg22496377	1.17E-11	7.05E-13	-7.69	18.353351	-7.24E-02	45493207	45493330	NC_000015.9
cg25015290	1.18E-11	7.07E-13	-7.69	18.3507685	-6.38E-02	14996185	14996308	NC_000010.10
cg13827582	1.18E-11	7.07E-13	-7.69	18.3507482	-1.68E-01	99971213	99971336	NC_000015.9
cg06635952	1.18E-11	7.07E-13	-7.69	18.3504319	-1.29E-01	70025869	70025992	NC_000002.11
cg16928044	1.18E-11	7.07E-13	-7.69	18.3500497	-6.94E-02	145589929	145590052	NC_000001.10
cg06423252	1.18E-11	7.08E-13	-7.69	18.3495878	-1.31E-01	115861227	115861350	NC_000010.10
cg18891604	1.18E-11	7.08E-13	-7.69	18.3489367	-1.90E-01	36319055	36319178	NC_000006.11
cg01051318	1.18E-11	7.08E-13	-7.69	18.3488347	-4.27E-02	27440764	27440887	NC_000002.11
cg07854113	1.18E-11	7.09E-13	-7.69	18.3484975	-1.47E-01	172347685	172347808	NC_000005.9
cg21210224	1.18E-11	7.09E-13	-7.69	18.3474233	-1.73E-01	65186306	65186429	NC_000015.9

cg27359633	1.18E-11	7.10E-13	-7.69	18.3462794	-5.75E-02	33104463	33104586	NC_000020.10
cg18366169	1.18E-11	7.12E-13	-7.69	18.3431481	-1.70E-01	1948875	1948998	NC_000005.9
cg18229767	1.18E-11	7.13E-13	-7.69	18.3426321	-1.31E-01	67776576	67776699	NC_000011.9
cg00148223	1.18E-11	7.13E-13	-7.69	18.341889	-1.61E-01	957913	958036	NC_000005.9
cg16616449	1.19E-11	7.14E-13	-7.69	18.3412415	-1.65E-01	176739309	176739432	NC_000005.9
cg12458179	1.19E-11	7.14E-13	-7.69	18.3405354	-5.51E-02	238969828	238969951	NC_000002.11
cg25828093	1.19E-11	7.17E-13	-7.69	18.337208	-7.98E-02	26041003	26041126	NC_000008.10
cg20675173	1.19E-11	7.17E-13	-7.69	18.3367637	-1.54E-01	43795541	43795664	NC_000003.11
cg23541273	1.19E-11	7.18E-13	-7.69	18.3361187	-6.98E-02	27631826	27631949	NC_000002.11
cg18915450	1.20E-11	7.21E-13	-7.69	18.3318821	-1.82E-01	9960773	9960896	NC_000002.11
cg06912623	1.20E-11	7.21E-13	-7.69	18.3307633	-1.85E-01	224781135	224781258	NC_000001.10
cg09570855	1.20E-11	7.22E-13	-7.69	18.3306335	-1.12E-01	66050646	66050769	NC_000017.10
cg10482024	1.20E-11	7.22E-13	-7.69	18.3304448	-6.95E-02	65613042	65613165	NC_000001.10
cg21606226	1.20E-11	7.22E-13	-7.69	18.3300918	-6.08E-02	27146292	27146415	NC_000006.11
cg27535687	1.20E-11	7.23E-13	-7.69	18.3292314	-1.20E-01	56979041	56979164	NC_000018.9
cg24793722	1.20E-11	7.24E-13	-7.69	18.3276828	-1.25E-01	824416	824539	NC_000004.11
cg06377473	1.20E-11	7.25E-13	-7.69	18.3256961	-5.15E-02	116528363	116528486	NC_000010.10
cg18274619	1.21E-11	7.28E-13	-7.68	18.3222052	-1.54E-01	127494852	127494975	NC_000003.11
cg16434510	1.21E-11	7.29E-13	-7.68	18.3198642	-1.93E-01	129800022	129800145	NC_000008.10
cg16072664	1.21E-11	7.31E-13	-7.68	18.3179427	-7.84E-02	35014885	35015008	NC_000021.8
cg19381766	1.21E-11	7.32E-13	-7.68	18.316345	-1.09E-01	5597647	5597770	NC_000007.13
cg03437675	1.22E-11	7.33E-13	-7.68	18.3150636	-1.34E-01	110271625	110271748	NC_000012.11
cg16702713	1.22E-11	7.33E-13	-7.68	18.3147635	-5.79E-02	118407037	118407160	NC_000005.9
cg03248820	1.22E-11	7.35E-13	-7.68	18.3129553	-5.67E-02	102822873	102822996	NC_000010.10
cg14395844	1.22E-11	7.35E-13	-7.68	18.312564	-7.78E-02	139980277	139980400	NC_000009.11



cg18958693	1.22E-11	7.36E-13	-7.68	18.3111313	-2.02E-01	1607601	1607724	NC_000007.13
cg11279021	1.22E-11	7.36E-13	-7.68	18.3110827	-8.39E-02	14028690	14028813	NC_000007.13
cg12062900	1.22E-11	7.36E-13	-7.68	18.3110188	-9.73E-02	5564075	5564198	NC_000019.9
cg19911430	1.22E-11	7.36E-13	-7.68	18.3108026	-1.67E-01	16430654	16430777	NC_000002.11
cg07536328	1.22E-11	7.37E-13	-7.68	18.3097676	-1.23E-01	51592253	51592376	NC_000010.10
cg06081951	1.22E-11	7.38E-13	-7.68	18.3089722	-1.27E-01	14991413	14991536	NC_000011.9
cg17854416	1.22E-11	7.38E-13	-7.68	18.3087719	-1.30E-01	37720647	37720770	NC_000022.10
cg16099404	1.22E-11	7.38E-13	-7.68	18.3080424	-1.27E-01	202336282	202336405	NC_000002.11
cg18544888	1.22E-11	7.39E-13	-7.68	18.3069165	-1.50E-01	122259959	122260082	NC_000002.11
cg22392793	1.23E-11	7.40E-13	-7.68	18.3062538	-1.29E-01	99554416	99554539	NC_000002.11
cg23501005	1.23E-11	7.40E-13	-7.68	18.3061676	-1.59E-01	195870009	195870132	NC_000003.11
cg00598335	1.23E-11	7.44E-13	-7.68	18.3006637	-5.32E-02	11627530	11627653	NC_000008.10
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cg14851846	1.24E-11	7.47E-13	-7.68	18.2969615	-4.67E-02	99716985	99717108	NC_000007.13
cg12068124	1.24E-11	7.47E-13	-7.68	18.2964931	-1.62E-01	1238538	1238661	NC_000019.9
cg03470772	1.24E-11	7.48E-13	-7.68	18.2953341	-9.43E-02	85503328	85503451	NC_000004.11
cg04399565	1.24E-11	7.50E-13	-7.68	18.2920324	-1.68E-01	24856162	24856285	NC_000016.9
cg05897963	1.24E-11	7.51E-13	-7.68	18.2906326	-1.63E-01	30157918	30158041	NC_000019.9
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cg12552820	1.25E-11	7.53E-13	-7.68	18.2879994	-1.77E-01	2231925	2232048	NC_000001.10
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cg08343786	1.32E-11	7.98E-13	-7.67	18.231016	-2.16E-02	10747564	10747687	NC_000006.11
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cg03021329	1.34E-11	8.17E-13	-7.67	18.2082096	-1.59E-01	124554058	124554181	NC_000003.11
cg02926005	1.35E-11	8.17E-13	-7.67	18.207729	-2.62E-02	26496421	26496544	NC_000001.10
cg03302135	1.35E-11	8.18E-13	-7.67	18.2067279	-1.18E-01	61040825	61040948	NC_000020.10
cg14699651	1.35E-11	8.18E-13	-7.67	18.2067107	-4.20E-02	1325099	1325222	NC_000019.9
cg03918756	1.35E-11	8.18E-13	-7.67	18.2064916	-1.94E-01	141248632	141248755	NC_000008.10

cg00107241	1.35E-11	8.21E-13	-7.66	18.2029789	-1.30E-01	29461070	29461193	NC_000001.10
cg20338307	1.35E-11	8.21E-13	-7.66	18.2028965	-7.95E-02	27114586	27114709	NC_000006.11
cg03925157	1.35E-11	8.23E-13	-7.66	18.2007854	-4.45E-02	17549955	17550078	NC_000020.10
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cg24069602	1.37E-11	8.36E-13	-7.66	18.1858925	-8.69E-02	62045522	62045645	NC_000017.10
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cg09088050	1.38E-11	8.42E-13	-7.66	18.1788398	-1.00E-01	8090206	8090329	NC_000011.9
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cg03499808	1.41E-11	8.59E-13	-7.66	18.1590427	-2.20E-01	73020459	73020582	NC_000011.9
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cg07473553	1.42E-11	8.66E-13	-7.66	18.1508475	-2.20E-01	125655407	125655530	NC_000003.11
cg27373387	1.42E-11	8.66E-13	-7.66	18.1503355	-1.49E-01	10592414	10592537	NC_000002.11
cg07229688	1.42E-11	8.69E-13	-7.65	18.1468856	-1.23E-01	59564213	59564336	NC_000018.9

cg18114040	1.43E-11	8.70E-13	-7.65	18.146126	-1.85E-01	111062247	111062370	NC_000013.10
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cg07945335	1.43E-11	8.75E-13	-7.65	18.1407513	-1.35E-01	41924478	41924601	NC_000017.10
cg05831315	1.44E-11	8.76E-13	-7.65	18.1394441	-1.06E-01	69216882	69217005	NC_000008.10
cg15125868	1.44E-11	8.77E-13	-7.65	18.1383049	-1.62E-01	35746798	35746921	NC_000021.8
cg17751776	1.44E-11	8.81E-13	-7.65	18.1343233	-7.22E-02	27370117	27370240	NC_000017.10
cg07671976	1.44E-11	8.81E-13	-7.65	18.1337889	-9.59E-02	1142215	1142338	NC_000001.10
cg19478539	1.44E-11	8.81E-13	-7.65	18.1335444	-1.37E-01	39957639	39957762	NC_000017.10
cg06690609	1.44E-11	8.82E-13	-7.65	18.1330795	-8.46E-02	2723314	2723437	NC_000019.9
cg01979352	1.44E-11	8.82E-13	-7.65	18.1330454	-9.51E-02	182569418	182569541	NC_000001.10
cg17073169	1.45E-11	8.84E-13	-7.65	18.1309894	-1.98E-01	110533292	110533415	NC_000003.11
cg16520225	1.45E-11	8.85E-13	-7.65	18.1298824	-6.04E-02	72266155	72266278	NC_000018.9
cg19582265	1.45E-11	8.86E-13	-7.65	18.1287931	-8.30E-02	4229293	4229416	NC_000019.9
cg04603818	1.45E-11	8.86E-13	-7.65	18.1287639	-9.83E-02	17255771	17255894	NC_000017.10
cg10317717	1.45E-11	8.86E-13	-7.65	18.12824	-1.63E-01	48129904	48130027	NC_000007.13
cg05774698	1.45E-11	8.86E-13	-7.65	18.12802	-1.68E-01	27681678	27681801	NC_000007.13
cg19322788	1.46E-11	8.91E-13	-7.65	18.12253	-1.24E-01	125831167	125831290	NC_000012.11
cg09638264	1.46E-11	8.92E-13	-7.65	18.1221308	-1.49E-01	228735722	228735845	NC_000002.11
cg12580943	1.46E-11	8.94E-13	-7.65	18.1197376	-1.68E-01	2203648	2203771	NC_000001.10
cg18640660	1.47E-11	8.96E-13	-7.65	18.1169023	-1.27E-01	74495657	74495780	NC_000015.9
cg09209257	1.48E-11	9.02E-13	-7.65	18.1103635	-1.08E-01	78907020	78907143	NC_000014.8

cg07464201	1.48E-11	9.03E-13	-7.65	18.1092253	-6.81E-02	75422611	75422734	NC_000014.8
cg19737225	1.48E-11	9.03E-13	-7.65	18.1091027	-1.34E-01	17392320	17392443	NC_000019.9
cg13271228	1.48E-11	9.04E-13	-7.65	18.1079792	-5.43E-02	33412355	33412478	NC_000020.10
ch.2.1904847R	1.48E-11	9.06E-13	-7.65	18.1065587	-2.67E-02	86300405	86300528	NC_000002.11
cg01794555	1.48E-11	9.07E-13	-7.65	18.1050067	-1.69E-01	46742767	46742890	NC_000013.10
cg25936381	1.49E-11	9.10E-13	-7.65	18.1021775	-1.74E-01	38657875	38657998	NC_000017.10
cg19513744	1.49E-11	9.10E-13	-7.65	18.1016887	-5.54E-02	56836209	56836332	NC_000003.11
cg01359236	1.49E-11	9.11E-13	-7.65	18.1010098	-1.22E-01	11763828	11763951	NC_000008.10
cg00859280	1.49E-11	9.14E-13	-7.65	18.0977061	-8.44E-02	101137068	101137191	NC_000014.8
cg09911316	1.49E-11	9.14E-13	-7.65	18.0976093	-1.42E-01	3610600	3610723	NC_000006.11
cg00968640	1.50E-11	9.15E-13	-7.65	18.09635	-1.64E-01	185834094	185834217	NC_000001.10
cg18487508	1.50E-11	9.17E-13	-7.65	18.0942094	-6.95E-02	39926862	39926985	NC_000019.9
cg04121261	1.50E-11	9.18E-13	-7.65	18.0935723	-1.01E-01	12038580	12038703	NC_000018.9
cg11387340	1.51E-11	9.23E-13	-7.65	18.0884962	-1.28E-01	166970727	166970850	NC_000006.11
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cg20566450	1.51E-11	9.25E-13	-7.64	18.0856555	-9.66E-02	31854651	31854774	NC_000005.9
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cg04529938	1.51E-11	9.26E-13	-7.64	18.0845348	-1.56E-01	73084494	73084617	NC_000017.10
cg26282283	1.51E-11	9.27E-13	-7.64	18.0834509	-1.47E-01	2704368	2704491	NC_000007.13
cg16470140	1.52E-11	9.29E-13	-7.64	18.0817361	-1.25E-01	77862098	77862221	NC_000015.9
cg06010667	1.52E-11	9.29E-13	-7.64	18.0811128	-1.59E-01	169309818	169309941	NC_000006.11
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cg04089901	1.52E-11	9.32E-13	-7.64	18.0784659	-1.40E-01	7557590	7557713	NC_000007.13



cg10754705	1.52E-11	9.33E-13	-7.64	18.0772919	-8.01E-02	22085381	22085504	NC_000008.10
cg25652751	1.53E-11	9.37E-13	-7.64	18.0730075	-1.53E-01	77748245	77748368	NC_000015.9
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cg27409802	1.53E-11	9.39E-13	-7.64	18.0709429	-1.53E-01	188664928	188665051	NC_000003.11
cg04034685	1.53E-11	9.40E-13	-7.64	18.0703614	-1.49E-01	62085532	62085655	NC_000017.10
cg14667235	1.54E-11	9.43E-13	-7.64	18.066981	-1.23E-01	76026648	76026771	NC_000007.13
cg26588061	1.54E-11	9.43E-13	-7.64	18.0669727	-1.66E-01	12086036	12086159	NC_000010.10
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cg25730142	1.54E-11	9.45E-13	-7.64	18.0652525	-4.36E-02	32031702	32031825	NC_000020.10
ch.15.859615F	1.54E-11	9.46E-13	-7.64	18.0637077	-4.96E-02	61367401	61367524	NC_000015.9
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cg18790325	1.55E-11	9.47E-13	-7.64	18.0622151	-1.39E-01	116881705	116881828	NC_000012.11
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cg24160371	1.55E-11	9.51E-13	-7.64	18.0580529	-1.45E-01	107333404	107333527	NC_000005.9
cg13837747	1.55E-11	9.54E-13	-7.64	18.0557096	-1.15E-01	149178676	149178799	NC_000006.11
cg06339706	1.55E-11	9.54E-13	-7.64	18.0555922	-1.62E-01	49371285	49371408	NC_000019.9
cg24575128	1.56E-11	9.56E-13	-7.64	18.0538159	-1.22E-01	52502445	52502568	NC_000003.11
cg26124968	1.56E-11	9.56E-13	-7.64	18.0537144	-1.71E-01	44801571	44801694	NC_000007.13
cg06869171	1.56E-11	9.56E-13	-7.64	18.0537026	-1.30E-01	155949839	155949962	NC_000001.10
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cg25655489	1.56E-11	9.58E-13	-7.64	18.0511758	-1.51E-01	57484208	57484331	NC_000005.9
cg04638014	1.56E-11	9.58E-13	-7.64	18.0509399	-1.10E-01	57371368	57371491	NC_000004.11
ch.1.2348804F	1.56E-11	9.61E-13	-7.64	18.0486574	-4.50E-02	95363108	95363231	NC_000001.10

cg03568305	1.57E-11	9.62E-13	-7.64	18.0472251	-8.59E-02	38183559	38183682	NC_000017.10
cg03956353	1.57E-11	9.63E-13	-7.64	18.046633	-1.51E-01	110306642	110306765	NC_000001.10
cg18213979	1.57E-11	9.64E-13	-7.64	18.0452315	-2.59E-02	29297873	29297996	NC_000017.10
cg08886546	1.57E-11	9.64E-13	-7.64	18.0448096	-4.31E-02	19051335	19051458	NC_000019.9
cg04390004	1.57E-11	9.67E-13	-7.64	18.0421815	-1.32E-01	39279324	39279447	NC_000019.9
cg05506475	1.58E-11	9.67E-13	-7.64	18.0418611	-6.26E-02	180308335	180308458	NC_000003.11
ch.9.377428R	1.58E-11	9.69E-13	-7.64	18.0396794	-2.54E-02	19439561	19439684	NC_000009.11
cg11585805	1.58E-11	9.70E-13	-7.64	18.0393179	-1.24E-01	47973566	47973689	NC_000001.10
cg24207161	1.58E-11	9.70E-13	-7.64	18.0388779	-2.30E-01	155464712	155464835	NC_000006.11
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cg11097717	1.58E-11	9.72E-13	-7.64	18.0374042	-4.46E-02	191045635	191045758	NC_000002.11
cg05775067	1.58E-11	9.72E-13	-7.64	18.0372239	-2.08E-01	30602982	30603105	NC_000007.13
cg21785723	1.59E-11	9.75E-13	-7.64	18.0336265	-1.51E-01	6551782	6551905	NC_000001.10
cg07935264	1.59E-11	9.76E-13	-7.64	18.0327047	-1.87E-01	113594375	113594498	NC_000002.11
cg22379463	1.59E-11	9.77E-13	-7.64	18.0316421	-9.48E-02	45260330	45260453	NC_000003.11
cg03112033	1.59E-11	9.79E-13	-7.64	18.0303607	-1.50E-01	31515551	31515674	NC_000012.11
cg23189692	1.59E-11	9.79E-13	-7.64	18.0296967	-2.12E-01	184050393	184050516	NC_000003.11
cg27266479	1.60E-11	9.81E-13	-7.63	18.0280547	-6.42E-02	9294882	9295005	NC_000001.10
cg03068958	1.60E-11	9.81E-13	-7.63	18.027771	-7.01E-02	810321	810444	NC_000011.9
cg24682551	1.60E-11	9.81E-13	-7.63	18.0277511	-9.85E-02	116519623	116519746	NC_000001.10
cg10803935	1.60E-11	9.82E-13	-7.63	18.0272662	-9.73E-02	91293630	91293753	NC_000008.10
cg27321913	1.60E-11	9.85E-13	-7.63	18.0243387	-7.81E-02	35265379	35265502	NC_000006.11
cg19420129	1.60E-11	9.85E-13	-7.63	18.0234304	-1.37E-01	49228152	49228275	NC_000019.9
cg13413982	1.61E-11	9.91E-13	-7.63	18.0176083	-1.64E-01	44868172	44868295	NC_000013.10
cg04675747	1.61E-11	9.93E-13	-7.63	18.0163172	-1.35E-01	29626439	29626562	NC_000016.9

cg20646120	1.62E-11	9.97E-13	-7.63	18.0115026	-5.61E-02	60982720	60982843	NC_000020.10
cg00071887	1.62E-11	9.98E-13	-7.63	18.0114419	-1.35E-01	74218529	74218652	NC_000015.9
cg11557823	1.62E-11	9.98E-13	-7.63	18.0105976	-6.16E-02	88429167	88429290	NC_000012.11
cg14343701	1.62E-11	9.99E-13	-7.63	18.0103898	-1.45E-01	64672341	64672464	NC_000017.10
cg07821197	1.62E-11	9.99E-13	-7.63	18.0099131	-2.18E-02	75681616	75681739	NC_000016.9
cg17454094	1.62E-11	1.00E-12	-7.63	18.0094038	-1.25E-01	12610062	12610185	NC_000001.10
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cg11288144	1.63E-11	1.00E-12	-7.63	18.0069326	-2.44E-01	30649909	30650032	NC_000006.11
cg08189448	1.63E-11	1.00E-12	-7.63	18.006543	-1.17E-01	118915907	118916030	NC_000009.11
cg03245733	1.63E-11	1.00E-12	-7.63	18.006061	-1.83E-02	124407825	124407948	NC_000008.10
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cg03348978	1.63E-11	1.01E-12	-7.63	18.0039981	-4.65E-02	36103230	36103353	NC_000017.10
cg14286048	1.64E-11	1.01E-12	-7.63	18.0022597	-3.94E-02	46354342	46354465	NC_000020.10
cg14311362	1.64E-11	1.01E-12	-7.63	18.0001051	-1.49E-01	121498812	121498935	NC_000002.11
cg01369114	1.64E-11	1.01E-12	-7.63	17.999382	-4.47E-02	31002991	31003114	NC_000022.10
cg01905589	1.64E-11	1.01E-12	-7.63	17.9991966	-6.62E-02	26856408	26856531	NC_000001.10
cg27079194	1.64E-11	1.01E-12	-7.63	17.9980858	-1.75E-01	32350428	32350551	NC_000014.8
cg12791476	1.64E-11	1.01E-12	-7.63	17.9979026	-5.85E-02	44059249	44059372	NC_000007.13
cg01579218	1.64E-11	1.01E-12	-7.63	17.9963393	-1.42E-01	87312047	87312170	NC_000016.9
cg23691223	1.64E-11	1.01E-12	-7.63	17.9959594	-1.52E-01	57785036	57785159	NC_000001.10
cg13804854	1.65E-11	1.02E-12	-7.63	17.993071	-7.79E-02	49458488	49458611	NC_000019.9
cg10485466	1.65E-11	1.02E-12	-7.63	17.9917173	-5.70E-02	90777350	90777473	NC_000015.9
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cg09739932	1.66E-11	1.02E-12	-7.63	17.9875081	-1.01E-01	2178621	2178744	NC_000016.9
cg20214328	1.66E-11	1.02E-12	-7.63	17.9869881	-8.80E-02	39378302	39378425	NC_000019.9
cg08777211	1.66E-11	1.02E-12	-7.63	17.9862399	-1.65E-01	130060960	130061083	NC_000007.13
cg09447808	1.66E-11	1.02E-12	-7.63	17.9854504	-6.47E-02	103267071	103267194	NC_000004.11
cg24301350	1.67E-11	1.03E-12	-7.63	17.9819822	-7.13E-02	200776224	200776347	NC_000002.11
cg17142931	1.67E-11	1.03E-12	-7.63	17.980197	-1.37E-01	942295	942418	NC_000001.10
cg03742808	1.67E-11	1.03E-12	-7.63	17.9799662	-1.07E-01	76128634	76128757	NC_000017.10
cg05714094	1.67E-11	1.03E-12	-7.63	17.978842	-7.03E-02	117102988	117103111	NC_000011.9
cg08592493	1.67E-11	1.03E-12	-7.63	17.9781591	-1.27E-01	88563934	88564057	NC_000016.9
cg08335767	1.67E-11	1.03E-12	-7.63	17.9775997	-1.09E-01	34206495	34206618	NC_000006.11
cg06745955	1.68E-11	1.03E-12	-7.63	17.9766313	-7.94E-02	27038470	27038593	NC_000017.10
cg08621957	1.68E-11	1.03E-12	-7.63	17.9754657	-2.11E-01	219181531	219181654	NC_000002.11
cg09098720	1.68E-11	1.04E-12	-7.63	17.9751361	-1.53E-01	49412842	49412965	NC_000017.10
cg24030173	1.68E-11	1.04E-12	-7.63	17.9749351	-1.37E-01	48922140	48922263	NC_000019.9
cg24389730	1.68E-11	1.04E-12	-7.63	17.9723736	-8.18E-02	46114615	46114738	NC_000017.10
cg17311587	1.68E-11	1.04E-12	-7.63	17.9723576	-6.57E-02	1250088	1250211	NC_000007.13
cg02066650	1.68E-11	1.04E-12	-7.63	17.972172	-2.07E-02	111435449	111435572	NC_000002.11
cg09308777	1.69E-11	1.04E-12	-7.63	17.9707194	-1.71E-01	169852575	169852698	NC_000006.11
cg10020787	1.69E-11	1.04E-12	-7.62	17.9663923	-1.14E-01	50626838	50626961	NC_000010.10
cg03980764	1.70E-11	1.05E-12	-7.62	17.9644452	-1.11E-01	31698492	31698615	NC_000006.11
cg25163015	1.70E-11	1.05E-12	-7.62	17.9627295	-5.68E-02	64052221	64052344	NC_000011.9
cg09113070	1.70E-11	1.05E-12	-7.62	17.9590545	-1.63E-01	86114036	86114159	NC_000002.11
cg22106577	1.71E-11	1.05E-12	-7.62	17.9575371	-2.21E-02	137514936	137515059	NC_000005.9
cg04335562	1.71E-11	1.05E-12	-7.62	17.9573765	-6.06E-02	2945000	2945123	NC_000019.9
cg03386595	1.71E-11	1.05E-12	-7.62	17.9572058	-1.63E-01	48194304	48194427	NC_000001.10

cg27507254	1.71E-11	1.05E-12	-7.62	17.9569368	-1.16E-01	43206037	43206160	NC_000001.10
cg14113958	1.71E-11	1.06E-12	-7.62	17.9559716	-1.60E-01	117657237	117657360	NC_000009.11
cg10285525	1.71E-11	1.06E-12	-7.62	17.955828	-9.30E-02	62167942	62168065	NC_000020.10
cg00986445	1.71E-11	1.06E-12	-7.62	17.9555055	-8.39E-02	145507653	145507776	NC_000001.10
cg01051583	1.72E-11	1.06E-12	-7.62	17.9520152	-1.70E-01	93196072	93196195	NC_000014.8
cg18642576	1.72E-11	1.06E-12	-7.62	17.9495588	-1.47E-01	74752765	74752888	NC_000016.9
cg11585357	1.73E-11	1.07E-12	-7.62	17.9439888	-1.81E-01	52794869	52794992	NC_000006.11
cg22266967	1.73E-11	1.07E-12	-7.62	17.9429877	-1.33E-01	6695698	6695821	NC_000004.11
cg27626102	1.74E-11	1.07E-12	-7.62	17.9385052	-5.54E-02	89840731	89840854	NC_000007.13
cg12347757	1.74E-11	1.08E-12	-7.62	17.9356071	-1.04E-01	139779027	139779150	NC_000007.13
cg18882156	1.74E-11	1.08E-12	-7.62	17.9350255	-1.53E-01	42276442	42276565	NC_000002.11
cg02671204	1.75E-11	1.08E-12	-7.62	17.9345313	-1.64E-01	84076834	84076957	NC_000016.9
cg22078079	1.75E-11	1.08E-12	-7.62	17.9343369	-4.24E-02	52739121	52739244	NC_000003.11
cg02375503	1.75E-11	1.08E-12	-7.62	17.9326838	-1.03E-01	69591110	69591233	NC_000015.9
ch.21.825836R	1.75E-11	1.08E-12	-7.62	17.9306682	-7.35E-02	47810293	47810416	NC_000021.8
cg16561266	1.76E-11	1.09E-12	-7.62	17.9281003	-1.30E-01	62777777	62777900	NC_000017.10
cg02100674	1.76E-11	1.09E-12	-7.62	17.9265574	-1.28E-01	83636325	83636448	NC_000010.10
cg01516372	1.76E-11	1.09E-12	-7.62	17.9265151	-1.57E-01	87617972	87618095	NC_000001.10
cg22412747	1.76E-11	1.09E-12	-7.62	17.9261017	-1.71E-01	28768014	28768137	NC_000002.11
cg26909981	1.76E-11	1.09E-12	-7.62	17.9260589	-1.66E-01	49377294	49377417	NC_000019.9
cg25174844	1.76E-11	1.09E-12	-7.62	17.9236548	-1.49E-01	73195113	73195236	NC_000015.9
cg24282826	1.76E-11	1.09E-12	-7.62	17.9228007	-5.90E-02	35288546	35288669	NC_000021.8
cg15948124	1.77E-11	1.09E-12	-7.62	17.9216154	-1.56E-01	90021803	90021926	NC_000006.11
cg06043201	1.77E-11	1.09E-12	-7.62	17.9210198	-1.73E-01	28974428	28974551	NC_000008.10
cg06755427	1.77E-11	1.09E-12	-7.62	17.9202855	-1.35E-01	223824319	223824442	NC_000002.11

cg23973162	1.77E-11	1.10E-12	-7.62	17.9189443	-6.13E-02	40745761	40745884	NC_000013.10
cg02515800	1.78E-11	1.10E-12	-7.62	17.9159064	-8.01E-02	149339754	149339877	NC_000005.9
cg20072001	1.78E-11	1.10E-12	-7.62	17.915805	-6.63E-02	101142384	101142507	NC_000015.9
cg08309251	1.78E-11	1.10E-12	-7.62	17.9148319	-1.04E-01	46348306	46348429	NC_000021.8
cg00556514	1.78E-11	1.10E-12	-7.62	17.9143381	-6.70E-02	38066524	38066647	NC_000003.11
cg24054649	1.78E-11	1.10E-12	-7.61	17.9109969	-5.32E-02	24604912	24605035	NC_000014.8
cg04896048	1.78E-11	1.10E-12	-7.61	17.9109422	-1.45E-01	119993780	119993903	NC_000011.9
cg07180649	1.79E-11	1.11E-12	-7.61	17.9098949	-5.07E-02	22470290	22470413	NC_000001.10
cg25616869	1.79E-11	1.11E-12	-7.61	17.9074409	-1.65E-01	48443867	48443990	NC_000003.11
cg10646368	1.79E-11	1.11E-12	-7.61	17.9074328	-9.82E-02	83974335	83974458	NC_000015.9
cg18105725	1.80E-11	1.11E-12	-7.61	17.9044563	-1.50E-01	160554003	160554126	NC_000006.11
cg05590619	1.80E-11	1.11E-12	-7.61	17.9035503	-9.29E-02	42056814	42056937	NC_000003.11
cg07328664	1.80E-11	1.11E-12	-7.61	17.9030212	-1.78E-01	233125062	233125185	NC_000002.11
cg03304815	1.80E-11	1.12E-12	-7.61	17.9007105	-2.64E-02	134083139	134083262	NC_000003.11
cg06908460	1.80E-11	1.12E-12	-7.61	17.8999885	-1.25E-01	35676104	35676227	NC_000009.11
cg24899846	1.81E-11	1.12E-12	-7.61	17.897689	-6.17E-02	31371967	31372090	NC_000006.11
cg26643377	1.81E-11	1.12E-12	-7.61	17.8972917	-1.16E-01	11710460	11710583	NC_000001.10
cg08116137	1.81E-11	1.12E-12	-7.61	17.8966308	-1.48E-01	73870653	73870776	NC_000002.11
cg13175329	1.81E-11	1.12E-12	-7.61	17.8954802	-1.58E-01	25035073	25035196	NC_000006.11
cg23752696	1.81E-11	1.12E-12	-7.61	17.8952821	-2.07E-01	241949400	241949523	NC_000002.11
cg18125510	1.81E-11	1.12E-12	-7.61	17.8950421	-1.83E-01	100841768	100841891	NC_000014.8
cg05671644	1.81E-11	1.12E-12	-7.61	17.8949094	-1.43E-01	102632303	102632426	NC_000007.13
cg04113056	1.81E-11	1.12E-12	-7.61	17.8944915	-6.35E-02	64010798	64010921	NC_000014.8
cg08159447	1.81E-11	1.12E-12	-7.61	17.8940811	-3.52E-02	40728895	40729018	NC_000015.9
cg24035104	1.81E-11	1.12E-12	-7.61	17.8937758	-5.42E-02	44445524	44445647	NC_000001.10

cg24310711	1.82E-11	1.13E-12	-7.61	17.892274	-1.51E-01	70026605	70026728	NC_000017.10
cg23572944	1.82E-11	1.13E-12	-7.61	17.8911068	-1.74E-01	60720130	60720253	NC_000011.9
cg00876678	1.83E-11	1.13E-12	-7.61	17.8858739	-9.93E-02	2319586	2319709	NC_000016.9
cg09227277	1.83E-11	1.13E-12	-7.61	17.8855449	-1.29E-01	155283982	155284105	NC_000006.11
cg24737324	1.83E-11	1.13E-12	-7.61	17.8845109	-1.09E-01	19867143	19867266	NC_000020.10
cg08781403	1.83E-11	1.14E-12	-7.61	17.884103	-1.21E-01	67434868	67434991	NC_000008.10
cg13024761	1.83E-11	1.14E-12	-7.61	17.881755	-1.43E-01	121487296	121487419	NC_000002.11
cg17129400	1.84E-11	1.14E-12	-7.61	17.8799296	-9.04E-02	33413709	33413832	NC_000020.10
cg11422156	1.84E-11	1.14E-12	-7.61	17.8784295	-1.27E-01	45477807	45477930	NC_000010.10
cg02152578	1.84E-11	1.14E-12	-7.61	17.8772411	-2.64E-02	110526899	110527022	NC_000001.10
cg20011360	1.84E-11	1.14E-12	-7.61	17.8762097	-1.64E-01	37585660	37585783	NC_000004.11
cg22871559	1.84E-11	1.14E-12	-7.61	17.8760519	-7.09E-02	206730254	206730377	NC_000001.10
cg10528484	1.85E-11	1.15E-12	-7.61	17.8741817	-1.50E-01	204265410	204265533	NC_000001.10
cg04890560	1.85E-11	1.15E-12	-7.61	17.8732548	-1.11E-01	88459527	88459650	NC_000016.9
cg01869067	1.85E-11	1.15E-12	-7.61	17.8715635	-5.12E-02	46374411	46374534	NC_000022.10
cg11158374	1.85E-11	1.15E-12	-7.61	17.8705234	-1.52E-01	43771664	43771787	NC_000021.8
cg11878242	1.85E-11	1.15E-12	-7.61	17.8698023	-4.24E-02	64881772	64881895	NC_000002.11
cg01272428	1.85E-11	1.15E-12	-7.61	17.8696213	-7.35E-02	74477456	74477579	NC_000002.11
cg22405558	1.85E-11	1.15E-12	-7.61	17.8695074	-5.88E-02	208489735	208489858	NC_000002.11
cg00221718	1.85E-11	1.15E-12	-7.61	17.8693907	-1.91E-01	128914668	128914791	NC_000003.11
ch.5.2313526R	1.86E-11	1.15E-12	-7.61	17.8674407	-1.26E-01	126507609	126507732	NC_000005.9
cg00297767	1.86E-11	1.15E-12	-7.61	17.8671702	-5.77E-02	40721426	40721549	NC_000021.8
cg21921361	1.86E-11	1.16E-12	-7.61	17.8665998	-1.52E-01	146130070	146130193	NC_000008.10
cg18144742	1.87E-11	1.16E-12	-7.61	17.8617895	-7.57E-02	107252125	107252248	NC_000014.8
cg04585669	1.87E-11	1.17E-12	-7.61	17.8583578	-1.57E-01	11599640	11599763	NC_000003.11

cg19308989	1.88E-11	1.17E-12	-7.61	17.8571984	-1.43E-01	7820248	7820371	NC_000017.10
cg01329687	1.88E-11	1.17E-12	-7.61	17.8535997	-1.05E-01	11761803	11761926	NC_000016.9
cg15478441	1.88E-11	1.17E-12	-7.6	17.8529538	-3.45E-02	2758381	2758504	NC_000004.11
cg02805871	1.88E-11	1.17E-12	-7.6	17.8527516	-8.53E-02	6939695	6939818	NC_000017.10
cg09490007	1.89E-11	1.17E-12	-7.6	17.8505613	-1.46E-01	41704003	41704126	NC_000006.11
cg06128920	1.89E-11	1.17E-12	-7.6	17.8505397	-6.76E-02	1447374	1447497	NC_000001.10
cg19609923	1.89E-11	1.17E-12	-7.6	17.8503277	-1.51E-01	30421774	30421897	NC_000020.10
cg06500365	1.89E-11	1.18E-12	-7.6	17.8483823	-1.21E-01	46959737	46959860	NC_000010.10
cg21270243	1.89E-11	1.18E-12	-7.6	17.8480937	-9.45E-02	216176248	216176371	NC_000002.11
cg10092799	1.89E-11	1.18E-12	-7.6	17.8477848	-1.60E-01	93811958	93812081	NC_000010.10
cg26369308	1.89E-11	1.18E-12	-7.6	17.8472495	-1.26E-01	41172324	41172447	NC_000019.9
cg13617671	1.90E-11	1.18E-12	-7.6	17.8469022	-9.55E-02	80073082	80073205	NC_000009.11
cg02367708	1.90E-11	1.18E-12	-7.6	17.8468322	-1.09E-01	136873789	136873912	NC_000002.11
cg09086087	1.90E-11	1.18E-12	-7.6	17.8468069	-1.32E-01	68000763	68000886	NC_000016.9
cg16568681	1.90E-11	1.18E-12	-7.6	17.8445736	-1.17E-01	33758505	33758628	NC_000011.9
cg12227505	1.90E-11	1.18E-12	-7.6	17.8441819	-6.25E-02	78194145	78194268	NC_000017.10
cg26556537	1.91E-11	1.19E-12	-7.6	17.840908	-6.87E-02	10250271	10250394	NC_000005.9
cg12462224	1.91E-11	1.19E-12	-7.6	17.8400403	-1.26E-01	232545380	232545503	NC_000002.11
cg12505153	1.91E-11	1.19E-12	-7.6	17.8397589	-1.25E-01	859545	859668	NC_000019.9
cg08699681	1.91E-11	1.19E-12	-7.6	17.8395509	-8.23E-02	135160713	135160836	NC_000010.10
cg06779123	1.91E-11	1.19E-12	-7.6	17.8383448	-4.79E-02	25020962	25021085	NC_000007.13
cg24561419	1.91E-11	1.19E-12	-7.6	17.8382547	-1.95E-01	79553606	79553729	NC_000005.9
cg03064940	1.92E-11	1.19E-12	-7.6	17.8342721	-1.57E-01	129320987	129321110	NC_000002.11
cg17172773	1.92E-11	1.19E-12	-7.6	17.8336013	-6.17E-02	150980817	150980940	NC_000001.10
cg21583412	1.92E-11	1.20E-12	-7.6	17.8334935	-6.01E-02	27621436	27621559	NC_000017.10



cg04114665	1.93E-11	1.20E-12	-7.6	17.8288756	-7.44E-02	75299491	75299614	NC_000016.9
cg25866212	1.93E-11	1.20E-12	-7.6	17.828801	-1.71E-01	93901973	93902096	NC_000013.10
cg05931684	1.93E-11	1.20E-12	-7.6	17.8283386	-5.29E-02	31865274	31865397	NC_000006.11
cg25354657	1.93E-11	1.20E-12	-7.6	17.8280646	-1.84E-01	129991445	129991568	NC_000011.9
cg20060685	1.94E-11	1.21E-12	-7.6	17.8231426	-1.57E-01	106533898	106534021	NC_000012.11
cg17738375	1.94E-11	1.21E-12	-7.6	17.821686	-2.31E-02	12900572	12900695	NC_000019.9
cg09751842	1.95E-11	1.21E-12	-7.6	17.8196869	-6.42E-02	9661422	9661545	NC_000004.11
ch.2.42814419F	1.95E-11	1.21E-12	-7.6	17.8191783	-5.40E-02	42960915	42961038	NC_000002.11
cg01883662	1.95E-11	1.21E-12	-7.6	17.8172245	-1.82E-01	196065289	196065412	NC_000003.11
cg21707131	1.95E-11	1.22E-12	-7.6	17.8160762	-4.65E-02	39378283	39378406	NC_000022.10
cg24596729	1.95E-11	1.22E-12	-7.6	17.8155621	-3.75E-02	165345813	165345936	NC_000001.10
cg26949055	1.96E-11	1.22E-12	-7.6	17.8140963	-1.89E-01	34144832	34144955	NC_000015.9
cg19166347	1.96E-11	1.22E-12	-7.6	17.8140012	-8.43E-02	37955598	37955721	NC_000007.13
ch.15.1428309R	1.96E-11	1.22E-12	-7.6	17.8138532	-3.66E-02	85225048	85225171	NC_000015.9
cg12165551	1.96E-11	1.22E-12	-7.6	17.811598	-1.72E-01	8385712	8385835	NC_000011.9
cg15241786	1.96E-11	1.22E-12	-7.6	17.8110493	-7.21E-02	33547978	33548101	NC_000006.11
cg24295985	1.96E-11	1.22E-12	-7.6	17.8109193	-8.31E-02	2431385	2431508	NC_000001.10
cg16762684	1.96E-11	1.22E-12	-7.6	17.8101512	-1.74E-01	74820493	74820616	NC_000018.9
cg09320210	1.96E-11	1.22E-12	-7.6	17.8099386	-2.14E-01	219989959	219990082	NC_000002.11
cg15950795	1.96E-11	1.22E-12	-7.6	17.8094523	-1.21E-01	141556902	141557025	NC_000004.11
cg08334022	1.96E-11	1.22E-12	-7.6	17.8092873	-1.19E-01	75879348	75879471	NC_000011.9
cg08872313	1.96E-11	1.23E-12	-7.6	17.8086596	-1.11E-01	69292290	69292413	NC_000003.11
cg08424427	1.97E-11	1.23E-12	-7.6	17.8081902	-3.10E-02	180670815	180670938	NC_000005.9
cg00460268	1.97E-11	1.23E-12	-7.6	17.8071174	-1.45E-01	50383175	50383298	NC_000003.11
cg19497767	1.97E-11	1.23E-12	-7.6	17.8065004	-1.48E-01	77893704	77893827	NC_000017.10

cg03074984	1.97E-11	1.23E-12	-7.6	17.806463	-5.89E-02	64126431	64126554	NC_000011.9
cg09189978	1.97E-11	1.23E-12	-7.6	17.8045199	-6.69E-02	38240632	38240755	NC_000022.10
cg22139555	1.97E-11	1.23E-12	-7.6	17.8037927	-5.82E-02	17434123	17434246	NC_000008.10
cg05191006	1.98E-11	1.23E-12	-7.6	17.8023357	-4.10E-02	69760966	69761089	NC_000016.9
cg04078608	1.98E-11	1.24E-12	-7.6	17.8010056	-1.27E-01	47394533	47394656	NC_000021.8
cg07110009	1.98E-11	1.24E-12	-7.6	17.8008809	-1.68E-01	25005464	25005587	NC_000007.13
ch.21.36723363F	1.98E-11	1.24E-12	-7.6	17.7999978	-5.95E-02	37801493	37801616	NC_000021.8
cg23602829	1.98E-11	1.24E-12	-7.6	17.7992431	-4.97E-02	76757171	76757294	NC_000011.9
cg08067617	1.99E-11	1.24E-12	-7.6	17.7967734	-1.29E-01	16999641	16999764	NC_000019.9
cg01062113	1.99E-11	1.24E-12	-7.6	17.7943717	-1.23E-01	93865443	93865566	NC_000011.9
cg05255168	1.99E-11	1.25E-12	-7.59	17.7928628	-8.10E-02	1518657	1518780	NC_000016.9
cg12230983	2.00E-11	1.25E-12	-7.59	17.7920866	-1.65E-01	15439701	15439824	NC_000006.11
cg06172871	2.00E-11	1.25E-12	-7.59	17.7918022	-1.53E-01	72088244	72088367	NC_000016.9
cg22855405	2.00E-11	1.25E-12	-7.59	17.79141	-1.13E-01	32042037	32042160	NC_000001.10
cg12940993	2.00E-11	1.25E-12	-7.59	17.7913439	-1.15E-01	21271148	21271271	NC_000014.8
cg23650249	2.00E-11	1.25E-12	-7.59	17.7906565	-1.04E-01	1284764	1284887	NC_000019.9
cg11466094	2.00E-11	1.25E-12	-7.59	17.788929	-5.63E-02	89493389	89493512	NC_000014.8
cg04459086	2.00E-11	1.25E-12	-7.59	17.7878751	-1.05E-01	45429742	45429865	NC_000003.11
cg18724200	2.02E-11	1.26E-12	-7.59	17.7821436	-8.71E-02	105132022	105132145	NC_000014.8
cg03648631	2.02E-11	1.26E-12	-7.59	17.7800675	-6.06E-02	103749307	103749430	NC_000004.11
cg25473115	2.02E-11	1.26E-12	-7.59	17.7793727	-1.32E-01	65626919	65627042	NC_000003.11
cg24530660	2.02E-11	1.26E-12	-7.59	17.778375	-9.00E-02	204192481	204192604	NC_000002.11
cg16033299	2.03E-11	1.27E-12	-7.59	17.7768707	-7.66E-02	55918225	55918348	NC_000019.9
cg08005460	2.03E-11	1.27E-12	-7.59	17.7760214	-1.10E-01	38473382	38473505	NC_000017.10
cg05306029	2.03E-11	1.27E-12	-7.59	17.7755578	-1.70E-01	102117488	102117611	NC_000002.11

cg26730763	2.03E-11	1.27E-12	-7.59	17.7740315	-1.62E-01	28205389	28205512	NC_000016.9
cg16625119	2.03E-11	1.27E-12	-7.59	17.7736236	-1.56E-01	86653176	86653299	NC_000016.9
cg02900356	2.03E-11	1.27E-12	-7.59	17.7726425	-1.91E-01	31214494	31214617	NC_000016.9
cg15698299	2.03E-11	1.27E-12	-7.59	17.7723012	-1.26E-01	52233019	52233142	NC_000003.11
ch.6.51066775R	2.04E-11	1.27E-12	-7.59	17.7716786	-2.85E-02	50958816	50958939	NC_000006.11
cg17756730	2.04E-11	1.27E-12	-7.59	17.771564	-1.75E-01	172608644	172608767	NC_000001.10
cg13495381	2.04E-11	1.27E-12	-7.59	17.771294	-8.56E-02	124102444	124102567	NC_000010.10
cg19826026	2.04E-11	1.27E-12	-7.59	17.7710298	-1.56E-01	15114393	15114516	NC_000012.11
cg16163324	2.04E-11	1.28E-12	-7.59	17.769207	-5.51E-02	46712932	46713055	NC_000001.10
cg08864105	2.04E-11	1.28E-12	-7.59	17.7685013	-1.78E-01	111743020	111743143	NC_000001.10
cg09507761	2.05E-11	1.28E-12	-7.59	17.7663982	-1.96E-01	96152293	96152416	NC_000005.9
cg01348086	2.05E-11	1.28E-12	-7.59	17.7653054	-1.27E-01	176785296	176785419	NC_000005.9
cg04650653	2.05E-11	1.28E-12	-7.59	17.7649478	-1.68E-01	1890901	1891024	NC_000011.9
cg17055950	2.05E-11	1.28E-12	-7.59	17.763573	-5.33E-02	18161888	18162011	NC_000017.10
cg06136199	2.05E-11	1.28E-12	-7.59	17.762818	-2.16E-01	9597577	9597700	NC_000011.9
cg23276399	2.05E-11	1.28E-12	-7.59	17.7625861	-5.32E-02	102427771	102427894	NC_000014.8
cg02719508	2.05E-11	1.28E-12	-7.59	17.7622109	-9.45E-02	105445224	105445347	NC_000014.8
cg23526087	2.06E-11	1.29E-12	-7.59	17.7592829	-1.27E-01	68973466	68973589	NC_000014.8
cg12238593	2.06E-11	1.29E-12	-7.59	17.758374	-7.82E-02	26440340	26440463	NC_000006.11
cg13419087	2.06E-11	1.29E-12	-7.59	17.7581939	-1.42E-01	124907105	124907228	NC_000012.11
cg01494614	2.06E-11	1.29E-12	-7.59	17.757206	-6.68E-02	10562837	10562960	NC_000011.9
cg13004635	2.07E-11	1.29E-12	-7.59	17.7552931	-1.20E-01	498425	498548	NC_000005.9
cg11243251	2.07E-11	1.29E-12	-7.59	17.7552473	-2.51E-01	36209708	36209831	NC_000006.11
cg11505841	2.07E-11	1.30E-12	-7.59	17.7541592	-1.56E-01	19540576	19540699	NC_000008.10
cg19268017	2.07E-11	1.30E-12	-7.59	17.7519003	-9.24E-02	70060835	70060958	NC_000007.13

cg09778828	2.08E-11	1.30E-12	-7.59	17.7495008	-7.28E-02	132245624	132245747	NC_000009.11
cg03088958	2.08E-11	1.30E-12	-7.59	17.7494673	-1.50E-01	75232330	75232453	NC_000016.9
cg04411625	2.08E-11	1.30E-12	-7.59	17.7476025	-4.88E-02	105953462	105953585	NC_000014.8
cg01176538	2.08E-11	1.30E-12	-7.59	17.7471411	-4.21E-02	97405546	97405669	NC_000002.11
cg05869537	2.08E-11	1.31E-12	-7.59	17.7467053	-1.56E-01	43405547	43405670	NC_000018.9
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cg23659333	2.09E-11	1.31E-12	-7.59	17.7436764	-4.47E-02	12833292	12833415	NC_000019.9
cg11793783	2.09E-11	1.31E-12	-7.59	17.7436123	-1.41E-01	176103447	176103570	NC_000005.9
ch.9.1976398F	2.09E-11	1.31E-12	-7.59	17.7409323	-1.83E-02	125862548	125862671	NC_000009.11
cg15669092	2.10E-11	1.31E-12	-7.59	17.7396985	-3.49E-02	89989024	89989147	NC_000016.9
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cg26201213	2.10E-11	1.32E-12	-7.59	17.7369498	-1.12E-01	131265796	131265919	NC_000010.10
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cg06415906	2.11E-11	1.33E-12	-7.58	17.7313479	-4.02E-02	121944902	121945025	NC_000007.13
cg25944720	2.12E-11	1.33E-12	-7.58	17.7277052	-2.85E-02	106958640	106958763	NC_000006.11
cg07450210	2.13E-11	1.33E-12	-7.58	17.7257462	-2.04E-01	99880947	99881070	NC_000013.10
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cg16652769	2.13E-11	1.34E-12	-7.58	17.7223624	-5.94E-02	49242037	49242160	NC_000019.9
cg09887955	2.13E-11	1.34E-12	-7.58	17.7220496	-1.03E-01	202129854	202129977	NC_000001.10

cg04717143	2.13E-11	1.34E-12	-7.58	17.7217518	-1.59E-01	37555391	37555514	NC_000008.10
cg12562461	2.14E-11	1.34E-12	-7.58	17.7209119	-1.20E-01	62778131	62778254	NC_000017.10
cg15168816	2.14E-11	1.34E-12	-7.58	17.7196967	-1.10E-01	17282533	17282656	NC_000006.11
cg02364551	2.14E-11	1.34E-12	-7.58	17.7191952	-4.79E-02	48176118	48176241	NC_000001.10
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cg16153549	2.15E-11	1.35E-12	-7.58	17.7156153	-1.42E-01	3496821	3496944	NC_000002.11
cg24265280	2.15E-11	1.35E-12	-7.58	17.7145303	-4.12E-02	154832000	154832123	NC_000006.11
cg03752885	2.15E-11	1.35E-12	-7.58	17.7134134	-1.52E-01	3969736	3969859	NC_000019.9
cg25333602	2.15E-11	1.35E-12	-7.58	17.7128904	-9.22E-02	62778230	62778353	NC_000017.10
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cg08616943	2.15E-11	1.35E-12	-7.58	17.7116434	-1.32E-01	130552600	130552723	NC_000007.13
cg14078053	2.16E-11	1.36E-12	-7.58	17.7096219	-1.02E-01	227661656	227661779	NC_000002.11
cg25205375	2.16E-11	1.36E-12	-7.58	17.7081731	-5.23E-02	66093715	66093838	NC_000007.13
cg07271186	2.16E-11	1.36E-12	-7.58	17.7065209	-1.73E-01	142028043	142028166	NC_000007.13
cg05393509	2.17E-11	1.36E-12	-7.58	17.7054768	-5.66E-02	30294475	30294598	NC_000006.11
ch.8.24555156R	2.17E-11	1.36E-12	-7.58	17.7040266	-6.48E-02	24499266	24499389	NC_000008.10
cg02978297	2.18E-11	1.37E-12	-7.58	17.7000749	-1.07E-01	94057587	94057710	NC_000001.10
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cg02958014	2.18E-11	1.37E-12	-7.58	17.6999271	-1.63E-01	127206602	127206725	NC_000012.11
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cg19909117	2.18E-11	1.37E-12	-7.58	17.6968813	-1.69E-01	96219318	96219441	NC_000014.8
cg03801691	2.19E-11	1.37E-12	-7.58	17.6962573	-1.07E-01	11599816	11599939	NC_000003.11
cg18302460	2.19E-11	1.37E-12	-7.58	17.6961477	-1.01E-01	6902932	6903055	NC_000004.11
cg16274762	2.19E-11	1.38E-12	-7.58	17.6928067	-8.81E-02	1481779	1481902	NC_000011.9

cg23725986	2.20E-11	1.38E-12	-7.58	17.6913294	-8.59E-02	75938438	75938561	NC_000002.11
cg03111100	2.20E-11	1.38E-12	-7.58	17.6902848	-5.60E-02	14989983	14990106	NC_000003.11
cg08828868	2.20E-11	1.38E-12	-7.58	17.6900562	-5.53E-02	70715731	70715854	NC_000010.10
cg08555912	2.20E-11	1.38E-12	-7.58	17.6892636	-1.14E-01	674399	674522	NC_000004.11
cg23250019	2.20E-11	1.38E-12	-7.58	17.6885251	-1.41E-01	66138472	66138595	NC_000011.9
cg03278514	2.20E-11	1.39E-12	-7.58	17.6873036	-2.59E-01	70779346	70779469	NC_000015.9
cg06276429	2.21E-11	1.39E-12	-7.58	17.6857466	-6.06E-02	33167798	33167921	NC_000006.11
cg02400474	2.21E-11	1.39E-12	-7.58	17.6839366	-1.65E-01	58842213	58842336	NC_000019.9
cg15028052	2.21E-11	1.39E-12	-7.58	17.6834609	-1.86E-02	62588587	62588710	NC_000020.10
cg05122950	2.22E-11	1.39E-12	-7.58	17.6821297	-1.10E-01	105254488	105254611	NC_000010.10
cg22725830	2.22E-11	1.39E-12	-7.58	17.6821119	-1.69E-01	112075959	112076082	NC_000013.10
cg03469682	2.22E-11	1.39E-12	-7.58	17.6817721	-1.83E-01	100889156	100889279	NC_000003.11
cg14685946	2.22E-11	1.40E-12	-7.58	17.680783	-1.46E-01	223784609	223784732	NC_000002.11
cg19746873	2.22E-11	1.40E-12	-7.58	17.6807303	-1.28E-01	153601349	153601472	NC_000004.11
cg01213342	2.23E-11	1.40E-12	-7.58	17.6773587	-1.26E-01	66121172	66121295	NC_000007.13
cg09370867	2.23E-11	1.40E-12	-7.57	17.6765389	-1.35E-01	27961680	27961803	NC_000001.10
cg20623503	2.23E-11	1.40E-12	-7.57	17.676471	-1.82E-01	78152219	78152342	NC_000017.10
cg19062108	2.23E-11	1.40E-12	-7.57	17.6764418	-1.30E-01	57630834	57630957	NC_000012.11
cg25139649	2.23E-11	1.40E-12	-7.57	17.6763712	-1.82E-01	2165579	2165702	NC_000001.10
cg27060912	2.23E-11	1.40E-12	-7.57	17.6745942	-7.08E-02	6517005	6517128	NC_000019.9
cg11303561	2.23E-11	1.40E-12	-7.57	17.6744354	-6.06E-02	1206399	1206522	NC_000019.9
cg14503815	2.23E-11	1.40E-12	-7.57	17.6743095	-1.54E-01	96674333	96674456	NC_000009.11
cg13112524	2.23E-11	1.41E-12	-7.57	17.6736259	-1.33E-01	1983102	1983225	NC_000004.11
cg03995457	2.24E-11	1.41E-12	-7.57	17.6726375	-1.76E-01	52596676	52596799	NC_000016.9
cg02043994	2.24E-11	1.41E-12	-7.57	17.6719294	-7.68E-02	15244878	15245001	NC_000006.11

ch.12.50831229F	2.24E-11	1.41E-12	-7.57	17.6701675	-9.77E-02	52544962	52545085	NC_000012.11
cg14851544	2.24E-11	1.41E-12	-7.57	17.6693694	-1.39E-01	102438734	102438857	NC_000014.8
cg27138194	2.24E-11	1.41E-12	-7.57	17.6690407	-5.94E-02	139477959	139478082	NC_000007.13
cg11224334	2.25E-11	1.41E-12	-7.57	17.6673605	-7.29E-02	53030489	53030612	NC_000019.9
cg08992366	2.25E-11	1.42E-12	-7.57	17.6669911	-5.59E-02	22292943	22293066	NC_000010.10
cg01717649	2.25E-11	1.42E-12	-7.57	17.666308	-1.11E-01	66821665	66821788	NC_000011.9
cg03822754	2.25E-11	1.42E-12	-7.57	17.6662396	-3.93E-02	85201913	85202036	NC_000015.9
cg00965121	2.25E-11	1.42E-12	-7.57	17.6650281	-5.17E-02	3689519	3689642	NC_000001.10
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cg14571813	2.25E-11	1.42E-12	-7.57	17.6641123	-7.72E-02	129062831	129062954	NC_000003.11
cg16270885	2.25E-11	1.42E-12	-7.57	17.6639056	-1.65E-01	48130197	48130320	NC_000007.13
cg07284286	2.26E-11	1.42E-12	-7.57	17.6621743	-5.83E-02	58662935	58663058	NC_000016.9
cg04232128	2.26E-11	1.42E-12	-7.57	17.6616733	-1.55E-01	138861241	138861364	NC_000005.9
cg17821168	2.26E-11	1.43E-12	-7.57	17.6595543	-7.02E-02	127175050	127175173	NC_000003.11
cg21927975	2.27E-11	1.43E-12	-7.57	17.6577541	-4.95E-02	6320757	6320880	NC_000001.10
cg19648552	2.27E-11	1.43E-12	-7.57	17.6570498	-1.38E-01	56200391	56200514	NC_000019.9
cg09168153	2.27E-11	1.43E-12	-7.57	17.6539856	-1.06E-01	110779117	110779240	NC_000013.10
cg10533277	2.28E-11	1.44E-12	-7.57	17.6521857	-1.65E-01	176739312	176739435	NC_000005.9
cg07479843	2.29E-11	1.44E-12	-7.57	17.6493238	-1.50E-01	3276687	3276810	NC_000001.10
cg23787321	2.29E-11	1.44E-12	-7.57	17.6489811	-8.08E-02	43385844	43385967	NC_000002.11
cg16944092	2.29E-11	1.44E-12	-7.57	17.648969	-2.65E-02	57634555	57634678	NC_000012.11
cg25440811	2.29E-11	1.45E-12	-7.57	17.6453904	-1.39E-01	149535765	149535888	NC_000005.9
cg14781394	2.29E-11	1.45E-12	-7.57	17.6450811	-8.22E-02	16441457	16441580	NC_000019.9
cg04512704	2.30E-11	1.45E-12	-7.57	17.6435083	-4.67E-02	54694060	54694183	NC_000019.9
cg20441130	2.30E-11	1.45E-12	-7.57	17.6430439	-1.39E-01	834565	834688	NC_000007.13

cg13337740	2.30E-11	1.45E-12	-7.57	17.6411576	-1.33E-01	33446298	33446421	NC_000017.10
cg24967096	2.30E-11	1.45E-12	-7.57	17.6401834	-1.92E-01	30652237	30652360	NC_000006.11
cg06452558	2.31E-11	1.46E-12	-7.57	17.639148	-1.54E-01	1401887	1402010	NC_000008.10
cg16317734	2.32E-11	1.46E-12	-7.57	17.6340519	-6.31E-02	94822598	94822721	NC_000011.9
cg25666919	2.32E-11	1.47E-12	-7.57	17.632645	-1.25E-01	102074615	102074738	NC_000007.13
ch.2.229228416R	2.33E-11	1.47E-12	-7.57	17.6300856	-7.52E-02	229520172	229520295	NC_000002.11
cg24361808	2.33E-11	1.47E-12	-7.57	17.6294492	-1.30E-01	46477834	46477957	NC_000022.10
cg16668903	2.33E-11	1.47E-12	-7.57	17.6292459	-1.48E-01	122206322	122206445	NC_000005.9
cg23747342	2.33E-11	1.47E-12	-7.57	17.6274429	-1.42E-02	25539794	25539917	NC_000012.11
cg20241952	2.33E-11	1.47E-12	-7.57	17.627262	-7.43E-02	77752713	77752836	NC_000017.10
cg15663074	2.33E-11	1.47E-12	-7.57	17.626862	-1.24E-01	134582868	134582991	NC_000005.9
cg17411135	2.33E-11	1.47E-12	-7.57	17.6265499	-1.04E-01	55092375	55092498	NC_000004.11
cg07791418	2.34E-11	1.48E-12	-7.57	17.6259672	-1.19E-01	35272095	35272218	NC_000001.10
ch.16.1562336F	2.34E-11	1.48E-12	-7.57	17.6248847	-4.06E-02	70172531	70172654	NC_000016.9
cg09476611	2.34E-11	1.48E-12	-7.57	17.6244048	-1.05E-01	76639212	76639335	NC_000015.9
cg08213444	2.34E-11	1.48E-12	-7.57	17.6241304	-5.19E-02	784871	784994	NC_000005.9
cg26236329	2.34E-11	1.48E-12	-7.57	17.6236648	-1.68E-01	57200325	57200448	NC_000011.9
cg03238359	2.34E-11	1.48E-12	-7.57	17.6233302	-6.03E-02	60623567	60623690	NC_000011.9
cg23403864	2.35E-11	1.49E-12	-7.57	17.6186934	-3.60E-02	9770130	9770253	NC_000002.11
cg06613840	2.35E-11	1.49E-12	-7.56	17.6181817	-8.08E-02	49395574	49395697	NC_000003.11
cg11175476	2.35E-11	1.49E-12	-7.56	17.6180051	-7.53E-02	12419201	12419324	NC_000012.11
cg10529845	2.35E-11	1.49E-12	-7.56	17.6179771	-1.40E-01	49522337	49522460	NC_000016.9
cg05262335	2.35E-11	1.49E-12	-7.56	17.6176813	-1.86E-01	159466062	159466185	NC_000006.11
cg04494791	2.36E-11	1.49E-12	-7.56	17.6161725	-1.23E-01	70196247	70196370	NC_000016.9
cg24416232	2.36E-11	1.49E-12	-7.56	17.6152413	-1.31E-01	134405482	134405605	NC_000010.10



cg21963535	2.36E-11	1.49E-12	-7.56	17.6144134	-4.28E-02	44098285	44098408	NC_000020.10
cg19598685	2.36E-11	1.49E-12	-7.56	17.6131463	-7.49E-02	109592525	109592648	NC_000012.11
cg24794881	2.37E-11	1.50E-12	-7.56	17.6095749	-9.24E-02	73699244	73699367	NC_000007.13
cg07160118	2.38E-11	1.50E-12	-7.56	17.60793	-2.88E-02	33282418	33282541	NC_000006.11
cg19988367	2.38E-11	1.50E-12	-7.56	17.6072085	-1.21E-01	21808465	21808588	NC_000006.11
cg08080396	2.38E-11	1.50E-12	-7.56	17.6071635	-1.55E-01	11102832	11102955	NC_000003.11
cg14628914	2.38E-11	1.51E-12	-7.56	17.6063003	-1.24E-01	24659344	24659467	NC_000006.11
cg15991309	2.38E-11	1.51E-12	-7.56	17.6048701	-1.18E-01	80291688	80291811	NC_000017.10
cg02643667	2.38E-11	1.51E-12	-7.56	17.6045514	-1.65E-01	43786699	43786822	NC_000021.8
cg17500754	2.38E-11	1.51E-12	-7.56	17.6041152	-5.61E-02	1581635	1581758	NC_000004.11
ch.2.7317635R	2.39E-11	1.51E-12	-7.56	17.602286	-1.88E-02	7400184	7400307	NC_000002.11
ch.10.983355R	2.39E-11	1.51E-12	-7.56	17.601254	-4.91E-02	43130566	43130689	NC_000010.10
cg09508189	2.40E-11	1.52E-12	-7.56	17.5981387	-1.16E-01	34161049	34161172	NC_000011.9
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cg19385725	2.41E-11	1.52E-12	-7.56	17.5939206	-6.23E-02	21166173	21166296	NC_000018.9
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cg00575135	2.41E-11	1.53E-12	-7.56	17.5919572	-1.01E-01	2174255	2174378	NC_000016.9
cg04941127	2.41E-11	1.53E-12	-7.56	17.591798	-7.14E-02	8892760	8892883	NC_000011.9
cg26686415	2.41E-11	1.53E-12	-7.56	17.5910407	-4.15E-02	32996816	32996939	NC_000007.13
cg08291506	2.42E-11	1.53E-12	-7.56	17.5892361	-1.12E-01	89525620	89525743	NC_000015.9
cg24968629	2.42E-11	1.53E-12	-7.56	17.5890502	-2.43E-01	46770644	46770767	NC_000022.10
cg20011983	2.42E-11	1.53E-12	-7.56	17.5875348	-1.10E-01	74347215	74347338	NC_000002.11
cg12476044	2.42E-11	1.53E-12	-7.56	17.5871233	-1.69E-01	38403758	38403881	NC_000005.9
cg13823919	2.43E-11	1.54E-12	-7.56	17.5841064	-1.91E-01	132436239	132436362	NC_000007.13

cg10108710	2.43E-11	1.54E-12	-7.56	17.5826391	-1.54E-01	90990086	90990209	NC_000014.8
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cg15425827	2.45E-11	1.55E-12	-7.56	17.5769268	-1.03E-01	124194965	124195088	NC_000008.10
cg18393722	2.45E-11	1.55E-12	-7.56	17.5760179	-8.43E-02	85113863	85113986	NC_000015.9
cg19403339	2.45E-11	1.55E-12	-7.56	17.5744043	-7.27E-02	183580841	183580964	NC_000002.11
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cg11500660	2.46E-11	1.56E-12	-7.56	17.572044	-8.27E-02	44036692	44036815	NC_000021.8
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cg25101327	2.47E-11	1.57E-12	-7.56	17.5658227	-5.13E-02	119981142	119981265	NC_000002.11
cg13909669	2.47E-11	1.57E-12	-7.56	17.565422	-5.36E-02	231901948	231902071	NC_000002.11
cg04105453	2.47E-11	1.57E-12	-7.56	17.5652903	-4.70E-02	27440337	27440460	NC_000002.11
cg19186356	2.48E-11	1.57E-12	-7.56	17.5635561	-8.90E-02	112204327	112204450	NC_000012.11
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cg00805360	2.48E-11	1.58E-12	-7.56	17.5608623	-1.34E-01	135091210	135091333	NC_000010.10
cg17693865	2.49E-11	1.58E-12	-7.56	17.560369	-3.48E-02	41698814	41698937	NC_000019.9
cg03246914	2.49E-11	1.58E-12	-7.56	17.5602783	-1.79E-01	57596113	57596236	NC_000020.10
cg11540001	2.49E-11	1.58E-12	-7.55	17.5581125	-4.11E-02	27115116	27115239	NC_000006.11
cg02927821	2.50E-11	1.58E-12	-7.55	17.5556256	-1.88E-01	39216677	39216800	NC_000017.10
ch.2.1222844F	2.50E-11	1.59E-12	-7.55	17.5534546	-4.38E-02	52109852	52109975	NC_000002.11
cg10219789	2.51E-11	1.59E-12	-7.55	17.5521494	-1.15E-01	2092526	2092649	NC_000001.10
cg23725454	2.51E-11	1.59E-12	-7.55	17.5519617	-1.17E-01	67350195	67350318	NC_000011.9

cg26306329	2.51E-11	1.59E-12	-7.55	17.5516694	-1.40E-01	124400196	124400319	NC_000004.11
cg14960043	2.51E-11	1.59E-12	-7.55	17.5501799	-1.00E-01	35265624	35265747	NC_000006.11
cg18370200	2.51E-11	1.60E-12	-7.55	17.5485559	-7.17E-02	33267248	33267371	NC_000006.11
cg15016481	2.52E-11	1.60E-12	-7.55	17.5462011	-1.73E-01	238639819	238639942	NC_000002.11
cg24079038	2.53E-11	1.60E-12	-7.55	17.5440284	-1.32E-01	2465279	2465402	NC_000011.9
ch.2.42601115R	2.53E-11	1.60E-12	-7.55	17.5430196	-4.26E-02	42747611	42747734	NC_000002.11
cg06722282	2.53E-11	1.61E-12	-7.55	17.5425392	-1.31E-01	105212680	105212803	NC_000010.10
cg23269029	2.53E-11	1.61E-12	-7.55	17.5418255	-6.14E-02	117037408	117037531	NC_000012.11
cg21208539	2.53E-11	1.61E-12	-7.55	17.5401143	-1.71E-01	93864142	93864265	NC_000011.9
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cg14457132	2.56E-11	1.62E-12	-7.55	17.5317892	-5.15E-02	7389888	7390011	NC_000006.11
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cg19994779	2.56E-11	1.63E-12	-7.55	17.5304113	-1.29E-01	105482622	105482745	NC_000014.8
cg09580336	2.56E-11	1.63E-12	-7.55	17.5298531	-1.00E-01	116915122	116915245	NC_000001.10
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cg21832142	2.57E-11	1.63E-12	-7.55	17.5268141	-1.51E-01	160334793	160334916	NC_000003.11
cg22475071	2.57E-11	1.64E-12	-7.55	17.5245247	-1.51E-01	64338594	64338717	NC_000003.11
cg06573604	2.57E-11	1.64E-12	-7.55	17.524507	-1.70E-01	160760825	160760948	NC_000002.11
cg22389270	2.57E-11	1.64E-12	-7.55	17.5242776	-7.38E-02	101162769	101162892	NC_000008.10
cg14565465	2.57E-11	1.64E-12	-7.55	17.5241859	-1.69E-01	74298933	74299056	NC_000009.11
cg10853533	2.57E-11	1.64E-12	-7.55	17.5240253	-1.08E-01	50716505	50716628	NC_000022.10

cg04895475	2.58E-11	1.64E-12	-7.55	17.5231545	-1.23E-01	160364127	160364250	NC_000006.11
cg10366786	2.58E-11	1.64E-12	-7.55	17.5229845	-1.25E-01	53578129	53578252	NC_000004.11
cg21519058	2.58E-11	1.64E-12	-7.55	17.5223449	-1.49E-01	76404601	76404724	NC_000012.11
cg21068293	2.58E-11	1.64E-12	-7.55	17.5219445	-1.24E-01	74496576	74496699	NC_000015.9
cg13521045	2.58E-11	1.64E-12	-7.55	17.5204719	-1.21E-01	139231283	139231406	NC_000009.11
cg16485482	2.59E-11	1.65E-12	-7.55	17.5184645	-8.87E-02	56362574	56362697	NC_000008.10
ch.1.4798357R	2.59E-11	1.65E-12	-7.55	17.5172753	-4.85E-02	241340019	241340142	NC_000001.10
cg01249187	2.59E-11	1.65E-12	-7.55	17.5169967	-1.30E-01	1204617	1204740	NC_000016.9
cg11935459	2.59E-11	1.65E-12	-7.55	17.5169876	-8.12E-02	49563246	49563369	NC_000015.9
cg16983541	2.59E-11	1.65E-12	-7.55	17.5161902	-9.71E-02	52231347	52231470	NC_000003.11
cg14839932	2.59E-11	1.65E-12	-7.55	17.5161428	-4.87E-02	43139162	43139285	NC_000006.11
cg11569478	2.59E-11	1.65E-12	-7.55	17.5154237	-1.35E-01	119910700	119910823	NC_000004.11
cg18151345	2.60E-11	1.65E-12	-7.55	17.5136214	-1.51E-01	60720229	60720352	NC_000011.9
cg08011119	2.60E-11	1.65E-12	-7.55	17.5134825	-7.87E-02	119913996	119914119	NC_000002.11
cg21789849	2.60E-11	1.65E-12	-7.55	17.5127941	-6.81E-02	107809536	107809659	NC_000003.11
cg06595693	2.61E-11	1.66E-12	-7.55	17.5094167	-7.12E-02	40649989	40650112	NC_000015.9
cg12019893	2.61E-11	1.66E-12	-7.55	17.5083547	-1.42E-01	42950090	42950213	NC_000003.11
cg16922810	2.61E-11	1.66E-12	-7.55	17.5081041	-6.31E-02	143696531	143696654	NC_000008.10
cg23029021	2.62E-11	1.67E-12	-7.55	17.5042085	-2.13E-01	414951	415074	NC_000011.9
cg19681528	2.62E-11	1.67E-12	-7.55	17.5040358	-6.52E-02	69644405	69644528	NC_000010.10
cg17024257	2.62E-11	1.67E-12	-7.55	17.5034066	-1.69E-01	171528758	171528881	NC_000003.11
cg17979952	2.63E-11	1.67E-12	-7.55	17.5028638	-4.42E-02	117803953	117804076	NC_000006.11
cg13809915	2.63E-11	1.67E-12	-7.55	17.5026901	-1.55E-01	158789111	158789234	NC_000002.11
cg11370814	2.63E-11	1.67E-12	-7.55	17.5016511	-1.70E-01	242927418	242927541	NC_000002.11
cg14403090	2.63E-11	1.67E-12	-7.55	17.5015777	-1.80E-01	105573866	105573989	NC_000007.13

cg13396246	2.63E-11	1.67E-12	-7.54	17.5011935	-7.11E-02	54619133	54619256	NC_000019.9
cg07871059	2.64E-11	1.68E-12	-7.54	17.4979892	-1.22E-01	67516493	67516616	NC_000016.9
cg12197656	2.64E-11	1.68E-12	-7.54	17.4978379	-5.50E-02	85108351	85108474	NC_000002.11
cg27405644	2.64E-11	1.68E-12	-7.54	17.4952606	-1.89E-02	40834479	40834602	NC_000017.10
ch.1.4505949F	2.65E-11	1.69E-12	-7.54	17.4949699	-4.24E-02	229598574	229598697	NC_000001.10
cg21686171	2.65E-11	1.69E-12	-7.54	17.4946077	-1.04E-01	9504429	9504552	NC_000001.10
cg10130860	2.65E-11	1.69E-12	-7.54	17.4922362	-5.50E-02	43124230	43124353	NC_000001.10
cg18917486	2.65E-11	1.69E-12	-7.54	17.4921284	-1.20E-01	74093431	74093554	NC_000015.9
cg05475172	2.65E-11	1.69E-12	-7.54	17.4913622	-1.57E-01	46371152	46371275	NC_000022.10
cg15202848	2.66E-11	1.69E-12	-7.54	17.4909555	-1.71E-01	64618819	64618942	NC_000011.9
cg18062064	2.66E-11	1.69E-12	-7.54	17.4908651	-9.27E-02	35504553	35504676	NC_000020.10
cg03320492	2.66E-11	1.69E-12	-7.54	17.4898049	-1.93E-01	45187810	45187933	NC_000001.10
cg11073255	2.66E-11	1.70E-12	-7.54	17.489071	-8.88E-02	31762455	31762578	NC_000006.11
cg09619786	2.66E-11	1.70E-12	-7.54	17.4880192	-4.82E-02	75249914	75250037	NC_000015.9
cg19071035	2.67E-11	1.70E-12	-7.54	17.4841679	-2.37E-02	20404090	20404213	NC_000006.11
cg02057783	2.68E-11	1.71E-12	-7.54	17.4825843	-5.13E-02	38278486	38278609	NC_000017.10
cg21064451	2.68E-11	1.71E-12	-7.54	17.4816943	-1.16E-01	38071534	38071657	NC_000022.10
cg02644610	2.68E-11	1.71E-12	-7.54	17.4814562	-6.68E-02	14646258	14646381	NC_000010.10
cg26665516	2.68E-11	1.71E-12	-7.54	17.4810731	-1.60E-01	134760038	134760161	NC_000002.11
cg14638662	2.68E-11	1.71E-12	-7.54	17.4805998	-1.14E-01	73033177	73033300	NC_000017.10
cg13861219	2.68E-11	1.71E-12	-7.54	17.4796264	-1.11E-01	3228943	3229066	NC_000006.11
cg02169981	2.69E-11	1.71E-12	-7.54	17.4791107	-1.43E-01	75905917	75906040	NC_000011.9
cg10858677	2.69E-11	1.71E-12	-7.54	17.4789857	-1.30E-01	49356663	49356786	NC_000015.9
cg06602545	2.69E-11	1.72E-12	-7.54	17.4765481	-1.64E-01	85120870	85120993	NC_000016.9
cg14663208	2.70E-11	1.72E-12	-7.54	17.4750693	-1.67E-01	42367407	42367530	NC_000001.10

cg00324693	2.70E-11	1.73E-12	-7.54	17.4716519	-4.46E-02	2821357	2821480	NC_000020.10
cg26943189	2.71E-11	1.73E-12	-7.54	17.4691465	-9.54E-02	3002278	3002401	NC_000006.11
cg16413675	2.72E-11	1.74E-12	-7.54	17.4659839	-1.17E-01	2520055	2520178	NC_000016.9
cg01655781	2.72E-11	1.74E-12	-7.54	17.4656307	-3.77E-02	102513797	102513920	NC_000012.11
cg19642408	2.73E-11	1.74E-12	-7.54	17.4621661	-1.38E-01	9894335	9894458	NC_000002.11
cg25015662	2.73E-11	1.74E-12	-7.54	17.4621397	-6.74E-02	34742333	34742456	NC_000020.10
cg25895490	2.73E-11	1.75E-12	-7.54	17.4603578	-1.14E-01	99146745	99146868	NC_000012.11
cg10907866	2.73E-11	1.75E-12	-7.54	17.4601179	-1.94E-01	42190778	42190901	NC_000003.11
cg10831391	2.74E-11	1.75E-12	-7.54	17.4575044	-6.80E-02	3109765	3109888	NC_000010.10
cg17574958	2.74E-11	1.75E-12	-7.54	17.4574163	-1.19E-01	137718043	137718166	NC_000003.11
cg12349030	2.75E-11	1.75E-12	-7.54	17.4552492	-4.36E-02	3818695	3818818	NC_000011.9
cg11342106	2.75E-11	1.76E-12	-7.54	17.4524751	-1.36E-01	73020351	73020474	NC_000011.9
cg10589330	2.75E-11	1.76E-12	-7.54	17.4521711	-1.71E-01	60383523	60383646	NC_000015.9
cg10482356	2.76E-11	1.76E-12	-7.54	17.4494289	-1.38E-01	56328421	56328544	NC_000016.9
cg01036779	2.76E-11	1.77E-12	-7.54	17.4493494	-7.04E-02	6768251	6768374	NC_000019.9
cg01340542	2.76E-11	1.77E-12	-7.54	17.4493172	-3.18E-02	65468273	65468396	NC_000001.10
cg00926502	2.77E-11	1.77E-12	-7.54	17.4483122	-4.29E-02	103451549	103451672	NC_000013.10
cg26985711	2.77E-11	1.77E-12	-7.54	17.4478701	-1.08E-01	91572276	91572399	NC_000012.11
cg06305048	2.77E-11	1.77E-12	-7.54	17.4477856	-6.85E-02	53466199	53466322	NC_000019.9
cg17820025	2.77E-11	1.77E-12	-7.54	17.4461441	-1.29E-01	36152813	36152936	NC_000020.10
cg07020001	2.77E-11	1.77E-12	-7.54	17.4460582	-1.50E-01	122019031	122019154	NC_000012.11
ch.6.1239582F	2.77E-11	1.77E-12	-7.54	17.4447013	-4.03E-02	52412686	52412809	NC_000006.11
cg05707844	2.77E-11	1.77E-12	-7.54	17.4445303	-7.60E-02	37383994	37384117	NC_000002.11
cg22524514	2.78E-11	1.78E-12	-7.54	17.4438059	-8.33E-02	65779676	65779799	NC_000011.9
cg22874802	2.78E-11	1.78E-12	-7.54	17.4431064	-1.45E-01	16477614	16477737	NC_000001.10

cg15434337	2.78E-11	1.78E-12	-7.54	17.4427324	-3.53E-02	155164363	155164486	NC_000001.10
cg09350411	2.78E-11	1.78E-12	-7.53	17.4424602	-1.86E-01	157667935	157668058	NC_000007.13
cg18095109	2.78E-11	1.78E-12	-7.53	17.4424452	-4.00E-02	29720427	29720550	NC_000006.11
cg02747253	2.78E-11	1.78E-12	-7.53	17.4421557	-1.73E-01	105662805	105662928	NC_000014.8
cg18502397	2.78E-11	1.78E-12	-7.53	17.440982	-1.21E-01	45798436	45798559	NC_000006.11
cg19649172	2.78E-11	1.78E-12	-7.53	17.4407416	-1.52E-01	134499266	134499389	NC_000010.10
cg16657448	2.78E-11	1.78E-12	-7.53	17.4405645	-2.22E-02	47902371	47902494	NC_000001.10
cg14158573	2.78E-11	1.78E-12	-7.53	17.4404784	-6.40E-02	17549682	17549805	NC_000020.10
cg12131620	2.79E-11	1.79E-12	-7.53	17.4368739	-1.54E-01	3188985	3189108	NC_000019.9
cg25581932	2.80E-11	1.79E-12	-7.53	17.436543	-7.31E-02	7892150	7892273	NC_000017.10
cg16788286	2.80E-11	1.79E-12	-7.53	17.4355376	-2.12E-01	142216031	142216154	NC_000008.10
cg17827328	2.80E-11	1.79E-12	-7.53	17.4352509	-1.73E-01	36817299	36817422	NC_000001.10
cg11963365	2.80E-11	1.79E-12	-7.53	17.4329988	-1.70E-01	141320784	141320907	NC_000005.9
cg24809407	2.81E-11	1.80E-12	-7.53	17.4325273	-7.38E-02	27274919	27275042	NC_000007.13
cg25392995	2.81E-11	1.80E-12	-7.53	17.4319716	-1.50E-01	50625926	50626049	NC_000022.10
cg03941745	2.81E-11	1.80E-12	-7.53	17.4296179	-1.50E-01	30442009	30442132	NC_000016.9
ch.1.1337107R	2.82E-11	1.81E-12	-7.53	17.42654	-2.87E-02	43307123	43307246	NC_000001.10
cg20265043	2.84E-11	1.82E-12	-7.53	17.4218098	-1.30E-01	23510089	23510212	NC_000007.13
cg22929787	2.84E-11	1.82E-12	-7.53	17.4211343	-1.50E-01	141737266	141737389	NC_000005.9
cg17046322	2.84E-11	1.82E-12	-7.53	17.4194446	-7.57E-02	44972791	44972914	NC_000011.9
cg01142596	2.84E-11	1.82E-12	-7.53	17.4191814	-6.21E-02	68680250	68680373	NC_000016.9
cg06818307	2.84E-11	1.82E-12	-7.53	17.4183089	-1.09E-01	6750782	6750905	NC_000020.10
cg16790560	2.85E-11	1.82E-12	-7.53	17.4174657	-1.19E-01	1223782	1223905	NC_000011.9
cg06686709	2.85E-11	1.82E-12	-7.53	17.416877	-1.23E-01	152830614	152830737	NC_000002.11
cg07359183	2.85E-11	1.82E-12	-7.53	17.4167591	-1.57E-01	208358018	208358141	NC_000001.10

ch.3.3938922F	2.86E-11	1.83E-12	-7.53	17.4129566	-4.02E-02	197558925	197559048	NC_000003.11
cg11470941	2.87E-11	1.84E-12	-7.53	17.4104873	-1.86E-01	174042502	174042625	NC_000004.11
cg00162969	2.87E-11	1.84E-12	-7.53	17.408958	-1.14E-01	132933532	132933655	NC_000012.11
cg06058699	2.88E-11	1.84E-12	-7.53	17.4061873	-1.28E-01	111300711	111300834	NC_000003.11
cg22726373	2.88E-11	1.84E-12	-7.53	17.4057858	-1.55E-01	79048467	79048590	NC_000015.9
cg04732357	2.88E-11	1.85E-12	-7.53	17.4045235	-6.66E-02	96658324	96658447	NC_000002.11
cg25985103	2.89E-11	1.85E-12	-7.53	17.4035883	-4.91E-02	75660389	75660512	NC_000015.9
cg15510593	2.89E-11	1.85E-12	-7.53	17.4010496	-3.17E-02	67955960	67956083	NC_000018.9
cg22779330	2.89E-11	1.85E-12	-7.53	17.4008627	-1.48E-01	69061911	69062034	NC_000011.9
cg17454592	2.90E-11	1.86E-12	-7.53	17.3995754	-1.05E-01	33360353	33360476	NC_000015.9
cg03928812	2.90E-11	1.86E-12	-7.53	17.3987051	-1.63E-01	59634276	59634399	NC_000011.9
cg07961479	2.90E-11	1.86E-12	-7.53	17.398694	-9.96E-02	159825173	159825296	NC_000001.10
cg09157272	2.90E-11	1.86E-12	-7.53	17.3982938	-1.23E-01	72460750	72460873	NC_000015.9
cg24155427	2.90E-11	1.86E-12	-7.53	17.3967368	-1.15E-01	31242051	31242174	NC_000001.10
cg02335909	2.90E-11	1.86E-12	-7.53	17.3965554	-1.32E-01	85743628	85743751	NC_000010.10
cg26069719	2.91E-11	1.86E-12	-7.53	17.3957634	-1.43E-01	51716108	51716231	NC_000003.11
cg06273763	2.91E-11	1.87E-12	-7.53	17.3939261	-5.85E-02	59664907	59665030	NC_000015.9
cg15347788	2.91E-11	1.87E-12	-7.53	17.3936603	-1.50E-01	74172098	74172221	NC_000018.9
cg25608949	2.91E-11	1.87E-12	-7.53	17.3931978	-1.44E-01	43816355	43816478	NC_000021.8
cg09932730	2.92E-11	1.87E-12	-7.53	17.392126	-9.98E-02	135198360	135198483	NC_000007.13
cg17281677	2.92E-11	1.87E-12	-7.53	17.3918096	-9.94E-02	6658557	6658680	NC_000012.11
cg06113298	2.92E-11	1.87E-12	-7.53	17.3917525	-1.31E-01	21532834	21532957	NC_000016.9
cg22828900	2.92E-11	1.87E-12	-7.53	17.3906592	-4.74E-02	96184787	96184910	NC_000012.11
cg05998333	2.92E-11	1.88E-12	-7.53	17.3897942	-1.44E-01	54246879	54247002	NC_000010.10
cg10065530	2.93E-11	1.88E-12	-7.53	17.3886669	-1.33E-01	3800567	3800690	NC_000020.10



cg02330683	2.93E-11	1.88E-12	-7.53	17.3876042	-1.69E-01	41787940	41788063	NC_000015.9
cg19881557	2.93E-11	1.88E-12	-7.53	17.3869671	-1.27E-01	20967426	20967549	NC_000014.8
cg05380003	2.93E-11	1.88E-12	-7.53	17.3857269	-1.34E-01	175842222	175842345	NC_000005.9
cg19245296	2.94E-11	1.89E-12	-7.52	17.3829924	-6.20E-02	10015646	10015769	NC_000020.10
cg01275297	2.94E-11	1.89E-12	-7.52	17.3826412	-5.97E-02	35201324	35201447	NC_000020.10
cg00959334	2.94E-11	1.89E-12	-7.52	17.3825089	-6.88E-02	21823558	21823681	NC_000022.10
cg07504977	2.95E-11	1.89E-12	-7.52	17.3811349	-1.20E-01	102131012	102131135	NC_000010.10
cg00067814	2.95E-11	1.89E-12	-7.52	17.3804125	-5.85E-02	134896357	134896480	NC_000007.13
ch.2.4636382R	2.95E-11	1.89E-12	-7.52	17.3798619	-2.41E-02	232032866	232032989	NC_000002.11
cg04881103	2.95E-11	1.90E-12	-7.52	17.3791848	-1.77E-01	32410413	32410536	NC_000001.10
cg01786048	2.96E-11	1.90E-12	-7.52	17.3779878	-2.29E-01	239035964	239036087	NC_000002.11
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cg15761609	2.96E-11	1.90E-12	-7.52	17.3749343	-1.49E-01	66598067	66598190	NC_000017.10
cg15936999	2.97E-11	1.91E-12	-7.52	17.3734993	-1.01E-01	73840853	73840976	NC_000017.10
cg21879320	2.97E-11	1.91E-12	-7.52	17.3720577	-7.31E-02	185125698	185125821	NC_000001.10
cg23965429	2.97E-11	1.91E-12	-7.52	17.3714732	-4.10E-02	99740998	99741121	NC_000014.8
cg23167287	2.98E-11	1.91E-12	-7.52	17.3710698	-1.31E-01	230139541	230139664	NC_000002.11
cg13496324	2.98E-11	1.91E-12	-7.52	17.3709709	-4.54E-02	90893736	90893859	NC_000007.13
cg18068487	2.98E-11	1.91E-12	-7.52	17.3707864	-6.04E-02	150778340	150778463	NC_000007.13
cg22076160	2.98E-11	1.91E-12	-7.52	17.3702122	-1.67E-01	235805690	235805813	NC_000001.10
cg26321969	2.98E-11	1.91E-12	-7.52	17.3692228	-5.07E-02	118799402	118799525	NC_000011.9
cg03786920	2.98E-11	1.92E-12	-7.52	17.3689929	-1.04E-01	2113886	2114009	NC_000020.10
ch.1.2890724F	2.98E-11	1.92E-12	-7.52	17.368538	-4.20E-02	150315420	150315543	NC_000001.10
cg13018448	2.98E-11	1.92E-12	-7.52	17.3681783	-6.01E-02	33385440	33385563	NC_000006.11
cg02340063	2.98E-11	1.92E-12	-7.52	17.3679595	-6.48E-02	37009328	37009451	NC_000017.10

cg16124975	2.99E-11	1.92E-12	-7.52	17.3669028	-2.22E-01	79938941	79939064	NC_000017.10
cg06655560	3.00E-11	1.93E-12	-7.52	17.3630845	-6.82E-02	99205921	99206044	NC_000010.10
cg07908984	3.00E-11	1.93E-12	-7.52	17.3624481	-1.33E-01	12800836	12800959	NC_000003.11
cg17836014	3.00E-11	1.93E-12	-7.52	17.361626	-1.21E-01	201630341	201630464	NC_000002.11
cg08104310	3.01E-11	1.93E-12	-7.52	17.3601272	-1.49E-01	176831160	176831283	NC_000001.10
cg00107046	3.01E-11	1.93E-12	-7.52	17.3600068	-8.00E-02	16465562	16465685	NC_000001.10
cg07582829	3.01E-11	1.93E-12	-7.52	17.3597211	-9.41E-02	54408440	54408563	NC_000019.9
cg04324758	3.01E-11	1.94E-12	-7.52	17.3573181	-1.15E-01	16436671	16436794	NC_000019.9
cg20050877	3.02E-11	1.94E-12	-7.52	17.357	-1.30E-01	17487895	17488018	NC_000008.10
cg09005679	3.02E-11	1.94E-12	-7.52	17.3545269	-7.82E-02	57875326	57875449	NC_000020.10
cg23937893	3.02E-11	1.94E-12	-7.52	17.3541721	-3.23E-02	219757464	219757587	NC_000002.11
cg05985655	3.03E-11	1.95E-12	-7.52	17.3530533	-3.67E-02	16616805	16616928	NC_000005.9
cg10530169	3.03E-11	1.95E-12	-7.52	17.3515913	-6.90E-02	57529952	57530075	NC_000003.11
cg23403980	3.04E-11	1.95E-12	-7.52	17.3487702	-1.59E-01	2060623	2060746	NC_000017.10
cg21806580	3.04E-11	1.96E-12	-7.52	17.3479548	-1.57E-01	18746010	18746133	NC_000005.9
cg06181697	3.04E-11	1.96E-12	-7.52	17.3478131	-9.52E-02	50294603	50294726	NC_000003.11
cg07139301	3.04E-11	1.96E-12	-7.52	17.3475263	-1.06E-01	170746207	170746330	NC_000003.11
cg17079026	3.05E-11	1.97E-12	-7.52	17.3435699	-6.68E-02	95858880	95859003	NC_000002.11
cg09058317	3.06E-11	1.97E-12	-7.52	17.3419183	-1.84E-01	85491089	85491212	NC_000011.9
cg19031565	3.06E-11	1.97E-12	-7.52	17.3406287	-7.58E-02	72978794	72978917	NC_000017.10
cg20695611	3.06E-11	1.97E-12	-7.52	17.3401598	-1.63E-01	35853648	35853771	NC_000017.10
cg25953130	3.07E-11	1.97E-12	-7.52	17.3393482	-1.47E-01	63753550	63753673	NC_000010.10
cg14352032	3.07E-11	1.98E-12	-7.52	17.3386297	-1.44E-01	28564834	28564957	NC_000017.10
cg12840336	3.07E-11	1.98E-12	-7.52	17.3384411	-1.30E-01	11422730	11422853	NC_000008.10
cg04764584	3.07E-11	1.98E-12	-7.52	17.3370045	-9.17E-02	505985	506108	NC_000005.9

cg03661752	3.08E-11	1.98E-12	-7.52	17.3362793	-9.41E-02	74455360	74455483	NC_000016.9
cg17867471	3.08E-11	1.99E-12	-7.52	17.3332608	-9.75E-02	32984496	32984619	NC_000013.10
cg17185622	3.09E-11	1.99E-12	-7.52	17.3318243	-2.13E-01	98103016	98103139	NC_000008.10
cg00569673	3.09E-11	1.99E-12	-7.52	17.330897	-2.02E-01	32160462	32160585	NC_000006.11
cg21694044	3.09E-11	1.99E-12	-7.52	17.3305488	-5.60E-02	41215540	41215663	NC_000022.10
cg06144311	3.09E-11	1.99E-12	-7.52	17.3300444	-1.22E-01	4814294	4814417	NC_000007.13
cg04526584	3.10E-11	2.00E-12	-7.52	17.3278115	-1.11E-01	115860606	115860729	NC_000010.10
cg24957950	3.10E-11	2.00E-12	-7.52	17.3271453	-5.12E-02	39616336	39616459	NC_000019.9
cg23303070	3.10E-11	2.00E-12	-7.52	17.3266004	-8.06E-02	140747874	140747997	NC_000007.13
cg06155229	3.10E-11	2.00E-12	-7.52	17.3264701	-9.81E-02	102937535	102937658	NC_000007.13
cg04801085	3.11E-11	2.00E-12	-7.52	17.3261089	-1.74E-01	103150012	103150135	NC_000014.8
cg00004089	3.12E-11	2.01E-12	-7.51	17.32301	-1.70E-01	74678836	74678959	NC_000017.10
cg02359433	3.12E-11	2.01E-12	-7.51	17.3216699	-1.76E-01	1315143	1315266	NC_000006.11
cg05905184	3.12E-11	2.01E-12	-7.51	17.3213766	-5.72E-02	220252704	220252827	NC_000002.11
cg19454930	3.13E-11	2.01E-12	-7.51	17.319469	-7.75E-02	74347776	74347899	NC_000002.11
ch.10.2404278R	3.14E-11	2.02E-12	-7.51	17.3148803	-6.66E-02	114567719	114567842	NC_000010.10
cg06601203	3.15E-11	2.03E-12	-7.51	17.3115776	-1.27E-01	112113375	112113498	NC_000010.10
cg02216380	3.15E-11	2.03E-12	-7.51	17.310207	-8.95E-02	137833675	137833798	NC_000003.11
cg17104843	3.16E-11	2.04E-12	-7.51	17.3087185	-6.40E-02	213032108	213032231	NC_000001.10
cg11583475	3.16E-11	2.04E-12	-7.51	17.3077506	-1.29E-01	24914929	24915052	NC_000004.11
cg05438508	3.16E-11	2.04E-12	-7.51	17.3077083	-3.53E-02	58222756	58222879	NC_000003.11
cg06307567	3.16E-11	2.04E-12	-7.51	17.3068295	-6.71E-02	323616	323739	NC_000004.11
ch.9.319861R	3.17E-11	2.04E-12	-7.51	17.3056872	-5.36E-02	16700700	16700823	NC_000009.11
cg25778479	3.17E-11	2.04E-12	-7.51	17.3055162	-1.06E-01	16686771	16686894	NC_000007.13
cg13160331	3.17E-11	2.04E-12	-7.51	17.3049988	-6.63E-02	43547217	43547340	NC_000022.10

cg02756107	3.17E-11	2.05E-12	-7.51	17.3041289	-1.48E-01	99517460	99517583	NC_000007.13
cg02130905	3.18E-11	2.05E-12	-7.51	17.3005842	-1.47E-01	27116213	27116336	NC_000008.10
cg27658254	3.19E-11	2.06E-12	-7.51	17.2975674	-1.37E-01	142140021	142140144	NC_000008.10
cg20840174	3.19E-11	2.06E-12	-7.51	17.2968396	-1.52E-01	44087784	44087907	NC_000017.10
cg19603195	3.20E-11	2.06E-12	-7.51	17.2960917	-4.56E-02	74284877	74285000	NC_000015.9
cg21532088	3.20E-11	2.06E-12	-7.51	17.2955814	-1.54E-01	80662567	80662690	NC_000017.10
cg07078789	3.20E-11	2.06E-12	-7.51	17.2955264	-6.41E-02	31465720	31465843	NC_000006.11
cg15423315	3.21E-11	2.07E-12	-7.51	17.2923534	-1.56E-01	93296554	93296677	NC_000010.10
cg24816455	3.21E-11	2.07E-12	-7.51	17.292192	-1.81E-01	50310766	50310889	NC_000003.11
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cg21085001	3.21E-11	2.08E-12	-7.51	17.2899458	-5.97E-02	167691333	167691456	NC_000001.10
cg03302008	3.22E-11	2.08E-12	-7.51	17.2897431	-9.97E-02	96012735	96012858	NC_000002.11
cg15228441	3.22E-11	2.08E-12	-7.51	17.2882508	-1.64E-01	78829930	78830053	NC_000017.10
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cg14830815	3.23E-11	2.08E-12	-7.51	17.2861737	-6.63E-02	51420611	51420734	NC_000012.11
cg25072179	3.23E-11	2.08E-12	-7.51	17.2855556	-1.38E-01	57004934	57005057	NC_000011.9
cg27451550	3.23E-11	2.08E-12	-7.51	17.2855457	-1.56E-01	65610331	65610454	NC_000001.10
cg05782078	3.23E-11	2.08E-12	-7.51	17.2853827	-7.87E-02	140179173	140179296	NC_000007.13
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cg20321251	3.25E-11	2.10E-12	-7.51	17.2794329	-1.19E-01	27406724	27406847	NC_000002.11

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cg23328556	3.31E-11	2.14E-12	-7.5	17.2590459	-1.47E-01	123374731	123374854	NC_000012.11

cg06813382	3.31E-11	2.14E-12	-7.5	17.2580243	-1.04E-01	81967195	81967318	NC_000010.10
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cg19003803	3.32E-11	2.15E-12	-7.5	17.2552309	-1.27E-01	143416716	143416839	NC_000008.10
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cg27364319	3.34E-11	2.16E-12	-7.5	17.249988	-4.33E-02	53626837	53626960	NC_000012.11
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cg11335133	3.36E-11	2.18E-12	-7.5	17.2436774	-1.61E-01	90309559	90309682	NC_000001.10
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cg20066782	3.37E-11	2.18E-12	-7.5	17.2398102	-1.83E-01	102574504	102574627	NC_000007.13
cg07996992	3.37E-11	2.18E-12	-7.5	17.2395337	-6.27E-02	85040343	85040466	NC_000001.10
cg20653986	3.38E-11	2.19E-12	-7.5	17.2370587	-6.25E-02	107349535	107349658	NC_000006.11

cg08678898	3.38E-11	2.19E-12	-7.5	17.2366712	-3.79E-02	42758009	42758132	NC_000019.9
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cg23492413	3.40E-11	2.20E-12	-7.5	17.2312632	-7.28E-02	43905074	43905197	NC_000010.10
cg15160686	3.40E-11	2.21E-12	-7.5	17.2302191	-1.04E-01	24562825	24562948	NC_000001.10
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cg11644973	3.42E-11	2.22E-12	-7.5	17.2250444	-1.36E-01	157085979	157086102	NC_000007.13
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cg10111599	3.43E-11	2.22E-12	-7.5	17.2223593	-1.81E-01	1573451	1573574	NC_000007.13
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cg13287553	3.43E-11	2.23E-12	-7.5	17.2203866	-8.64E-02	4784419	4784542	NC_000007.13
cg19704288	3.43E-11	2.23E-12	-7.5	17.2201472	-1.48E-01	1582181	1582304	NC_000004.11
cg16000544	3.44E-11	2.23E-12	-7.5	17.2178305	-5.69E-02	42995380	42995503	NC_000008.10
cg09883188	3.44E-11	2.24E-12	-7.5	17.2165492	-1.42E-01	160502317	160502440	NC_000003.11
cg25101764	3.45E-11	2.24E-12	-7.5	17.2162371	-1.90E-01	227291401	227291524	NC_000002.11
cg16120811	3.45E-11	2.24E-12	-7.5	17.2154112	-1.67E-02	9594484	9594607	NC_000011.9
cg27105123	3.45E-11	2.24E-12	-7.5	17.2139184	-1.35E-01	55582635	55582758	NC_000019.9

cg14771419	3.45E-11	2.24E-12	-7.5	17.2138945	-1.62E-01	142012988	142013111	NC_000007.13
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cg06067372	3.45E-11	2.24E-12	-7.5	17.2132512	-1.21E-01	55106337	55106460	NC_000018.9
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cg21773220	3.46E-11	2.25E-12	-7.5	17.2115747	-1.36E-01	94883919	94884042	NC_000011.9
cg17586984	3.46E-11	2.25E-12	-7.5	17.2112543	-3.78E-02	96329587	96329710	NC_000013.10
cg21913652	3.46E-11	2.25E-12	-7.5	17.2109789	-1.58E-01	35651841	35651964	NC_000011.9
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cg05207077	3.47E-11	2.25E-12	-7.5	17.2094527	-7.43E-02	148077	148200	NC_000012.11
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cg15140619	3.48E-11	2.26E-12	-7.49	17.2067369	-4.84E-02	128597795	128597918	NC_000003.11
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cg25344142	3.48E-11	2.26E-12	-7.49	17.2040279	-1.64E-01	230882603	230882726	NC_000001.10
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cg16013630	3.49E-11	2.27E-12	-7.49	17.2032875	-7.06E-02	1406606	1406729	NC_000001.10
cg07853919	3.49E-11	2.27E-12	-7.49	17.2029195	-3.53E-02	77711868	77711991	NC_000018.9
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cg15244778	3.49E-11	2.27E-12	-7.49	17.2008394	-1.65E-01	69048637	69048760	NC_000011.9
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cg11079936	3.54E-11	2.30E-12	-7.49	17.1872047	-9.20E-02	30124299	30124422	NC_000006.11
cg19258177	3.54E-11	2.31E-12	-7.49	17.1855113	-1.53E-01	95056619	95056742	NC_000001.10
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cg16055914	3.55E-11	2.31E-12	-7.49	17.1846214	-1.75E-01	30231887	30232010	NC_000006.11
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cg19933135	3.55E-11	2.31E-12	-7.49	17.1840108	-2.65E-02	86338399	86338522	NC_000015.9

cg18993757	3.55E-11	2.31E-12	-7.49	17.1839142	-7.73E-02	4889754	4889877	NC_000017.10
cg08639279	3.56E-11	2.32E-12	-7.49	17.181609	-1.84E-01	124770463	124770586	NC_000011.9
cg01881939	3.56E-11	2.32E-12	-7.49	17.1809097	-4.73E-02	79480981	79481104	NC_000017.10
cg04895166	3.57E-11	2.32E-12	-7.49	17.1790067	-1.38E-01	133010900	133011023	NC_000012.11
cg18413706	3.57E-11	2.32E-12	-7.49	17.1786136	-1.53E-01	39759139	39759262	NC_000021.8
cg00859858	3.57E-11	2.32E-12	-7.49	17.1781312	-1.40E-01	37944257	37944380	NC_000001.10
cg02744793	3.57E-11	2.33E-12	-7.49	17.1780254	-5.55E-02	35378717	35378840	NC_000010.10
cg07771160	3.57E-11	2.33E-12	-7.49	17.1769269	-1.55E-01	28335945	28336068	NC_000021.8
cg16451371	3.58E-11	2.33E-12	-7.49	17.1761937	-1.02E-01	32810391	32810514	NC_000022.10
cg14685095	3.58E-11	2.33E-12	-7.49	17.1753618	-1.16E-01	59488988	59489111	NC_000017.10
cg19997922	3.58E-11	2.33E-12	-7.49	17.1748981	-1.10E-01	35615923	35616046	NC_000010.10
cg22734058	3.59E-11	2.34E-12	-7.49	17.1725573	-1.94E-01	238578491	238578614	NC_000002.11
cg17168093	3.59E-11	2.34E-12	-7.49	17.17199	-1.73E-01	85531486	85531609	NC_000002.11
cg22881265	3.59E-11	2.34E-12	-7.49	17.171633	-1.28E-01	128801132	128801255	NC_000003.11
cg11685391	3.59E-11	2.34E-12	-7.49	17.1709597	-1.56E-01	103594334	103594457	NC_000010.10
cg14196186	3.59E-11	2.34E-12	-7.49	17.1705548	-8.76E-02	72732698	72732821	NC_000017.10
cg17809170	3.60E-11	2.34E-12	-7.49	17.169691	-1.41E-01	149461325	149461448	NC_000005.9
cg13282068	3.60E-11	2.35E-12	-7.49	17.1692992	-1.81E-01	73360252	73360375	NC_000017.10
cg00510539	3.61E-11	2.35E-12	-7.49	17.1669171	-5.70E-02	27958611	27958734	NC_000002.11
cg23873406	3.61E-11	2.35E-12	-7.49	17.1664049	-1.35E-01	1957026	1957149	NC_000007.13
cg23251970	3.62E-11	2.36E-12	-7.49	17.163388	-5.58E-02	68298816	68298939	NC_000001.10
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cg20252067	3.62E-11	2.36E-12	-7.49	17.162128	-6.43E-02	65438456	65438579	NC_000014.8
cg06717492	3.63E-11	2.36E-12	-7.49	17.1614045	-2.79E-02	65447339	65447462	NC_000007.13

cg10640398	3.63E-11	2.37E-12	-7.49	17.1612151	-1.36E-01	126582317	126582440	NC_000011.9
cg18074834	3.63E-11	2.37E-12	-7.49	17.160858	-9.39E-02	143085529	143085652	NC_000007.13
cg25064853	3.63E-11	2.37E-12	-7.49	17.1601753	-4.75E-02	209131103	209131226	NC_000002.11
cg07625383	3.63E-11	2.37E-12	-7.49	17.1597679	-1.47E-01	134626083	134626206	NC_000007.13
cg17463508	3.63E-11	2.37E-12	-7.49	17.1594026	-5.45E-02	4737022	4737145	NC_000017.10
cg22649187	3.63E-11	2.37E-12	-7.49	17.1592511	-1.68E-01	69197324	69197447	NC_000011.9
cg11374368	3.65E-11	2.38E-12	-7.49	17.1536775	-8.48E-02	242497960	242498083	NC_000002.11
cg26603656	3.65E-11	2.38E-12	-7.49	17.1536417	-1.82E-01	5671107	5671230	NC_000010.10
cg13434570	3.66E-11	2.39E-12	-7.49	17.1523869	-1.90E-01	206317133	206317256	NC_000001.10
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cg09329266	3.66E-11	2.39E-12	-7.48	17.1498999	-1.00E-01	31127357	31127480	NC_000006.11
cg05018648	3.67E-11	2.40E-12	-7.48	17.1478582	-1.39E-01	794683	794806	NC_000002.11
cg13803915	3.67E-11	2.40E-12	-7.48	17.1475467	-8.95E-02	10490063	10490186	NC_000001.10
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cg09678939	3.69E-11	2.41E-12	-7.48	17.142039	-2.06E-01	149806081	149806204	NC_000006.11
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cg22204954	3.70E-11	2.42E-12	-7.48	17.140454	-7.59E-02	153085998	153086121	NC_000001.10
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cg27342919	3.71E-11	2.42E-12	-7.48	17.1382405	-1.58E-01	30079256	30079379	NC_000006.11
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cg18908845	3.76E-11	2.46E-12	-7.48	17.1215345	-3.67E-02	78121495	78121618	NC_000014.8
cg21367838	3.77E-11	2.47E-12	-7.48	17.1201695	-4.41E-02	47805154	47805277	NC_000020.10
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cg16998718	3.80E-11	2.49E-12	-7.48	17.1112131	-2.95E-02	19674847	19674970	NC_000008.10
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cg12471051	3.87E-11	2.53E-12	-7.48	17.0937183	-1.01E-01	17848742	17848865	NC_000001.10
cg10664971	3.87E-11	2.53E-12	-7.48	17.0934594	-1.29E-01	81915574	81915697	NC_000010.10
cg11830695	3.87E-11	2.54E-12	-7.48	17.0927399	-5.86E-02	52007678	52007801	NC_000003.11
cg27590591	3.87E-11	2.54E-12	-7.47	17.0925618	-3.69E-02	137368964	137369087	NC_000005.9
cg06171971	3.87E-11	2.54E-12	-7.47	17.0923674	-1.24E-01	45948591	45948714	NC_000003.11
cg16099169	3.88E-11	2.54E-12	-7.47	17.0898774	-1.99E-01	106886729	106886852	NC_000002.11
cg20682326	3.89E-11	2.55E-12	-7.47	17.0869756	-9.91E-02	100844173	100844296	NC_000007.13
cg14444710	3.89E-11	2.55E-12	-7.47	17.0862378	-1.53E-01	2587080	2587203	NC_000016.9
cg11575220	3.90E-11	2.56E-12	-7.47	17.0846282	-5.94E-02	59578239	59578362	NC_000011.9
cg01001472	3.90E-11	2.56E-12	-7.47	17.0845432	-1.47E-01	97947958	97948081	NC_000013.10
cg11827082	3.91E-11	2.56E-12	-7.47	17.0828634	-1.17E-01	50202584	50202707	NC_000013.10
cg21364077	3.91E-11	2.56E-12	-7.47	17.0816286	-1.50E-01	41394456	41394579	NC_000006.11
cg02035039	3.91E-11	2.57E-12	-7.47	17.0812198	-6.58E-02	29691888	29692011	NC_000006.11
cg00306426	3.91E-11	2.57E-12	-7.47	17.0808805	-7.37E-02	70687415	70687538	NC_000001.10

cg16039071	3.91E-11	2.57E-12	-7.47	17.0803774	-8.63E-02	43968282	43968405	NC_000006.11
cg17436460	3.91E-11	2.57E-12	-7.47	17.0802387	-1.27E-01	17028480	17028603	NC_000010.10
cg11832281	3.91E-11	2.57E-12	-7.47	17.0801889	-1.78E-01	11211022	11211145	NC_000010.10
cg07265444	3.92E-11	2.57E-12	-7.47	17.0785907	-1.39E-01	76956562	76956685	NC_000007.13
cg26686150	3.92E-11	2.57E-12	-7.47	17.0784711	-1.00E-01	93637466	93637589	NC_000012.11
cg15070897	3.92E-11	2.57E-12	-7.47	17.077662	-1.36E-01	23284968	23285091	NC_000014.8
cg23463533	3.92E-11	2.57E-12	-7.47	17.0776186	-1.73E-01	154473289	154473412	NC_000007.13
cg24954967	3.93E-11	2.58E-12	-7.47	17.0772999	-1.63E-01	46130858	46130981	NC_000003.11
cg10087092	3.93E-11	2.58E-12	-7.47	17.0768806	-9.92E-02	62711744	62711867	NC_000020.10
cg26983839	3.94E-11	2.59E-12	-7.47	17.0732643	-5.18E-02	11872882	11873005	NC_000008.10
cg11577898	3.94E-11	2.59E-12	-7.47	17.072062	-9.38E-02	78094446	78094569	NC_000005.9
cg18741044	3.94E-11	2.59E-12	-7.47	17.0720118	-1.48E-01	117507563	117507686	NC_000003.11
cg03121168	3.95E-11	2.59E-12	-7.47	17.0716753	-5.24E-02	61558123	61558246	NC_000020.10
cg07999090	3.95E-11	2.59E-12	-7.47	17.0710955	-1.36E-01	28882299	28882422	NC_000013.10
cg10181016	3.95E-11	2.59E-12	-7.47	17.0705879	-1.30E-01	76087172	76087295	NC_000005.9
cg11797364	3.95E-11	2.60E-12	-7.47	17.0696501	-1.98E-01	436969	437092	NC_000006.11
cg27488807	3.97E-11	2.61E-12	-7.47	17.0657853	-1.58E-01	147691898	147692021	NC_000005.9
cg08189186	3.97E-11	2.61E-12	-7.47	17.0655541	-1.62E-01	38793546	38793669	NC_000019.9
cg18868540	3.97E-11	2.61E-12	-7.47	17.0654333	-1.49E-01	46740032	46740155	NC_000011.9
cg16426459	3.97E-11	2.61E-12	-7.47	17.0644373	-6.69E-02	238396155	238396278	NC_000002.11
cg06316133	3.98E-11	2.61E-12	-7.47	17.0633849	-6.12E-02	1922372	1922495	NC_000008.10
cg07554231	3.98E-11	2.61E-12	-7.47	17.0628969	-5.14E-02	50083850	50083973	NC_000019.9
ch.20.1003652F	3.98E-11	2.61E-12	-7.47	17.0628645	-5.72E-02	45956831	45956954	NC_000020.10
cg08748913	3.98E-11	2.61E-12	-7.47	17.0627199	-1.29E-01	137071788	137071911	NC_000005.9
cg24429836	3.98E-11	2.61E-12	-7.47	17.0627098	-1.14E-01	75150744	75150867	NC_000016.9

cg25120284	3.98E-11	2.61E-12	-7.47	17.0624634	-5.05E-02	46894671	46894794	NC_000017.10
cg03806812	3.98E-11	2.62E-12	-7.47	17.0616196	-1.31E-01	86180836	86180959	NC_000002.11
ch.14.1251344R	3.98E-11	2.62E-12	-7.47	17.0610138	-7.48E-02	81663815	81663938	NC_000014.8
cg02340915	3.99E-11	2.62E-12	-7.47	17.0596055	-3.10E-02	121904480	121904603	NC_000012.11
cg15121877	3.99E-11	2.62E-12	-7.47	17.0588225	-1.25E-01	38081287	38081410	NC_000003.11
cg15445281	3.99E-11	2.62E-12	-7.47	17.0586189	-1.58E-01	51163726	51163849	NC_000013.10
cg00860425	3.99E-11	2.62E-12	-7.47	17.0585858	-1.72E-01	3852027	3852150	NC_000019.9
cg09288962	4.00E-11	2.63E-12	-7.47	17.0573944	-1.30E-01	56640057	56640180	NC_000016.9
cg13100449	4.00E-11	2.63E-12	-7.47	17.0571045	-2.64E-01	184836205	184836328	NC_000001.10
cg16996242	4.00E-11	2.63E-12	-7.47	17.0568368	-1.09E-01	35754118	35754241	NC_000001.10
cg10019844	4.01E-11	2.64E-12	-7.47	17.0538935	-7.03E-02	154948144	154948267	NC_000001.10
cg05132782	4.01E-11	2.64E-12	-7.47	17.0538457	-1.11E-01	150126392	150126515	NC_000007.13
cg26956245	4.03E-11	2.65E-12	-7.47	17.0489033	-1.04E-01	30518972	30519095	NC_000007.13
cg02422603	4.04E-11	2.66E-12	-7.47	17.0463269	-1.16E-01	114890566	114890689	NC_000013.10
cg25004838	4.04E-11	2.66E-12	-7.47	17.0458714	-1.69E-01	32112189	32112312	NC_000006.11
cg18026955	4.04E-11	2.66E-12	-7.47	17.0458443	-1.19E-01	12541215	12541338	NC_000001.10
cg03458316	4.04E-11	2.66E-12	-7.47	17.0450386	-1.83E-01	77258084	77258207	NC_000010.10
cg25136605	4.05E-11	2.66E-12	-7.47	17.0445658	-6.15E-02	173400737	173400860	NC_000005.9
cg14097304	4.05E-11	2.66E-12	-7.47	17.0444049	-1.15E-01	156801587	156801710	NC_000007.13
ch.9.2262725R	4.05E-11	2.66E-12	-7.47	17.0442266	-1.49E-02	134308523	134308646	NC_000009.11
cg26890181	4.06E-11	2.68E-12	-7.47	17.0399891	-1.10E-01	44285940	44286063	NC_000019.9
cg07663813	4.07E-11	2.68E-12	-7.47	17.0389476	-4.53E-02	81785835	81785958	NC_000008.10
cg11817533	4.07E-11	2.68E-12	-7.47	17.0388989	-1.13E-01	21523501	21523624	NC_000006.11
cg12393108	4.07E-11	2.68E-12	-7.47	17.03853	-1.65E-01	124064793	124064916	NC_000011.9
cg10234477	4.07E-11	2.68E-12	-7.47	17.0379389	-1.54E-01	6585594	6585717	NC_000012.11

cg16007019	4.08E-11	2.68E-12	-7.47	17.0369195	-4.06E-02	43916710	43916833	NC_000021.8
cg19074496	4.08E-11	2.69E-12	-7.47	17.0356662	-3.04E-02	220117868	220117991	NC_000002.11
cg06862696	4.08E-11	2.69E-12	-7.47	17.0348381	-1.19E-01	11470209	11470332	NC_000019.9
cg17163425	4.09E-11	2.69E-12	-7.46	17.03394	-9.17E-02	232764492	232764615	NC_000001.10
cg14018648	4.09E-11	2.69E-12	-7.46	17.0331909	-1.10E-01	7083015	7083138	NC_000017.10
cg13640518	4.10E-11	2.70E-12	-7.46	17.0309491	-2.70E-02	27886333	27886456	NC_000002.11
cg01479818	4.10E-11	2.70E-12	-7.46	17.0303016	-3.83E-02	103986012	103986135	NC_000010.10
cg18273417	4.10E-11	2.70E-12	-7.46	17.0298615	-1.98E-01	153518418	153518541	NC_000001.10
cg02574101	4.11E-11	2.71E-12	-7.46	17.02899	-1.16E-01	78286737	78286860	NC_000015.9
cg26561681	4.12E-11	2.71E-12	-7.46	17.0265704	-1.58E-01	21376633	21376756	NC_000001.10
cg04602081	4.12E-11	2.71E-12	-7.46	17.0265503	-1.39E-01	16498086	16498209	NC_000001.10
cg15329642	4.12E-11	2.71E-12	-7.46	17.0257099	-1.14E-01	45308298	45308421	NC_000001.10
cg25930662	4.13E-11	2.72E-12	-7.46	17.023882	-1.18E-01	168121243	168121366	NC_000006.11
cg24107728	4.13E-11	2.72E-12	-7.46	17.0238043	-1.49E-01	53760337	53760460	NC_000001.10
cg00214012	4.14E-11	2.73E-12	-7.46	17.0204248	-1.51E-01	29326467	29326590	NC_000015.9
cg09084279	4.15E-11	2.73E-12	-7.46	17.0191611	-1.62E-01	79495006	79495129	NC_000017.10
cg20367923	4.15E-11	2.73E-12	-7.46	17.0188396	-9.56E-02	169624501	169624624	NC_000006.11
cg02794779	4.17E-11	2.75E-12	-7.46	17.0131401	-7.56E-02	100150711	100150834	NC_000013.10
cg05951521	4.17E-11	2.75E-12	-7.46	17.0128214	-3.16E-02	19421937	19422060	NC_000016.9
cg01328119	4.17E-11	2.75E-12	-7.46	17.0125057	-2.14E-02	228783545	228783668	NC_000001.10
cg15231942	4.18E-11	2.75E-12	-7.46	17.0117123	-1.57E-01	873330	873453	NC_000019.9
cg07759857	4.18E-11	2.76E-12	-7.46	17.0095964	-1.72E-01	79060804	79060927	NC_000017.10
cg06455032	4.19E-11	2.76E-12	-7.46	17.0091058	-6.25E-02	45251911	45252034	NC_000019.9
cg08736072	4.19E-11	2.76E-12	-7.46	17.0089831	-1.23E-01	1471543	1471666	NC_000016.9
cg02709167	4.19E-11	2.76E-12	-7.46	17.0083638	-1.61E-01	31996811	31996934	NC_000001.10



cg26088629	4.19E-11	2.77E-12	-7.46	17.0068158	-1.52E-01	113676938	113677061	NC_000013.10
cg08893087	4.20E-11	2.77E-12	-7.46	17.0052277	-1.60E-01	93416982	93417105	NC_000001.10
cg26434881	4.20E-11	2.77E-12	-7.46	17.0050536	-1.15E-01	87669476	87669599	NC_000016.9
cg01869896	4.20E-11	2.77E-12	-7.46	17.0049029	-1.23E-01	40420299	40420422	NC_000001.10
cg17625224	4.21E-11	2.77E-12	-7.46	17.0038951	-1.32E-01	47031262	47031385	NC_000022.10
cg05928581	4.21E-11	2.78E-12	-7.46	17.0035217	-1.18E-01	1885097	1885220	NC_000011.9
cg04799722	4.22E-11	2.78E-12	-7.46	17.0015174	-1.32E-01	52317475	52317598	NC_000012.11
cg23778363	4.22E-11	2.79E-12	-7.46	16.9999403	-1.51E-01	106546038	106546161	NC_000006.11
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cg12002139	4.22E-11	2.79E-12	-7.46	16.9994772	-2.11E-01	158478872	158478995	NC_000006.11
cg01165043	4.23E-11	2.79E-12	-7.46	16.9983231	-1.80E-01	64994401	64994524	NC_000002.11
cg01183826	4.23E-11	2.79E-12	-7.46	16.9977133	-2.76E-02	45496237	45496360	NC_000010.10
cg15408497	4.23E-11	2.79E-12	-7.46	16.9975316	-1.80E-01	35133653	35133776	NC_000021.8
cg20353496	4.23E-11	2.79E-12	-7.46	16.997023	-1.11E-01	825268	825391	NC_000020.10
ch.22.427671F	4.23E-11	2.80E-12	-7.46	16.9967538	-1.83E-02	31819360	31819483	NC_000022.10
cg15935121	4.24E-11	2.80E-12	-7.46	16.9943092	-7.60E-02	2230601	2230724	NC_000001.10
cg11344950	4.24E-11	2.80E-12	-7.46	16.9941676	-1.36E-01	151826167	151826290	NC_000001.10
cg06765219	4.25E-11	2.81E-12	-7.46	16.9928128	-1.27E-01	644572	644695	NC_000008.10
cg19778647	4.25E-11	2.81E-12	-7.46	16.9917934	-1.77E-01	24974720	24974843	NC_000012.11
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cg15238519	4.26E-11	2.81E-12	-7.46	16.9902706	-6.69E-02	50683529	50683652	NC_000022.10
cg01588581	4.28E-11	2.82E-12	-7.46	16.9863667	-1.26E-01	241832900	241833023	NC_000002.11
cg15090714	4.28E-11	2.83E-12	-7.46	16.9841349	-6.80E-02	60142985	60143108	NC_000017.10
cg25847835	4.29E-11	2.84E-12	-7.46	16.9821634	-4.55E-02	147763803	147763926	NC_000005.9

cg03861200	4.30E-11	2.84E-12	-7.46	16.9801907	-3.05E-02	133340900	133341023	NC_000005.9
cg07321032	4.30E-11	2.84E-12	-7.46	16.9794773	-8.70E-02	24926290	24926413	NC_000004.11
cg17308661	4.30E-11	2.85E-12	-7.46	16.9792471	-5.09E-02	57857235	57857358	NC_000014.8
ch.5.2455726F	4.31E-11	2.85E-12	-7.46	16.9781687	-5.35E-02	133729232	133729355	NC_000005.9
cg03096286	4.31E-11	2.85E-12	-7.46	16.9781007	-1.09E-01	219219811	219219934	NC_000002.11
cg27368606	4.31E-11	2.85E-12	-7.46	16.9779392	-1.74E-01	186768730	186768853	NC_000004.11
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ch.3.35408643R	4.31E-11	2.85E-12	-7.46	16.9774473	-5.31E-02	35433639	35433762	NC_000003.11
cg07247810	4.33E-11	2.86E-12	-7.45	16.9732858	-1.30E-01	220684758	220684881	NC_000001.10
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cg10804254	4.36E-11	2.88E-12	-7.45	16.9669064	-1.63E-01	218633247	218633370	NC_000001.10
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cg00924265	4.38E-11	2.90E-12	-7.45	16.9606383	-1.61E-01	28258117	28258240	NC_000008.10
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cg07373957	4.40E-11	2.91E-12	-7.45	16.955659	-1.48E-01	68148896	68149019	NC_000001.10
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cg14461571	4.40E-11	2.92E-12	-7.45	16.9549202	-8.20E-02	30458099	30458222	NC_000006.11
cg10308673	4.41E-11	2.92E-12	-7.45	16.953821	-1.59E-01	268976	269099	NC_000011.9
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cg11746651	4.42E-11	2.93E-12	-7.45	16.9515449	-1.19E-01	3664612	3664735	NC_000001.10
cg04103837	4.43E-11	2.93E-12	-7.45	16.9494165	-1.59E-01	68469580	68469703	NC_000008.10
cg19645639	4.45E-11	2.95E-12	-7.45	16.9452041	-1.76E-01	113500384	113500507	NC_000001.10
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cg09792970	4.45E-11	2.95E-12	-7.45	16.9448756	-1.59E-01	111374169	111374292	NC_000012.11
cg02887458	4.45E-11	2.95E-12	-7.45	16.9431364	-1.29E-01	19495540	19495663	NC_000019.9
cg13084536	4.45E-11	2.95E-12	-7.45	16.9430485	-8.57E-02	139076824	139076947	NC_000005.9
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cg11726507	4.47E-11	2.96E-12	-7.45	16.9390219	-1.88E-01	101155519	101155642	NC_000014.8
cg24954207	4.48E-11	2.97E-12	-7.45	16.9380422	-1.02E-01	128217091	128217214	NC_000003.11
cg26668151	4.48E-11	2.97E-12	-7.45	16.9369984	-2.14E-01	157180005	157180128	NC_000007.13
cg23214628	4.48E-11	2.97E-12	-7.45	16.9358931	-1.71E-01	75989305	75989428	NC_000007.13
cg00150785	4.49E-11	2.97E-12	-7.45	16.9354588	-1.06E-01	25581368	25581491	NC_000020.10

cg24127869	4.49E-11	2.98E-12	-7.45	16.9345964	-3.72E-02	37506839	37506962	NC_000021.8
cg13899420	4.49E-11	2.98E-12	-7.45	16.9342484	-9.51E-02	135853978	135854101	NC_000009.11
cg11793449	4.49E-11	2.98E-12	-7.45	16.9338261	-1.02E-01	76313872	76313995	NC_000017.10
cg19666541	4.49E-11	2.98E-12	-7.45	16.9334789	-1.61E-01	31516111	31516234	NC_000015.9
cg02767093	4.50E-11	2.98E-12	-7.45	16.9330717	-1.73E-01	99130655	99130778	NC_000013.10
cg15248989	4.50E-11	2.98E-12	-7.45	16.9330051	-6.45E-02	14682900	14683023	NC_000019.9
cg07786776	4.50E-11	2.99E-12	-7.45	16.9315505	-1.13E-01	40250289	40250412	NC_000017.10
cg14014890	4.51E-11	2.99E-12	-7.45	16.9296748	-4.31E-02	11295833	11295956	NC_000002.11
cg02061948	4.52E-11	3.00E-12	-7.45	16.9279782	-4.92E-02	90015428	90015551	NC_000016.9
cg21388327	4.52E-11	3.00E-12	-7.45	16.9274094	-2.17E-01	22351548	22351671	NC_000001.10
cg17166103	4.53E-11	3.01E-12	-7.45	16.9253243	-3.85E-02	49298422	49298545	NC_000019.9
cg16984981	4.54E-11	3.01E-12	-7.45	16.9226541	-6.13E-02	74516049	74516172	NC_000018.9
cg15261730	4.54E-11	3.01E-12	-7.45	16.9224603	-1.29E-01	55280797	55280920	NC_000007.13
cg24304714	4.54E-11	3.01E-12	-7.45	16.92235	-9.74E-02	152779374	152779497	NC_000001.10
cg09923954	4.55E-11	3.02E-12	-7.45	16.9213876	-1.64E-01	65460017	65460140	NC_000010.10
ch.1.374405F	4.55E-11	3.02E-12	-7.45	16.9201758	-2.63E-02	10177152	10177275	NC_000001.10
cg25291653	4.56E-11	3.02E-12	-7.45	16.9191356	-1.40E-01	19867145	19867268	NC_000020.10
cg13169373	4.56E-11	3.03E-12	-7.45	16.9184434	-7.26E-02	27542843	27542966	NC_000021.8
cg27316453	4.56E-11	3.03E-12	-7.44	16.9181923	-1.39E-01	18476131	18476254	NC_000011.9
cg01943337	4.56E-11	3.03E-12	-7.44	16.9169331	-1.40E-01	35042742	35042865	NC_000007.13
cg03503642	4.56E-11	3.03E-12	-7.44	16.9169111	-1.46E-01	75912711	75912834	NC_000006.11
cg10919522	4.57E-11	3.03E-12	-7.44	16.9165294	-1.27E-01	74227441	74227564	NC_000014.8
cg12895810	4.57E-11	3.04E-12	-7.44	16.9149596	-5.16E-02	142138638	142138761	NC_000008.10
cg12065800	4.57E-11	3.04E-12	-7.44	16.9144936	-9.92E-02	18666531	18666654	NC_000008.10
cg06251129	4.58E-11	3.04E-12	-7.44	16.9126704	-5.50E-02	155990657	155990780	NC_000001.10

cg15634747	4.58E-11	3.05E-12	-7.44	16.9124147	-1.46E-01	11652441	11652564	NC_000004.11
cg08679808	4.59E-11	3.05E-12	-7.44	16.911392	-3.31E-02	79886116	79886239	NC_000017.10
cg26674132	4.59E-11	3.05E-12	-7.44	16.9113633	-7.12E-02	9434637	9434760	NC_000019.9
cg27059140	4.60E-11	3.05E-12	-7.44	16.9096713	-1.55E-01	47355215	47355338	NC_000017.10
cg07884168	4.60E-11	3.05E-12	-7.44	16.9096211	-2.71E-01	28874307	28874430	NC_000016.9
cg15127702	4.60E-11	3.06E-12	-7.44	16.9092021	-2.38E-01	101079617	101079740	NC_000007.13
cg02980075	4.60E-11	3.06E-12	-7.44	16.9087508	-1.14E-01	41131966	41132089	NC_000017.10
cg24097814	4.60E-11	3.06E-12	-7.44	16.9076645	-1.65E-01	53320632	53320755	NC_000012.11
cg12588880	4.61E-11	3.06E-12	-7.44	16.9061802	-1.28E-01	8597159	8597282	NC_000002.11
cg18815565	4.62E-11	3.07E-12	-7.44	16.9047017	-1.39E-01	17540008	17540131	NC_000020.10
cg21242002	4.62E-11	3.07E-12	-7.44	16.9040474	-1.33E-01	3265080	3265203	NC_000004.11
cg03107659	4.63E-11	3.08E-12	-7.44	16.900874	-3.58E-02	40834984	40835107	NC_000017.10
cg02915225	4.64E-11	3.08E-12	-7.44	16.9006248	-1.38E-01	93812043	93812166	NC_000010.10
cg20060655	4.64E-11	3.08E-12	-7.44	16.9005362	-2.82E-02	1748322	1748445	NC_000019.9
cg08495245	4.64E-11	3.08E-12	-7.44	16.9003363	-1.49E-01	168925668	168925791	NC_000006.11
cg15842884	4.64E-11	3.08E-12	-7.44	16.8998951	-2.52E-02	5591925	5592048	NC_000020.10
cg24831391	4.65E-11	3.09E-12	-7.44	16.8969225	-1.73E-01	2743145	2743268	NC_000012.11
cg20646556	4.66E-11	3.10E-12	-7.44	16.8956151	-1.48E-01	1022806	1022929	NC_000007.13
cg02719634	4.67E-11	3.10E-12	-7.44	16.8937281	-1.57E-01	2924899	2925022	NC_000011.9
cg10213488	4.67E-11	3.10E-12	-7.44	16.8936387	-4.94E-02	93799600	93799723	NC_000014.8
cg23256480	4.67E-11	3.10E-12	-7.44	16.8933957	-1.27E-01	93252030	93252153	NC_000014.8
cg19606356	4.67E-11	3.11E-12	-7.44	16.8932265	-6.52E-02	86563843	86563966	NC_000005.9
cg15773716	4.68E-11	3.11E-12	-7.44	16.8902377	-4.93E-02	44355950	44356073	NC_000006.11
cg13697968	4.69E-11	3.12E-12	-7.44	16.889321	-1.88E-01	114917586	114917709	NC_000013.10
cg22809017	4.69E-11	3.12E-12	-7.44	16.8887748	-1.27E-01	169373347	169373470	NC_000005.9

cg26546646	4.69E-11	3.12E-12	-7.44	16.8877549	-5.24E-02	150602168	150602291	NC_000001.10
cg10743062	4.69E-11	3.12E-12	-7.44	16.8877456	-1.04E-01	33413713	33413836	NC_000020.10
cg08644381	4.69E-11	3.12E-12	-7.44	16.887423	-1.26E-01	149480305	149480428	NC_000007.13
cg04222933	4.70E-11	3.13E-12	-7.44	16.8867661	-1.02E-01	160783181	160783304	NC_000001.10
cg27309189	4.70E-11	3.13E-12	-7.44	16.8861079	-5.47E-02	1464772	1464895	NC_000016.9
cg20625065	4.70E-11	3.13E-12	-7.44	16.8860403	-7.93E-02	47537715	47537838	NC_000020.10
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cg14745529	4.70E-11	3.13E-12	-7.44	16.8856312	-4.92E-02	116594207	116594330	NC_000007.13
cg26152923	4.71E-11	3.13E-12	-7.44	16.8840609	-1.41E-01	18284120	18284243	NC_000019.9
cg20802826	4.71E-11	3.14E-12	-7.44	16.8825792	-1.49E-01	30782080	30782203	NC_000006.11
cg15845525	4.72E-11	3.14E-12	-7.44	16.8817007	-1.29E-01	33665698	33665821	NC_000010.10
cg17035984	4.73E-11	3.15E-12	-7.44	16.8795805	-7.58E-02	54619655	54619778	NC_000001.10
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cg16311192	4.76E-11	3.18E-12	-7.44	16.8712111	-5.73E-02	91875427	91875550	NC_000007.13
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cg05275153	4.79E-11	3.19E-12	-7.44	16.8663761	-7.53E-02	3431837	3431960	NC_000004.11
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cg21815063	4.80E-11	3.20E-12	-7.44	16.864085	-2.19E-01	131800430	131800553	NC_000005.9
cg17069533	4.80E-11	3.20E-12	-7.44	16.8624	-1.82E-01	64657833	64657956	NC_000017.10
cg24877792	4.80E-11	3.20E-12	-7.44	16.862399	-6.23E-02	180287685	180287808	NC_000005.9
cg22284302	4.82E-11	3.21E-12	-7.43	16.8597264	-7.14E-02	53163523	53163646	NC_000001.10
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cg18129178	4.93E-11	3.29E-12	-7.43	16.8360347	-1.26E-01	148520854	148520977	NC_000005.9
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cg07236691	5.07E-11	3.39E-12	-7.43	16.8054163	-1.67E-01	120599284	120599407	NC_000008.10
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cg13443911	5.11E-11	3.42E-12	-7.42	16.7967466	-1.89E-01	101866107	101866230	NC_000009.11
cg00965985	5.11E-11	3.43E-12	-7.42	16.7965759	-8.65E-02	122232605	122232728	NC_000003.11
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ch.4.111469F	5.13E-11	3.44E-12	-7.42	16.7929353	-1.68E-02	2705309	2705432	NC_000004.11
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cg25851803	5.15E-11	3.45E-12	-7.42	16.7893804	-3.99E-02	79481404	79481527	NC_000017.10
cg22642495	5.15E-11	3.45E-12	-7.42	16.7893287	-1.67E-01	10197856	10197979	NC_000019.9
ch.1.3958639R	5.16E-11	3.46E-12	-7.42	16.7865968	-3.04E-02	204088385	204088508	NC_000001.10
cg25320668	5.16E-11	3.46E-12	-7.42	16.786521	-6.33E-02	205196970	205197093	NC_000001.10

cg00172803	5.16E-11	3.46E-12	-7.42	16.7864244	-1.15E-01	84076941	84077064	NC_000016.9
cg22703113	5.16E-11	3.46E-12	-7.42	16.785844	-1.05E-01	7185164	7185287	NC_000004.11
cg05384724	5.17E-11	3.46E-12	-7.42	16.7854597	-1.32E-01	124155451	124155574	NC_000012.11
ch.10.30081984F	5.17E-11	3.47E-12	-7.42	16.7847553	-1.06E-01	30041978	30042101	NC_000010.10
cg05173058	5.17E-11	3.47E-12	-7.42	16.7841695	-1.35E-01	93573245	93573368	NC_000015.9
cg09983459	5.20E-11	3.49E-12	-7.42	16.7794023	-5.17E-02	33282495	33282618	NC_000006.11
cg04508114	5.20E-11	3.49E-12	-7.42	16.7780435	-1.25E-01	116444414	116444537	NC_000010.10
cg18183240	5.21E-11	3.49E-12	-7.42	16.7768822	-1.30E-01	127373519	127373642	NC_000003.11
cg06800301	5.21E-11	3.50E-12	-7.42	16.7765504	-9.88E-02	16766912	16767035	NC_000001.10
cg03715070	5.23E-11	3.51E-12	-7.42	16.7725819	-1.58E-01	46124684	46124807	NC_000017.10
cg09595202	5.23E-11	3.51E-12	-7.42	16.7719214	-1.62E-01	156812104	156812227	NC_000007.13
cg02611031	5.23E-11	3.51E-12	-7.42	16.7718544	-5.94E-02	17640532	17640655	NC_000022.10
cg02150344	5.23E-11	3.51E-12	-7.42	16.7717192	-1.82E-01	222987721	222987844	NC_000001.10
cg18450072	5.24E-11	3.52E-12	-7.42	16.7696896	-5.70E-02	40058936	40059059	NC_000004.11
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cg13859346	5.27E-11	3.54E-12	-7.42	16.7654263	-1.78E-01	384506	384629	NC_000010.10
cg04207306	5.27E-11	3.54E-12	-7.42	16.7638318	-1.15E-01	130638259	130638382	NC_000009.11
cg22157027	5.28E-11	3.54E-12	-7.42	16.7634226	-1.31E-01	10638113	10638236	NC_000002.11
cg26391794	5.28E-11	3.54E-12	-7.42	16.7631641	-1.36E-01	49323899	49324022	NC_000013.10
cg02544429	5.28E-11	3.54E-12	-7.42	16.7630075	-3.58E-02	144679651	144679774	NC_000008.10
cg10771518	5.28E-11	3.55E-12	-7.42	16.7626218	-6.21E-02	115439279	115439402	NC_000010.10
cg09605254	5.28E-11	3.55E-12	-7.42	16.7621945	-6.14E-02	124780730	124780853	NC_000008.10
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cg05845831	5.29E-11	3.55E-12	-7.42	16.7604491	-1.38E-01	232476255	232476378	NC_000002.11
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cg01357334	5.30E-11	3.56E-12	-7.42	16.7577866	-7.39E-02	8395052	8395175	NC_000012.11
cg26205217	5.30E-11	3.56E-12	-7.42	16.7576968	-4.85E-02	37529764	37529887	NC_000021.8
cg02858512	5.31E-11	3.56E-12	-7.42	16.7574217	-2.32E-01	1992954	1993077	NC_000017.10
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cg26493188	5.32E-11	3.57E-12	-7.42	16.7550282	-1.16E-01	2975209	2975332	NC_000016.9
cg03954086	5.32E-11	3.57E-12	-7.42	16.7547021	-1.14E-01	117540072	117540195	NC_000012.11
cg13725899	5.32E-11	3.58E-12	-7.42	16.7539283	-1.48E-01	139422109	139422232	NC_000009.11
cg06197377	5.34E-11	3.59E-12	-7.42	16.751392	-8.04E-02	55505061	55505184	NC_000001.10
cg10167235	5.34E-11	3.59E-12	-7.42	16.7506914	-1.72E-01	100807646	100807769	NC_000014.8
cg03255379	5.35E-11	3.59E-12	-7.42	16.7493585	-1.12E-01	85531470	85531593	NC_000002.11
cg23414595	5.35E-11	3.59E-12	-7.42	16.7491011	-1.10E-01	30129607	30129730	NC_000022.10
cg19146448	5.35E-11	3.59E-12	-7.42	16.7491008	-7.91E-02	3263082	3263205	NC_000018.9
cg22884857	5.35E-11	3.60E-12	-7.42	16.7486607	-1.03E-01	24803181	24803304	NC_000015.9
cg24657473	5.36E-11	3.60E-12	-7.42	16.7474022	-8.03E-02	986485	986608	NC_000020.10
cg22524951	5.36E-11	3.60E-12	-7.42	16.7464075	-7.63E-02	91775247	91775370	NC_000012.11
cg09512406	5.37E-11	3.61E-12	-7.42	16.7447723	-1.27E-01	609103	609226	NC_000016.9
cg18186672	5.37E-11	3.61E-12	-7.41	16.7441411	-1.59E-01	71679841	71679964	NC_000002.11
cg18199664	5.38E-11	3.62E-12	-7.41	16.7433725	-9.34E-02	78869963	78870086	NC_000014.8
cg00408597	5.38E-11	3.62E-12	-7.41	16.7425608	-5.30E-02	9685941	9686064	NC_000011.9
cg12033014	5.38E-11	3.62E-12	-7.41	16.7423367	-6.50E-02	176514432	176514555	NC_000005.9
cg20118422	5.39E-11	3.62E-12	-7.41	16.7416675	-2.78E-02	64455210	64455333	NC_000015.9
cg18681014	5.39E-11	3.62E-12	-7.41	16.7416435	-9.94E-02	105660876	105660999	NC_000014.8
cg18085400	5.39E-11	3.62E-12	-7.41	16.7411472	-3.01E-02	2794637	2794760	NC_000004.11

cg06973760	5.39E-11	3.63E-12	-7.41	16.7405922	-2.20E-02	77154869	77154992	NC_000018.9
ch.3.3439883F	5.40E-11	3.63E-12	-7.41	16.7392341	-4.15E-02	176977391	176977514	NC_000003.11
cg03504039	5.40E-11	3.63E-12	-7.41	16.7390454	-1.53E-01	238578435	238578558	NC_000002.11
cg09182678	5.41E-11	3.64E-12	-7.41	16.7365208	-1.47E-01	50328711	50328834	NC_000022.10
cg01591152	5.41E-11	3.64E-12	-7.41	16.7364073	-1.30E-01	119994800	119994923	NC_000011.9
cg14967899	5.41E-11	3.64E-12	-7.41	16.7363097	-4.73E-02	26434689	26434812	NC_000008.10
cg27664687	5.42E-11	3.65E-12	-7.41	16.7343316	-1.05E-01	167126705	167126828	NC_000005.9
ch.8.1011566R	5.42E-11	3.65E-12	-7.41	16.7340701	-4.49E-02	42507619	42507742	NC_000008.10
cg19559392	5.43E-11	3.65E-12	-7.41	16.7331449	-4.77E-02	39103372	39103495	NC_000002.11
cg26606904	5.43E-11	3.65E-12	-7.41	16.7329692	-1.15E-01	247242975	247243098	NC_000001.10
cg15451548	5.43E-11	3.66E-12	-7.41	16.7321508	-1.06E-01	2144873	2144996	NC_000001.10
cg16142218	5.45E-11	3.67E-12	-7.41	16.7285569	-1.27E-01	23101221	23101344	NC_000008.10
cg05897255	5.46E-11	3.67E-12	-7.41	16.7276314	-6.37E-02	149535402	149535525	NC_000007.13
cg06819445	5.46E-11	3.67E-12	-7.41	16.7274504	-4.39E-02	172199278	172199401	NC_000005.9
cg06058923	5.47E-11	3.68E-12	-7.41	16.7259886	-4.52E-02	80488001	80488124	NC_000006.11
cg15857329	5.48E-11	3.69E-12	-7.41	16.7239563	-1.22E-01	144653570	144653693	NC_000008.10
cg03005191	5.48E-11	3.69E-12	-7.41	16.722898	-1.18E-01	12124419	12124542	NC_000011.9
cg25743268	5.48E-11	3.69E-12	-7.41	16.7227201	-1.36E-01	79910595	79910718	NC_000017.10
cg16361253	5.48E-11	3.69E-12	-7.41	16.7225079	-1.31E-01	47624276	47624399	NC_000006.11
cg08980461	5.50E-11	3.71E-12	-7.41	16.7188645	-7.25E-02	124413513	124413636	NC_000009.11
cg13993197	5.50E-11	3.71E-12	-7.41	16.7186074	-1.76E-01	111817803	111817926	NC_000001.10
cg24545602	5.51E-11	3.71E-12	-7.41	16.717902	-1.44E-01	46344839	46344962	NC_000002.11
cg17960556	5.51E-11	3.71E-12	-7.41	16.7178141	-1.05E-01	156837017	156837140	NC_000007.13
cg26348180	5.51E-11	3.71E-12	-7.41	16.7176998	-6.53E-02	193852754	193852877	NC_000003.11
cg10423842	5.51E-11	3.71E-12	-7.41	16.7168783	-1.27E-01	56200769	56200892	NC_000006.11

cg00702126	5.51E-11	3.72E-12	-7.41	16.71647	-1.78E-01	1369793	1369916	NC_000001.10
cg19764940	5.52E-11	3.72E-12	-7.41	16.7152538	-1.16E-01	5141399	5141522	NC_000019.9
cg24323726	5.53E-11	3.73E-12	-7.41	16.7140415	-1.71E-01	111314186	111314309	NC_000003.11
cg09575442	5.53E-11	3.73E-12	-7.41	16.713139	-1.63E-01	223888431	223888554	NC_000001.10
cg23634134	5.53E-11	3.73E-12	-7.41	16.7128428	-8.77E-02	21082393	21082516	NC_000014.8
cg04972459	5.54E-11	3.73E-12	-7.41	16.7119885	-1.46E-01	9460204	9460327	NC_000001.10
cg11891925	5.54E-11	3.74E-12	-7.41	16.7110973	-1.49E-01	13091949	13092072	NC_000010.10
cg21088438	5.55E-11	3.74E-12	-7.41	16.7104576	-1.57E-01	70264869	70264992	NC_000014.8
cg16399368	5.55E-11	3.74E-12	-7.41	16.7094759	-1.16E-01	85517462	85517585	NC_000016.9
cg07621385	5.56E-11	3.75E-12	-7.41	16.7085242	-1.71E-01	123535716	123535839	NC_000003.11
cg14184954	5.56E-11	3.75E-12	-7.41	16.7071043	-1.25E-01	20003184	20003307	NC_000012.11
cg00866814	5.59E-11	3.77E-12	-7.41	16.7029826	-4.81E-02	49017364	49017487	NC_000019.9
cg24994360	5.59E-11	3.77E-12	-7.41	16.7025788	-1.39E-01	242491944	242492067	NC_000002.11
ch.7.2860922R	5.60E-11	3.78E-12	-7.41	16.7006328	-3.68E-02	137545379	137545502	NC_000007.13
cg17341765	5.60E-11	3.78E-12	-7.41	16.7004611	-1.56E-01	65997206	65997329	NC_000012.11
cg17746570	5.61E-11	3.78E-12	-7.41	16.6987318	-1.41E-01	9804355	9804478	NC_000017.10
cg01818776	5.61E-11	3.79E-12	-7.41	16.6979046	-2.45E-01	25202910	25203033	NC_000008.10
cg25763127	5.62E-11	3.79E-12	-7.41	16.6971117	-1.58E-01	33527263	33527386	NC_000010.10
ch.9.109254566R	5.63E-11	3.80E-12	-7.41	16.6953438	-5.12E-02	110214745	110214868	NC_000009.11
cg18011078	5.63E-11	3.80E-12	-7.41	16.6943663	-2.04E-01	1971098	1971221	NC_000007.13
cg14777817	5.64E-11	3.80E-12	-7.41	16.693409	-3.40E-02	80055594	80055717	NC_000013.10
cg03283031	5.64E-11	3.81E-12	-7.41	16.6920432	-7.17E-02	37824238	37824361	NC_000017.10
cg05406923	5.65E-11	3.81E-12	-7.41	16.6913979	-1.23E-01	99090481	99090604	NC_000006.11
cg14803350	5.65E-11	3.81E-12	-7.41	16.6910193	-6.74E-02	159545855	159545978	NC_000005.9
cg21691367	5.66E-11	3.82E-12	-7.41	16.6896287	-1.25E-01	151325642	151325765	NC_000006.11

cg20775959	5.66E-11	3.82E-12	-7.41	16.6896193	-9.41E-02	80696264	80696387	NC_000015.9
cg01520586	5.66E-11	3.82E-12	-7.41	16.6884638	-1.68E-01	50280404	50280527	NC_000003.11
cg11991903	5.67E-11	3.83E-12	-7.41	16.6874313	-1.72E-01	157794519	157794642	NC_000007.13
cg06431514	5.67E-11	3.83E-12	-7.41	16.6864907	-1.61E-01	11299076	11299199	NC_000010.10
cg16676676	5.68E-11	3.83E-12	-7.4	16.6856621	-1.55E-01	228558987	228559110	NC_000001.10
cg10688514	5.69E-11	3.84E-12	-7.4	16.6843691	-5.76E-02	48354852	48354975	NC_000010.10
cg10701640	5.69E-11	3.84E-12	-7.4	16.6828422	-1.14E-01	43249399	43249522	NC_000017.10
cg20636714	5.71E-11	3.85E-12	-7.4	16.6807118	-1.18E-01	5476521	5476644	NC_000010.10
cg23418219	5.71E-11	3.85E-12	-7.4	16.6803439	-8.23E-02	28338684	28338807	NC_000007.13
ch.3.753362R	5.71E-11	3.86E-12	-7.4	16.6795155	-5.38E-02	37048044	37048167	NC_000003.11
cg10936879	5.71E-11	3.86E-12	-7.4	16.6791174	-1.91E-01	74397277	74397400	NC_000010.10
cg00092309	5.72E-11	3.86E-12	-7.4	16.6780266	-1.03E-01	185934797	185934920	NC_000004.11
cg17545652	5.72E-11	3.87E-12	-7.4	16.6774148	-1.18E-01	6261011	6261134	NC_000010.10
cg20040765	5.74E-11	3.88E-12	-7.4	16.6735297	-1.92E-01	67358546	67358669	NC_000008.10
cg14799927	5.75E-11	3.88E-12	-7.4	16.6730096	-1.19E-01	30175074	30175197	NC_000006.11
cg26924440	5.75E-11	3.89E-12	-7.4	16.6721832	-1.67E-01	19276353	19276476	NC_000001.10
cg08883213	5.76E-11	3.89E-12	-7.4	16.6711827	-1.40E-01	55728836	55728959	NC_000019.9
cg16489193	5.78E-11	3.91E-12	-7.4	16.666765	-3.65E-02	33240059	33240182	NC_000006.11
cg27532187	5.78E-11	3.91E-12	-7.4	16.6665132	-3.41E-02	30043354	30043477	NC_000006.11
cg05982271	5.79E-11	3.91E-12	-7.4	16.6652829	-1.21E-01	76555948	76556071	NC_000004.11
cg01999046	5.80E-11	3.92E-12	-7.4	16.6637151	-1.93E-01	139779708	139779831	NC_000009.11
cg07669147	5.80E-11	3.92E-12	-7.4	16.6635524	-5.08E-02	36134735	36134858	NC_000019.9
cg04560093	5.81E-11	3.93E-12	-7.4	16.6622416	-1.93E-01	142217405	142217528	NC_000008.10
cg11745084	5.81E-11	3.93E-12	-7.4	16.6622293	-6.13E-02	47537722	47537845	NC_000020.10
cg10503007	5.81E-11	3.93E-12	-7.4	16.6616369	-1.24E-01	11796989	11797112	NC_000002.11

cg12828018	5.81E-11	3.93E-12	-7.4	16.6615437	-1.52E-01	59437416	59437539	NC_000011.9
cg02803141	5.84E-11	3.95E-12	-7.4	16.6570638	-1.47E-01	85244771	85244894	NC_000016.9
cg00088844	5.84E-11	3.95E-12	-7.4	16.6565003	-1.46E-01	52317349	52317472	NC_000012.11
cg20929922	5.85E-11	3.96E-12	-7.4	16.6541915	-1.04E-01	43484725	43484848	NC_000005.9
cg00347746	5.85E-11	3.96E-12	-7.4	16.6539054	-1.28E-01	48970082	48970205	NC_000019.9
cg07776629	5.86E-11	3.96E-12	-7.4	16.6530916	-1.37E-01	57989122	57989245	NC_000016.9
cg06310422	5.86E-11	3.97E-12	-7.4	16.651648	-1.98E-02	234763532	234763655	NC_000002.11
cg01212071	5.87E-11	3.97E-12	-7.4	16.6508411	-1.16E-01	122041650	122041773	NC_000002.11
cg24547910	5.88E-11	3.98E-12	-7.4	16.6496952	-9.91E-02	100632951	100633074	NC_000004.11
cg09594075	5.88E-11	3.98E-12	-7.4	16.6494123	-7.44E-02	1358505	1358628	NC_000017.10
cg07132183	5.88E-11	3.98E-12	-7.4	16.6482476	-1.72E-01	182873955	182874078	NC_000004.11
cg11316887	5.89E-11	3.99E-12	-7.4	16.6473972	-1.67E-01	29924694	29924817	NC_000010.10
cg19995899	5.89E-11	3.99E-12	-7.4	16.6473302	-1.39E-01	216274747	216274870	NC_000002.11
cg02243386	5.92E-11	4.01E-12	-7.4	16.6423985	-1.24E-01	39234924	39235047	NC_000003.11
cg18548043	5.93E-11	4.01E-12	-7.4	16.6403677	-6.72E-02	100660829	100660952	NC_000012.11
cg03956042	5.93E-11	4.02E-12	-7.4	16.640084	-1.01E-01	194206497	194206620	NC_000003.11
cg01761552	5.93E-11	4.02E-12	-7.4	16.6395386	-5.90E-02	81634971	81635094	NC_000016.9
cg08253374	5.93E-11	4.02E-12	-7.4	16.6392143	-8.97E-02	63670940	63671063	NC_000014.8
cg10690747	5.94E-11	4.03E-12	-7.4	16.6375578	-1.28E-01	43823835	43823958	NC_000021.8
cg05055844	5.95E-11	4.03E-12	-7.4	16.6371618	-1.27E-01	126275997	126276120	NC_000011.9
cg26561207	5.97E-11	4.04E-12	-7.4	16.6338858	-6.69E-02	171615258	171615381	NC_000005.9
cg09269848	5.97E-11	4.04E-12	-7.4	16.6337902	-1.12E-01	1396074	1396197	NC_000017.10
cg02812142	5.97E-11	4.05E-12	-7.4	16.6325142	-1.31E-01	135595323	135595446	NC_000002.11
cg24074448	5.98E-11	4.05E-12	-7.4	16.6321233	-1.27E-01	18768688	18768811	NC_000019.9
cg18019509	5.98E-11	4.05E-12	-7.4	16.6316485	-1.48E-01	86370111	86370234	NC_000006.11

cg18503234	5.99E-11	4.06E-12	-7.4	16.6296355	-1.52E-01	68847839	68847962	NC_000011.9
cg08194458	5.99E-11	4.06E-12	-7.4	16.6293853	-6.81E-02	42054606	42054729	NC_000003.11
cg08759238	5.99E-11	4.06E-12	-7.4	16.628866	-1.45E-01	80879439	80879562	NC_000017.10
cg14095048	6.02E-11	4.08E-12	-7.39	16.6250362	-1.47E-01	25342876	25342999	NC_000022.10
cg01772563	6.02E-11	4.08E-12	-7.39	16.6237037	-7.61E-02	95064399	95064522	NC_000007.13
cg07339138	6.03E-11	4.09E-12	-7.39	16.6228474	-9.83E-02	42820274	42820397	NC_000003.11
cg00615913	6.04E-11	4.09E-12	-7.39	16.6216936	-7.76E-02	37063096	37063219	NC_000020.10
cg24580635	6.04E-11	4.09E-12	-7.39	16.6208698	-7.68E-02	76178542	76178665	NC_000007.13
cg04577212	6.04E-11	4.10E-12	-7.39	16.6201929	-1.50E-01	32179862	32179985	NC_000001.10
cg01040624	6.05E-11	4.10E-12	-7.39	16.6197036	-9.15E-02	124828123	124828246	NC_000003.11
cg26232308	6.05E-11	4.10E-12	-7.39	16.619313	-1.57E-01	18201537	18201660	NC_000001.10
cg19269264	6.05E-11	4.10E-12	-7.39	16.6185089	-6.60E-02	238600693	238600816	NC_000002.11
cg23409613	6.05E-11	4.11E-12	-7.39	16.6184193	-6.79E-02	53196849	53196972	NC_000014.8
cg10525372	6.06E-11	4.11E-12	-7.39	16.616425	-1.70E-01	112375333	112375456	NC_000006.11
cg26532812	6.07E-11	4.12E-12	-7.39	16.6154377	-2.09E-01	133804526	133804649	NC_000011.9
cg05739816	6.07E-11	4.12E-12	-7.39	16.6151769	-2.01E-01	135989395	135989518	NC_000006.11
cg15592062	6.09E-11	4.13E-12	-7.39	16.6122311	-1.15E-01	167189543	167189666	NC_000006.11
cg17484944	6.11E-11	4.14E-12	-7.39	16.6090548	-1.29E-01	122736417	122736540	NC_000008.10
cg15910928	6.12E-11	4.15E-12	-7.39	16.6077267	-5.46E-02	17658838	17658961	NC_000008.10
cg18869709	6.12E-11	4.15E-12	-7.39	16.6074505	-1.42E-01	43342938	43343061	NC_000022.10
cg06109529	6.12E-11	4.16E-12	-7.39	16.6063322	-5.94E-02	134205091	134205214	NC_000003.11
cg09936663	6.12E-11	4.16E-12	-7.39	16.6060897	-1.50E-01	1942462	1942585	NC_000008.10
cg05956058	6.13E-11	4.16E-12	-7.39	16.605765	-7.75E-02	60871066	60871189	NC_000005.9
cg27090007	6.13E-11	4.16E-12	-7.39	16.6047249	-7.05E-02	28519388	28519511	NC_000013.10
cg19005168	6.14E-11	4.17E-12	-7.39	16.6028628	-1.04E-01	27092836	27092959	NC_000013.10



cg02917889	6.15E-11	4.17E-12	-7.39	16.602521	-1.21E-01	131791737	131791860	NC_000002.11
cg16520815	6.15E-11	4.17E-12	-7.39	16.6023744	-1.30E-01	4733181	4733304	NC_000016.9
cg25840824	6.16E-11	4.18E-12	-7.39	16.600431	-1.49E-01	56269575	56269698	NC_000020.10
cg26775751	6.16E-11	4.18E-12	-7.39	16.5998036	-7.27E-02	18610271	18610394	NC_000011.9
cg01738406	6.16E-11	4.18E-12	-7.39	16.5996404	-1.45E-01	124619288	124619411	NC_000011.9
cg11816838	6.17E-11	4.19E-12	-7.39	16.5982242	-1.34E-01	150484093	150484216	NC_000003.11
cg10691866	6.18E-11	4.19E-12	-7.39	16.5972107	-9.05E-02	65817282	65817405	NC_000007.13
cg06470558	6.18E-11	4.20E-12	-7.39	16.5964105	-1.12E-01	176816828	176816951	NC_000005.9
cg26431550	6.19E-11	4.20E-12	-7.39	16.594943	-1.39E-01	24691176	24691299	NC_000001.10
cg12570756	6.20E-11	4.21E-12	-7.39	16.5935063	-4.72E-02	809538	809661	NC_000011.9
cg05431626	6.20E-11	4.21E-12	-7.39	16.5934534	-8.66E-02	80054976	80055099	NC_000013.10
cg25840608	6.20E-11	4.21E-12	-7.39	16.5931444	-1.46E-01	71149242	71149365	NC_000015.9
cg14854901	6.20E-11	4.21E-12	-7.39	16.5931049	-3.85E-02	72793969	72794092	NC_000005.9
cg21090033	6.21E-11	4.22E-12	-7.39	16.591695	-2.15E-01	196065357	196065480	NC_000003.11
cg14645545	6.21E-11	4.22E-12	-7.39	16.5913279	-9.68E-02	219252551	219252674	NC_000002.11
ch.15.47805190R	6.21E-11	4.22E-12	-7.39	16.590947	-4.79E-02	50017898	50018021	NC_000015.9
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cg14751503	6.23E-11	4.23E-12	-7.39	16.5887208	-6.72E-02	8008354	8008477	NC_000011.9
cg10057218	6.24E-11	4.24E-12	-7.39	16.5870338	-1.91E-01	38074149	38074272	NC_000017.10
cg08179771	6.24E-11	4.24E-12	-7.39	16.5866866	-2.57E-02	44509642	44509765	NC_000020.10
cg08509236	6.24E-11	4.24E-12	-7.39	16.586043	-8.80E-02	49208409	49208532	NC_000012.11
cg21412928	6.24E-11	4.24E-12	-7.39	16.5856332	-3.54E-02	30640498	30640621	NC_000006.11
cg08339719	6.25E-11	4.25E-12	-7.39	16.5852111	-6.00E-02	103347733	103347856	NC_000010.10
cg25912717	6.25E-11	4.25E-12	-7.39	16.5844699	-4.24E-02	155176951	155177074	NC_000001.10
cg14742187	6.25E-11	4.25E-12	-7.39	16.5843918	-1.33E-01	111842681	111842804	NC_000010.10

cg13216351	6.25E-11	4.25E-12	-7.39	16.5842661	-4.81E-02	49575105	49575228	NC_000020.10
cg26622211	6.25E-11	4.25E-12	-7.39	16.5836888	-8.35E-02	25021720	25021843	NC_000007.13
cg11614622	6.26E-11	4.26E-12	-7.39	16.5824432	-5.13E-02	66623681	66623804	NC_000011.9
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cg24830314	6.29E-11	4.28E-12	-7.39	16.5782233	-6.20E-02	83775579	83775702	NC_000006.11
cg13450596	6.29E-11	4.28E-12	-7.39	16.5775479	-6.02E-02	62438980	62439103	NC_000011.9
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cg26625319	6.40E-11	4.36E-12	-7.38	16.5600276	-1.89E-02	97001960	97002083	NC_000002.11

cg14290616	6.40E-11	4.36E-12	-7.38	16.5588018	-1.34E-01	40420987	40421110	NC_000022.10
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cg22873177	6.42E-11	4.38E-12	-7.38	16.5554158	-5.35E-02	229761584	229761707	NC_000001.10
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cg17104151	6.52E-11	4.44E-12	-7.38	16.5403699	-1.38E-01	22970132	22970255	NC_000001.10
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cg13140106	6.52E-11	4.45E-12	-7.38	16.5395084	-3.23E-02	26825553	26825676	NC_000022.10
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cg14153897	6.55E-11	4.47E-12	-7.38	16.5346546	-4.63E-02	122513049	122513172	NC_000002.11

cg22900705	6.55E-11	4.47E-12	-7.38	16.5345789	-3.54E-02	155023903	155024026	NC_000001.10
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cg18227944	6.65E-11	4.55E-12	-7.38	16.5181996	-5.51E-02	20439201	20439324	NC_000013.10
cg25241102	6.67E-11	4.56E-12	-7.38	16.515492	-8.89E-02	138721836	138721959	NC_000002.11
ch.19.16613897R	6.68E-11	4.57E-12	-7.38	16.5135235	-2.77E-02	16752897	16753020	NC_000019.9
cg15043926	6.69E-11	4.57E-12	-7.38	16.5133514	-6.69E-02	26863112	26863235	NC_000004.11
cg23256971	6.70E-11	4.57E-12	-7.37	16.5118045	-7.29E-02	71792206	71792329	NC_000011.9
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cg13711950	6.73E-11	4.60E-12	-7.37	16.5069739	-7.86E-02	43729527	43729650	NC_000020.10

cg08766762	6.74E-11	4.61E-12	-7.37	16.5043662	-1.67E-01	37521698	37521821	NC_000006.11
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cg06170203	6.75E-11	4.61E-12	-7.37	16.5035185	-1.01E-01	182897718	182897841	NC_000003.11
cg11461836	6.77E-11	4.63E-12	-7.37	16.5007995	-1.76E-01	176739316	176739439	NC_000005.9
cg25851152	6.77E-11	4.63E-12	-7.37	16.4996336	-1.02E-01	104195371	104195494	NC_000010.10
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cg16026035	6.78E-11	4.64E-12	-7.37	16.4980414	-1.58E-01	70742893	70743016	NC_000005.9
cg20936443	6.79E-11	4.64E-12	-7.37	16.4969347	-1.42E-01	158517462	158517585	NC_000003.11
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cg25867973	6.83E-11	4.67E-12	-7.37	16.4914812	-9.82E-02	77885066	77885189	NC_000017.10
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cg10518262	6.91E-11	4.74E-12	-7.37	16.4779046	-1.65E-02	69455666	69455789	NC_000011.9
cg26888463	6.92E-11	4.74E-12	-7.37	16.477672	-2.20E-01	73186844	73186967	NC_000016.9
cg19826439	6.92E-11	4.74E-12	-7.37	16.4774346	-5.42E-02	226297528	226297651	NC_000001.10

cg07607008	6.92E-11	4.74E-12	-7.37	16.4770171	-4.65E-02	47621905	47622028	NC_000007.13
cg07631828	6.93E-11	4.74E-12	-7.37	16.4761548	-7.94E-02	57582581	57582704	NC_000020.10
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cg18367578	6.94E-11	4.75E-12	-7.37	16.4743166	-1.85E-01	114166446	114166569	NC_000011.9
cg22915945	6.94E-11	4.76E-12	-7.37	16.473453	-1.59E-01	24151625	24151748	NC_000008.10
cg06036471	6.95E-11	4.76E-12	-7.37	16.4721469	-1.50E-01	93861385	93861508	NC_000010.10
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cg21837443	6.96E-11	4.77E-12	-7.37	16.470846	-1.42E-02	110481957	110482080	NC_000004.11
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cg18545991	6.99E-11	4.79E-12	-7.37	16.4669239	-1.11E-01	45740677	45740800	NC_000015.9
cg02054108	6.99E-11	4.79E-12	-7.37	16.4660826	-9.15E-02	61607478	61607601	NC_000002.11
cg12556134	7.00E-11	4.79E-12	-7.37	16.4657077	-1.37E-01	35201610	35201733	NC_000020.10
cg13169491	7.00E-11	4.79E-12	-7.37	16.465635	-1.22E-01	128368940	128369063	NC_000007.13
cg00906908	7.00E-11	4.80E-12	-7.37	16.4648833	-1.48E-01	1514623	1514746	NC_000007.13
cg07969769	7.00E-11	4.80E-12	-7.37	16.4642633	-6.90E-02	49961846	49961969	NC_000005.9
cg05596650	7.01E-11	4.80E-12	-7.37	16.4636333	-9.92E-02	37060693	37060816	NC_000006.11
cg04185310	7.01E-11	4.81E-12	-7.37	16.4630779	-1.34E-01	47717244	47717367	NC_000002.11
cg09999563	7.02E-11	4.81E-12	-7.37	16.4615326	-6.55E-02	57253666	57253789	NC_000004.11
cg08423142	7.03E-11	4.82E-12	-7.37	16.4609776	-1.39E-01	59588622	59588745	NC_000015.9
cg19884965	7.03E-11	4.82E-12	-7.37	16.4609377	-6.90E-02	79150305	79150428	NC_000011.9
cg16504939	7.03E-11	4.82E-12	-7.37	16.4607283	-4.08E-02	10263023	10263146	NC_000002.11
cg09781307	7.03E-11	4.82E-12	-7.37	16.4606463	-1.24E-01	27648324	27648447	NC_000011.9
cg25820960	7.04E-11	4.83E-12	-7.37	16.458165	-1.50E-01	141176036	141176159	NC_000003.11

cg16920551	7.05E-11	4.83E-12	-7.37	16.4578077	-1.30E-01	114136073	114136196	NC_000010.10
cg27517897	7.06E-11	4.84E-12	-7.37	16.4557449	-6.97E-02	45874080	45874203	NC_000019.9
cg18402166	7.06E-11	4.84E-12	-7.37	16.4553414	-1.35E-01	62778279	62778402	NC_000017.10
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cg08098420	7.07E-11	4.85E-12	-7.36	16.4545523	-1.49E-01	66164601	66164724	NC_000016.9
cg10884614	7.07E-11	4.85E-12	-7.36	16.4538445	-6.59E-02	7215252	7215375	NC_000017.10
cg01602621	7.08E-11	4.86E-12	-7.36	16.4531263	-1.51E-01	11689813	11689936	NC_000019.9
cg19286986	7.08E-11	4.86E-12	-7.36	16.4530846	-5.88E-02	6931017	6931140	NC_000012.11
cg12725760	7.09E-11	4.86E-12	-7.36	16.4515562	-1.37E-01	192873912	192874035	NC_000001.10
cg05882691	7.11E-11	4.88E-12	-7.36	16.4489849	-8.82E-02	27777739	27777862	NC_000006.11
cg06784218	7.11E-11	4.88E-12	-7.36	16.4489499	-1.24E-01	46089804	46089927	NC_000001.10
cg15158847	7.11E-11	4.88E-12	-7.36	16.4483636	-1.33E-01	207095315	207095438	NC_000001.10
cg09662852	7.11E-11	4.88E-12	-7.36	16.4479159	-1.30E-01	11707685	11707808	NC_000016.9
cg03394159	7.12E-11	4.89E-12	-7.36	16.4468463	-1.18E-01	29197844	29197967	NC_000008.10
cg18900812	7.12E-11	4.89E-12	-7.36	16.4464507	-1.24E-01	36646127	36646250	NC_000006.11
cg04476341	7.12E-11	4.89E-12	-7.36	16.4462892	-1.45E-01	669733	669856	NC_000005.9
cg10460946	7.13E-11	4.90E-12	-7.36	16.4451492	-1.02E-01	76247467	76247590	NC_000017.10
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cg10492240	7.14E-11	4.90E-12	-7.36	16.4435567	-1.65E-01	3313636	3313759	NC_000004.11
cg11973777	7.15E-11	4.91E-12	-7.36	16.4425786	-6.25E-02	8244085	8244208	NC_000008.10
cg21365364	7.15E-11	4.91E-12	-7.36	16.4424338	-8.47E-02	18568287	18568410	NC_000020.10
cg06357561	7.15E-11	4.91E-12	-7.36	16.441985	-2.32E-01	40439501	40439624	NC_000017.10
cg25810857	7.16E-11	4.92E-12	-7.36	16.4400517	-1.51E-01	75279120	75279243	NC_000017.10
cg05102422	7.17E-11	4.92E-12	-7.36	16.4398094	-4.94E-02	68118149	68118272	NC_000014.8
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cg03249047	7.18E-11	4.93E-12	-7.36	16.4374584	-1.16E-01	80872472	80872595	NC_000017.10
cg14893690	7.20E-11	4.95E-12	-7.36	16.4351693	-5.14E-02	48807223	48807346	NC_000013.10
cg20690667	7.21E-11	4.95E-12	-7.36	16.4337288	-1.89E-01	30652228	30652351	NC_000006.11
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cg25523704	7.27E-11	5.00E-12	-7.36	16.4250006	-1.21E-01	218621486	218621609	NC_000002.11
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cg22524332	7.42E-11	5.11E-12	-7.36	16.4032478	-1.41E-01	17960353	17960476	NC_000001.10
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cg15050577	7.47E-11	5.15E-12	-7.35	16.3959817	-5.88E-02	27024100	27024223	NC_000001.10
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cg23365392	7.51E-11	5.18E-12	-7.35	16.3902492	-9.24E-02	99970074	99970197	NC_000007.13
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cg03065165	7.54E-11	5.20E-12	-7.35	16.3863941	-1.64E-01	228337503	228337626	NC_000001.10
cg01016637	7.54E-11	5.20E-12	-7.35	16.3860629	-7.20E-02	40499947	40500070	NC_000012.11
cg03126821	7.55E-11	5.20E-12	-7.35	16.3854274	-6.81E-02	99076526	99076649	NC_000008.10
cg01397661	7.55E-11	5.20E-12	-7.35	16.3852719	-1.72E-02	6098964	6099087	NC_000007.13

cg25943481	7.55E-11	5.21E-12	-7.35	16.3844691	-1.55E-01	39505883	39506006	NC_000015.9
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cg18760360	7.70E-11	5.31E-12	-7.35	16.3647985	-1.56E-01	60953215	60953338	NC_000015.9
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cg20196291	7.70E-11	5.32E-12	-7.35	16.3637767	-8.46E-02	116164849	116164972	NC_000010.10

cg16307860	7.71E-11	5.32E-12	-7.35	16.3628875	-6.99E-02	222886951	222887074	NC_000001.10
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cg03975815	7.72E-11	5.33E-12	-7.35	16.3616826	-1.58E-01	240270565	240270688	NC_000001.10
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cg01338834	7.74E-11	5.34E-12	-7.35	16.3593107	-7.22E-02	40720919	40721042	NC_000021.8
cg19115610	7.74E-11	5.34E-12	-7.35	16.3587709	-1.15E-01	50348255	50348378	NC_000007.13
cg16295461	7.74E-11	5.35E-12	-7.35	16.3581942	-1.76E-01	154058383	154058506	NC_000004.11
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cg13826618	7.75E-11	5.35E-12	-7.35	16.3571781	-5.20E-02	11828697	11828820	NC_000002.11
cg04823796	7.75E-11	5.35E-12	-7.35	16.3571745	-5.56E-02	139948927	139949050	NC_000009.11
cg07383076	7.75E-11	5.36E-12	-7.35	16.3567687	-1.54E-01	48266305	48266428	NC_000016.9
ch.6.347904R	7.77E-11	5.36E-12	-7.35	16.3552334	-5.33E-02	13786377	13786500	NC_000006.11
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cg06817840	7.92E-11	5.47E-12	-7.34	16.3351235	-3.42E-02	122744213	122744336	NC_000004.11
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cg20881888	7.96E-11	5.51E-12	-7.34	16.3293209	-1.76E-01	50383079	50383202	NC_000003.11
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cg11683364	7.97E-11	5.52E-12	-7.34	16.3271579	-9.80E-02	202205348	202205471	NC_000001.10
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cg17277821	8.01E-11	5.54E-12	-7.34	16.3228039	-4.58E-02	123942602	123942725	NC_000012.11
cg13093793	8.02E-11	5.55E-12	-7.34	16.3214364	-7.16E-02	35099518	35099641	NC_000014.8
cg25450061	8.04E-11	5.57E-12	-7.34	16.3189108	-6.81E-02	86376842	86376965	NC_000008.10
cg16689761	8.04E-11	5.57E-12	-7.34	16.318662	-1.90E-01	141360223	141360346	NC_000007.13
cg25948591	8.05E-11	5.58E-12	-7.34	16.3170625	-1.00E-01	42676997	42677120	NC_000017.10
cg00316341	8.06E-11	5.58E-12	-7.34	16.3165539	-1.46E-01	16898311	16898434	NC_000010.10
cg19653211	8.06E-11	5.58E-12	-7.34	16.3159086	-1.44E-01	18785792	18785915	NC_000011.9
cg09507567	8.06E-11	5.59E-12	-7.34	16.315235	-1.63E-01	124027408	124027531	NC_000010.10
cg21988972	8.07E-11	5.59E-12	-7.34	16.3146003	-1.13E-01	100759623	100759746	NC_000002.11
cg01798385	8.07E-11	5.59E-12	-7.34	16.3140459	-1.46E-01	47284667	47284790	NC_000020.10
cg02398663	8.08E-11	5.59E-12	-7.34	16.3138636	-2.77E-02	45663510	45663633	NC_000018.9
cg03919650	8.08E-11	5.59E-12	-7.34	16.3138244	-1.15E-01	3306855	3306978	NC_000016.9
cg19576798	8.09E-11	5.60E-12	-7.34	16.31244	-1.12E-01	116893334	116893457	NC_000012.11
cg26015973	8.09E-11	5.60E-12	-7.34	16.3119835	-1.13E-01	103599705	103599828	NC_000010.10
cg15193228	8.11E-11	5.62E-12	-7.34	16.3095947	-1.71E-01	30855332	30855455	NC_000022.10
cg21593513	8.11E-11	5.62E-12	-7.34	16.3087662	-3.12E-02	109915530	109915653	NC_000012.11

cg26736099	8.12E-11	5.63E-12	-7.34	16.3077769	-7.74E-02	61989275	61989398	NC_000017.10
cg01345136	8.14E-11	5.64E-12	-7.34	16.305242	-1.20E-01	132904123	132904246	NC_000012.11
cg02959609	8.15E-11	5.65E-12	-7.34	16.3044596	-1.46E-01	151693503	151693626	NC_000001.10
cg22007638	8.15E-11	5.65E-12	-7.34	16.3040478	-8.99E-02	3398886	3399009	NC_000001.10
cg19239930	8.16E-11	5.65E-12	-7.34	16.3035997	-1.10E-01	54368806	54368929	NC_000019.9
cg03020545	8.16E-11	5.66E-12	-7.34	16.3026364	-1.05E-01	73330358	73330481	NC_000006.11
cg09649347	8.17E-11	5.67E-12	-7.34	16.3012344	-1.39E-01	116307551	116307674	NC_000010.10
cg15345388	8.17E-11	5.67E-12	-7.34	16.3010441	-1.42E-01	62116697	62116820	NC_000002.11
cg11053466	8.18E-11	5.67E-12	-7.34	16.2998411	-1.33E-01	6648770	6648893	NC_000012.11
cg03134947	8.18E-11	5.68E-12	-7.34	16.2996516	-1.37E-01	28996021	28996144	NC_000016.9
cg22363368	8.19E-11	5.68E-12	-7.34	16.2993408	-1.59E-01	59126860	59126983	NC_000002.11
cg21148594	8.20E-11	5.69E-12	-7.34	16.2978894	-1.19E-01	65704156	65704279	NC_000014.8
cg24438687	8.21E-11	5.69E-12	-7.34	16.2968411	-3.70E-02	155145879	155146002	NC_000001.10
cg10601968	8.21E-11	5.69E-12	-7.34	16.2963886	-5.84E-02	137090200	137090323	NC_000005.9
cg09657673	8.21E-11	5.70E-12	-7.34	16.2961256	-7.81E-02	24769827	24769950	NC_000016.9
cg11419575	8.21E-11	5.70E-12	-7.34	16.2960209	-1.35E-01	153057378	153057501	NC_000002.11
cg14582226	8.22E-11	5.70E-12	-7.34	16.2953776	-2.29E-02	116164743	116164866	NC_000007.13
cg19460792	8.22E-11	5.70E-12	-7.34	16.2952688	-1.44E-01	47676823	47676946	NC_000015.9
cg10816700	8.22E-11	5.70E-12	-7.34	16.2949592	-4.80E-02	4291837	4291960	NC_000004.11
cg21818361	8.22E-11	5.70E-12	-7.34	16.2945365	-5.12E-02	150740393	150740516	NC_000006.11
cg19197212	8.23E-11	5.71E-12	-7.34	16.2942622	-4.21E-02	62457456	62457579	NC_000015.9
cg06570967	8.23E-11	5.71E-12	-7.34	16.2939432	-1.77E-01	96989650	96989773	NC_000010.10
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cg23921459	8.23E-11	5.71E-12	-7.34	16.2931742	-8.69E-02	207224567	207224690	NC_000001.10

cg14361409	8.23E-11	5.71E-12	-7.34	16.2929887	-7.90E-02	104584098	104584221	NC_000014.8
cg09785394	8.23E-11	5.71E-12	-7.34	16.292971	-1.40E-01	131585563	131585686	NC_000002.11
cg07562487	8.24E-11	5.71E-12	-7.34	16.2928191	-1.28E-01	30759432	30759555	NC_000004.11
ch.2.2787684R	8.24E-11	5.72E-12	-7.34	16.2916927	-4.20E-02	133314520	133314643	NC_000002.11
cg14731570	8.25E-11	5.73E-12	-7.34	16.291026	-9.76E-02	231917214	231917337	NC_000002.11
cg17037491	8.25E-11	5.73E-12	-7.34	16.2904959	-5.32E-02	25280491	25280614	NC_000006.11
cg13537102	8.26E-11	5.73E-12	-7.34	16.2894457	-1.21E-01	132360781	132360904	NC_000009.11
cg23939875	8.26E-11	5.74E-12	-7.34	16.2891439	-8.16E-02	8832272	8832395	NC_000011.9
cg12652585	8.30E-11	5.76E-12	-7.34	16.2852409	-9.18E-02	2634373	2634496	NC_000006.11
cg07810476	8.30E-11	5.76E-12	-7.34	16.2849974	-1.29E-01	59374884	59375007	NC_000001.10
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cg25161283	8.30E-11	5.77E-12	-7.34	16.2839801	-6.10E-02	20103922	20104045	NC_000022.10
cg14107975	8.33E-11	5.78E-12	-7.33	16.2811903	-4.81E-02	96076498	96076621	NC_000011.9
cg04812351	8.37E-11	5.81E-12	-7.33	16.2763254	-1.41E-01	73177995	73178118	NC_000004.11
cg09763439	8.37E-11	5.82E-12	-7.33	16.2753761	-1.13E-01	3473380	3473503	NC_000006.11
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cg16681830	8.39E-11	5.83E-12	-7.33	16.2734549	-3.56E-02	62586920	62587043	NC_000020.10
cg01452581	8.39E-11	5.83E-12	-7.33	16.2732967	-1.50E-01	30131915	30132038	NC_000006.11
cg15833339	8.42E-11	5.85E-12	-7.33	16.2701444	-7.01E-02	86862273	86862396	NC_000001.10
cg09177080	8.45E-11	5.87E-12	-7.33	16.2663306	-9.34E-02	73840822	73840945	NC_000017.10
cg26263773	8.46E-11	5.88E-12	-7.33	16.265138	-5.47E-02	49521926	49522049	NC_000019.9

cg26393630	8.46E-11	5.88E-12	-7.33	16.2647186	-1.48E-01	30399576	30399699	NC_000014.8
cg17588094	8.47E-11	5.89E-12	-7.33	16.2638177	-2.06E-01	128755270	128755393	NC_000008.10
cg24226238	8.47E-11	5.89E-12	-7.33	16.2633742	-1.47E-01	120530774	120530897	NC_000011.9
cg27352063	8.48E-11	5.89E-12	-7.33	16.2625374	-6.93E-02	81107211	81107334	NC_000010.10
cg14947929	8.49E-11	5.90E-12	-7.33	16.2611215	-4.23E-02	43187372	43187495	NC_000021.8
cg14861020	8.49E-11	5.90E-12	-7.33	16.2607094	-2.88E-02	1772352	1772475	NC_000008.10
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cg18536118	8.53E-11	5.93E-12	-7.33	16.2558806	-1.73E-01	14901012	14901135	NC_000005.9
cg21529807	8.56E-11	5.96E-12	-7.33	16.2522079	-1.01E-01	42134478	42134601	NC_000019.9
cg09873544	8.57E-11	5.97E-12	-7.33	16.2505216	-1.07E-01	132882986	132883109	NC_000010.10
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cg25621991	8.59E-11	5.98E-12	-7.33	16.2486664	-1.31E-01	142942670	142942793	NC_000005.9
cg25424659	8.59E-11	5.98E-12	-7.33	16.2484123	-6.40E-02	11450592	11450715	NC_000019.9
cg20742385	8.60E-11	5.98E-12	-7.33	16.2474961	-1.24E-01	113633654	113633777	NC_000013.10
cg26117137	8.61E-11	6.00E-12	-7.33	16.24561	-1.24E-01	123747250	123747373	NC_000010.10
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cg21029201	8.63E-11	6.01E-12	-7.33	16.2436032	-2.94E-02	26022192	26022315	NC_000006.11

cg19558628	8.63E-11	6.01E-12	-7.33	16.2433857	-4.81E-02	24801616	24801739	NC_000014.8
cg06040925	8.63E-11	6.01E-12	-7.33	16.2432205	-1.08E-01	103334345	103334468	NC_000002.11
cg24263283	8.64E-11	6.01E-12	-7.33	16.2428825	-1.66E-01	59587546	59587669	NC_000015.9
cg09414673	8.64E-11	6.02E-12	-7.33	16.24174	-1.19E-01	1022797	1022920	NC_000007.13
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cg11851772	8.67E-11	6.04E-12	-7.33	16.2389802	-4.23E-02	40834459	40834582	NC_000017.10
cg22993937	8.69E-11	6.05E-12	-7.33	16.2368119	-8.44E-02	8477915	8478038	NC_000004.11
cg10992590	8.69E-11	6.05E-12	-7.33	16.2365001	-6.21E-02	130940487	130940610	NC_000002.11
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cg14223856	8.70E-11	6.06E-12	-7.33	16.235494	-1.12E-01	139508740	139508863	NC_000009.11
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cg19584803	8.75E-11	6.10E-12	-7.33	16.2290859	-1.49E-01	37794056	37794179	NC_000017.10
cg06449934	8.77E-11	6.11E-12	-7.33	16.2266825	-1.21E-01	1130697	1130820	NC_000007.13
cg00378144	8.77E-11	6.11E-12	-7.33	16.2264698	-5.14E-02	149895643	149895766	NC_000002.11
cg13432087	8.78E-11	6.11E-12	-7.33	16.2262556	-1.59E-01	41523480	41523603	NC_000008.10
cg02042997	8.79E-11	6.13E-12	-7.32	16.2242323	-1.67E-01	28505886	28506009	NC_000016.9
cg13411879	8.80E-11	6.14E-12	-7.32	16.2228566	-7.19E-02	30068273	30068396	NC_000007.13
cg15646463	8.81E-11	6.14E-12	-7.32	16.2217208	-1.64E-01	51446925	51447048	NC_000002.11
cg02232529	8.82E-11	6.15E-12	-7.32	16.220801	-1.30E-01	88551191	88551314	NC_000016.9
cg19725989	8.85E-11	6.17E-12	-7.32	16.2167743	-3.37E-02	67007604	67007727	NC_000011.9
cg01353464	8.86E-11	6.18E-12	-7.32	16.2157126	-4.65E-02	38180116	38180239	NC_000003.11
cg09967633	8.86E-11	6.18E-12	-7.32	16.2155941	-1.52E-01	84918794	84918917	NC_000016.9
cg07332757	8.87E-11	6.19E-12	-7.32	16.2149234	-1.49E-01	88593924	88594047	NC_000016.9
cg07048479	8.87E-11	6.19E-12	-7.32	16.2148934	-4.65E-02	134351208	134351331	NC_000010.10
cg17501210	8.87E-11	6.19E-12	-7.32	16.214528	-1.25E-01	166970252	166970375	NC_000006.11



cg19111408	8.87E-11	6.19E-12	-7.32	16.2142881	-1.54E-01	67335041	67335164	NC_000015.9
cg02388783	8.88E-11	6.19E-12	-7.32	16.2139431	-4.07E-02	151254619	151254742	NC_000001.10
cg12191293	8.89E-11	6.20E-12	-7.32	16.2123881	-5.92E-02	56882314	56882437	NC_000012.11
cg11386011	8.89E-11	6.20E-12	-7.32	16.2121016	-1.40E-01	32121156	32121279	NC_000006.11
cg21091547	8.89E-11	6.21E-12	-7.32	16.2117987	-1.33E-01	36645500	36645623	NC_000006.11
cg19428417	8.90E-11	6.21E-12	-7.32	16.2111772	-1.41E-01	66959729	66959852	NC_000016.9
cg13073302	8.91E-11	6.21E-12	-7.32	16.2104568	-8.15E-02	637000	637123	NC_000017.10
cg26522239	8.92E-11	6.23E-12	-7.32	16.2086046	-1.42E-01	21199097	21199220	NC_000018.9
cg19845809	8.92E-11	6.23E-12	-7.32	16.2083396	-7.50E-02	57598803	57598926	NC_000015.9
cg04987614	8.93E-11	6.24E-12	-7.32	16.2069612	-4.31E-02	27805362	27805485	NC_000006.11
cg07663723	8.96E-11	6.25E-12	-7.32	16.2042017	-2.09E-02	121264278	121264401	NC_000003.11
ch.9.2793549R	8.98E-11	6.27E-12	-7.32	16.2021351	-2.75E-02	2803549	2803672	NC_000009.11
cg08750554	8.98E-11	6.27E-12	-7.32	16.2019833	-5.54E-02	1005100	1005223	NC_000001.10
cg21074350	9.00E-11	6.28E-12	-7.32	16.1997019	-7.58E-02	101335435	101335558	NC_000007.13
cg21132536	9.00E-11	6.29E-12	-7.32	16.1989919	-1.20E-01	33465180	33465303	NC_000020.10
cg10257729	9.00E-11	6.29E-12	-7.32	16.1988281	-4.78E-02	48216406	48216529	NC_000019.9
cg15832822	9.02E-11	6.30E-12	-7.32	16.1973365	-1.48E-01	45018591	45018714	NC_000015.9
cg27588356	9.02E-11	6.30E-12	-7.32	16.1964767	-1.80E-01	161459571	161459694	NC_000006.11
cg08979352	9.03E-11	6.31E-12	-7.32	16.1957854	-1.46E-01	99580530	99580653	NC_000004.11
ch.15.365777F	9.03E-11	6.31E-12	-7.32	16.1957733	-6.78E-02	39416067	39416190	NC_000015.9
cg07351322	9.04E-11	6.31E-12	-7.32	16.1947696	-1.28E-01	104738380	104738503	NC_000007.13
cg22590522	9.04E-11	6.32E-12	-7.32	16.1942187	-1.35E-01	73629390	73629513	NC_000017.10
cg06878499	9.06E-11	6.33E-12	-7.32	16.1924296	-1.84E-01	239621510	239621633	NC_000001.10
cg07267166	9.07E-11	6.34E-12	-7.32	16.1912774	-5.56E-02	28324019	28324142	NC_000006.11
cg23090046	9.08E-11	6.35E-12	-7.32	16.1898849	-1.25E-01	104094619	104094742	NC_000014.8

cg00705661	9.08E-11	6.35E-12	-7.32	16.1898222	-2.27E-01	93706609	93706732	NC_000014.8
cg03313070	9.08E-11	6.35E-12	-7.32	16.189628	-7.89E-02	24372133	24372256	NC_000022.10
cg24308604	9.10E-11	6.36E-12	-7.32	16.1870691	-9.57E-02	174092462	174092585	NC_000004.11
cg18412304	9.11E-11	6.37E-12	-7.32	16.1867181	-9.99E-02	159742714	159742837	NC_000002.11
cg01240444	9.12E-11	6.37E-12	-7.32	16.1858516	-9.86E-02	124247047	124247170	NC_000012.11
cg00187686	9.12E-11	6.38E-12	-7.32	16.1852298	-1.44E-01	59634218	59634341	NC_000011.9
cg07232063	9.12E-11	6.38E-12	-7.32	16.1850301	-9.38E-02	86953050	86953173	NC_000001.10
cg03312170	9.13E-11	6.38E-12	-7.32	16.1846047	-1.52E-01	53815126	53815249	NC_000016.9
cg15822908	9.14E-11	6.39E-12	-7.32	16.1832977	-5.69E-02	33502755	33502878	NC_000001.10
cg00022688	9.14E-11	6.39E-12	-7.32	16.1830517	-9.17E-02	114136011	114136134	NC_000010.10
cg25804773	9.15E-11	6.40E-12	-7.32	16.1814021	-6.47E-02	97242763	97242886	NC_000010.10
cg27573017	9.15E-11	6.40E-12	-7.32	16.1812133	-1.12E-01	48258708	48258831	NC_000017.10
cg08737815	9.16E-11	6.40E-12	-7.32	16.1811283	-1.29E-01	17381800	17381923	NC_000001.10
cg15030712	9.17E-11	6.41E-12	-7.32	16.1796955	-1.51E-01	29304984	29305107	NC_000007.13
cg15149205	9.18E-11	6.42E-12	-7.32	16.1786057	-1.70E-01	126403700	126403823	NC_000008.10
cg00162064	9.19E-11	6.42E-12	-7.32	16.1776772	-1.05E-01	44998151	44998274	NC_000001.10
cg03255749	9.19E-11	6.42E-12	-7.32	16.1776172	-1.25E-01	739405	739528	NC_000017.10
cg09635874	9.19E-11	6.43E-12	-7.32	16.1766803	-1.17E-01	98952518	98952641	NC_000013.10
cg17183362	9.20E-11	6.43E-12	-7.32	16.1764874	-8.10E-02	31804159	31804282	NC_000006.11
cg15888699	9.20E-11	6.43E-12	-7.32	16.1762773	-6.65E-02	57298252	57298375	NC_000011.9
cg27379587	9.20E-11	6.44E-12	-7.32	16.1760042	-5.69E-02	85201911	85202034	NC_000015.9
cg08975197	9.24E-11	6.46E-12	-7.32	16.171864	-1.71E-01	70173946	70174069	NC_000012.11
cg09667170	9.26E-11	6.48E-12	-7.32	16.1697398	-3.29E-02	172068089	172068212	NC_000005.9
cg25327839	9.26E-11	6.48E-12	-7.32	16.1695776	-3.23E-02	73308997	73309120	NC_000011.9
cg00033165	9.27E-11	6.48E-12	-7.32	16.1686179	-1.73E-01	169952114	169952237	NC_000004.11

cg10801633	9.28E-11	6.50E-12	-7.31	16.1666988	-1.01E-01	10579190	10579313	NC_000001.10
cg23704082	9.28E-11	6.50E-12	-7.31	16.1665803	-2.80E-02	160167518	160167641	NC_000003.11
cg18163092	9.31E-11	6.52E-12	-7.31	16.163218	-1.95E-01	197246936	197247059	NC_000003.11
cg08035351	9.32E-11	6.52E-12	-7.31	16.1631507	-1.55E-01	130005993	130006116	NC_000007.13
cg00256675	9.33E-11	6.53E-12	-7.31	16.1616037	-1.30E-01	802962	803085	NC_000004.11
ch.8.53573583F	9.34E-11	6.54E-12	-7.31	16.1605705	-3.80E-02	53411030	53411153	NC_000008.10
cg25619717	9.35E-11	6.54E-12	-7.31	16.1596204	-1.50E-01	114867569	114867692	NC_000005.9
cg26585416	9.35E-11	6.54E-12	-7.31	16.159613	-1.49E-01	3969745	3969868	NC_000019.9
cg19070139	9.37E-11	6.56E-12	-7.31	16.1574413	-4.31E-02	42928517	42928640	NC_000006.11
cg05255580	9.37E-11	6.56E-12	-7.31	16.1570966	-1.30E-01	4207676	4207799	NC_000019.9
cg24462992	9.37E-11	6.56E-12	-7.31	16.1565423	-1.49E-01	84502511	84502634	NC_000010.10
cg25211525	9.38E-11	6.57E-12	-7.31	16.1559931	-2.08E-02	3751739	3751862	NC_000006.11
cg00633768	9.38E-11	6.57E-12	-7.31	16.1559192	-1.54E-01	131496287	131496410	NC_000012.11
cg06034771	9.41E-11	6.59E-12	-7.31	16.1529796	-5.12E-02	91260647	91260770	NC_000015.9
cg09974772	9.42E-11	6.60E-12	-7.31	16.1514246	-1.13E-01	1896512	1896635	NC_000006.11
cg23914149	9.42E-11	6.60E-12	-7.31	16.1514096	-1.05E-01	61725773	61725896	NC_000010.10
cg09408366	9.44E-11	6.61E-12	-7.31	16.1494595	-1.54E-01	84462335	84462458	NC_000001.10
cg05734220	9.44E-11	6.61E-12	-7.31	16.1492549	-3.24E-02	103524410	103524533	NC_000014.8
cg16698814	9.45E-11	6.62E-12	-7.31	16.1481793	-8.25E-02	51524763	51524886	NC_000019.9
cg00783730	9.45E-11	6.62E-12	-7.31	16.1480867	-6.37E-02	30689216	30689339	NC_000006.11
cg23632393	9.45E-11	6.62E-12	-7.31	16.1480246	-1.34E-01	2145116	2145239	NC_000001.10
cg08944347	9.47E-11	6.64E-12	-7.31	16.1459142	-9.38E-02	76087149	76087272	NC_000007.13
cg01917209	9.51E-11	6.67E-12	-7.31	16.1412093	-1.57E-01	49938721	49938844	NC_000003.11
cg13253856	9.51E-11	6.67E-12	-7.31	16.1411176	-8.35E-02	1702693	1702816	NC_000006.11
cg02702693	9.51E-11	6.67E-12	-7.31	16.1410277	-1.30E-01	116808845	116808968	NC_000012.11

cg15203735	9.52E-11	6.67E-12	-7.31	16.1402463	-2.15E-01	48573302	48573425	NC_000010.10
cg17633300	9.52E-11	6.68E-12	-7.31	16.1398001	-5.83E-02	172356674	172356797	NC_000005.9
cg05634376	9.53E-11	6.68E-12	-7.31	16.1387069	-1.54E-01	66659993	66660116	NC_000011.9
cg16069079	9.55E-11	6.69E-12	-7.31	16.1372514	-1.03E-01	41219238	41219361	NC_000015.9
cg21759837	9.55E-11	6.70E-12	-7.31	16.1370902	-9.50E-02	70925809	70925932	NC_000015.9
cg05769106	9.55E-11	6.70E-12	-7.31	16.1367794	-1.27E-01	178649743	178649866	NC_000004.11
cg26680517	9.56E-11	6.70E-12	-7.31	16.1358153	-5.74E-02	39005834	39005957	NC_000002.11
cg01200021	9.57E-11	6.71E-12	-7.31	16.1344873	-1.68E-01	40359007	40359130	NC_000006.11
cg23865980	9.58E-11	6.72E-12	-7.31	16.1341197	-1.72E-01	80904376	80904499	NC_000010.10
cg23138772	9.59E-11	6.72E-12	-7.31	16.1329921	-1.09E-01	179108129	179108252	NC_000005.9
cg18445292	9.59E-11	6.73E-12	-7.31	16.1320663	-2.24E-01	68610381	68610504	NC_000011.9
cg02737384	9.61E-11	6.74E-12	-7.31	16.1303241	-9.24E-02	45470199	45470322	NC_000010.10
cg04841389	9.62E-11	6.75E-12	-7.31	16.1292279	-1.05E-01	32015083	32015206	NC_000006.11
cg21505886	9.62E-11	6.75E-12	-7.31	16.1291395	-1.29E-01	1724428	1724551	NC_000004.11
cg15700850	9.63E-11	6.76E-12	-7.31	16.1279121	-1.23E-01	73720840	73720963	NC_000017.10
cg24765602	9.64E-11	6.76E-12	-7.31	16.1276154	-8.94E-02	65006071	65006194	NC_000014.8
cg17770096	9.64E-11	6.76E-12	-7.31	16.1272697	-7.86E-02	121078022	121078145	NC_000012.11
cg26861995	9.65E-11	6.77E-12	-7.31	16.1260035	-1.74E-01	127831673	127831796	NC_000003.11
cg17223520	9.69E-11	6.80E-12	-7.31	16.1217178	-1.41E-01	32739114	32739237	NC_000001.10
cg03317463	9.70E-11	6.81E-12	-7.31	16.120883	-2.10E-02	67193191	67193314	NC_000016.9
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cg18977656	9.71E-11	6.82E-12	-7.31	16.119373	-6.30E-02	101965385	101965508	NC_000008.10
cg26413691	9.71E-11	6.82E-12	-7.31	16.1193688	-1.44E-01	7119074	7119197	NC_000001.10
cg09164206	9.72E-11	6.83E-12	-7.31	16.11815	-1.47E-01	70786271	70786394	NC_000015.9
cg16563178	9.73E-11	6.83E-12	-7.31	16.1178301	-6.21E-02	50358443	50358566	NC_000003.11

cg25673241	9.73E-11	6.83E-12	-7.31	16.1173896	-1.46E-01	78694856	78694979	NC_000017.10
cg09856611	9.73E-11	6.83E-12	-7.31	16.1173325	-1.11E-01	73403300	73403423	NC_000003.11
cg02674114	9.74E-11	6.84E-12	-7.31	16.1160272	-3.73E-02	44821169	44821292	NC_000001.10
cg26843872	9.76E-11	6.85E-12	-7.31	16.1142987	-1.06E-01	30368792	30368915	NC_000016.9
cg10759590	9.77E-11	6.86E-12	-7.31	16.1131376	-8.53E-02	24898874	24898997	NC_000014.8
cg14507088	9.78E-11	6.86E-12	-7.31	16.1125833	-9.60E-02	130690399	130690522	NC_000009.11
cg15754630	9.79E-11	6.87E-12	-7.31	16.1115286	-1.00E-01	101733491	101733614	NC_000015.9
cg22507639	9.80E-11	6.88E-12	-7.31	16.1103141	-7.52E-02	45580011	45580134	NC_000019.9
cg16489259	9.80E-11	6.88E-12	-7.31	16.1102561	-1.20E-01	32438418	32438541	NC_000010.10
cg19559891	9.80E-11	6.88E-12	-7.31	16.1095841	-1.65E-01	31515984	31516107	NC_000015.9
cg16106360	9.81E-11	6.89E-12	-7.3	16.1091982	-1.55E-01	37308900	37309023	NC_000017.10
cg05512561	9.81E-11	6.89E-12	-7.3	16.1091789	-1.56E-01	33925656	33925779	NC_000013.10
cg06303875	9.82E-11	6.90E-12	-7.3	16.1073706	-1.28E-01	28543515	28543638	NC_000013.10
cg18776992	9.83E-11	6.90E-12	-7.3	16.1067112	-4.55E-02	48113764	48113887	NC_000019.9
cg19450816	9.83E-11	6.91E-12	-7.3	16.1065312	-1.93E-01	237551858	237551981	NC_000002.11
cg02855836	9.83E-11	6.91E-12	-7.3	16.1064253	-9.36E-02	116710530	116710653	NC_000001.10
cg21650243	9.84E-11	6.91E-12	-7.3	16.1054016	-1.52E-01	239330171	239330294	NC_000002.11
cg18355311	9.84E-11	6.91E-12	-7.3	16.1052923	-1.25E-01	86269650	86269773	NC_000011.9
cg14387452	9.84E-11	6.92E-12	-7.3	16.1052466	-1.01E-01	20512334	20512457	NC_000009.11
cg09389280	9.85E-11	6.92E-12	-7.3	16.1040883	-1.21E-01	170141005	170141128	NC_000003.11
cg12062099	9.85E-11	6.92E-12	-7.3	16.1038756	-7.48E-02	85527597	85527720	NC_000001.10
cg01940708	9.87E-11	6.94E-12	-7.3	16.1024325	-1.08E-01	29721727	29721850	NC_000017.10
cg02334660	9.87E-11	6.94E-12	-7.3	16.102142	-1.57E-01	75312483	75312606	NC_000004.11
cg19809988	9.87E-11	6.94E-12	-7.3	16.1017103	-1.38E-01	149569883	149570006	NC_000007.13
ch.9.87682774F	9.87E-11	6.94E-12	-7.3	16.1016652	-5.61E-02	88492954	88493077	NC_000009.11

cg07126115	9.88E-11	6.94E-12	-7.3	16.1012911	-1.40E-01	133028089	133028212	NC_000012.11
cg12100751	9.89E-11	6.96E-12	-7.3	16.0995914	-1.11E-01	109203672	109203795	NC_000001.10
cg05202720	9.91E-11	6.97E-12	-7.3	16.0974082	-6.75E-02	44486028	44486151	NC_000020.10
ch.7.109948253R	9.93E-11	6.98E-12	-7.3	16.0958647	-1.44E-02	110161017	110161140	NC_000007.13
cg15812586	9.95E-11	7.00E-12	-7.3	16.0934819	-1.86E-01	139953117	139953240	NC_000007.13
cg19650755	9.96E-11	7.00E-12	-7.3	16.0928688	-7.24E-02	68617143	68617266	NC_000012.11
cg22209573	9.96E-11	7.01E-12	-7.3	16.0924845	-1.42E-01	79652244	79652367	NC_000017.10
cg09109724	9.96E-11	7.01E-12	-7.3	16.092325	-1.14E-01	135093195	135093318	NC_000010.10
cg20351171	9.97E-11	7.01E-12	-7.3	16.0914886	-9.06E-02	37720723	37720846	NC_000022.10
cg23052861	9.99E-11	7.03E-12	-7.3	16.0897448	-9.16E-02	69448387	69448510	NC_000014.8
cg09950681	1.00E-10	7.06E-12	-7.3	16.0848913	-1.30E-01	393392	393515	NC_000011.9
cg05081953	1.00E-10	7.07E-12	-7.3	16.083795	-1.08E-01	158184543	158184666	NC_000002.11
cg17971649	1.00E-10	7.07E-12	-7.3	16.0837823	-1.38E-01	36153225	36153348	NC_000020.10
cg22188603	1.00E-10	7.07E-12	-7.3	16.0836869	-1.55E-01	142243769	142243892	NC_000005.9
cg25049341	1.00E-10	7.07E-12	-7.3	16.0832758	-1.02E-01	102906949	102907072	NC_000010.10
cg15757019	1.00E-10	7.07E-12	-7.3	16.0832169	-1.29E-01	149756665	149756788	NC_000004.11
cg24239195	1.01E-10	7.09E-12	-7.3	16.0812731	-1.19E-01	116828932	116829055	NC_000012.11
cg05457221	1.01E-10	7.10E-12	-7.3	16.0795473	-1.37E-01	134272437	134272560	NC_000010.10
cg07505293	1.01E-10	7.10E-12	-7.3	16.0791517	-1.99E-02	36546291	36546414	NC_000019.9
cg00078025	1.01E-10	7.11E-12	-7.3	16.0781193	-7.34E-02	117159975	117160098	NC_000009.11
cg14159818	1.01E-10	7.11E-12	-7.3	16.0778335	-5.98E-02	3749519	3749642	NC_000020.10
cg03669367	1.01E-10	7.12E-12	-7.3	16.076346	-1.41E-01	1031588	1031711	NC_000007.13
cg26298737	1.01E-10	7.13E-12	-7.3	16.0752506	-1.87E-01	225964937	225965060	NC_000001.10
cg19250113	1.01E-10	7.14E-12	-7.3	16.0741917	-1.77E-01	29298832	29298955	NC_000017.10
cg21836827	1.01E-10	7.15E-12	-7.3	16.0728381	-4.38E-02	29720549	29720672	NC_000006.11

cg13249593	1.02E-10	7.16E-12	-7.3	16.0715607	-2.13E-02	39705234	39705357	NC_000017.10
cg07757885	1.02E-10	7.16E-12	-7.3	16.0712934	-9.10E-02	50219072	50219195	NC_000005.9
cg15712520	1.02E-10	7.17E-12	-7.3	16.0703312	-1.28E-01	32049263	32049386	NC_000006.11
cg08478685	1.02E-10	7.17E-12	-7.3	16.069501	-1.53E-01	10471301	10471424	NC_000002.11
cg04919519	1.02E-10	7.18E-12	-7.3	16.0688362	-7.38E-02	103524989	103525112	NC_000014.8
cg05360477	1.02E-10	7.19E-12	-7.3	16.0673975	-1.19E-01	12959313	12959436	NC_000002.11
cg25293251	1.02E-10	7.19E-12	-7.3	16.0666951	-8.94E-02	93260171	93260294	NC_000014.8
ch.6.751103R	1.02E-10	7.20E-12	-7.3	16.0654578	-4.90E-02	31113865	31113988	NC_000006.11
cg22782017	1.02E-10	7.20E-12	-7.3	16.0654194	-1.22E-01	168785895	168786018	NC_000006.11
cg18265887	1.02E-10	7.21E-12	-7.3	16.0637258	-5.43E-02	37640250	37640373	NC_000022.10
cg11051139	1.02E-10	7.21E-12	-7.3	16.063685	-1.66E-01	52580428	52580551	NC_000012.11
cg18791730	1.02E-10	7.21E-12	-7.3	16.0635094	-9.62E-02	119910205	119910328	NC_000001.10
cg14419740	1.03E-10	7.26E-12	-7.3	16.0579037	-1.46E-01	157483335	157483458	NC_000007.13
cg08679951	1.03E-10	7.26E-12	-7.3	16.0570251	-1.18E-01	116737690	116737813	NC_000003.11
cg23950233	1.03E-10	7.27E-12	-7.3	16.0566045	-1.93E-01	33245739	33245862	NC_000006.11
cg27140441	1.03E-10	7.27E-12	-7.3	16.0556831	-3.49E-02	184328596	184328719	NC_000004.11
ch.10.1515233F	1.03E-10	7.29E-12	-7.3	16.0536667	-5.18E-02	73039321	73039444	NC_000010.10
cg24586039	1.03E-10	7.30E-12	-7.3	16.0522661	-1.49E-01	30359221	30359344	NC_000008.10
cg13650687	1.04E-10	7.30E-12	-7.29	16.0519828	-6.22E-02	71655974	71656097	NC_000010.10
cg20385686	1.04E-10	7.30E-12	-7.29	16.0519805	-6.90E-02	27024451	27024574	NC_000001.10
cg01262865	1.04E-10	7.33E-12	-7.29	16.047833	-9.60E-02	75282094	75282217	NC_000016.9
cg22655521	1.04E-10	7.34E-12	-7.29	16.0462189	-8.08E-02	48194939	48195062	NC_000017.10
cg07706375	1.04E-10	7.35E-12	-7.29	16.0448241	-1.56E-01	13947646	13947769	NC_000019.9
cg00175573	1.04E-10	7.36E-12	-7.29	16.0445444	-1.84E-01	20433203	20433326	NC_000020.10
cg05178604	1.04E-10	7.36E-12	-7.29	16.0435623	-2.88E-02	67193015	67193138	NC_000016.9

cg19655128	1.04E-10	7.37E-12	-7.29	16.0425355	-5.63E-02	48227965	48228088	NC_000017.10
cg05779441	1.04E-10	7.37E-12	-7.29	16.0421072	-1.23E-01	201574716	201574839	NC_000001.10
cg10491122	1.04E-10	7.37E-12	-7.29	16.0420006	-1.28E-01	217886461	217886584	NC_000001.10
cg13275679	1.04E-10	7.38E-12	-7.29	16.0418358	-1.33E-01	73151149	73151272	NC_000017.10
cg01646665	1.05E-10	7.38E-12	-7.29	16.0406322	-9.30E-02	156251436	156251559	NC_000001.10
cg00597087	1.05E-10	7.39E-12	-7.29	16.0398992	-5.70E-02	3557418	3557541	NC_000019.9
cg24333189	1.05E-10	7.40E-12	-7.29	16.0389207	-1.33E-01	169483132	169483255	NC_000003.11
cg09578353	1.05E-10	7.41E-12	-7.29	16.0377657	-6.85E-02	10490236	10490359	NC_000001.10
cg15450966	1.05E-10	7.41E-12	-7.29	16.0372839	-9.78E-02	3486039	3486162	NC_000004.11
cg13892750	1.05E-10	7.41E-12	-7.29	16.0372169	-6.24E-02	136293722	136293845	NC_000009.11
cg24104128	1.05E-10	7.41E-12	-7.29	16.0367958	-4.25E-02	33796038	33796161	NC_000011.9
cg06927323	1.05E-10	7.43E-12	-7.29	16.0345768	-1.34E-01	45809727	45809850	NC_000017.10
cg03898562	1.05E-10	7.44E-12	-7.29	16.0333129	-4.17E-02	151047520	151047643	NC_000007.13
cg10785340	1.06E-10	7.46E-12	-7.29	16.0301926	-1.40E-01	134715577	134715700	NC_000005.9
cg07364927	1.06E-10	7.47E-12	-7.29	16.029732	-1.21E-01	230307593	230307716	NC_000001.10
cg13124080	1.06E-10	7.47E-12	-7.29	16.0293257	-1.46E-01	157227290	157227413	NC_000007.13
cg14539658	1.06E-10	7.47E-12	-7.29	16.0288637	-1.04E-01	21495146	21495269	NC_000014.8
cg19865134	1.06E-10	7.47E-12	-7.29	16.0288581	-8.52E-02	27170041	27170164	NC_000017.10
cg02299940	1.06E-10	7.48E-12	-7.29	16.0280107	-1.19E-01	23765912	23766035	NC_000016.9
cg06513075	1.06E-10	7.49E-12	-7.29	16.0269338	-2.40E-02	34126714	34126837	NC_000011.9
cg23885932	1.06E-10	7.50E-12	-7.29	16.024928	-2.19E-01	1132294	1132417	NC_000019.9
ch.1.4634054R	1.06E-10	7.51E-12	-7.29	16.0244737	-3.75E-02	234802569	234802692	NC_000001.10
ch.1.1416966F	1.06E-10	7.51E-12	-7.29	16.0242023	-6.38E-02	46120786	46120909	NC_000001.10
cg24536146	1.06E-10	7.52E-12	-7.29	16.0231903	-8.47E-02	207997166	207997289	NC_000001.10
cg06882340	1.06E-10	7.53E-12	-7.29	16.0214287	-2.27E-01	16475233	16475356	NC_000001.10



cg17645677	1.06E-10	7.53E-12	-7.29	16.0213369	-1.39E-01	149185704	149185827	NC_000005.9
cg07441944	1.07E-10	7.53E-12	-7.29	16.0211838	-1.90E-01	44623459	44623582	NC_000011.9
cg25254739	1.07E-10	7.53E-12	-7.29	16.0210725	-1.10E-01	3290345	3290468	NC_000019.9
cg26273886	1.07E-10	7.53E-12	-7.29	16.0208242	-2.62E-02	17950694	17950817	NC_000020.10
ch.18.925095F	1.07E-10	7.54E-12	-7.29	16.020446	-4.73E-02	47307628	47307751	NC_000018.9
cg20574153	1.07E-10	7.54E-12	-7.29	16.0203188	-2.77E-02	62493555	62493678	NC_000017.10
cg01617018	1.07E-10	7.54E-12	-7.29	16.0198701	-1.62E-01	30116135	30116258	NC_000016.9
cg00261665	1.07E-10	7.55E-12	-7.29	16.018551	-5.55E-02	131101138	131101261	NC_000003.11
cg17948798	1.07E-10	7.55E-12	-7.29	16.0185111	-6.14E-02	65292462	65292585	NC_000011.9
cg23577033	1.07E-10	7.56E-12	-7.29	16.0175629	-1.69E-01	75636861	75636984	NC_000010.10
cg07774299	1.07E-10	7.56E-12	-7.29	16.0170414	-7.33E-02	76253445	76253568	NC_000001.10
cg14796406	1.07E-10	7.57E-12	-7.29	16.0157418	-1.28E-01	80547689	80547812	NC_000007.13
cg16616971	1.07E-10	7.58E-12	-7.29	16.0154422	-1.07E-01	3876783	3876906	NC_000004.11
cg24500304	1.07E-10	7.58E-12	-7.29	16.0150821	-7.80E-02	235291357	235291480	NC_000001.10
cg17651255	1.07E-10	7.58E-12	-7.29	16.0150757	-9.39E-02	25559743	25559866	NC_000001.10
cg14278345	1.07E-10	7.59E-12	-7.29	16.0130212	-1.08E-01	50451054	50451177	NC_000022.10
cg12077487	1.07E-10	7.60E-12	-7.29	16.0129808	-1.84E-01	3290030	3290153	NC_000019.9
cg13248847	1.07E-10	7.60E-12	-7.29	16.0126515	-6.69E-02	7137857	7137980	NC_000017.10
cg06481786	1.07E-10	7.60E-12	-7.29	16.0121821	-5.11E-02	34257936	34258059	NC_000017.10
cg17422915	1.07E-10	7.60E-12	-7.29	16.0120014	-1.68E-01	126507786	126507909	NC_000011.9
cg10313368	1.07E-10	7.60E-12	-7.29	16.011962	-1.28E-01	8935228	8935351	NC_000001.10
cg02965250	1.08E-10	7.62E-12	-7.29	16.0102694	-2.42E-02	41132138	41132261	NC_000017.10
cg02068981	1.08E-10	7.62E-12	-7.29	16.0097097	-1.21E-01	54907137	54907260	NC_000014.8
cg05644480	1.08E-10	7.62E-12	-7.29	16.0092208	-1.35E-01	45418020	45418143	NC_000019.9
cg22378095	1.08E-10	7.63E-12	-7.29	16.0087809	-1.48E-01	113340447	113340570	NC_000006.11

cg00978855	1.08E-10	7.66E-12	-7.29	16.0042231	-8.88E-02	28928948	28929071	NC_000008.10
cg08811509	1.08E-10	7.67E-12	-7.29	16.0034778	-6.60E-02	95640366	95640489	NC_000009.11
cg02713951	1.09E-10	7.69E-12	-7.29	16.0011619	-9.05E-02	46516291	46516414	NC_000022.10
cg01435643	1.09E-10	7.69E-12	-7.29	16.0009392	-1.65E-01	113689776	113689899	NC_000013.10
cg13675721	1.09E-10	7.69E-12	-7.29	16.0005104	-2.42E-01	140227273	140227396	NC_000007.13
cg14258078	1.09E-10	7.70E-12	-7.29	15.9995999	-1.53E-01	62051773	62051896	NC_000017.10
cg01300684	1.09E-10	7.70E-12	-7.29	15.9993265	-1.18E-01	141230118	141230241	NC_000004.11
cg22191981	1.09E-10	7.71E-12	-7.29	15.9979648	-2.24E-01	41472382	41472505	NC_000006.11
cg22356009	1.09E-10	7.71E-12	-7.29	15.9977918	-6.03E-02	25143672	25143795	NC_000002.11
cg07899983	1.09E-10	7.72E-12	-7.29	15.9972849	-7.78E-02	73929634	73929757	NC_000002.11
cg05100917	1.09E-10	7.72E-12	-7.29	15.9970319	-7.42E-02	117198460	117198583	NC_000011.9
cg08661469	1.09E-10	7.72E-12	-7.29	15.9965577	-8.17E-02	72732823	72732946	NC_000017.10
ch.7.107350695F	1.09E-10	7.72E-12	-7.29	15.9965371	-2.03E-02	107563459	107563582	NC_000007.13
cg12044693	1.09E-10	7.74E-12	-7.29	15.9946949	-1.57E-01	80873769	80873892	NC_000006.11
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cg18523886	1.09E-10	7.75E-12	-7.28	15.9929682	-1.77E-01	39126551	39126674	NC_000020.10
cg25636933	1.10E-10	7.76E-12	-7.28	15.9912361	-1.26E-01	56816405	56816528	NC_000004.11
cg11818841	1.10E-10	7.77E-12	-7.28	15.9909663	-9.02E-02	18666537	18666660	NC_000008.10
cg05396156	1.10E-10	7.77E-12	-7.28	15.9909018	-1.63E-01	219497045	219497168	NC_000001.10
cg02326058	1.10E-10	7.77E-12	-7.28	15.9906648	-1.37E-01	8993102	8993225	NC_000008.10
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cg08550026	1.10E-10	7.79E-12	-7.28	15.9885328	-4.16E-02	19734588	19734711	NC_000011.9
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cg17083504	1.10E-10	7.80E-12	-7.28	15.9867525	-3.03E-02	49365123	49365246	NC_000012.11

cg18542842	1.10E-10	7.80E-12	-7.28	15.9864555	-1.80E-01	63857914	63858037	NC_000003.11
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cg23612030	1.10E-10	7.83E-12	-7.28	15.9832711	-9.74E-02	96811533	96811656	NC_000002.11
cg17790273	1.11E-10	7.84E-12	-7.28	15.9816124	-1.49E-01	49040709	49040832	NC_000017.10
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cg25362248	1.13E-10	7.99E-12	-7.28	15.9629895	-4.41E-02	31192015	31192138	NC_000001.10
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cg12078510	1.13E-10	8.02E-12	-7.28	15.9589443	-5.99E-02	53030774	53030897	NC_000019.9
cg10221172	1.13E-10	8.04E-12	-7.28	15.9567687	-9.49E-02	148840821	148840944	NC_000006.11
cg00930615	1.13E-10	8.04E-12	-7.28	15.9564937	-6.88E-02	60690667	60690790	NC_000015.9
cg02652597	1.13E-10	8.05E-12	-7.28	15.9562396	-1.26E-01	85811292	85811415	NC_000002.11
cg07625783	1.14E-10	8.07E-12	-7.28	15.9527615	-1.88E-01	159796617	159796740	NC_000001.10
cg00637802	1.14E-10	8.08E-12	-7.28	15.9517186	-1.00E-01	113590234	113590357	NC_000012.11
cg14084896	1.14E-10	8.09E-12	-7.28	15.9511368	-1.44E-01	40530702	40530825	NC_000006.11
cg02999385	1.14E-10	8.10E-12	-7.28	15.9501554	-1.58E-01	57846754	57846877	NC_000016.9
cg10574843	1.14E-10	8.11E-12	-7.28	15.9490241	-1.13E-01	1994902	1995025	NC_000011.9
cg00719439	1.14E-10	8.11E-12	-7.28	15.9488648	-7.89E-02	30409325	30409448	NC_000020.10
cg22331017	1.14E-10	8.11E-12	-7.28	15.948297	-2.39E-02	45936214	45936337	NC_000018.9
cg25560965	1.14E-10	8.11E-12	-7.28	15.9478932	-6.69E-02	12510064	12510187	NC_000012.11
cg26576657	1.14E-10	8.12E-12	-7.28	15.9472182	-2.25E-02	30718510	30718633	NC_000004.11
cg12947138	1.14E-10	8.13E-12	-7.28	15.9462165	-1.12E-01	71475303	71475426	NC_000005.9
cg10598776	1.14E-10	8.13E-12	-7.28	15.9459016	-1.37E-01	29738578	29738701	NC_000010.10
cg26343667	1.14E-10	8.14E-12	-7.28	15.9447413	-6.01E-02	156391915	156392038	NC_000003.11
cg23154272	1.15E-10	8.15E-12	-7.28	15.9434656	-1.20E-01	154966068	154966191	NC_000001.10
cg01109535	1.15E-10	8.15E-12	-7.28	15.9432962	-8.97E-02	24856104	24856227	NC_000016.9
cg13448625	1.15E-10	8.17E-12	-7.28	15.9414174	-1.52E-01	105845238	105845361	NC_000010.10
cg17351154	1.15E-10	8.20E-12	-7.27	15.9371564	-9.61E-02	46181428	46181551	NC_000019.9
cg26188825	1.15E-10	8.21E-12	-7.27	15.9369157	-1.58E-01	15578074	15578197	NC_000006.11
cg01817521	1.15E-10	8.21E-12	-7.27	15.9366389	-9.09E-02	61584108	61584231	NC_000020.10
cg07139284	1.15E-10	8.22E-12	-7.27	15.9355556	-8.09E-02	30948641	30948764	NC_000012.11
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cg21386933	1.16E-10	8.23E-12	-7.27	15.9342051	-1.49E-01	83477608	83477731	NC_000015.9

cg00962000	1.16E-10	8.23E-12	-7.27	15.9341377	-5.62E-02	100065660	100065783	NC_000001.10
cg11735008	1.16E-10	8.23E-12	-7.27	15.9336194	-1.61E-01	42380309	42380432	NC_000001.10
cg19444950	1.16E-10	8.24E-12	-7.27	15.9330204	-2.67E-02	180320022	180320145	NC_000003.11
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cg19942083	1.16E-10	8.25E-12	-7.27	15.9316728	-1.06E-01	7070562	7070685	NC_000012.11
cg01886855	1.16E-10	8.27E-12	-7.27	15.9289128	-1.50E-01	43786997	43787120	NC_000021.8
cg23996349	1.16E-10	8.28E-12	-7.27	15.9285871	-7.68E-02	22831506	22831629	NC_000008.10
cg05529278	1.17E-10	8.32E-12	-7.27	15.9238818	-1.10E-01	28336181	28336304	NC_000021.8
cg18019810	1.17E-10	8.32E-12	-7.27	15.9229585	-1.79E-01	236619304	236619427	NC_000002.11
cg05482050	1.17E-10	8.33E-12	-7.27	15.92243	-6.05E-02	177409334	177409457	NC_000005.9
cg11278107	1.17E-10	8.33E-12	-7.27	15.9222486	-1.50E-01	16142263	16142386	NC_000004.11
cg08391380	1.17E-10	8.33E-12	-7.27	15.9217627	-1.81E-01	601208	601331	NC_000005.9
cg04774374	1.17E-10	8.34E-12	-7.27	15.9215331	-4.89E-02	128379134	128379257	NC_000007.13
cg27134084	1.17E-10	8.34E-12	-7.27	15.9212242	-1.00E-01	129793154	129793277	NC_000007.13
cg18997901	1.17E-10	8.35E-12	-7.27	15.9200886	-1.63E-01	76461321	76461444	NC_000006.11
cg09264091	1.17E-10	8.36E-12	-7.27	15.9191877	-6.16E-02	85219265	85219388	NC_000001.10
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cg27439480	1.18E-10	8.38E-12	-7.27	15.9166806	-7.16E-02	69999859	69999982	NC_000016.9
cg07059360	1.18E-10	8.39E-12	-7.27	15.9149987	-1.01E-01	22102032	22102155	NC_000008.10
cg17720286	1.18E-10	8.40E-12	-7.27	15.9144726	-6.79E-02	1513941	1514064	NC_000019.9
cg26631039	1.18E-10	8.40E-12	-7.27	15.9141563	-1.59E-01	121625022	121625145	NC_000002.11
cg00423068	1.18E-10	8.40E-12	-7.27	15.9141525	-1.32E-01	145101998	145102121	NC_000008.10
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cg08795557	1.18E-10	8.42E-12	-7.27	15.9118431	-1.71E-01	70921332	70921455	NC_000007.13

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cg13242871	1.18E-10	8.44E-12	-7.27	15.9086573	-1.30E-01	47278547	47278670	NC_000020.10
cg14291900	1.18E-10	8.45E-12	-7.27	15.908227	-1.64E-01	23294368	23294491	NC_000014.8
cg03062944	1.19E-10	8.46E-12	-7.27	15.9071632	-1.50E-01	6183455	6183578	NC_000010.10
cg09864712	1.19E-10	8.46E-12	-7.27	15.9066288	-1.63E-01	726786	726909	NC_000016.9
cg06877366	1.19E-10	8.50E-12	-7.27	15.9017493	-1.69E-01	1997203	1997326	NC_000007.13
cg09404334	1.19E-10	8.51E-12	-7.27	15.9013658	-3.23E-02	86304180	86304303	NC_000006.11
cg25170956	1.19E-10	8.51E-12	-7.27	15.9007667	-7.83E-02	68816067	68816190	NC_000011.9
cg15207055	1.19E-10	8.52E-12	-7.27	15.9001395	-8.72E-02	152096590	152096713	NC_000004.11
cg10717214	1.20E-10	8.53E-12	-7.27	15.898889	-1.07E-01	31543557	31543680	NC_000006.11
cg10909154	1.20E-10	8.53E-12	-7.27	15.8986027	-6.09E-02	2723619	2723742	NC_000016.9
cg25707722	1.20E-10	8.54E-12	-7.27	15.8981944	-1.26E-01	63025490	63025613	NC_000012.11
cg08693344	1.20E-10	8.55E-12	-7.27	15.8967754	-5.30E-02	56691562	56691685	NC_000016.9
cg26668608	1.20E-10	8.55E-12	-7.27	15.8964932	-1.09E-01	113931518	113931641	NC_000002.11
cg21616935	1.20E-10	8.58E-12	-7.27	15.8935517	-1.65E-01	47794231	47794354	NC_000018.9
cg09716807	1.20E-10	8.59E-12	-7.27	15.8919947	-1.22E-01	574169	574292	NC_000005.9
cg10262357	1.20E-10	8.60E-12	-7.27	15.8906337	-6.94E-02	29691832	29691955	NC_000006.11
cg26835302	1.21E-10	8.61E-12	-7.27	15.8900713	-1.96E-01	90343791	90343914	NC_000012.11
cg05996671	1.21E-10	8.62E-12	-7.27	15.8882324	-1.50E-01	123518635	123518758	NC_000003.11
cg22646210	1.21E-10	8.63E-12	-7.27	15.8867699	-1.18E-01	72380726	72380849	NC_000011.9
cg19823138	1.21E-10	8.64E-12	-7.27	15.885851	-6.42E-02	99559002	99559125	NC_000015.9

cg14743812	1.21E-10	8.64E-12	-7.27	15.8856714	-1.07E-01	113006248	113006371	NC_000013.10
cg00406621	1.21E-10	8.65E-12	-7.27	15.8852377	-1.20E-01	29466731	29466854	NC_000016.9
cg02835848	1.21E-10	8.66E-12	-7.27	15.8842266	-7.40E-02	15250381	15250504	NC_000001.10
cg08748415	1.21E-10	8.66E-12	-7.27	15.8839162	-6.36E-02	45983741	45983864	NC_000006.11
cg07091412	1.21E-10	8.67E-12	-7.27	15.8832924	-4.17E-02	20810651	20810774	NC_000001.10
cg21008969	1.21E-10	8.67E-12	-7.27	15.8825839	-1.34E-01	3680597	3680720	NC_000012.11
cg20295120	1.21E-10	8.67E-12	-7.27	15.8822462	-6.96E-02	111757141	111757264	NC_000001.10
cg15804432	1.21E-10	8.68E-12	-7.27	15.8819946	-4.32E-02	64454965	64455088	NC_000015.9
cg20103692	1.21E-10	8.68E-12	-7.27	15.8817731	-1.63E-01	29454672	29454795	NC_000006.11
cg05828191	1.22E-10	8.70E-12	-7.26	15.8793946	-1.30E-01	75019382	75019505	NC_000016.9
cg06246094	1.22E-10	8.70E-12	-7.26	15.8791105	-9.71E-02	42174085	42174208	NC_000015.9
cg23352146	1.22E-10	8.71E-12	-7.26	15.8778365	-8.06E-02	12701929	12702052	NC_000011.9
cg23956238	1.22E-10	8.72E-12	-7.26	15.8775402	-5.70E-02	55672036	55672159	NC_000019.9
cg26276572	1.22E-10	8.72E-12	-7.26	15.8770242	-1.10E-01	46421023	46421146	NC_000021.8
cg10208457	1.22E-10	8.73E-12	-7.26	15.8757634	-3.61E-02	176874324	176874447	NC_000005.9
cg10807894	1.22E-10	8.74E-12	-7.26	15.8749027	-1.09E-01	125169804	125169927	NC_000012.11
cg05655555	1.22E-10	8.74E-12	-7.26	15.8744995	-1.69E-01	2054816	2054939	NC_000019.9
cg06917772	1.22E-10	8.75E-12	-7.26	15.873209	-1.22E-01	126286370	126286493	NC_000011.9
cg11296937	1.23E-10	8.76E-12	-7.26	15.8726613	-6.79E-02	64084966	64085089	NC_000011.9
cg01869233	1.23E-10	8.76E-12	-7.26	15.8724418	-1.11E-01	6035139	6035262	NC_000020.10
cg14199276	1.23E-10	8.76E-12	-7.26	15.8722652	-9.76E-02	140117005	140117128	NC_000009.11
cg08853318	1.23E-10	8.77E-12	-7.26	15.8709619	-1.03E-01	71089186	71089309	NC_000017.10
cg07438246	1.23E-10	8.78E-12	-7.26	15.8709195	-1.72E-01	14446645	14446768	NC_000003.11
cg17083411	1.23E-10	8.79E-12	-7.26	15.8697283	-6.37E-02	203274503	203274626	NC_000001.10
cg16985952	1.23E-10	8.79E-12	-7.26	15.8687165	-1.10E-01	15068172	15068295	NC_000001.10

cg21805788	1.23E-10	8.80E-12	-7.26	15.8686104	-1.35E-01	109134372	109134495	NC_000001.10
cg00828762	1.23E-10	8.80E-12	-7.26	15.8684559	-8.49E-02	42234732	42234855	NC_000008.10
cg08165361	1.23E-10	8.80E-12	-7.26	15.8680281	-8.62E-02	48474400	48474523	NC_000008.10
cg12271317	1.23E-10	8.82E-12	-7.26	15.8659052	-8.34E-02	108972693	108972816	NC_000004.11
cg01832586	1.23E-10	8.83E-12	-7.26	15.8650219	-9.67E-02	49594703	49594826	NC_000016.9
ch.2.30415474F	1.24E-10	8.85E-12	-7.26	15.8624267	-7.68E-02	30561970	30562093	NC_000002.11
cg10259111	1.24E-10	8.85E-12	-7.26	15.8622	-1.29E-01	52429547	52429670	NC_000014.8
cg22274234	1.24E-10	8.86E-12	-7.26	15.8611181	-1.10E-01	109888858	109888981	NC_000012.11
cg03916783	1.24E-10	8.87E-12	-7.26	15.8602205	-6.26E-02	95977018	95977141	NC_000011.9
cg14130141	1.24E-10	8.87E-12	-7.26	15.8600101	-7.73E-02	45406886	45407009	NC_000019.9
cg14519252	1.24E-10	8.88E-12	-7.26	15.8590773	-1.25E-01	41397795	41397918	NC_000001.10
cg16680214	1.24E-10	8.89E-12	-7.26	15.8583474	-1.03E-01	154839983	154840106	NC_000001.10
cg00440980	1.24E-10	8.90E-12	-7.26	15.8565843	-1.67E-01	74639894	74640017	NC_000017.10
cg21614107	1.25E-10	8.92E-12	-7.26	15.8552544	-1.42E-01	1633073	1633196	NC_000019.9
cg18352162	1.25E-10	8.92E-12	-7.26	15.8546524	-8.81E-02	156848854	156848977	NC_000003.11
cg12062995	1.25E-10	8.92E-12	-7.26	15.8545816	-5.28E-02	39368212	39368335	NC_000004.11
cg15522171	1.25E-10	8.93E-12	-7.26	15.854255	-7.03E-02	33547626	33547749	NC_000001.10
cg06636244	1.25E-10	8.94E-12	-7.26	15.852121	-1.58E-01	3572706	3572829	NC_000010.10
cg16073408	1.25E-10	8.95E-12	-7.26	15.8519121	-1.32E-01	44128218	44128341	NC_000007.13
ch.3.52786R	1.25E-10	8.95E-12	-7.26	15.8512189	-6.25E-02	3083388	3083511	NC_000003.11
cg11165391	1.25E-10	8.97E-12	-7.26	15.8492853	-1.56E-01	185614930	185615053	NC_000001.10
ch.14.1124768F	1.25E-10	8.98E-12	-7.26	15.84872	-3.06E-02	75910539	75910662	NC_000014.8
cg04889106	1.25E-10	8.98E-12	-7.26	15.8483429	-1.70E-02	3751618	3751741	NC_000006.11
cg05106269	1.25E-10	8.98E-12	-7.26	15.8477959	-1.14E-01	10381393	10381516	NC_000019.9
cg04214866	1.26E-10	8.99E-12	-7.26	15.8470183	-4.70E-02	1021098	1021221	NC_000016.9



cg01444574	1.26E-10	9.00E-12	-7.26	15.8462688	-7.24E-02	128617328	128617451	NC_000002.11
cg23121547	1.26E-10	9.00E-12	-7.26	15.8459335	-6.77E-02	1593657	1593780	NC_000011.9
cg11932113	1.26E-10	9.01E-12	-7.26	15.8454445	-1.45E-01	132194886	132195009	NC_000007.13
cg11760395	1.26E-10	9.01E-12	-7.26	15.8446428	-1.17E-01	33701708	33701831	NC_000010.10
cg13650062	1.26E-10	9.03E-12	-7.26	15.8430133	-1.59E-01	31096669	31096792	NC_000005.9
cg22602019	1.26E-10	9.03E-12	-7.26	15.8428599	-8.90E-02	32714308	32714431	NC_000001.10
cg13560619	1.26E-10	9.03E-12	-7.26	15.8427045	-1.61E-01	65621695	65621818	NC_000011.9
cg04030584	1.26E-10	9.03E-12	-7.26	15.8422628	-1.77E-01	67871218	67871341	NC_000016.9
cg22642485	1.26E-10	9.04E-12	-7.26	15.8421561	-2.09E-01	139089846	139089969	NC_000005.9
cg09785099	1.26E-10	9.04E-12	-7.26	15.8419951	-3.89E-02	65904008	65904131	NC_000015.9
cg24691105	1.26E-10	9.04E-12	-7.26	15.8418218	-3.13E-02	50700331	50700454	NC_000013.10
cg22685816	1.26E-10	9.04E-12	-7.26	15.8417066	-9.17E-02	1036679	1036802	NC_000011.9
cg07396495	1.26E-10	9.06E-12	-7.26	15.8397842	-3.41E-02	53468716	53468839	NC_000016.9
cg25865120	1.26E-10	9.06E-12	-7.26	15.8394644	-1.59E-01	48625058	48625181	NC_000015.9
cg25062539	1.26E-10	9.06E-12	-7.26	15.8390297	-1.14E-01	79718482	79718605	NC_000008.10
cg16249105	1.26E-10	9.07E-12	-7.26	15.8388963	-6.97E-02	120938029	120938152	NC_000010.10
cg04135372	1.26E-10	9.07E-12	-7.26	15.8388038	-5.79E-02	99061383	99061506	NC_000002.11
cg06369349	1.27E-10	9.07E-12	-7.26	15.8382336	-9.33E-02	49503178	49503301	NC_000019.9
cg23014871	1.27E-10	9.08E-12	-7.26	15.837237	-1.69E-01	43656166	43656289	NC_000010.10
cg00732383	1.27E-10	9.09E-12	-7.26	15.8364628	-1.59E-01	46482439	46482562	NC_000018.9
cg15095427	1.27E-10	9.09E-12	-7.26	15.8364475	-9.09E-02	234651180	234651303	NC_000001.10
cg08564527	1.27E-10	9.10E-12	-7.26	15.8353134	-5.32E-02	67571988	67572111	NC_000016.9
cg24726965	1.27E-10	9.10E-12	-7.26	15.8351666	-1.42E-01	63606136	63606259	NC_000002.11
cg20939723	1.27E-10	9.11E-12	-7.26	15.8338232	-5.60E-02	171570700	171570823	NC_000002.11
cg17318138	1.27E-10	9.12E-12	-7.26	15.8334557	-8.04E-02	657287	657410	NC_000020.10

ch.11.1421098F	1.27E-10	9.12E-12	-7.26	15.8332944	-6.19E-02	68338008	68338131	NC_000011.9
cg11742268	1.27E-10	9.14E-12	-7.26	15.8309812	-1.36E-01	60673288	60673411	NC_000012.11
cg15708127	1.28E-10	9.15E-12	-7.26	15.8299415	-1.40E-01	224914799	224914922	NC_000001.10
cg10878966	1.28E-10	9.15E-12	-7.26	15.8297136	-7.98E-02	47813443	47813566	NC_000021.8
cg01800297	1.28E-10	9.15E-12	-7.26	15.8295369	-1.16E-01	113394591	113394714	NC_000005.9
cg04839409	1.28E-10	9.16E-12	-7.26	15.8285704	-9.99E-02	126700661	126700784	NC_000010.10
cg27143824	1.28E-10	9.17E-12	-7.26	15.8277773	-4.49E-02	184580738	184580861	NC_000004.11
cg23307203	1.28E-10	9.17E-12	-7.26	15.8273803	-2.53E-01	18499309	18499432	NC_000019.9
cg19178742	1.28E-10	9.17E-12	-7.26	15.8272068	-6.16E-02	30070099	30070222	NC_000006.11
cg21204860	1.28E-10	9.19E-12	-7.26	15.8260123	-1.41E-01	75446565	75446688	NC_000017.10
cg11608447	1.28E-10	9.19E-12	-7.26	15.8250612	-7.13E-02	38620746	38620869	NC_000009.11
cg04825119	1.28E-10	9.22E-12	-7.25	15.8221259	-6.60E-02	50361467	50361590	NC_000012.11
cg11267802	1.29E-10	9.23E-12	-7.25	15.821478	-1.65E-01	153123593	153123716	NC_000001.10
cg27233997	1.29E-10	9.25E-12	-7.25	15.8191393	-5.76E-02	97360444	97360567	NC_000003.11
cg10227024	1.29E-10	9.25E-12	-7.25	15.8188538	-1.19E-01	11234662	11234785	NC_000017.10
cg06181286	1.29E-10	9.26E-12	-7.25	15.8175292	-1.46E-01	27064121	27064244	NC_000003.11
ch.19.1125306R	1.29E-10	9.28E-12	-7.25	15.8162144	-1.99E-02	34858318	34858441	NC_000019.9
cg25418777	1.29E-10	9.29E-12	-7.25	15.8153215	-6.54E-02	44035099	44035222	NC_000020.10
cg02670637	1.30E-10	9.32E-12	-7.25	15.811676	-1.50E-01	56184693	56184816	NC_000001.10
cg24311251	1.30E-10	9.37E-12	-7.25	15.8059127	-5.26E-02	44453387	44453510	NC_000013.10
cg27346988	1.31E-10	9.38E-12	-7.25	15.8055665	-1.21E-01	73719693	73719816	NC_000017.10
cg20737909	1.31E-10	9.38E-12	-7.25	15.8050951	-1.84E-01	1507020	1507143	NC_000011.9
ch.1.893623F	1.31E-10	9.38E-12	-7.25	15.8050025	-4.88E-02	27102602	27102725	NC_000001.10
cg00067758	1.31E-10	9.39E-12	-7.25	15.8043039	-1.24E-01	92185790	92185913	NC_000006.11
cg06805925	1.31E-10	9.39E-12	-7.25	15.804266	-1.61E-01	16233044	16233167	NC_000017.10

cg06770322	1.31E-10	9.40E-12	-7.25	15.8033018	-1.11E-01	142851098	142851221	NC_000005.9
cg06807905	1.31E-10	9.40E-12	-7.25	15.8031459	-9.44E-02	110776546	110776669	NC_000001.10
cg08832596	1.31E-10	9.41E-12	-7.25	15.8024209	-1.01E-01	76757006	76757129	NC_000011.9
cg27311654	1.31E-10	9.41E-12	-7.25	15.8021065	-9.41E-02	19638435	19638558	NC_000001.10
cg07356753	1.31E-10	9.42E-12	-7.25	15.8012674	-5.17E-02	81810745	81810868	NC_000003.11
cg09251317	1.31E-10	9.43E-12	-7.25	15.8006568	-1.13E-01	77393865	77393988	NC_000014.8
cg14480266	1.31E-10	9.43E-12	-7.25	15.8002428	-1.32E-01	23134523	23134646	NC_000011.9
cg21396539	1.31E-10	9.45E-12	-7.25	15.7983174	-4.75E-02	156164025	156164148	NC_000001.10
cg02516513	1.31E-10	9.45E-12	-7.25	15.7980899	-9.26E-02	27950396	27950519	NC_000008.10
cg18322822	1.32E-10	9.46E-12	-7.25	15.7972923	-1.43E-01	1119648	1119771	NC_000005.9
cg17838754	1.32E-10	9.46E-12	-7.25	15.7971661	-1.06E-01	1281005	1281128	NC_000001.10
cg10664272	1.32E-10	9.46E-12	-7.25	15.7970115	-1.08E-01	85638053	85638176	NC_000002.11
cg23208152	1.32E-10	9.47E-12	-7.25	15.7962435	-1.68E-01	50383134	50383257	NC_000003.11
cg02499214	1.32E-10	9.48E-12	-7.25	15.7944514	-1.98E-01	122230490	122230613	NC_000012.11
cg27568165	1.32E-10	9.50E-12	-7.25	15.7933616	-1.55E-01	205631978	205632101	NC_000001.10
cg17469019	1.32E-10	9.50E-12	-7.25	15.7932074	-4.17E-02	117452517	117452640	NC_000001.10
cg05663278	1.32E-10	9.52E-12	-7.25	15.7904218	-1.25E-01	8979125	8979248	NC_000016.9
cg02703598	1.32E-10	9.52E-12	-7.25	15.790404	-1.28E-01	12831463	12831586	NC_000011.9
cg05903609	1.33E-10	9.54E-12	-7.25	15.7889114	-6.39E-02	1587888	1588011	NC_000017.10
cg08755026	1.33E-10	9.54E-12	-7.25	15.7884538	-1.56E-01	85819614	85819737	NC_000002.11
cg08691567	1.33E-10	9.55E-12	-7.25	15.7876277	-1.08E-01	53183930	53184053	NC_000012.11
cg10421029	1.33E-10	9.55E-12	-7.25	15.7874966	-1.31E-01	30936028	30936151	NC_000016.9
cg04087271	1.33E-10	9.56E-12	-7.25	15.7869437	-1.13E-01	20915334	20915457	NC_000001.10
cg13445486	1.33E-10	9.57E-12	-7.25	15.7859006	-1.23E-01	70847794	70847917	NC_000010.10
cg26838949	1.33E-10	9.57E-12	-7.25	15.7858015	-1.55E-01	200985069	200985192	NC_000001.10

cg13119035	1.33E-10	9.57E-12	-7.25	15.7857527	-7.32E-02	42951436	42951559	NC_000007.13
cg04848925	1.33E-10	9.57E-12	-7.25	15.7855205	-3.14E-02	46894294	46894417	NC_000017.10
cg05174942	1.33E-10	9.58E-12	-7.25	15.7850622	-1.83E-01	140098392	140098515	NC_000005.9
cg16243195	1.33E-10	9.58E-12	-7.25	15.7841423	-1.10E-01	7252323	7252446	NC_000004.11
cg03332597	1.33E-10	9.60E-12	-7.25	15.7827325	-4.93E-02	185125704	185125827	NC_000001.10
cg21629821	1.33E-10	9.60E-12	-7.25	15.7825445	-1.76E-01	46713473	46713596	NC_000019.9
cg23375068	1.34E-10	9.61E-12	-7.25	15.7810673	-1.32E-01	50925113	50925236	NC_000022.10
ch.1.3571292R	1.34E-10	9.62E-12	-7.25	15.7802864	-4.12E-02	182831125	182831248	NC_000001.10
cg11781986	1.34E-10	9.62E-12	-7.25	15.7801152	-6.73E-02	24808787	24808910	NC_000014.8
cg05592363	1.34E-10	9.63E-12	-7.25	15.7799083	-3.99E-02	78908495	78908618	NC_000005.9
cg20495206	1.34E-10	9.66E-12	-7.25	15.7768589	-7.20E-02	151215566	151215689	NC_000007.13
cg14661225	1.34E-10	9.68E-12	-7.25	15.7744975	-7.01E-02	46171451	46171574	NC_000019.9
cg15225810	1.35E-10	9.69E-12	-7.25	15.7734271	-1.15E-01	750790	750913	NC_000019.9
cg17043922	1.35E-10	9.71E-12	-7.25	15.7716921	-7.32E-02	34664305	34664428	NC_000006.11
cg00976949	1.35E-10	9.73E-12	-7.25	15.7690948	-6.82E-02	127950782	127950905	NC_000003.11
cg03496978	1.35E-10	9.74E-12	-7.25	15.7685109	-3.82E-02	224302360	224302483	NC_000001.10
cg02870741	1.35E-10	9.74E-12	-7.25	15.7684876	-1.37E-01	16272369	16272492	NC_000019.9
cg26331625	1.35E-10	9.75E-12	-7.25	15.7676183	-3.29E-02	42128098	42128221	NC_000001.10
cg05509510	1.36E-10	9.76E-12	-7.25	15.7658053	-1.42E-01	27006149	27006272	NC_000002.11
cg15216925	1.36E-10	9.80E-12	-7.24	15.7623507	-6.32E-02	179921655	179921778	NC_000005.9
cg02493604	1.36E-10	9.83E-12	-7.24	15.7592541	-5.50E-02	54073445	54073568	NC_000010.10
cg20334252	1.36E-10	9.83E-12	-7.24	15.7589737	-1.07E-01	53096248	53096371	NC_000015.9
cg07363131	1.37E-10	9.85E-12	-7.24	15.7575027	-1.53E-01	86965114	86965237	NC_000016.9
cg21286782	1.37E-10	9.85E-12	-7.24	15.7574841	-1.39E-01	113265602	113265725	NC_000001.10
cg06679990	1.37E-10	9.86E-12	-7.24	15.7558772	-1.15E-01	57863266	57863389	NC_000012.11

cg25005112	1.37E-10	9.88E-12	-7.24	15.7544231	-1.20E-01	28911938	28912061	NC_000006.11
cg15803845	1.37E-10	9.88E-12	-7.24	15.7543092	-1.17E-01	1474777	1474900	NC_000011.9
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cg23370170	1.37E-10	9.90E-12	-7.24	15.7522641	-3.84E-02	12634832	12634955	NC_000004.11
cg23955417	1.38E-10	9.92E-12	-7.24	15.7505288	-1.27E-01	26880928	26881051	NC_000001.10
cg03250480	1.38E-10	9.93E-12	-7.24	15.7490938	-1.36E-01	30689295	30689418	NC_000016.9
cg26111265	1.38E-10	9.94E-12	-7.24	15.7488233	-7.07E-02	117210620	117210743	NC_000001.10
ch.3.946759R	1.38E-10	9.94E-12	-7.24	15.7482647	-4.03E-02	45979073	45979196	NC_000003.11
cg15682194	1.38E-10	9.95E-12	-7.24	15.7472613	-9.09E-02	69925136	69925259	NC_000011.9
cg04810063	1.38E-10	9.95E-12	-7.24	15.7470521	-1.56E-01	88703634	88703757	NC_000016.9
cg18492943	1.38E-10	9.95E-12	-7.24	15.7468496	-1.75E-01	44203304	44203427	NC_000007.13
cg22803868	1.38E-10	9.96E-12	-7.24	15.7461139	-1.68E-01	27045164	27045287	NC_000017.10
cg17629796	1.38E-10	9.97E-12	-7.24	15.7450417	-1.93E-01	30707265	30707388	NC_000013.10
cg24610044	1.38E-10	9.98E-12	-7.24	15.7442728	-1.37E-01	115727622	115727745	NC_000001.10
ch.9.2295001F	1.38E-10	9.98E-12	-7.24	15.7439071	-4.16E-02	135143580	135143703	NC_000009.11
cg20465143	1.38E-10	9.99E-12	-7.24	15.7438877	-4.36E-02	144653962	144654085	NC_000008.10
cg01529404	1.38E-10	9.99E-12	-7.24	15.7438751	-1.49E-01	126755385	126755508	NC_000003.11
cg26870903	1.39E-10	1.00E-11	-7.24	15.7426748	-9.71E-02	166846008	166846131	NC_000001.10
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cg14540555	1.39E-10	1.00E-11	-7.24	15.7408798	-4.62E-02	86667375	86667498	NC_000011.9
cg27421105	1.39E-10	1.00E-11	-7.24	15.7391991	-8.31E-02	8477708	8477831	NC_000019.9
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cg02999146	1.39E-10	1.01E-11	-7.24	15.7359488	-1.06E-01	61926731	61926854	NC_000020.10
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cg19273668	1.40E-10	1.01E-11	-7.24	15.73497	-1.20E-01	201199004	201199127	NC_000001.10
cg11347165	1.40E-10	1.01E-11	-7.24	15.7339531	-1.28E-01	17631644	17631767	NC_000001.10
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cg01640727	1.40E-10	1.01E-11	-7.24	15.7284388	-1.10E-01	44029468	44029591	NC_000017.10
cg04055874	1.41E-10	1.02E-11	-7.24	15.7262464	-1.35E-01	16282434	16282557	NC_000017.10
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cg25428297	1.41E-10	1.02E-11	-7.24	15.7207078	-1.15E-01	1022841	1022964	NC_000007.13
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cg18204684	1.42E-10	1.03E-11	-7.24	15.7179731	-1.37E-01	99859711	99859834	NC_000004.11
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cg00858599	1.43E-10	1.03E-11	-7.24	15.7094626	-9.32E-02	3220929	3221052	NC_000020.10
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cg10212537	1.43E-10	1.04E-11	-7.23	15.7082025	-6.84E-02	93799559	93799682	NC_000014.8
cg03867607	1.43E-10	1.04E-11	-7.23	15.7072507	-1.86E-01	56554439	56554562	NC_000012.11
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cg02787306	1.44E-10	1.05E-11	-7.23	15.6991002	-4.22E-02	34957963	34958086	NC_000017.10
cg01020987	1.45E-10	1.05E-11	-7.23	15.6958533	-9.82E-02	3816166	3816289	NC_000001.10
cg00359661	1.45E-10	1.05E-11	-7.23	15.695632	-1.12E-01	7725787	7725910	NC_000006.11
cg14145151	1.45E-10	1.05E-11	-7.23	15.6947877	-1.04E-01	73607754	73607877	NC_000003.11
cg26562263	1.45E-10	1.05E-11	-7.23	15.6942798	-1.80E-01	21863715	21863838	NC_000019.9
cg02334187	1.45E-10	1.05E-11	-7.23	15.6940411	-3.54E-02	175970714	175970837	NC_000005.9
cg08177453	1.45E-10	1.05E-11	-7.23	15.6940293	-9.13E-02	130697718	130697841	NC_000011.9
cg23646343	1.45E-10	1.05E-11	-7.23	15.6919282	-1.74E-01	139333410	139333533	NC_000007.13
cg22571926	1.45E-10	1.05E-11	-7.23	15.6910996	-3.25E-02	56112222	56112345	NC_000005.9
cg10006817	1.46E-10	1.05E-11	-7.23	15.6901138	-1.57E-01	33162876	33162999	NC_000015.9
cg22599563	1.46E-10	1.05E-11	-7.23	15.6897871	-1.83E-02	21059247	21059370	NC_000001.10
cg07017125	1.46E-10	1.06E-11	-7.23	15.689719	-1.60E-01	44418481	44418604	NC_000007.13
cg27612695	1.46E-10	1.06E-11	-7.23	15.6896713	-5.10E-02	29059191	29059314	NC_000017.10
cg03627468	1.46E-10	1.06E-11	-7.23	15.6890189	-1.53E-01	79331759	79331882	NC_000016.9
cg03780927	1.46E-10	1.06E-11	-7.23	15.6888112	-1.12E-01	118781150	118781273	NC_000011.9

cg19100169	1.46E-10	1.06E-11	-7.23	15.6882368	-1.44E-01	159688203	159688326	NC_000005.9
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cg05817709	1.46E-10	1.06E-11	-7.23	15.6878645	-1.92E-01	63304098	63304221	NC_000011.9
cg03534847	1.46E-10	1.06E-11	-7.23	15.6876128	-1.69E-01	13053055	13053178	NC_000012.11
cg22923895	1.46E-10	1.06E-11	-7.23	15.6838159	-1.15E-01	101180719	101180842	NC_000007.13
cg23849826	1.46E-10	1.06E-11	-7.23	15.6837209	-1.26E-01	39872186	39872309	NC_000015.9
cg20315690	1.46E-10	1.06E-11	-7.23	15.6836584	-8.85E-02	124707157	124707280	NC_000011.9
cg20689294	1.46E-10	1.06E-11	-7.23	15.6835538	-1.44E-01	129846082	129846205	NC_000010.10
cg20373326	1.47E-10	1.06E-11	-7.23	15.6820053	-1.24E-01	82068803	82068926	NC_000016.9
cg18785467	1.47E-10	1.06E-11	-7.23	15.6819798	-5.52E-02	88412083	88412206	NC_000006.11
cg25606172	1.47E-10	1.06E-11	-7.23	15.6805389	-1.66E-01	7373343	7373466	NC_000004.11
cg15947283	1.47E-10	1.07E-11	-7.23	15.679291	-7.04E-02	38398836	38398959	NC_000007.13
cg11050793	1.47E-10	1.07E-11	-7.23	15.6792725	-1.74E-01	124876650	124876773	NC_000012.11
cg09248276	1.47E-10	1.07E-11	-7.23	15.6786977	-8.62E-02	160696468	160696591	NC_000001.10
cg06002157	1.47E-10	1.07E-11	-7.23	15.6784496	-1.26E-01	168453261	168453384	NC_000006.11
cg09508490	1.47E-10	1.07E-11	-7.23	15.6776092	-1.11E-01	89972339	89972462	NC_000016.9
cg22815214	1.48E-10	1.07E-11	-7.23	15.676263	-9.28E-02	201083145	201083268	NC_000001.10
cg19543453	1.48E-10	1.07E-11	-7.23	15.6749175	-2.29E-02	43589127	43589250	NC_000020.10
cg05244682	1.48E-10	1.07E-11	-7.23	15.674635	-1.55E-01	7839613	7839736	NC_000010.10
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cg07421596	1.48E-10	1.07E-11	-7.23	15.6738243	-1.07E-01	31913770	31913893	NC_000006.11
cg16562251	1.48E-10	1.07E-11	-7.23	15.673767	-6.11E-02	166845621	166845744	NC_000001.10
cg01619416	1.48E-10	1.07E-11	-7.23	15.6723584	-1.34E-01	1110991	1111114	NC_000016.9
cg16947947	1.48E-10	1.07E-11	-7.23	15.6716531	-3.60E-02	84206068	84206191	NC_000004.11
cg27365991	1.48E-10	1.08E-11	-7.23	15.6706149	-1.34E-01	123036376	123036499	NC_000005.9



cg03600512	1.48E-10	1.08E-11	-7.23	15.6695274	-6.46E-02	9368158	9368281	NC_000002.11
cg23224396	1.49E-10	1.08E-11	-7.23	15.6687963	-1.71E-01	55196989	55197112	NC_000014.8
cg04589673	1.49E-10	1.08E-11	-7.23	15.6685397	-7.31E-02	90016295	90016418	NC_000010.10
cg16808310	1.49E-10	1.08E-11	-7.23	15.6680673	-1.78E-02	37555834	37555957	NC_000020.10
cg25230532	1.49E-10	1.08E-11	-7.23	15.6674053	-6.53E-02	34646550	34646673	NC_000009.11
cg19521693	1.49E-10	1.08E-11	-7.23	15.6659188	-1.06E-01	54468577	54468700	NC_000019.9
cg23196549	1.49E-10	1.08E-11	-7.23	15.6655029	-1.66E-01	110480700	110480823	NC_000004.11
cg21769969	1.49E-10	1.08E-11	-7.23	15.6649352	-7.55E-02	108396498	108396621	NC_000006.11
cg03530006	1.49E-10	1.08E-11	-7.23	15.664735	-1.16E-01	38920380	38920503	NC_000013.10
cg04169469	1.49E-10	1.08E-11	-7.23	15.6643483	-3.85E-02	10588434	10588557	NC_000002.11
cg11032208	1.49E-10	1.08E-11	-7.23	15.6640513	-3.05E-02	95997736	95997859	NC_000005.9
cg15722404	1.49E-10	1.08E-11	-7.23	15.6622743	-1.97E-02	12329242	12329365	NC_000003.11
cg16506378	1.50E-10	1.09E-11	-7.23	15.66177	-1.32E-01	121881190	121881313	NC_000008.10
cg00772000	1.50E-10	1.09E-11	-7.23	15.6614962	-4.98E-02	18123049	18123172	NC_000006.11
cg19775672	1.50E-10	1.09E-11	-7.23	15.660801	-8.30E-02	7104195	7104318	NC_000004.11
cg02240622	1.50E-10	1.09E-11	-7.23	15.660696	-1.50E-01	40601467	40601590	NC_000015.9
cg07246206	1.50E-10	1.09E-11	-7.23	15.6595858	-3.72E-02	67980532	67980655	NC_000011.9
cg10037654	1.50E-10	1.09E-11	-7.23	15.6593129	-3.40E-02	713921	714044	NC_000001.10
cg17818798	1.50E-10	1.09E-11	-7.23	15.6555533	-4.79E-02	14228473	14228596	NC_000019.9
cg06632214	1.51E-10	1.09E-11	-7.23	15.6547114	-2.42E-01	314074	314197	NC_000011.9
cg05209306	1.51E-10	1.09E-11	-7.23	15.6535019	-1.56E-01	39899376	39899499	NC_000019.9
cg26996569	1.51E-10	1.10E-11	-7.23	15.6527431	-2.40E-01	121829743	121829866	NC_000012.11
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cg07817810	1.51E-10	1.10E-11	-7.23	15.651614	-4.13E-02	47205858	47205981	NC_000003.11

cg26309655	1.51E-10	1.10E-11	-7.22	15.6500465	-4.55E-02	150459725	150459848	NC_000001.10
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cg07181702	1.52E-10	1.10E-11	-7.22	15.6466745	-1.46E-01	57918682	57918805	NC_000017.10
cg17662387	1.52E-10	1.10E-11	-7.22	15.6462183	-8.18E-02	116286880	116287003	NC_000010.10
cg09227563	1.52E-10	1.10E-11	-7.22	15.6461501	-1.51E-01	54984705	54984828	NC_000019.9
cg00338479	1.52E-10	1.10E-11	-7.22	15.6461261	-1.46E-01	38551357	38551480	NC_000001.10
cg07734293	1.52E-10	1.10E-11	-7.22	15.6457512	-1.16E-01	16040682	16040805	NC_000016.9
ch.12.41606343F	1.52E-10	1.10E-11	-7.22	15.6450481	-8.16E-02	43320076	43320199	NC_000012.11
cg14779106	1.52E-10	1.10E-11	-7.22	15.6449334	-6.62E-02	133747446	133747569	NC_000005.9
cg00197993	1.52E-10	1.11E-11	-7.22	15.6431554	-2.33E-01	1201056	1201179	NC_000006.11
cg06996175	1.53E-10	1.11E-11	-7.22	15.6401843	-9.27E-02	2546877	2547000	NC_000019.9
cg24473594	1.53E-10	1.11E-11	-7.22	15.6399889	-1.29E-01	46714834	46714957	NC_000019.9
cg25210796	1.53E-10	1.11E-11	-7.22	15.6398673	-1.47E-01	65089808	65089931	NC_000001.10
cg14925260	1.53E-10	1.11E-11	-7.22	15.6392748	-7.33E-02	48807254	48807377	NC_000013.10
cg21901300	1.53E-10	1.11E-11	-7.22	15.6385271	-6.62E-02	47928050	47928173	NC_000019.9
cg26386436	1.53E-10	1.11E-11	-7.22	15.6375724	-6.74E-02	90084672	90084795	NC_000014.8
cg02347881	1.53E-10	1.11E-11	-7.22	15.63748	-1.57E-01	91579373	91579496	NC_000013.10
cg16718760	1.53E-10	1.11E-11	-7.22	15.6373366	-1.78E-01	55721067	55721190	NC_000003.11
cg06105694	1.53E-10	1.11E-11	-7.22	15.6366775	-1.62E-01	36585340	36585463	NC_000017.10
cg07887168	1.53E-10	1.12E-11	-7.22	15.6350538	-1.16E-01	4263893	4264016	NC_000016.9
cg12831086	1.53E-10	1.12E-11	-7.22	15.6350202	-1.43E-01	44099675	44099798	NC_000020.10
ch.4.66343068R	1.53E-10	1.12E-11	-7.22	15.6345698	-5.27E-02	66660473	66660596	NC_000004.11
cg08460399	1.54E-10	1.12E-11	-7.22	15.6332722	-1.50E-01	42879935	42880058	NC_000020.10
cg04558166	1.54E-10	1.12E-11	-7.22	15.6320174	-6.41E-02	210001279	210001402	NC_000001.10

cg24777762	1.54E-10	1.12E-11	-7.22	15.6316687	-4.01E-02	73087230	73087353	NC_000011.9
cg12002455	1.54E-10	1.12E-11	-7.22	15.6307565	-1.28E-01	121609179	121609302	NC_000010.10
cg06020978	1.54E-10	1.12E-11	-7.22	15.6291999	-1.66E-01	27044605	27044728	NC_000010.10
cg25858249	1.55E-10	1.13E-11	-7.22	15.6261387	-1.17E-01	150920485	150920608	NC_000006.11
cg01774477	1.55E-10	1.13E-11	-7.22	15.6257169	-6.26E-02	21059978	21060101	NC_000001.10
cg06288351	1.55E-10	1.13E-11	-7.22	15.6236663	-7.59E-02	43729897	43730020	NC_000020.10
cg15979344	1.55E-10	1.13E-11	-7.22	15.6235137	-6.40E-02	99496871	99496994	NC_000010.10
cg00278366	1.55E-10	1.13E-11	-7.22	15.6218828	-1.25E-01	110940287	110940410	NC_000012.11
cg09347134	1.56E-10	1.13E-11	-7.22	15.6202755	-1.33E-01	62138845	62138968	NC_000011.9
cg02960688	1.56E-10	1.13E-11	-7.22	15.6197268	-6.90E-02	101419519	101419642	NC_000010.10
cg02662417	1.56E-10	1.13E-11	-7.22	15.6192295	-1.05E-01	157161545	157161668	NC_000006.11
cg26206185	1.56E-10	1.13E-11	-7.22	15.6190418	-1.29E-01	50451151	50451274	NC_000022.10
cg14090916	1.56E-10	1.13E-11	-7.22	15.6185372	-8.47E-02	140044904	140045027	NC_000009.11
ch.4.1893073F	1.56E-10	1.14E-11	-7.22	15.6165798	-4.19E-02	99973275	99973398	NC_000004.11
cg24618387	1.56E-10	1.14E-11	-7.22	15.6157277	-2.02E-01	114917640	114917763	NC_000013.10
cg02306654	1.57E-10	1.14E-11	-7.22	15.6119213	-2.20E-01	157357887	157358010	NC_000007.13
cg07544451	1.57E-10	1.14E-11	-7.22	15.6118225	-1.09E-01	62228636	62228759	NC_000014.8
cg00334976	1.57E-10	1.14E-11	-7.22	15.6101955	-1.38E-01	61003303	61003426	NC_000020.10
cg27232482	1.57E-10	1.14E-11	-7.22	15.6096601	-8.58E-02	159174001	159174124	NC_000001.10
cg13688474	1.58E-10	1.15E-11	-7.22	15.6067328	-8.36E-02	9600443	9600566	NC_000001.10
cg01931502	1.58E-10	1.15E-11	-7.22	15.606715	-5.90E-02	161284176	161284299	NC_000001.10
cg19613740	1.58E-10	1.15E-11	-7.22	15.603549	-7.68E-02	153931224	153931347	NC_000001.10
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cg08206267	1.59E-10	1.16E-11	-7.22	15.5992807	-1.73E-01	17862104	17862227	NC_000019.9
cg15043318	1.59E-10	1.16E-11	-7.22	15.5987553	-1.20E-01	170947897	170948020	NC_000005.9

cg25587868	1.59E-10	1.16E-11	-7.22	15.5971374	-5.90E-02	1066728	1066851	NC_000004.11
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cg03271293	1.59E-10	1.16E-11	-7.22	15.5965361	-9.62E-02	6920924	6921047	NC_000002.11
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cg02384859	1.59E-10	1.16E-11	-7.22	15.5958395	-1.05E-01	74862662	74862785	NC_000015.9
cg08443345	1.60E-10	1.16E-11	-7.21	15.5938682	-5.90E-02	52232454	52232577	NC_000003.11
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cg12147622	1.60E-10	1.17E-11	-7.21	15.5920972	-1.50E-01	74021432	74021555	NC_000010.10
cg01367005	1.60E-10	1.17E-11	-7.21	15.589954	-5.94E-02	38518966	38519089	NC_000017.10
cg25207224	1.60E-10	1.17E-11	-7.21	15.5891669	-1.21E-01	34211189	34211312	NC_000006.11
cg07941108	1.60E-10	1.17E-11	-7.21	15.5882237	-1.39E-01	90741814	90741937	NC_000014.8
cg05184607	1.61E-10	1.17E-11	-7.21	15.5855324	-1.19E-01	89686885	89687008	NC_000016.9
cg10725937	1.61E-10	1.17E-11	-7.21	15.5853296	-1.63E-01	41130978	41131101	NC_000006.11
cg09176957	1.61E-10	1.17E-11	-7.21	15.5852432	-1.78E-01	94799641	94799764	NC_000010.10
cg01749539	1.61E-10	1.18E-11	-7.21	15.5826196	-1.40E-01	75473969	75474092	NC_000017.10
cg22196610	1.61E-10	1.18E-11	-7.21	15.5814452	-4.87E-02	43042233	43042356	NC_000005.9
cg20951444	1.62E-10	1.18E-11	-7.21	15.5771846	-1.25E-01	33337112	33337235	NC_000001.10
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cg09258150	1.62E-10	1.18E-11	-7.21	15.5759929	-1.82E-01	10397429	10397552	NC_000019.9
cg04730047	1.62E-10	1.18E-11	-7.21	15.5756132	-1.17E-01	99979355	99979478	NC_000003.11
cg24531536	1.62E-10	1.19E-11	-7.21	15.5750167	-1.86E-01	29520698	29520821	NC_000006.11
cg11064935	1.63E-10	1.19E-11	-7.21	15.5740895	-3.98E-02	34164525	34164648	NC_000006.11
cg02334775	1.63E-10	1.19E-11	-7.21	15.5732442	-1.05E-01	89182676	89182799	NC_000015.9
cg01810186	1.63E-10	1.19E-11	-7.21	15.5722435	-1.52E-01	120058222	120058345	NC_000008.10
cg05890855	1.63E-10	1.19E-11	-7.21	15.572036	-1.78E-01	216783091	216783214	NC_000002.11

cg18555117	1.63E-10	1.19E-11	-7.21	15.5719463	-6.35E-02	53620401	53620524	NC_000014.8
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cg19513868	1.63E-10	1.19E-11	-7.21	15.5700302	-3.75E-02	55895400	55895523	NC_000019.9
cg04565464	1.63E-10	1.19E-11	-7.21	15.5693179	-6.10E-02	145669602	145669725	NC_000008.10
cg10103635	1.64E-10	1.19E-11	-7.21	15.5672327	-1.36E-01	67326002	67326125	NC_000011.9
cg10637425	1.64E-10	1.20E-11	-7.21	15.5672052	-5.81E-02	79008593	79008716	NC_000017.10
cg17125267	1.64E-10	1.20E-11	-7.21	15.565322	-3.19E-02	115520931	115521054	NC_000004.11
cg18052511	1.64E-10	1.20E-11	-7.21	15.56357	-1.49E-01	46410222	46410345	NC_000003.11
cg00554539	1.64E-10	1.20E-11	-7.21	15.5622287	-1.30E-01	101448585	101448708	NC_000014.8
cg10549018	1.64E-10	1.20E-11	-7.21	15.5620397	-1.31E-01	98176740	98176863	NC_000010.10
cg18297705	1.65E-10	1.20E-11	-7.21	15.5598411	-1.14E-01	1994927	1995050	NC_000011.9
cg21243889	1.65E-10	1.21E-11	-7.21	15.5583322	-1.09E-01	20207356	20207479	NC_000008.10
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cg14714727	1.65E-10	1.21E-11	-7.21	15.5561199	-5.70E-02	141302942	141303065	NC_000005.9
cg27139805	1.65E-10	1.21E-11	-7.21	15.5558966	-1.23E-01	35992791	35992914	NC_000019.9
cg12700271	1.66E-10	1.21E-11	-7.21	15.5550513	-1.24E-01	30458237	30458360	NC_000006.11
cg23273866	1.66E-10	1.21E-11	-7.21	15.5540142	-1.59E-01	196477730	196477853	NC_000002.11
cg01102307	1.66E-10	1.21E-11	-7.21	15.5513677	-6.21E-02	9340416	9340539	NC_000001.10
cg02992067	1.66E-10	1.21E-11	-7.21	15.5511525	-1.52E-01	53856169	53856292	NC_000016.9
cg02131513	1.66E-10	1.22E-11	-7.21	15.5507609	-3.65E-02	1358964	1359087	NC_000016.9
cg24324441	1.66E-10	1.22E-11	-7.21	15.5498899	-9.04E-02	158519002	158519125	NC_000003.11
cg22873412	1.67E-10	1.22E-11	-7.21	15.5489486	-6.40E-02	66753150	66753273	NC_000008.10
cg02491878	1.67E-10	1.22E-11	-7.21	15.5488863	-1.26E-01	138482580	138482703	NC_000007.13
cg04179940	1.67E-10	1.22E-11	-7.21	15.5481843	-4.63E-02	33871836	33871959	NC_000020.10
cg25129541	1.67E-10	1.22E-11	-7.21	15.548014	-1.02E-01	53273196	53273319	NC_000012.11

cg19969113	1.67E-10	1.22E-11	-7.21	15.5471599	-5.44E-02	118810441	118810564	NC_000012.11
cg04145193	1.67E-10	1.22E-11	-7.21	15.5471534	-5.00E-02	38083691	38083814	NC_000017.10
cg19450025	1.67E-10	1.22E-11	-7.21	15.5452574	-1.08E-01	30206073	30206196	NC_000016.9
cg03409548	1.67E-10	1.22E-11	-7.21	15.5450767	-4.12E-02	47082691	47082814	NC_000001.10
cg12420107	1.68E-10	1.23E-11	-7.21	15.5413694	-1.10E-01	140090300	140090423	NC_000005.9
cg13704911	1.68E-10	1.23E-11	-7.21	15.5405757	-1.28E-01	140341606	140341729	NC_000009.11
cg00351750	1.68E-10	1.23E-11	-7.21	15.5404036	-1.48E-01	246038775	246038898	NC_000001.10
cg14194983	1.68E-10	1.23E-11	-7.21	15.5395873	-1.06E-01	11908298	11908421	NC_000001.10
ch.7.130936447R	1.68E-10	1.23E-11	-7.21	15.539234	-2.77E-02	131285907	131286030	NC_000007.13
cg21304234	1.68E-10	1.23E-11	-7.21	15.5384806	-8.80E-02	839646	839769	NC_000004.11
cg12011522	1.68E-10	1.23E-11	-7.21	15.5378029	-1.42E-01	179192421	179192544	NC_000002.11
cg01113538	1.68E-10	1.23E-11	-7.2	15.5369897	-3.14E-02	53658866	53658989	NC_000006.11
cg09276315	1.69E-10	1.23E-11	-7.2	15.5353948	-2.49E-02	47614071	47614194	NC_000019.9
cg09151742	1.69E-10	1.24E-11	-7.2	15.5335625	-1.21E-01	122018897	122019020	NC_000012.11
cg08617645	1.69E-10	1.24E-11	-7.2	15.5319728	-1.08E-01	59666274	59666397	NC_000011.9
cg03843892	1.69E-10	1.24E-11	-7.2	15.5318104	-6.43E-02	33852801	33852924	NC_000016.9
cg09577804	1.69E-10	1.24E-11	-7.2	15.5311498	-4.84E-02	3235532	3235655	NC_000010.10
cg02165670	1.69E-10	1.24E-11	-7.2	15.5310685	-1.55E-01	94764647	94764770	NC_000013.10
cg15498274	1.70E-10	1.24E-11	-7.2	15.5296443	-9.61E-02	47742558	47742681	NC_000019.9
cg00238349	1.70E-10	1.24E-11	-7.2	15.5288744	-7.09E-02	52187791	52187914	NC_000003.11
cg20029881	1.70E-10	1.24E-11	-7.2	15.5280366	-1.67E-01	57545877	57546000	NC_000012.11
cg03957108	1.70E-10	1.24E-11	-7.2	15.5276282	-8.62E-02	63276545	63276668	NC_000002.11
cg09843272	1.70E-10	1.24E-11	-7.2	15.5273857	-1.12E-01	44258799	44258922	NC_000007.13
cg16907514	1.70E-10	1.25E-11	-7.2	15.5261582	-8.59E-02	56046098	56046221	NC_000014.8
ch.9.84366407R	1.70E-10	1.25E-11	-7.2	15.5250788	-1.23E-01	85176587	85176710	NC_000009.11

cg10950949	1.70E-10	1.25E-11	-7.2	15.5247613	-1.13E-01	4752739	4752862	NC_000017.10
cg06884875	1.70E-10	1.25E-11	-7.2	15.5246171	-9.76E-02	46313051	46313174	NC_000011.9
cg16182375	1.70E-10	1.25E-11	-7.2	15.5240755	-8.71E-02	80900894	80901017	NC_000010.10
cg23516949	1.71E-10	1.25E-11	-7.2	15.5225703	-6.84E-02	44092937	44093060	NC_000015.9
cg26902557	1.71E-10	1.25E-11	-7.2	15.5212474	-1.27E-01	1585852	1585975	NC_000011.9
cg04343045	1.71E-10	1.25E-11	-7.2	15.5207768	-7.27E-02	32859896	32860019	NC_000020.10
cg20998319	1.71E-10	1.25E-11	-7.2	15.5203853	-5.88E-02	157177345	157177468	NC_000002.11
cg08194009	1.71E-10	1.25E-11	-7.2	15.5203152	-8.96E-02	25707428	25707551	NC_000017.10
cg25837909	1.71E-10	1.25E-11	-7.2	15.5193948	-9.18E-02	63570396	63570519	NC_000015.9
cg01966974	1.71E-10	1.26E-11	-7.2	15.518803	-1.37E-01	212830395	212830518	NC_000001.10
cg09407429	1.71E-10	1.26E-11	-7.2	15.5185711	-5.13E-02	4534383	4534506	NC_000003.11
cg04675539	1.72E-10	1.26E-11	-7.2	15.5164436	-1.09E-01	1765397	1765520	NC_000004.11
cg21771714	1.72E-10	1.26E-11	-7.2	15.5156717	-6.53E-02	119031342	119031465	NC_000006.11
cg23348081	1.72E-10	1.26E-11	-7.2	15.5146397	-1.05E-01	14413690	14413813	NC_000012.11
cg18644543	1.72E-10	1.26E-11	-7.2	15.5142629	-6.86E-02	1067356	1067479	NC_000019.9
cg12922032	1.72E-10	1.26E-11	-7.2	15.5133353	-4.33E-02	32582209	32582332	NC_000002.11
cg17819732	1.72E-10	1.26E-11	-7.2	15.513055	-1.48E-01	203147367	203147490	NC_000001.10
cg07919197	1.72E-10	1.26E-11	-7.2	15.5126818	-4.62E-02	32646027	32646150	NC_000001.10
cg05727199	1.72E-10	1.26E-11	-7.2	15.5125998	-1.72E-01	108408907	108409030	NC_000011.9
cg05305046	1.72E-10	1.26E-11	-7.2	15.5120097	-9.83E-02	40841315	40841438	NC_000005.9
cg25315351	1.72E-10	1.26E-11	-7.2	15.5116514	-2.91E-02	227505447	227505570	NC_000001.10
cg02773192	1.73E-10	1.27E-11	-7.2	15.5106336	-1.40E-01	8893478	8893601	NC_000003.11
cg17573625	1.73E-10	1.27E-11	-7.2	15.5102893	-3.82E-02	7052664	7052787	NC_000012.11
cg24272559	1.73E-10	1.27E-11	-7.2	15.5100649	-1.75E-01	166572716	166572839	NC_000001.10
cg18677906	1.73E-10	1.27E-11	-7.2	15.5091951	-9.44E-02	132851967	132852090	NC_000012.11

cg02333875	1.73E-10	1.27E-11	-7.2	15.5087463	-8.84E-02	29618205	29618328	NC_000006.11
cg18996141	1.73E-10	1.27E-11	-7.2	15.5072855	-9.45E-02	71359873	71359996	NC_000003.11
cg23351030	1.74E-10	1.27E-11	-7.2	15.5037234	-6.25E-02	31549043	31549166	NC_000006.11
cg17435683	1.74E-10	1.27E-11	-7.2	15.5035255	-1.40E-01	3230609	3230732	NC_000001.10
cg00585174	1.74E-10	1.28E-11	-7.2	15.5027923	-1.54E-01	134499472	134499595	NC_000010.10
cg19998150	1.74E-10	1.28E-11	-7.2	15.5022572	-1.90E-01	14051838	14051961	NC_000010.10
cg17723156	1.74E-10	1.28E-11	-7.2	15.5021105	-1.05E-01	124247117	124247240	NC_000010.10
cg13431028	1.74E-10	1.28E-11	-7.2	15.501375	-1.82E-01	169073609	169073732	NC_000002.11
cg05854892	1.74E-10	1.28E-11	-7.2	15.5005124	-1.49E-01	100016352	100016475	NC_000015.9
cg15326513	1.74E-10	1.28E-11	-7.2	15.4999189	-1.49E-01	55859577	55859700	NC_000017.10
ch.5.87268879R	1.75E-10	1.28E-11	-7.2	15.4987445	-6.70E-02	87233123	87233246	NC_000005.9
cg09107315	1.75E-10	1.28E-11	-7.2	15.4969493	-8.28E-02	78511488	78511611	NC_000001.10
cg15319576	1.75E-10	1.29E-11	-7.2	15.4955692	-2.33E-01	127909557	127909680	NC_000011.9
cg05865161	1.75E-10	1.29E-11	-7.2	15.4948615	-5.60E-02	97557134	97557257	NC_000007.13
cg05992340	1.75E-10	1.29E-11	-7.2	15.4944403	-1.28E-01	58882243	58882366	NC_000005.9
cg03936495	1.75E-10	1.29E-11	-7.2	15.4941168	-8.35E-02	59539251	59539374	NC_000017.10
cg26169783	1.75E-10	1.29E-11	-7.2	15.4940583	-1.37E-01	34371837	34371960	NC_000013.10
cg09499414	1.75E-10	1.29E-11	-7.2	15.4940125	-4.76E-02	121414029	121414152	NC_000005.9
cg02906784	1.76E-10	1.29E-11	-7.2	15.4922765	-1.36E-01	54815664	54815787	NC_000003.11
cg01791669	1.76E-10	1.29E-11	-7.2	15.489788	-7.07E-02	109203673	109203796	NC_000012.11
cg12123502	1.77E-10	1.30E-11	-7.2	15.4857314	-1.14E-01	29980826	29980949	NC_000015.9
cg07410217	1.77E-10	1.30E-11	-7.2	15.4850413	-9.88E-02	38153736	38153859	NC_000004.11
cg20648272	1.77E-10	1.30E-11	-7.2	15.4846426	-8.22E-02	35068341	35068464	NC_000020.10
cg23158811	1.78E-10	1.31E-11	-7.19	15.4800519	-3.26E-02	19729732	19729855	NC_000019.9
cg03635300	1.78E-10	1.31E-11	-7.19	15.4782782	-1.64E-01	5802444	5802567	NC_000019.9



cg25364822	1.78E-10	1.31E-11	-7.19	15.4776968	-1.37E-01	33337257	33337380	NC_000001.10
cg05997730	1.78E-10	1.31E-11	-7.19	15.4767965	-9.02E-02	1036727	1036850	NC_000011.9
cg26962295	1.79E-10	1.31E-11	-7.19	15.4758245	-6.98E-02	28961797	28961920	NC_000016.9
cg22469388	1.79E-10	1.31E-11	-7.19	15.4742706	-7.56E-02	48912860	48912983	NC_000017.10
cg19237691	1.79E-10	1.32E-11	-7.19	15.4715043	-1.21E-01	1141617	1141740	NC_000001.10
cg18461436	1.79E-10	1.32E-11	-7.19	15.4707136	-1.33E-01	149096828	149096951	NC_000003.11
cg07397616	1.79E-10	1.32E-11	-7.19	15.4703683	-1.42E-01	38035109	38035232	NC_000022.10
cg02532672	1.80E-10	1.32E-11	-7.19	15.4688149	-1.15E-01	808649	808772	NC_000007.13
cg26118358	1.80E-10	1.32E-11	-7.19	15.468313	-1.77E-01	23321005	23321128	NC_000014.8
cg05068951	1.80E-10	1.32E-11	-7.19	15.4657266	-1.17E-01	95722106	95722229	NC_000014.8
cg03721978	1.80E-10	1.33E-11	-7.19	15.4653886	-1.20E-01	33245706	33245829	NC_000006.11
cg26260408	1.81E-10	1.33E-11	-7.19	15.4620935	-7.10E-02	53727979	53728102	NC_000004.11
cg14598846	1.81E-10	1.33E-11	-7.19	15.461978	-1.66E-01	145008909	145009032	NC_000008.10
cg07443717	1.81E-10	1.33E-11	-7.19	15.4611501	-1.57E-01	129383357	129383480	NC_000003.11
cg01976784	1.81E-10	1.33E-11	-7.19	15.4603492	-5.49E-02	58869823	58869946	NC_000011.9
cg07911682	1.81E-10	1.33E-11	-7.19	15.4588962	-3.54E-02	51425659	51425782	NC_000001.10
cg21059786	1.81E-10	1.33E-11	-7.19	15.4585569	-1.65E-01	10361064	10361187	NC_000002.11
cg08985885	1.82E-10	1.34E-11	-7.19	15.4547672	-1.44E-01	53719903	53720026	NC_000012.11
ch.14.55474310F	1.82E-10	1.34E-11	-7.19	15.4529167	-3.84E-02	56404557	56404680	NC_000014.8
cg14582970	1.83E-10	1.34E-11	-7.19	15.4527278	-5.05E-02	125676085	125676208	NC_000009.11
cg03977657	1.83E-10	1.34E-11	-7.19	15.4525362	-1.16E-01	209825747	209825870	NC_000001.10
cg08692903	1.83E-10	1.34E-11	-7.19	15.4518969	-1.13E-01	85424553	85424676	NC_000016.9
cg13933279	1.83E-10	1.35E-11	-7.19	15.450379	-1.31E-01	88418502	88418625	NC_000015.9
cg15631690	1.84E-10	1.35E-11	-7.19	15.4468409	-5.04E-02	51436073	51436196	NC_000001.10
cg07148024	1.84E-10	1.35E-11	-7.19	15.4460841	-1.64E-01	15753347	15753470	NC_000001.10

cg03212674	1.84E-10	1.35E-11	-7.19	15.4458792	-1.49E-01	155243807	155243930	NC_000001.10
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cg24537836	1.85E-10	1.36E-11	-7.19	15.4414321	-1.29E-01	51782159	51782282	NC_000012.11
cg19157696	1.85E-10	1.36E-11	-7.19	15.440724	-3.90E-02	27384984	27385107	NC_000011.9
cg26390400	1.85E-10	1.36E-11	-7.19	15.4406023	-1.55E-01	10556455	10556578	NC_000005.9
cg03448362	1.85E-10	1.36E-11	-7.19	15.4404019	-1.65E-01	172864347	172864470	NC_000001.10
cg02474195	1.85E-10	1.36E-11	-7.19	15.440285	-7.72E-02	43391449	43391572	NC_000003.11
cg18800827	1.85E-10	1.36E-11	-7.19	15.4396055	-3.62E-02	42633783	42633906	NC_000017.10
cg22113807	1.85E-10	1.36E-11	-7.19	15.4379158	-8.18E-02	3140865	3140988	NC_000020.10
cg05179805	1.86E-10	1.37E-11	-7.19	15.4342237	-5.65E-02	28289142	28289265	NC_000016.9
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cg03203294	1.86E-10	1.37E-11	-7.19	15.4317329	-1.19E-01	18579403	18579526	NC_000016.9
cg09077530	1.86E-10	1.37E-11	-7.19	15.4309244	-9.95E-02	3229195	3229318	NC_000001.10
cg07337793	1.87E-10	1.38E-11	-7.19	15.4290887	-1.80E-01	43038584	43038707	NC_000002.11
cg12413579	1.87E-10	1.38E-11	-7.19	15.4284756	-1.14E-01	36108206	36108329	NC_000001.10
cg02165713	1.87E-10	1.38E-11	-7.19	15.4272954	-3.29E-02	37447630	37447753	NC_000022.10
cg17034030	1.87E-10	1.38E-11	-7.19	15.4261001	-2.28E-02	38179885	38180008	NC_000003.11
cg17951613	1.87E-10	1.38E-11	-7.19	15.4250543	-6.47E-02	131705445	131705568	NC_000005.9
cg03513893	1.87E-10	1.38E-11	-7.19	15.4248367	-1.10E-01	184052502	184052625	NC_000003.11
cg06748584	1.87E-10	1.38E-11	-7.19	15.4246748	-1.42E-02	79520919	79521042	NC_000017.10
cg03110300	1.88E-10	1.38E-11	-7.19	15.4237923	-1.05E-01	56976186	56976309	NC_000018.9
cg21206816	1.88E-10	1.38E-11	-7.19	15.4236548	-1.21E-01	112013079	112013202	NC_000003.11
cg22191973	1.88E-10	1.38E-11	-7.18	15.4224276	-1.10E-01	55292558	55292681	NC_000018.9
cg18700744	1.88E-10	1.39E-11	-7.18	15.421817	-1.18E-01	112534559	112534682	NC_000012.11

cg25631249	1.88E-10	1.39E-11	-7.18	15.4198723	-5.30E-02	44092630	44092753	NC_000015.9
cg09834049	1.89E-10	1.39E-11	-7.18	15.4179894	-9.40E-02	23525720	23525843	NC_000014.8
cg14223017	1.89E-10	1.39E-11	-7.18	15.4173593	-7.23E-02	2151266	2151389	NC_000019.9
cg19705764	1.89E-10	1.39E-11	-7.18	15.4163981	-3.81E-02	30458626	30458749	NC_000020.10
cg18842717	1.89E-10	1.39E-11	-7.18	15.4152072	-3.66E-02	3400387	3400510	NC_000011.9
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cg00032609	1.89E-10	1.40E-11	-7.18	15.4139645	-8.41E-02	57606607	57606730	NC_000020.10
cg18810022	1.89E-10	1.40E-11	-7.18	15.4137187	-1.74E-01	134989811	134989934	NC_000002.11
cg20987067	1.90E-10	1.40E-11	-7.18	15.4121613	-1.23E-01	8747297	8747420	NC_000008.10
cg06383088	1.90E-10	1.40E-11	-7.18	15.4118171	-4.37E-02	100459634	100459757	NC_000009.11
cg10881749	1.90E-10	1.40E-11	-7.18	15.4108392	-2.08E-01	234792390	234792513	NC_000001.10
cg08445226	1.90E-10	1.40E-11	-7.18	15.4093569	-3.72E-02	99536904	99537027	NC_000003.11
cg14414943	1.90E-10	1.40E-11	-7.18	15.408993	-1.18E-01	111770718	111770841	NC_000001.10
cg21871091	1.90E-10	1.40E-11	-7.18	15.4083459	-1.58E-01	38349937	38350060	NC_000021.8
cg02544614	1.91E-10	1.41E-11	-7.18	15.4064193	-1.42E-01	61657117	61657240	NC_000020.10
cg01704105	1.91E-10	1.41E-11	-7.18	15.403869	-1.07E-01	225666	225789	NC_000016.9
cg08186915	1.91E-10	1.41E-11	-7.18	15.4031772	-1.21E-01	52938420	52938543	NC_000012.11
cg01332534	1.91E-10	1.41E-11	-7.18	15.4026798	-1.77E-01	42066091	42066214	NC_000002.11
cg24932925	1.92E-10	1.41E-11	-7.18	15.4011417	-6.58E-02	31708299	31708422	NC_000006.11
cg18793198	1.92E-10	1.42E-11	-7.18	15.4001017	-1.14E-01	131390894	131391017	NC_000012.11
cg26197254	1.92E-10	1.42E-11	-7.18	15.3999877	-9.10E-02	60994303	60994426	NC_000005.9
cg03983837	1.92E-10	1.42E-11	-7.18	15.3998276	-1.44E-01	2323801	2323924	NC_000011.9
cg23729763	1.92E-10	1.42E-11	-7.18	15.3995249	-1.80E-01	129991544	129991667	NC_000011.9
cg20363891	1.92E-10	1.42E-11	-7.18	15.3990728	-1.14E-01	241938818	241938941	NC_000002.11
ch.2.132864912R	1.92E-10	1.42E-11	-7.18	15.3981895	-3.93E-02	133148442	133148565	NC_000002.11

cg16096836	1.92E-10	1.42E-11	-7.18	15.3980485	-1.54E-01	36863573	36863696	NC_000022.10
cg15065821	1.92E-10	1.42E-11	-7.18	15.3973807	-9.56E-02	2696631	2696754	NC_000004.11
cg01165142	1.93E-10	1.42E-11	-7.18	15.3963018	-1.29E-01	27367172	27367295	NC_000016.9
cg04206742	1.93E-10	1.42E-11	-7.18	15.3944769	-7.96E-02	95248882	95249005	NC_000013.10
cg04257969	1.93E-10	1.43E-11	-7.18	15.3937004	-7.98E-02	74932579	74932702	NC_000012.11
cg15705746	1.93E-10	1.43E-11	-7.18	15.3931043	-1.48E-01	11546576	11546699	NC_000002.11
cg12699321	1.93E-10	1.43E-11	-7.18	15.3930312	-1.55E-01	117158482	117158605	NC_000003.11
cg05670953	1.93E-10	1.43E-11	-7.18	15.3915204	-1.84E-01	37033903	37034026	NC_000003.11
cg09247020	1.94E-10	1.44E-11	-7.18	15.3871413	-1.60E-01	56247892	56248015	NC_000014.8
cg18202623	1.94E-10	1.44E-11	-7.18	15.3866352	-4.86E-02	126236316	126236439	NC_000004.11
cg26384034	1.95E-10	1.44E-11	-7.18	15.3845566	-2.47E-02	84744055	84744178	NC_000006.11
cg26913669	1.95E-10	1.44E-11	-7.18	15.3842935	-1.39E-01	103574958	103575081	NC_000001.10
cg15159104	1.95E-10	1.44E-11	-7.18	15.3819586	-1.44E-01	43809865	43809988	NC_000015.9
ch.10.1432102R	1.95E-10	1.44E-11	-7.18	15.3806726	-5.43E-02	70200132	70200255	NC_000010.10
cg10070151	1.96E-10	1.45E-11	-7.18	15.3796802	-5.74E-02	39881965	39882088	NC_000019.9
cg03820795	1.96E-10	1.45E-11	-7.18	15.37845	-1.17E-01	4337140	4337263	NC_000017.10
cg02033694	1.96E-10	1.45E-11	-7.18	15.3783642	-8.41E-02	29296797	29296920	NC_000016.9
cg08456420	1.96E-10	1.45E-11	-7.18	15.3769907	-1.16E-01	39570175	39570298	NC_000001.10
cg20265951	1.96E-10	1.45E-11	-7.18	15.376947	-1.25E-01	134466907	134467030	NC_000008.10
cg15961887	1.96E-10	1.45E-11	-7.18	15.3769066	-7.18E-02	71554203	71554326	NC_000004.11
cg06103301	1.96E-10	1.45E-11	-7.18	15.3763612	-6.59E-02	23987730	23987853	NC_000003.11
cg14212983	1.96E-10	1.45E-11	-7.18	15.3763037	-5.18E-02	21985742	21985865	NC_000001.10
cg05808709	1.96E-10	1.45E-11	-7.18	15.3759683	-1.37E-01	160094954	160095077	NC_000001.10
cg09092093	1.96E-10	1.45E-11	-7.18	15.3757034	-9.78E-02	58335954	58336077	NC_000005.9
cg14859417	1.97E-10	1.45E-11	-7.18	15.374045	-9.58E-02	129704949	129705072	NC_000010.10

cg09718037	1.97E-10	1.45E-11	-7.18	15.3736997	-1.82E-01	117042854	117042977	NC_000012.11
cg25602159	1.97E-10	1.46E-11	-7.18	15.3736123	-4.75E-02	41222284	41222407	NC_000019.9
cg01656216	1.97E-10	1.46E-11	-7.18	15.3735158	-1.44E-01	31273710	31273833	NC_000010.10
cg19161424	1.97E-10	1.46E-11	-7.18	15.3731099	-1.05E-01	33360901	33361024	NC_000015.9
cg03542891	1.97E-10	1.46E-11	-7.18	15.3725766	-7.05E-02	83018357	83018480	NC_000005.9
cg13909661	1.97E-10	1.46E-11	-7.18	15.372437	-1.15E-01	26386833	26386956	NC_000012.11
cg17303833	1.97E-10	1.46E-11	-7.18	15.3715292	-6.57E-02	97889448	97889571	NC_000010.10
cg16716883	1.97E-10	1.46E-11	-7.18	15.370971	-5.28E-02	74079772	74079895	NC_000010.10
cg16027728	1.97E-10	1.46E-11	-7.18	15.370959	-6.62E-02	27441300	27441423	NC_000006.11
cg07493197	1.97E-10	1.46E-11	-7.18	15.3706304	-1.96E-01	53573969	53574092	NC_000017.10
cg15263021	1.97E-10	1.46E-11	-7.18	15.3700751	-1.26E-01	61273282	61273405	NC_000011.9
cg23425280	1.98E-10	1.46E-11	-7.18	15.3677819	-6.89E-02	56401806	56401929	NC_000012.11
cg14018024	1.98E-10	1.46E-11	-7.18	15.3670517	-1.75E-01	133908909	133909032	NC_000009.11
cg02260482	1.98E-10	1.47E-11	-7.18	15.366653	-3.38E-02	104359603	104359726	NC_000012.11
cg22162225	1.98E-10	1.47E-11	-7.18	15.3665036	-5.63E-02	62932835	62932958	NC_000002.11
cg24940155	1.98E-10	1.47E-11	-7.17	15.3657433	-1.65E-01	93896820	93896943	NC_000013.10
cg00701951	1.98E-10	1.47E-11	-7.17	15.36418	-1.59E-01	124228478	124228601	NC_000010.10
cg25048202	1.98E-10	1.47E-11	-7.17	15.363673	-5.35E-02	66993412	66993535	NC_000015.9
cg01623485	1.99E-10	1.47E-11	-7.17	15.3630634	-1.49E-01	1471699	1471822	NC_000011.9
cg00215611	1.99E-10	1.47E-11	-7.17	15.3626836	-6.32E-02	219860717	219860840	NC_000002.11
cg12373982	1.99E-10	1.47E-11	-7.17	15.361671	-3.45E-02	54857549	54857672	NC_000017.10
cg08430604	1.99E-10	1.47E-11	-7.17	15.3616398	-1.05E-01	44902960	44903083	NC_000003.11
cg03043827	1.99E-10	1.47E-11	-7.17	15.3613703	-2.75E-02	128981985	128982108	NC_000004.11
cg14827924	2.00E-10	1.48E-11	-7.17	15.357199	-1.34E-01	40900714	40900837	NC_000017.10
cg07722358	2.00E-10	1.48E-11	-7.17	15.3569666	-1.30E-01	36808414	36808537	NC_000006.11

cg03338903	2.00E-10	1.48E-11	-7.17	15.3565115	-3.59E-02	44191871	44191994	NC_000006.11
cg16415411	2.00E-10	1.48E-11	-7.17	15.3561785	-8.29E-02	6910871	6910994	NC_000007.13
cg15242570	2.00E-10	1.48E-11	-7.17	15.355008	-5.87E-02	90341048	90341171	NC_000009.11
cg18730865	2.00E-10	1.48E-11	-7.17	15.3544004	-1.05E-01	34792020	34792143	NC_000005.9
cg17978727	2.00E-10	1.48E-11	-7.17	15.3540229	-8.12E-02	4991028	4991151	NC_000020.10
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cg05301124	2.01E-10	1.49E-11	-7.17	15.3528258	-1.54E-01	168517769	168517892	NC_000006.11
cg27128322	2.01E-10	1.49E-11	-7.17	15.3516781	-2.60E-02	43547338	43547461	NC_000018.9
cg10833826	2.01E-10	1.49E-11	-7.17	15.3510916	-2.99E-02	76837038	76837161	NC_000017.10
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cg15323253	2.02E-10	1.50E-11	-7.17	15.3441372	-1.70E-01	3766662	3766785	NC_000006.11
cg09042678	2.02E-10	1.50E-11	-7.17	15.3439968	-1.20E-01	18117663	18117786	NC_000020.10
cg01087129	2.02E-10	1.50E-11	-7.17	15.3438418	-1.76E-01	100317741	100317864	NC_000007.13
cg13896608	2.02E-10	1.50E-11	-7.17	15.3435908	-4.50E-02	9811407	9811530	NC_000003.11
cg16076930	2.02E-10	1.50E-11	-7.17	15.3434888	-7.30E-02	71880278	71880401	NC_000016.9
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cg07775417	2.03E-10	1.50E-11	-7.17	15.3406414	-1.53E-01	84469563	84469686	NC_000004.11

cg04119593	2.03E-10	1.51E-11	-7.17	15.3398048	-1.17E-01	40985406	40985529	NC_000021.8
cg25948831	2.03E-10	1.51E-11	-7.17	15.338469	-1.42E-01	78038002	78038125	NC_000017.10
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cg27383975	2.04E-10	1.51E-11	-7.17	15.336777	-3.19E-02	17356182	17356305	NC_000019.9
cg17442752	2.04E-10	1.51E-11	-7.17	15.3364669	-2.13E-02	24988758	24988881	NC_000022.10
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cg13702185	2.05E-10	1.52E-11	-7.17	15.3314286	-1.39E-01	3438579	3438702	NC_000004.11
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cg18104015	2.05E-10	1.52E-11	-7.17	15.3311323	-1.02E-01	81031724	81031847	NC_000017.10
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cg24497813	2.06E-10	1.53E-11	-7.17	15.3258991	-5.43E-02	145910623	145910746	NC_000008.10
cg05489252	2.06E-10	1.53E-11	-7.17	15.325501	-1.12E-01	183109869	183109992	NC_000003.11
cg21550219	2.06E-10	1.53E-11	-7.17	15.3242678	-1.26E-01	135394043	135394166	NC_000005.9
cg20201475	2.06E-10	1.53E-11	-7.17	15.3229195	-5.50E-02	168867307	168867430	NC_000003.11

cg12219434	2.06E-10	1.53E-11	-7.17	15.3226471	-1.61E-01	80820415	80820538	NC_000003.11
cg24799947	2.06E-10	1.53E-11	-7.17	15.3220332	-1.08E-01	44958131	44958254	NC_000015.9
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cg15105060	2.07E-10	1.54E-11	-7.17	15.3191655	-1.49E-01	7024189	7024312	NC_000004.11
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cg22778120	2.07E-10	1.54E-11	-7.17	15.3174267	-9.10E-02	45094531	45094654	NC_000022.10
cg12180319	2.07E-10	1.54E-11	-7.17	15.3171152	-9.14E-02	48705662	48705785	NC_000015.9
cg10591516	2.08E-10	1.54E-11	-7.17	15.3160858	-1.89E-01	125405786	125405909	NC_000012.11
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cg03084710	2.09E-10	1.55E-11	-7.17	15.3101965	-1.75E-01	150603058	150603181	NC_000001.10
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cg19915087	2.11E-10	1.57E-11	-7.16	15.2992404	-1.17E-01	203453744	203453867	NC_000002.11
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cg27531236	2.12E-10	1.58E-11	-7.16	15.2956882	-1.01E-01	47854334	47854457	NC_000004.11
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cg20546518	2.12E-10	1.58E-11	-7.16	15.2934786	-1.25E-01	105195480	105195603	NC_000014.8
cg01040181	2.12E-10	1.58E-11	-7.16	15.2928744	-6.58E-02	146278358	146278481	NC_000008.10
cg09273059	2.12E-10	1.58E-11	-7.16	15.2919311	-1.23E-01	71077221	71077344	NC_000010.10
cg23461926	2.13E-10	1.58E-11	-7.16	15.2908716	-1.42E-01	147691991	147692114	NC_000005.9
cg22422251	2.13E-10	1.58E-11	-7.16	15.2907004	-1.37E-01	112370191	112370314	NC_000005.9
cg13702536	2.13E-10	1.58E-11	-7.16	15.2904998	-1.88E-01	123215553	123215676	NC_000012.11
cg00475815	2.13E-10	1.58E-11	-7.16	15.2900148	-4.20E-02	196594767	196594890	NC_000003.11
cg23059701	2.13E-10	1.59E-11	-7.16	15.2881003	-1.31E-01	2428889	2429012	NC_000019.9
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cg24069479	2.14E-10	1.60E-11	-7.16	15.2822443	-7.27E-02	41861108	41861231	NC_000001.10
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cg06705548	2.14E-10	1.60E-11	-7.16	15.2820414	-8.09E-02	49218579	49218702	NC_000010.10
cg19095784	2.15E-10	1.60E-11	-7.16	15.2807245	-5.87E-02	37070475	37070598	NC_000006.11
cg22421417	2.15E-10	1.60E-11	-7.16	15.2797311	-1.26E-01	30707585	30707708	NC_000013.10
cg00412772	2.15E-10	1.60E-11	-7.16	15.2784989	-1.26E-01	38794845	38794968	NC_000019.9
cg17018517	2.15E-10	1.61E-11	-7.16	15.276748	-5.92E-02	139947922	139948045	NC_000009.11

cg05968601	2.16E-10	1.61E-11	-7.16	15.2765829	-4.04E-02	97657259	97657382	NC_000008.10
cg15451250	2.16E-10	1.61E-11	-7.16	15.2750634	-1.21E-01	6955660	6955783	NC_000004.11
cg12595697	2.16E-10	1.61E-11	-7.16	15.2739005	-1.03E-01	128127108	128127231	NC_000003.11
cg09538682	2.16E-10	1.61E-11	-7.16	15.2721129	-1.49E-01	8833314	8833437	NC_000002.11
cg18048544	2.17E-10	1.62E-11	-7.16	15.2694762	-4.47E-02	38033938	38034061	NC_000008.10
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cg01860753	2.17E-10	1.62E-11	-7.16	15.2678715	-4.67E-02	206730586	206730709	NC_000001.10
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cg27135125	2.17E-10	1.62E-11	-7.16	15.2671472	-1.00E-01	23510082	23510205	NC_000007.13
cg01225317	2.18E-10	1.62E-11	-7.16	15.2663266	-3.10E-02	205473878	205474001	NC_000001.10
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cg16131053	2.18E-10	1.63E-11	-7.16	15.2647447	-1.30E-01	45459276	45459399	NC_000018.9
cg24975342	2.18E-10	1.63E-11	-7.16	15.2636944	-1.19E-01	55193659	55193782	NC_000005.9
cg19502920	2.18E-10	1.63E-11	-7.16	15.2636551	-6.55E-02	35290635	35290758	NC_000017.10
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cg13691961	2.18E-10	1.63E-11	-7.16	15.2625487	-1.49E-01	89743281	89743404	NC_000012.11
cg05498539	2.18E-10	1.63E-11	-7.16	15.2619754	-1.10E-01	88719848	88719971	NC_000010.10
cg08650426	2.19E-10	1.63E-11	-7.16	15.260313	-6.28E-02	180471293	180471416	NC_000001.10
cg10519271	2.19E-10	1.63E-11	-7.16	15.2602561	-3.43E-02	28286837	28286960	NC_000001.10
cg20782252	2.19E-10	1.63E-11	-7.16	15.2598749	-9.87E-02	2153774	2153897	NC_000007.13
cg09293559	2.19E-10	1.64E-11	-7.16	15.2586016	-1.37E-01	72911729	72911852	NC_000016.9
cg19812050	2.19E-10	1.64E-11	-7.16	15.25852	-5.18E-02	1471537	1471660	NC_000019.9
cg16865965	2.20E-10	1.64E-11	-7.16	15.2564556	-2.00E-01	85811662	85811785	NC_000002.11
cg11721249	2.20E-10	1.64E-11	-7.16	15.255518	-1.23E-01	52702231	52702354	NC_000012.11
cg20219891	2.20E-10	1.64E-11	-7.16	15.2544961	-1.39E-01	121496875	121496998	NC_000002.11

cg24501831	2.20E-10	1.64E-11	-7.16	15.2538188	-1.19E-01	81194777	81194900	NC_000010.10
cg06366345	2.20E-10	1.64E-11	-7.16	15.2533439	-1.20E-01	101459591	101459714	NC_000014.8
cg16679650	2.20E-10	1.65E-11	-7.16	15.2527719	-1.08E-01	24239820	24239943	NC_000001.10
cg23779604	2.20E-10	1.65E-11	-7.15	15.2525828	-1.76E-01	2760784	2760907	NC_000007.13
cg16398761	2.20E-10	1.65E-11	-7.15	15.2522859	-1.12E-01	74220238	74220361	NC_000014.8
cg19452060	2.21E-10	1.65E-11	-7.15	15.2491595	-6.43E-02	57914632	57914755	NC_000012.11
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cg20726804	2.22E-10	1.65E-11	-7.15	15.2473264	-3.66E-02	85553966	85554089	NC_000002.11
cg18939928	2.22E-10	1.66E-11	-7.15	15.2464726	-5.73E-02	1407468	1407591	NC_000019.9
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cg08333555	2.22E-10	1.66E-11	-7.15	15.2442052	-3.25E-02	20817571	20817694	NC_000016.9
cg14648237	2.22E-10	1.66E-11	-7.15	15.2440568	-1.48E-01	64422393	64422516	NC_000017.10
cg23647768	2.22E-10	1.66E-11	-7.15	15.2436476	-8.93E-02	1054538	1054661	NC_000011.9
cg20382867	2.22E-10	1.66E-11	-7.15	15.243046	-1.62E-01	12310085	12310208	NC_000002.11
cg03985555	2.23E-10	1.66E-11	-7.15	15.2415212	-1.33E-01	98729117	98729240	NC_000001.10
cg26182406	2.23E-10	1.66E-11	-7.15	15.2412829	-1.72E-01	105491309	105491432	NC_000014.8
cg11331422	2.23E-10	1.66E-11	-7.15	15.2411807	-4.81E-02	10491258	10491381	NC_000019.9
cg27154627	2.23E-10	1.66E-11	-7.15	15.2410929	-7.13E-02	74398649	74398772	NC_000011.9
cg18101225	2.23E-10	1.67E-11	-7.15	15.2408642	-8.03E-02	15964913	15965036	NC_000004.11
cg06191203	2.23E-10	1.67E-11	-7.15	15.2394059	-6.63E-02	152266755	152266878	NC_000002.11
cg07201835	2.23E-10	1.67E-11	-7.15	15.2388706	-2.04E-01	32831369	32831492	NC_000012.11
cg06239064	2.24E-10	1.67E-11	-7.15	15.2353319	-1.46E-01	66697621	66697744	NC_000012.11
cg00290994	2.24E-10	1.68E-11	-7.15	15.2350037	-9.52E-02	41848739	41848862	NC_000001.10

cg02679291	2.24E-10	1.68E-11	-7.15	15.2332542	-7.60E-02	48248902	48249025	NC_000019.9
cg11708690	2.25E-10	1.68E-11	-7.15	15.2318304	-1.33E-01	239330202	239330325	NC_000002.11
cg07474957	2.25E-10	1.68E-11	-7.15	15.2313262	-2.20E-01	30650844	30650967	NC_000006.11
cg13165139	2.25E-10	1.68E-11	-7.15	15.2299216	-3.76E-02	42698151	42698274	NC_000008.10
cg13997720	2.25E-10	1.69E-11	-7.15	15.2286398	-7.65E-02	68780984	68781107	NC_000011.9
cg07670188	2.26E-10	1.69E-11	-7.15	15.2246016	-7.55E-02	124066860	124066983	NC_000012.11
cg05533615	2.26E-10	1.69E-11	-7.15	15.224286	-8.47E-02	46291868	46291991	NC_000021.8
cg07843390	2.27E-10	1.69E-11	-7.15	15.2236808	-1.34E-01	2541015	2541138	NC_000019.9
cg01266338	2.27E-10	1.70E-11	-7.15	15.2231287	-6.88E-02	86237590	86237713	NC_000009.11
cg22522598	2.27E-10	1.70E-11	-7.15	15.2225894	-1.62E-01	15360953	15361076	NC_000019.9
ch.3.360440R	2.27E-10	1.70E-11	-7.15	15.2217365	-5.87E-02	15726373	15726496	NC_000003.11
cg13855276	2.28E-10	1.71E-11	-7.15	15.2165249	-6.51E-02	37080062	37080185	NC_000009.11
cg19916364	2.28E-10	1.71E-11	-7.15	15.2160067	-1.16E-01	68961838	68961961	NC_000001.10
cg20912172	2.28E-10	1.71E-11	-7.15	15.215985	-2.19E-02	211500571	211500694	NC_000001.10
cg27084303	2.28E-10	1.71E-11	-7.15	15.2158871	-5.33E-02	23755009	23755132	NC_000014.8
cg17291435	2.28E-10	1.71E-11	-7.15	15.215546	-1.83E-02	106015527	106015650	NC_000002.11
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cg07202353	2.29E-10	1.72E-11	-7.15	15.2118582	-1.18E-01	42210119	42210242	NC_000015.9
cg02474563	2.29E-10	1.72E-11	-7.15	15.2112756	-1.44E-01	134442032	134442155	NC_000010.10
cg23001905	2.29E-10	1.72E-11	-7.15	15.2108668	-1.30E-01	1265302	1265425	NC_000019.9
cg04950342	2.30E-10	1.72E-11	-7.15	15.2079863	-1.45E-01	30544522	30544645	NC_000003.11
cg00145683	2.30E-10	1.72E-11	-7.15	15.2063319	-1.51E-01	51915089	51915212	NC_000016.9
cg20825023	2.31E-10	1.73E-11	-7.15	15.2049811	-8.19E-02	846742	846865	NC_000001.10
cg03432948	2.31E-10	1.73E-11	-7.15	15.2044955	-7.72E-02	53712982	53713105	NC_000013.10
cg13335388	2.31E-10	1.73E-11	-7.15	15.2044773	-1.00E-01	31550241	31550364	NC_000006.11

cg02849401	2.31E-10	1.73E-11	-7.15	15.2036848	-1.38E-01	19668740	19668863	NC_000011.9
cg21432302	2.31E-10	1.73E-11	-7.15	15.202136	-5.57E-02	5343586	5343709	NC_000007.13
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cg22258045	2.32E-10	1.73E-11	-7.15	15.2009114	-1.51E-01	145002534	145002657	NC_000008.10
cg27286957	2.32E-10	1.73E-11	-7.15	15.200881	-1.15E-01	33740409	33740532	NC_000006.11
cg14549078	2.32E-10	1.74E-11	-7.15	15.1997417	-1.61E-01	48752032	48752155	NC_000015.9
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cg22510662	2.32E-10	1.74E-11	-7.15	15.1991388	-1.35E-01	36202853	36202976	NC_000005.9
cg05143954	2.32E-10	1.74E-11	-7.15	15.1990301	-6.74E-02	103424275	103424398	NC_000008.10
cg15120925	2.32E-10	1.74E-11	-7.15	15.1983097	-3.72E-02	113573809	113573932	NC_000012.11
cg14218108	2.32E-10	1.74E-11	-7.15	15.1979757	-1.45E-01	10658271	10658394	NC_000004.11
cg00854324	2.32E-10	1.74E-11	-7.15	15.1972234	-4.10E-02	69941269	69941392	NC_000016.9
cg07918509	2.33E-10	1.75E-11	-7.14	15.1944825	-1.38E-01	62083407	62083530	NC_000017.10
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cg13817395	2.34E-10	1.76E-11	-7.14	15.1891335	-1.03E-01	32014926	32015049	NC_000006.11
cg05792022	2.34E-10	1.76E-11	-7.14	15.1882649	-5.34E-02	41239732	41239855	NC_000013.10
cg12623930	2.35E-10	1.76E-11	-7.14	15.1873993	-5.18E-02	52008802	52008925	NC_000003.11
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cg08746496	2.35E-10	1.76E-11	-7.14	15.1839772	-1.20E-01	89765045	89765168	NC_000015.9
cg04305621	2.35E-10	1.76E-11	-7.14	15.18375	-1.58E-01	73084263	73084386	NC_000017.10
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cg00596521	2.36E-10	1.77E-11	-7.14	15.1808497	-2.72E-02	175260560	175260683	NC_000002.11
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cg18345369	2.36E-10	1.77E-11	-7.14	15.1795494	-7.80E-02	2907859	2907982	NC_000016.9
cg22512768	2.37E-10	1.78E-11	-7.14	15.1769305	-1.53E-01	139932535	139932658	NC_000004.11
cg16554164	2.37E-10	1.78E-11	-7.14	15.1760774	-1.90E-01	32410678	32410801	NC_000001.10
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cg05926606	2.38E-10	1.78E-11	-7.14	15.1728451	-5.10E-02	40685342	40685465	NC_000021.8
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cg10513161	2.38E-10	1.79E-11	-7.14	15.1716783	-6.07E-02	183705727	183705850	NC_000003.11
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cg25440932	2.39E-10	1.79E-11	-7.14	15.16913	-5.26E-02	74659490	74659613	NC_000008.10
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cg21851534	2.39E-10	1.79E-11	-7.14	15.1671811	-1.55E-01	3907994	3908117	NC_000017.10
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cg03109660	2.39E-10	1.80E-11	-7.14	15.1658338	-1.80E-01	37684505	37684628	NC_000004.11
cg25781868	2.39E-10	1.80E-11	-7.14	15.1654951	-1.17E-01	67289522	67289645	NC_000011.9
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cg11964099	2.40E-10	1.81E-11	-7.14	15.1613479	-9.18E-02	3905835	3905958	NC_000017.10

cg10233401	2.41E-10	1.81E-11	-7.14	15.1599811	-1.11E-01	45192368	45192491	NC_000010.10
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cg09715672	2.41E-10	1.81E-11	-7.14	15.1565537	-1.34E-01	88728278	88728401	NC_000010.10
cg05420867	2.42E-10	1.82E-11	-7.14	15.1561307	-1.40E-01	121112773	121112896	NC_000011.9
cg21752517	2.42E-10	1.82E-11	-7.14	15.1559825	-1.53E-01	74951359	74951482	NC_000011.9
cg21429551	2.42E-10	1.82E-11	-7.14	15.155233	-8.18E-02	30635762	30635885	NC_000007.13
cg17761898	2.42E-10	1.82E-11	-7.14	15.1531926	-9.76E-02	27782909	27783032	NC_000006.11
cg24165921	2.42E-10	1.82E-11	-7.14	15.1521021	-9.13E-02	79941506	79941629	NC_000012.11
cg18766475	2.42E-10	1.82E-11	-7.14	15.1519642	-1.23E-01	179923022	179923145	NC_000001.10
cg27307975	2.43E-10	1.82E-11	-7.14	15.1513687	-1.26E-01	58797839	58797962	NC_000015.9
cg22911074	2.43E-10	1.83E-11	-7.14	15.1506213	-3.61E-02	6632973	6633096	NC_000005.9
cg07833104	2.43E-10	1.83E-11	-7.14	15.1503661	-1.17E-01	109797333	109797456	NC_000001.10
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cg23051970	2.44E-10	1.83E-11	-7.14	15.1467319	-1.46E-01	75284193	75284316	NC_000017.10
cg13617248	2.44E-10	1.83E-11	-7.14	15.1457898	-8.27E-02	38640479	38640602	NC_000021.8
cg19442730	2.44E-10	1.83E-11	-7.14	15.1456934	-4.13E-02	73634476	73634599	NC_000013.10
cg21207616	2.44E-10	1.84E-11	-7.14	15.1452981	-8.77E-02	102139262	102139385	NC_000011.9
cg22842510	2.44E-10	1.84E-11	-7.14	15.145009	-2.21E-02	11456965	11457088	NC_000019.9
cg08023809	2.44E-10	1.84E-11	-7.14	15.1447222	-5.53E-02	53645616	53645739	NC_000012.11
cg27475088	2.44E-10	1.84E-11	-7.14	15.1444338	-7.61E-02	194509	194632	NC_000011.9

cg10670430	2.44E-10	1.84E-11	-7.14	15.1433907	-1.65E-01	196755688	196755811	NC_000003.11
cg19006130	2.45E-10	1.84E-11	-7.14	15.1425793	-5.33E-02	118478252	118478375	NC_000011.9
cg18444702	2.45E-10	1.84E-11	-7.14	15.142403	-1.19E-01	15366862	15366985	NC_000003.11
cg06179606	2.45E-10	1.84E-11	-7.14	15.142257	-9.58E-02	96055142	96055265	NC_000002.11
cg13356175	2.45E-10	1.84E-11	-7.14	15.1408485	-1.26E-01	153413641	153413764	NC_000001.10
cg12356155	2.45E-10	1.84E-11	-7.14	15.1401794	-1.28E-01	7673324	7673447	NC_000017.10
cg01316378	2.46E-10	1.85E-11	-7.13	15.1382472	-1.45E-01	63629580	63629703	NC_000010.10
cg04658357	2.46E-10	1.85E-11	-7.13	15.1368457	-1.14E-01	18911043	18911166	NC_000017.10
cg14289738	2.46E-10	1.85E-11	-7.13	15.1361079	-1.12E-01	127071570	127071693	NC_000009.11
cg12798338	2.47E-10	1.86E-11	-7.13	15.1340666	-1.26E-01	76128683	76128806	NC_000017.10
cg09119776	2.47E-10	1.86E-11	-7.13	15.1316347	-9.55E-02	104387263	104387386	NC_000010.10
cg20529923	2.47E-10	1.86E-11	-7.13	15.1315452	-8.17E-02	32110187	32110310	NC_000011.9
cg23256579	2.48E-10	1.86E-11	-7.13	15.1299248	-1.46E-01	11002403	11002526	NC_000012.11
cg05910615	2.48E-10	1.86E-11	-7.13	15.1299018	-6.10E-02	36248877	36249000	NC_000019.9
cg02452985	2.48E-10	1.87E-11	-7.13	15.1293592	-3.01E-02	99737548	99737671	NC_000014.8
cg17191558	2.48E-10	1.87E-11	-7.13	15.1282774	-9.36E-02	144992837	144992960	NC_000008.10
ch.7.3356624R	2.48E-10	1.87E-11	-7.13	15.12678	-5.43E-02	157205374	157205497	NC_000007.13
cg19088634	2.49E-10	1.87E-11	-7.13	15.1252606	-1.09E-01	35229391	35229514	NC_000001.10
cg10796931	2.49E-10	1.87E-11	-7.13	15.1250501	-9.77E-02	162467363	162467486	NC_000001.10
cg12242086	2.49E-10	1.88E-11	-7.13	15.1241006	-1.54E-01	155252796	155252919	NC_000007.13
cg04256834	2.49E-10	1.88E-11	-7.13	15.1228167	-1.52E-01	132502809	132502932	NC_000011.9
cg07310500	2.50E-10	1.88E-11	-7.13	15.1212594	-1.93E-01	65528222	65528345	NC_000002.11
cg18917270	2.50E-10	1.88E-11	-7.13	15.1202264	-6.56E-02	86296346	86296469	NC_000001.10
cg09186101	2.50E-10	1.88E-11	-7.13	15.1202039	-1.45E-01	80197062	80197185	NC_000017.10
cg26605086	2.50E-10	1.89E-11	-7.13	15.1182597	-5.67E-02	30302655	30302778	NC_000019.9



cg00820581	2.50E-10	1.89E-11	-7.13	15.1179827	-2.82E-02	174969299	174969422	NC_000001.10
cg02237704	2.51E-10	1.89E-11	-7.13	15.1174055	-5.65E-02	34724845	34724968	NC_000006.11
cg23439966	2.51E-10	1.89E-11	-7.13	15.1171941	-1.38E-01	27674472	27674595	NC_000003.11
cg04576630	2.51E-10	1.89E-11	-7.13	15.1165759	-3.66E-02	20817619	20817742	NC_000016.9
cg10582860	2.52E-10	1.90E-11	-7.13	15.1109669	-1.57E-01	55347991	55348114	NC_000002.11
ch.12.109182886F	2.52E-10	1.90E-11	-7.13	15.1109253	-9.63E-02	110698503	110698626	NC_000012.11
cg24851260	2.52E-10	1.90E-11	-7.13	15.1108214	-1.32E-01	7297992	7298115	NC_000019.9
cg21950720	2.52E-10	1.90E-11	-7.13	15.1097125	-8.63E-02	26347088	26347211	NC_000001.10
cg06357807	2.53E-10	1.90E-11	-7.13	15.1090403	-1.68E-02	135503203	135503326	NC_000006.11
cg06595632	2.53E-10	1.91E-11	-7.13	15.1086568	-7.72E-02	69697369	69697492	NC_000005.9
cg05751310	2.53E-10	1.91E-11	-7.13	15.1079532	-1.48E-01	88963738	88963861	NC_000016.9
cg08779779	2.53E-10	1.91E-11	-7.13	15.1070134	-5.71E-02	200322566	200322689	NC_000002.11
cg01014224	2.54E-10	1.91E-11	-7.13	15.1050029	-1.60E-01	44379186	44379309	NC_000013.10
cg22261612	2.54E-10	1.91E-11	-7.13	15.1044783	-6.81E-02	117187137	117187260	NC_000011.9
cg11920449	2.54E-10	1.91E-11	-7.13	15.1042465	-1.43E-01	36645608	36645731	NC_000006.11
cg04108502	2.54E-10	1.91E-11	-7.13	15.1039245	-3.75E-02	56360908	56361031	NC_000012.11
cg13398782	2.54E-10	1.91E-11	-7.13	15.1039035	-3.62E-02	23857288	23857411	NC_000001.10
cg27032184	2.54E-10	1.91E-11	-7.13	15.1037385	-9.65E-02	46731129	46731252	NC_000022.10
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cg18772376	2.54E-10	1.92E-11	-7.13	15.1010886	-1.51E-01	22474765	22474888	NC_000012.11
cg09060908	2.55E-10	1.92E-11	-7.13	15.1007776	-1.79E-01	223743126	223743249	NC_000001.10
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cg11155735	2.55E-10	1.92E-11	-7.13	15.0998487	-1.53E-01	19540479	19540602	NC_000008.10
cg05955566	2.55E-10	1.92E-11	-7.13	15.0987358	-5.47E-02	99038273	99038396	NC_000012.11
cg08629176	2.55E-10	1.93E-11	-7.13	15.0983831	-1.12E-01	55427708	55427831	NC_000017.10

cg11934427	2.55E-10	1.93E-11	-7.13	15.0977663	-6.96E-02	25982162	25982285	NC_000017.10
cg02760495	2.55E-10	1.93E-11	-7.13	15.0968615	-1.63E-01	139678075	139678198	NC_000003.11
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cg05236972	2.57E-10	1.94E-11	-7.13	15.0890933	-6.21E-02	46933233	46933356	NC_000022.10
cg06295784	2.58E-10	1.95E-11	-7.13	15.0878724	-1.48E-01	160771074	160771197	NC_000006.11
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cg01611134	2.61E-10	1.97E-11	-7.12	15.0737467	-5.18E-02	48499475	48499598	NC_000012.11
cg21656672	2.61E-10	1.97E-11	-7.12	15.0736501	-6.69E-02	2272667	2272790	NC_000007.13
cg21931938	2.61E-10	1.98E-11	-7.12	15.0732192	-1.82E-01	40600493	40600616	NC_000015.9
cg12573002	2.62E-10	1.98E-11	-7.12	15.0720004	-1.23E-01	31560624	31560747	NC_000006.11
cg08498836	2.62E-10	1.98E-11	-7.12	15.0713079	-1.68E-01	149292366	149292489	NC_000003.11
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cg08237521	2.64E-10	2.00E-11	-7.12	15.0625664	-1.20E-01	66360304	66360427	NC_000016.9
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cg27176614	2.68E-10	2.03E-11	-7.12	15.0454927	-1.20E-01	88717989	88718112	NC_000016.9
cg21067465	2.69E-10	2.04E-11	-7.12	15.0424662	-1.29E-01	86304288	86304411	NC_000011.9
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cg15462862	2.70E-10	2.05E-11	-7.12	15.038854	-9.78E-02	21671245	21671368	NC_000001.10
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cg22793860	2.70E-10	2.05E-11	-7.12	15.0374104	-3.68E-02	98030482	98030605	NC_000007.13
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cg15059474	2.70E-10	2.05E-11	-7.12	15.0367809	-1.57E-01	97990184	97990307	NC_000007.13
cg04816302	2.71E-10	2.05E-11	-7.12	15.0344834	-9.20E-02	145473213	145473336	NC_000001.10
cg03216846	2.71E-10	2.06E-11	-7.12	15.0338632	-1.20E-01	119543883	119544006	NC_000001.10
cg12498409	2.71E-10	2.06E-11	-7.12	15.0338113	-5.64E-02	40174463	40174586	NC_000007.13
cg03529744	2.71E-10	2.06E-11	-7.12	15.0330756	-4.51E-02	9600884	9601007	NC_000012.11
cg27266425	2.71E-10	2.06E-11	-7.12	15.033057	-4.53E-02	38893620	38893743	NC_000019.9
cg12491114	2.71E-10	2.06E-11	-7.12	15.0328507	-1.62E-01	39685524	39685647	NC_000017.10
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cg06012872	2.72E-10	2.06E-11	-7.12	15.0308152	-1.60E-01	45374841	45374964	NC_000010.10
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cg03226872	2.72E-10	2.07E-11	-7.12	15.0286816	-1.55E-01	36153865	36153988	NC_000020.10
cg15661865	2.72E-10	2.07E-11	-7.12	15.0285226	-9.29E-02	27632926	27633049	NC_000002.11
cg05724257	2.73E-10	2.07E-11	-7.12	15.026003	-1.21E-01	34524290	34524413	NC_000006.11
cg13850344	2.74E-10	2.08E-11	-7.11	15.0241368	-5.97E-02	121648450	121648573	NC_000012.11
cg18500968	2.74E-10	2.08E-11	-7.11	15.0238905	-1.31E-01	43816263	43816386	NC_000021.8
ch.11.1353882R	2.74E-10	2.08E-11	-7.11	15.0231477	-6.15E-02	66527663	66527786	NC_000011.9
cg00356694	2.74E-10	2.08E-11	-7.11	15.0230046	-1.62E-01	4337202	4337325	NC_000017.10
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cg15891076	2.74E-10	2.08E-11	-7.11	15.0211714	-8.02E-02	65930618	65930741	NC_000010.10
cg20335309	2.74E-10	2.08E-11	-7.11	15.0210304	-1.22E-01	22899442	22899565	NC_000001.10
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cg16299747	2.75E-10	2.09E-11	-7.11	15.0172388	-1.20E-01	118429952	118430075	NC_000010.10
cg15963417	2.76E-10	2.09E-11	-7.11	15.0163899	-9.74E-02	103311300	103311423	NC_000012.11
cg08337633	2.76E-10	2.09E-11	-7.11	15.0158772	-2.09E-01	55602109	55602232	NC_000007.13

cg17073733	2.76E-10	2.09E-11	-7.11	15.0158428	-5.49E-02	49374657	49374780	NC_000012.11
cg21252523	2.76E-10	2.09E-11	-7.11	15.0156605	-1.11E-01	27254071	27254194	NC_000007.13
cg19140928	2.76E-10	2.09E-11	-7.11	15.0154804	-1.36E-01	187632328	187632451	NC_000003.11
cg22328837	2.76E-10	2.10E-11	-7.11	15.0137032	-1.76E-01	45422120	45422243	NC_000006.11
cg16614638	2.76E-10	2.10E-11	-7.11	15.0132505	-4.09E-02	34073070	34073193	NC_000011.9
cg27150476	2.77E-10	2.10E-11	-7.11	15.0126384	-1.03E-01	1844878	1845001	NC_000004.11
cg18196453	2.77E-10	2.10E-11	-7.11	15.011765	-1.49E-01	125334555	125334678	NC_000006.11
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cg12177551	2.77E-10	2.10E-11	-7.11	15.0110633	-3.19E-02	65190180	65190303	NC_000011.9
cg27405706	2.77E-10	2.11E-11	-7.11	15.0096145	-1.28E-01	43786824	43786947	NC_000021.8
cg19791221	2.77E-10	2.11E-11	-7.11	15.0094148	-1.56E-01	36168288	36168411	NC_000021.8
cg01512084	2.78E-10	2.11E-11	-7.11	15.0077566	-1.03E-01	45754232	45754355	NC_000021.8
cg12270485	2.78E-10	2.11E-11	-7.11	15.0077264	-1.08E-01	130299947	130300070	NC_000011.9
cg02897366	2.78E-10	2.11E-11	-7.11	15.0074272	-1.41E-01	201425990	201426113	NC_000001.10
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cg26477856	2.79E-10	2.12E-11	-7.11	15.0050318	-1.38E-01	56324915	56325038	NC_000012.11
cg13505631	2.79E-10	2.12E-11	-7.11	15.0047325	-1.44E-01	127018840	127018963	NC_000009.11
cg19473989	2.80E-10	2.12E-11	-7.11	15.0017838	-1.38E-01	7912384	7912507	NC_000004.11
cg08398147	2.80E-10	2.12E-11	-7.11	15.0013715	-5.85E-02	99766376	99766499	NC_000007.13
cg01862418	2.80E-10	2.12E-11	-7.11	15.001312	-3.46E-02	105953145	105953268	NC_000014.8
cg14879279	2.80E-10	2.13E-11	-7.11	14.9997768	-1.07E-01	68427020	68427143	NC_000011.9
cg26053526	2.80E-10	2.13E-11	-7.11	14.9992295	-9.32E-02	18609735	18609858	NC_000001.10
cg19293162	2.80E-10	2.13E-11	-7.11	14.9992212	-1.03E-01	2513302	2513425	NC_000019.9
cg13862851	2.80E-10	2.13E-11	-7.11	14.9989672	-9.31E-02	233791890	233792013	NC_000002.11
cg18295536	2.80E-10	2.13E-11	-7.11	14.9984205	-3.34E-02	137090169	137090292	NC_000005.9

cg14313833	2.81E-10	2.13E-11	-7.11	14.9969338	-9.86E-02	107666037	107666160	NC_000009.11
cg26119740	2.81E-10	2.14E-11	-7.11	14.9948239	-5.16E-02	73881915	73882038	NC_000011.9
cg18168672	2.81E-10	2.14E-11	-7.11	14.9947981	-8.11E-02	61905223	61905346	NC_000020.10
cg21799473	2.82E-10	2.14E-11	-7.11	14.9938187	-1.24E-01	31127379	31127502	NC_000006.11
cg27425383	2.82E-10	2.14E-11	-7.11	14.9931987	-1.19E-01	125776273	125776396	NC_000003.11
cg05310309	2.82E-10	2.14E-11	-7.11	14.992704	-1.86E-01	109257429	109257552	NC_000002.11
cg16836589	2.82E-10	2.15E-11	-7.11	14.9909199	-6.41E-02	30303674	30303797	NC_000019.9
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cg00151251	2.83E-10	2.15E-11	-7.11	14.9899877	-1.73E-01	198173194	198173317	NC_000002.11
cg20786367	2.83E-10	2.15E-11	-7.11	14.9893183	-8.14E-02	49395925	49396048	NC_000003.11
cg13847640	2.83E-10	2.15E-11	-7.11	14.9885967	-8.66E-02	87035982	87036105	NC_000002.11
cg02055963	2.83E-10	2.15E-11	-7.11	14.9880573	-1.10E-01	28543520	28543643	NC_000013.10
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cg18173859	2.84E-10	2.16E-11	-7.11	14.9837322	-1.41E-01	202091160	202091283	NC_000001.10
cg14095850	2.85E-10	2.17E-11	-7.11	14.9824962	-6.81E-02	45196584	45196707	NC_000021.8
cg21528620	2.85E-10	2.17E-11	-7.11	14.9819399	-4.17E-02	110753221	110753344	NC_000001.10
cg12865818	2.85E-10	2.17E-11	-7.11	14.9816015	-1.68E-01	96126599	96126722	NC_000008.10
cg12584100	2.85E-10	2.17E-11	-7.11	14.9815051	-2.26E-01	3023894	3024017	NC_000006.11
cg26606789	2.85E-10	2.17E-11	-7.11	14.9812055	-1.03E-01	44253219	44253342	NC_000021.8
cg11936145	2.85E-10	2.17E-11	-7.11	14.9800333	-2.69E-02	142297737	142297860	NC_000003.11
cg06915722	2.86E-10	2.18E-11	-7.11	14.9776486	-3.37E-02	65454554	65454677	NC_000002.11
cg23933216	2.86E-10	2.18E-11	-7.11	14.9773694	-7.82E-02	145059467	145059590	NC_000001.10
cg24401490	2.86E-10	2.18E-11	-7.11	14.9772618	-3.48E-02	159483186	159483309	NC_000003.11
cg14694075	2.86E-10	2.18E-11	-7.11	14.9765661	-1.23E-01	36059830	36059953	NC_000017.10
ch.19.1348515F	2.87E-10	2.18E-11	-7.11	14.9750603	-1.51E-02	41779996	41780119	NC_000019.9

cg23730109	2.87E-10	2.19E-11	-7.11	14.9738175	-1.22E-01	73731100	73731223	NC_000003.11
cg07241090	2.87E-10	2.19E-11	-7.11	14.973576	-1.71E-01	124864594	124864717	NC_000012.11
cg00652846	2.88E-10	2.19E-11	-7.11	14.971756	-1.60E-01	112934087	112934210	NC_000003.11
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cg00645593	2.88E-10	2.20E-11	-7.1	14.9687327	-5.19E-02	35930499	35930622	NC_000010.10
cg09216236	2.88E-10	2.20E-11	-7.1	14.9684695	-9.38E-02	65719627	65719750	NC_000001.10
cg24657687	2.89E-10	2.20E-11	-7.1	14.9672867	-1.55E-02	69707291	69707414	NC_000015.9
cg25275331	2.90E-10	2.21E-11	-7.1	14.9647335	-6.35E-02	40723935	40724058	NC_000001.10
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cg06135480	2.96E-10	2.26E-11	-7.1	14.9423518	-3.99E-02	85644718	85644841	NC_000016.9
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cg05202204	2.97E-10	2.26E-11	-7.1	14.9389639	-1.51E-01	38460950	38461073	NC_000001.10



cg21735384	2.97E-10	2.26E-11	-7.1	14.9389512	-1.36E-01	79304613	79304736	NC_000017.10
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cg06015993	2.97E-10	2.27E-11	-7.1	14.9379581	-7.05E-02	54755599	54755722	NC_000004.11
cg21218883	2.97E-10	2.27E-11	-7.1	14.9373784	-9.81E-02	46378287	46378410	NC_000002.11
cg25424299	2.98E-10	2.27E-11	-7.1	14.9356266	-1.22E-01	13319638	13319761	NC_000003.11
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cg26435198	2.99E-10	2.28E-11	-7.1	14.9316824	-1.24E-01	10703283	10703406	NC_000016.9
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cg18605031	3.00E-10	2.29E-11	-7.1	14.9277675	-1.20E-01	49314155	49314278	NC_000003.11
cg04366385	3.00E-10	2.29E-11	-7.1	14.9265277	-6.57E-02	78980382	78980505	NC_000004.11
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cg23729443	3.02E-10	2.30E-11	-7.1	14.922265	-1.26E-01	156211840	156211963	NC_000001.10
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cg26314240	3.03E-10	2.31E-11	-7.1	14.9182002	-1.16E-01	45599468	45599591	NC_000011.9
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cg05578030	3.04E-10	2.32E-11	-7.1	14.9147361	-3.35E-02	104681435	104681558	NC_000012.11

cg11692403	3.04E-10	2.32E-11	-7.1	14.9140426	-9.72E-02	72191087	72191210	NC_000010.10
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cg16908740	3.05E-10	2.33E-11	-7.09	14.9105556	-1.36E-01	152118444	152118567	NC_000001.10
cg05979457	3.05E-10	2.33E-11	-7.09	14.909272	-2.12E-01	105373628	105373751	NC_000008.10
cg25316569	3.06E-10	2.34E-11	-7.09	14.9083153	-7.03E-02	120530952	120531075	NC_000011.9
cg12806521	3.06E-10	2.34E-11	-7.09	14.9072122	-4.60E-02	6677729	6677852	NC_000012.11
cg19130824	3.07E-10	2.34E-11	-7.09	14.904982	-1.27E-01	122589969	122590092	NC_000004.11
cg23514211	3.07E-10	2.34E-11	-7.09	14.9045326	-7.63E-02	79304188	79304311	NC_000017.10
cg27000534	3.07E-10	2.34E-11	-7.09	14.9045171	-2.05E-01	105126571	105126694	NC_000014.8
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cg07151406	3.07E-10	2.35E-11	-7.09	14.9026921	-9.32E-02	99185290	99185413	NC_000010.10
cg00619628	3.08E-10	2.35E-11	-7.09	14.9018892	-1.07E-01	151258451	151258574	NC_000006.11
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cg05332270	3.08E-10	2.35E-11	-7.09	14.9008718	-6.63E-02	37384401	37384524	NC_000002.11
cg16932827	3.08E-10	2.35E-11	-7.09	14.9007878	-1.67E-01	193988639	193988762	NC_000003.11
cg24324755	3.08E-10	2.35E-11	-7.09	14.9004405	-5.59E-02	44115813	44115936	NC_000001.10
cg07919145	3.09E-10	2.36E-11	-7.09	14.8984157	-1.08E-01	39780408	39780531	NC_000022.10
cg13538865	3.09E-10	2.36E-11	-7.09	14.8977478	-4.81E-02	7538373	7538496	NC_000008.10
cg19256236	3.10E-10	2.37E-11	-7.09	14.8946271	-7.95E-02	49932216	49932339	NC_000012.11
cg11621113	3.10E-10	2.37E-11	-7.09	14.8943604	-9.13E-02	12776725	12776848	NC_000019.9
cg05520308	3.10E-10	2.37E-11	-7.09	14.8919613	-6.04E-02	77904256	77904379	NC_000017.10
cg15460093	3.11E-10	2.38E-11	-7.09	14.8907034	-1.68E-01	135090381	135090504	NC_000010.10
cg01768433	3.11E-10	2.38E-11	-7.09	14.890473	-1.42E-01	90185030	90185153	NC_000005.9
cg00194681	3.11E-10	2.38E-11	-7.09	14.8887416	-2.90E-02	124428640	124428763	NC_000008.10
cg01902704	3.12E-10	2.38E-11	-7.09	14.8882174	-1.18E-01	24999103	24999226	NC_000016.9

cg22436103	3.12E-10	2.38E-11	-7.09	14.8880138	-7.09E-02	159705548	159705671	NC_000002.11
cg22380652	3.12E-10	2.39E-11	-7.09	14.8868315	-3.67E-02	43389667	43389790	NC_000001.10
cg18426009	3.12E-10	2.39E-11	-7.09	14.8866136	-7.62E-02	75013471	75013594	NC_000005.9
cg12377816	3.12E-10	2.39E-11	-7.09	14.8863988	-1.37E-01	58758818	58758941	NC_000012.11
cg07179617	3.12E-10	2.39E-11	-7.09	14.8863272	-5.17E-02	33257475	33257598	NC_000006.11
cg01510278	3.13E-10	2.39E-11	-7.09	14.8842685	-1.87E-01	11456238	11456361	NC_000016.9
cg14236862	3.13E-10	2.39E-11	-7.09	14.8840351	-5.56E-02	43133935	43134058	NC_000010.10
cg01077846	3.13E-10	2.40E-11	-7.09	14.8830049	-2.08E-01	18499128	18499251	NC_000019.9
cg10777347	3.13E-10	2.40E-11	-7.09	14.8821688	-1.42E-01	87556005	87556128	NC_000007.13
cg12241367	3.13E-10	2.40E-11	-7.09	14.8818463	-5.75E-02	13203349	13203472	NC_000010.10
cg11386376	3.13E-10	2.40E-11	-7.09	14.8817423	-7.26E-02	55106106	55106229	NC_000001.10
ch.6.945235F	3.13E-10	2.40E-11	-7.09	14.881635	-1.64E-02	38099503	38099626	NC_000006.11
cg14071496	3.14E-10	2.40E-11	-7.09	14.8803825	-4.93E-02	14322503	14322626	NC_000009.11
cg09533087	3.14E-10	2.41E-11	-7.09	14.879533	-6.45E-02	436965	437088	NC_000008.10
cg02012159	3.15E-10	2.41E-11	-7.09	14.8776125	-1.48E-01	229477078	229477201	NC_000001.10
cg13500388	3.15E-10	2.41E-11	-7.09	14.8770589	-1.03E-01	67062135	67062258	NC_000016.9
cg17333886	3.15E-10	2.41E-11	-7.09	14.8768224	-1.42E-01	711676	711799	NC_000010.10
cg16029838	3.15E-10	2.41E-11	-7.09	14.8762965	-5.71E-02	44530503	44530626	NC_000007.13
cg23184556	3.15E-10	2.41E-11	-7.09	14.8760651	-1.27E-01	123600215	123600338	NC_000003.11
cg10175203	3.15E-10	2.42E-11	-7.09	14.8754639	-1.65E-01	128143634	128143757	NC_000003.11
cg08539067	3.15E-10	2.42E-11	-7.09	14.8752714	-9.90E-02	49395985	49396108	NC_000003.11
cg01920536	3.16E-10	2.42E-11	-7.09	14.8747532	-7.99E-02	39222754	39222877	NC_000003.11
cg12988996	3.16E-10	2.42E-11	-7.09	14.8746482	-3.11E-02	37828944	37829067	NC_000004.11
cg01124539	3.16E-10	2.42E-11	-7.09	14.873202	-1.39E-01	132312108	132312231	NC_000009.11
ch.1.2988325R	3.16E-10	2.42E-11	-7.09	14.8731818	-4.93E-02	154222154	154222277	NC_000001.10

cg01104250	3.16E-10	2.42E-11	-7.09	14.8729353	-1.35E-01	57567919	57568042	NC_000016.9
cg02352281	3.16E-10	2.42E-11	-7.09	14.8722411	-1.86E-01	46139305	46139428	NC_000003.11
cg04719634	3.16E-10	2.42E-11	-7.09	14.8719499	-1.57E-01	73872294	73872417	NC_000005.9
cg12035827	3.17E-10	2.43E-11	-7.09	14.871338	-3.69E-02	10855226	10855349	NC_000001.10
cg25381747	3.17E-10	2.43E-11	-7.09	14.8710686	-1.44E-01	115425899	115426022	NC_000010.10
cg24599650	3.17E-10	2.43E-11	-7.09	14.8702408	-9.85E-02	146015804	146015927	NC_000008.10
cg17510320	3.17E-10	2.43E-11	-7.09	14.8693923	-4.31E-02	66360559	66360682	NC_000011.9
cg11272232	3.17E-10	2.43E-11	-7.09	14.869287	-8.80E-02	38794814	38794937	NC_000019.9
cg01618851	3.17E-10	2.43E-11	-7.09	14.8681614	-8.66E-02	7812265	7812388	NC_000019.9
cg12290217	3.18E-10	2.44E-11	-7.09	14.8656434	-1.54E-01	99563030	99563153	NC_000015.9
cg24726705	3.19E-10	2.44E-11	-7.09	14.8645142	-9.44E-02	80799910	80800033	NC_000015.9
cg11424962	3.19E-10	2.44E-11	-7.09	14.864335	-6.47E-02	42383900	42384023	NC_000001.10
cg16837338	3.19E-10	2.45E-11	-7.09	14.863087	-1.14E-01	122018770	122018893	NC_000012.11
cg04337651	3.19E-10	2.45E-11	-7.09	14.8622346	-9.25E-02	239344738	239344861	NC_000002.11
cg18325315	3.19E-10	2.45E-11	-7.09	14.8617966	-1.66E-01	73897230	73897353	NC_000007.13
cg00919126	3.20E-10	2.45E-11	-7.09	14.8611396	-1.63E-01	187761401	187761524	NC_000004.11
cg11790417	3.20E-10	2.45E-11	-7.09	14.8603875	-1.26E-01	67089009	67089132	NC_000005.9
cg01286319	3.20E-10	2.45E-11	-7.09	14.8600178	-1.23E-01	2695343	2695466	NC_000019.9
cg08585351	3.21E-10	2.46E-11	-7.09	14.8579937	-6.36E-02	22178326	22178449	NC_000013.10
cg03613942	3.21E-10	2.46E-11	-7.09	14.8575885	-1.52E-01	86416413	86416536	NC_000005.9
cg15353612	3.21E-10	2.46E-11	-7.09	14.856974	-8.64E-02	52904965	52905088	NC_000004.11
cg08570034	3.21E-10	2.46E-11	-7.08	14.8558682	-1.33E-01	175227702	175227825	NC_000005.9
cg02405193	3.21E-10	2.46E-11	-7.08	14.8554023	-1.72E-01	3639839	3639962	NC_000016.9
cg22115994	3.21E-10	2.47E-11	-7.08	14.8551383	-1.40E-01	44834701	44834824	NC_000021.8
cg04584872	3.21E-10	2.47E-11	-7.08	14.8551299	-1.35E-01	109126397	109126520	NC_000012.11

cg07803218	3.21E-10	2.47E-11	-7.08	14.8548067	-1.62E-01	49346624	49346747	NC_000020.10
cg08675364	3.22E-10	2.47E-11	-7.08	14.8542137	-1.78E-01	85362963	85363086	NC_000016.9
cg10965749	3.22E-10	2.47E-11	-7.08	14.8530881	-1.49E-01	54619895	54620018	NC_000001.10
cg16526047	3.22E-10	2.47E-11	-7.08	14.8529235	-1.15E-01	949893	950016	NC_000001.10
cg20289854	3.22E-10	2.47E-11	-7.08	14.8526182	-1.42E-01	247457841	247457964	NC_000001.10
cg03511638	3.22E-10	2.47E-11	-7.08	14.8525082	-5.51E-02	104180870	104180993	NC_000010.10
cg01888441	3.22E-10	2.47E-11	-7.08	14.8524423	-5.36E-02	102313988	102314111	NC_000002.11
cg08695724	3.22E-10	2.47E-11	-7.08	14.8523373	-3.91E-02	95527179	95527302	NC_000009.11
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cg05926640	3.23E-10	2.48E-11	-7.08	14.8497297	-1.62E-01	235091187	235091310	NC_000001.10
cg11483105	3.23E-10	2.48E-11	-7.08	14.8492227	-1.42E-01	90515572	90515695	NC_000005.9
cg03592345	3.23E-10	2.48E-11	-7.08	14.8489182	-1.25E-01	76645123	76645246	NC_000006.11
cg13172906	3.24E-10	2.48E-11	-7.08	14.8477309	-1.63E-01	143694295	143694418	NC_000008.10
cg00965133	3.24E-10	2.49E-11	-7.08	14.8466886	-1.40E-01	36157577	36157700	NC_000020.10
cg26811385	3.25E-10	2.49E-11	-7.08	14.8435515	-8.04E-02	150832003	150832126	NC_000004.11
cg04148163	3.25E-10	2.50E-11	-7.08	14.8433359	-1.39E-01	65442289	65442412	NC_000010.10
cg12062198	3.25E-10	2.50E-11	-7.08	14.8432282	-8.08E-02	22419460	22419583	NC_000008.10
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cg10885988	3.26E-10	2.50E-11	-7.08	14.8408032	-5.20E-02	68454903	68455026	NC_000009.11
cg01541846	3.26E-10	2.51E-11	-7.08	14.8386023	-1.34E-01	16272242	16272365	NC_000019.9

cg08096684	3.26E-10	2.51E-11	-7.08	14.838423	-1.65E-01	56708199	56708322	NC_000004.11
cg22761315	3.27E-10	2.51E-11	-7.08	14.8356916	-4.00E-02	40075054	40075177	NC_000015.9
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cg19385321	3.28E-10	2.52E-11	-7.08	14.8334032	-5.84E-02	132314041	132314164	NC_000012.11
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cg27370104	3.29E-10	2.53E-11	-7.08	14.8298192	-1.48E-01	42417938	42418061	NC_000006.11
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cg07141504	3.35E-10	2.58E-11	-7.08	14.8094928	-1.34E-01	194030706	194030829	NC_000003.11
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cg21706771	3.37E-10	2.59E-11	-7.08	14.8058553	-1.24E-01	41873091	41873214	NC_000008.10
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cg14058476	3.39E-10	2.61E-11	-7.07	14.798219	-8.71E-02	24835609	24835732	NC_000014.8
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cg11088227	3.42E-10	2.63E-11	-7.07	14.7901618	-8.20E-02	3063824	3063947	NC_000006.11
cg02111433	3.42E-10	2.64E-11	-7.07	14.7889783	-8.63E-02	53947953	53948076	NC_000016.9
cg08327038	3.43E-10	2.64E-11	-7.07	14.7870047	-1.28E-01	69200251	69200374	NC_000016.9

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cg15191021	3.46E-10	2.67E-11	-7.07	14.7772815	-1.43E-01	41321218	41321341	NC_000017.10
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cg06319919	3.47E-10	2.68E-11	-7.07	14.7743719	-1.46E-01	86774597	86774720	NC_000016.9
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cg00713278	3.47E-10	2.68E-11	-7.07	14.7726213	-8.44E-02	784961	785084	NC_000004.11
cg00394823	3.48E-10	2.68E-11	-7.07	14.7721722	-5.74E-02	20775166	20775289	NC_000016.9
cg25765315	3.48E-10	2.69E-11	-7.07	14.7698051	-1.63E-01	92472232	92472355	NC_000012.11
cg04136456	3.49E-10	2.69E-11	-7.07	14.7683189	-1.36E-01	11413470	11413593	NC_000001.10



cg17393572	3.49E-10	2.70E-11	-7.07	14.7676382	-1.20E-01	176326365	176326488	NC_000005.9
cg11218176	3.49E-10	2.70E-11	-7.07	14.7670691	-1.07E-01	16403434	16403557	NC_000001.10
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cg06987246	3.50E-10	2.70E-11	-7.07	14.7663101	-1.72E-01	6659785	6659908	NC_000007.13
cg05386230	3.50E-10	2.70E-11	-7.07	14.7646784	-8.55E-02	18268439	18268562	NC_000020.10
cg03903278	3.50E-10	2.70E-11	-7.07	14.764128	-1.41E-01	161577612	161577735	NC_000003.11
cg02606018	3.50E-10	2.71E-11	-7.07	14.7637725	-8.00E-02	10658281	10658404	NC_000012.11
cg22454769	3.51E-10	2.71E-11	-7.07	14.7620545	-1.29E-01	106015767	106015890	NC_000002.11
cg27022558	3.51E-10	2.71E-11	-7.07	14.7618565	-1.90E-01	64141041	64141164	NC_000011.9
cg20125501	3.51E-10	2.71E-11	-7.07	14.7615935	-1.31E-01	3176608	3176731	NC_000019.9
cg17864041	3.52E-10	2.72E-11	-7.07	14.7601605	-1.08E-01	31175309	31175432	NC_000015.9
cg00393050	3.52E-10	2.72E-11	-7.07	14.7598374	-8.45E-02	14435541	14435664	NC_000003.11
cg15617950	3.52E-10	2.72E-11	-7.07	14.7596218	-1.29E-01	50004158	50004281	NC_000019.9
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cg18119407	3.52E-10	2.72E-11	-7.07	14.757901	-1.31E-01	201980504	201980627	NC_000002.11
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cg27093949	3.53E-10	2.72E-11	-7.07	14.756924	-9.18E-02	107771400	107771523	NC_000007.13
cg02712878	3.53E-10	2.73E-11	-7.07	14.7559026	-9.57E-02	138327370	138327493	NC_000003.11
cg17827767	3.53E-10	2.73E-11	-7.07	14.7557123	-1.33E-01	86001154	86001277	NC_000010.10
cg04283838	3.53E-10	2.73E-11	-7.07	14.7555061	-7.77E-02	6878257	6878380	NC_000004.11
cg02460652	3.54E-10	2.73E-11	-7.07	14.754104	-6.33E-02	76431858	76431981	NC_000015.9
cg10196163	3.54E-10	2.74E-11	-7.07	14.7531261	-6.52E-02	105560628	105560751	NC_000014.8

cg07479988	3.55E-10	2.74E-11	-7.07	14.7508631	-5.34E-02	39103277	39103400	NC_000002.11
cg16259317	3.55E-10	2.75E-11	-7.07	14.748974	-2.23E-02	80733297	80733420	NC_000010.10
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cg02288859	3.56E-10	2.76E-11	-7.07	14.7457307	-1.21E-01	29470264	29470387	NC_000022.10
cg25417551	3.57E-10	2.76E-11	-7.07	14.7451817	-6.53E-02	35767582	35767705	NC_000017.10
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cg25117062	3.58E-10	2.77E-11	-7.06	14.7415177	-2.56E-02	10442836	10442959	NC_000002.11
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cg18298706	3.58E-10	2.77E-11	-7.06	14.7411113	-5.48E-02	57857370	57857493	NC_000014.8
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cg21885134	3.59E-10	2.77E-11	-7.06	14.7391668	-1.22E-01	1794994	1795117	NC_000005.9
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cg16339943	3.59E-10	2.78E-11	-7.06	14.7389397	-4.89E-02	43277938	43278061	NC_000010.10
cg07005654	3.59E-10	2.78E-11	-7.06	14.738441	-1.20E-01	108918439	108918562	NC_000004.11
cg08877374	3.59E-10	2.78E-11	-7.06	14.7381292	-1.82E-01	31845904	31846027	NC_000001.10
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cg07520163	3.59E-10	2.78E-11	-7.06	14.7374169	-1.09E-01	75232227	75232350	NC_000016.9
cg16657244	3.60E-10	2.78E-11	-7.06	14.7354622	-1.05E-01	103911592	103911715	NC_000010.10
cg02266452	3.60E-10	2.79E-11	-7.06	14.734216	-4.10E-02	82905235	82905358	NC_000011.9
cg23788418	3.60E-10	2.79E-11	-7.06	14.7341906	-1.70E-01	65904983	65905106	NC_000012.11
cg26246133	3.60E-10	2.79E-11	-7.06	14.7340115	-5.11E-02	93276703	93276826	NC_000011.9
cg20142535	3.60E-10	2.79E-11	-7.06	14.733771	-5.08E-02	203097628	203097751	NC_000001.10

cg22697864	3.60E-10	2.79E-11	-7.06	14.733761	-1.22E-01	46954754	46954877	NC_000001.10
cg13194260	3.61E-10	2.79E-11	-7.06	14.7335033	-9.55E-02	201659991	201660114	NC_000002.11
cg00341606	3.61E-10	2.79E-11	-7.06	14.7334682	-1.74E-02	17740405	17740528	NC_000017.10
cg14307223	3.61E-10	2.79E-11	-7.06	14.7328003	-8.76E-02	128221129	128221252	NC_000002.11
cg04750536	3.62E-10	2.80E-11	-7.06	14.7300681	-1.09E-01	19915857	19915980	NC_000020.10
cg13382288	3.62E-10	2.80E-11	-7.06	14.7299994	-1.10E-01	202614046	202614169	NC_000001.10
cg01471572	3.62E-10	2.80E-11	-7.06	14.7296114	-1.43E-01	93620189	93620312	NC_000008.10
cg00886669	3.62E-10	2.80E-11	-7.06	14.7295346	-1.88E-01	11529264	11529387	NC_000002.11
cg14029663	3.62E-10	2.81E-11	-7.06	14.7280946	-6.92E-02	50582909	50583032	NC_000014.8
ch.20.998519F	3.63E-10	2.81E-11	-7.06	14.7259739	-4.72E-02	45846381	45846504	NC_000020.10
cg21606527	3.63E-10	2.81E-11	-7.06	14.7259006	-1.60E-01	7597983	7598106	NC_000011.9
cg02977443	3.64E-10	2.82E-11	-7.06	14.7231884	-1.57E-01	184523815	184523938	NC_000003.11
cg20157753	3.64E-10	2.82E-11	-7.06	14.7223207	-1.81E-01	113594343	113594466	NC_000002.11
cg18633197	3.65E-10	2.83E-11	-7.06	14.7211892	-8.66E-02	135387962	135388085	NC_000010.10
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cg07173218	3.65E-10	2.83E-11	-7.06	14.7210791	-9.45E-02	9410333	9410456	NC_000001.10
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cg23408990	3.66E-10	2.84E-11	-7.06	14.7162557	-1.41E-01	222864086	222864209	NC_000002.11

cg05947699	3.67E-10	2.84E-11	-7.06	14.716045	-1.66E-01	173345670	173345793	NC_000005.9
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cg00904578	3.74E-10	2.90E-11	-7.06	14.6960717	-8.86E-02	63009964	63010087	NC_000017.10

cg14661886	3.74E-10	2.90E-11	-7.06	14.6953304	-1.53E-01	9994197	9994320	NC_000003.11
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cg15133098	3.75E-10	2.91E-11	-7.06	14.6909073	-1.66E-01	195648538	195648661	NC_000003.11
cg01289541	3.76E-10	2.92E-11	-7.06	14.689637	-1.77E-01	170282058	170282181	NC_000003.11
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cg23620279	3.81E-10	2.96E-11	-7.05	14.6756529	-1.02E-01	79793495	79793618	NC_000010.10

cg27445386	3.82E-10	2.97E-11	-7.05	14.6736161	-6.63E-02	42897250	42897373	NC_000006.11
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cg08193322	3.85E-10	2.99E-11	-7.05	14.6653146	-3.20E-02	74730586	74730709	NC_000002.11
cg10622019	3.85E-10	2.99E-11	-7.05	14.6641168	-1.11E-01	4221485	4221608	NC_000001.10
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cg15578332	3.87E-10	3.01E-11	-7.05	14.6590509	-1.20E-01	195870249	195870372	NC_000003.11
cg18832152	3.87E-10	3.01E-11	-7.05	14.6587265	-5.45E-02	155035183	155035306	NC_000001.10
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cg00392257	3.89E-10	3.03E-11	-7.05	14.6537686	-1.13E-01	156696747	156696870	NC_000001.10

cg09503974	3.89E-10	3.03E-11	-7.05	14.6533129	-9.06E-02	158449660	158449783	NC_000003.11
cg12830829	3.90E-10	3.03E-11	-7.05	14.651568	-5.52E-02	51707081	51707204	NC_000014.8
cg10731606	3.90E-10	3.03E-11	-7.05	14.651462	-5.29E-02	134671120	134671243	NC_000007.13
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cg04477202	3.90E-10	3.04E-11	-7.05	14.6495859	-4.77E-02	32289458	32289581	NC_000002.11
cg02331808	3.91E-10	3.04E-11	-7.05	14.6480739	-1.58E-01	29301402	29301525	NC_000015.9
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cg22507772	3.91E-10	3.05E-11	-7.05	14.6469311	-1.45E-01	6759831	6759954	NC_000006.11
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cg03564506	3.92E-10	3.06E-11	-7.05	14.6444971	-4.64E-02	98475901	98476024	NC_000007.13
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cg25317911	3.92E-10	3.06E-11	-7.05	14.6435484	-2.20E-02	9800438	9800561	NC_000012.11
cg14418802	3.93E-10	3.06E-11	-7.05	14.6431109	-2.36E-01	9299979	9300102	NC_000001.10
cg25895971	3.93E-10	3.06E-11	-7.05	14.64284	-4.00E-02	77904396	77904519	NC_000017.10
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cg19924352	3.94E-10	3.07E-11	-7.05	14.6399258	-1.42E-01	124195402	124195525	NC_000008.10
cg19614643	3.95E-10	3.07E-11	-7.05	14.6381308	-1.57E-01	19499118	19499241	NC_000002.11
cg20110591	3.95E-10	3.08E-11	-7.05	14.6377164	-6.87E-02	49521109	49521232	NC_000019.9
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cg25354348	3.96E-10	3.09E-11	-7.05	14.6346254	-1.27E-01	670562	670685	NC_000010.10
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cg06602478	3.97E-10	3.09E-11	-7.05	14.6317654	-1.55E-01	195159296	195159419	NC_000003.11

cg00510541	3.97E-10	3.10E-11	-7.05	14.6317094	-1.35E-01	44040208	44040331	NC_000006.11
cg08193579	3.97E-10	3.10E-11	-7.05	14.6316452	-1.56E-01	169529701	169529824	NC_000003.11
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cg20299263	3.98E-10	3.11E-11	-7.04	14.6278846	-2.49E-02	129705196	129705319	NC_000010.10
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cg02052762	3.99E-10	3.11E-11	-7.04	14.627297	-1.19E-01	4090525	4090648	NC_000017.10
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cg19074748	3.99E-10	3.11E-11	-7.04	14.6258281	-1.09E-01	76348764	76348887	NC_000011.9
cg03542721	3.99E-10	3.11E-11	-7.04	14.6255854	-6.02E-02	22926253	22926376	NC_000008.10
cg12058544	4.00E-10	3.12E-11	-7.04	14.623739	-1.33E-01	29598283	29598406	NC_000001.10
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cg26221631	4.01E-10	3.13E-11	-7.04	14.6213732	-3.35E-02	129245988	129246111	NC_000011.9
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cg27147306	4.01E-10	3.13E-11	-7.04	14.6195958	-4.00E-02	99837480	99837603	NC_000008.10
cg22389654	4.02E-10	3.14E-11	-7.04	14.6190397	-1.32E-01	120273819	120273942	NC_000001.10
cg12854371	4.02E-10	3.14E-11	-7.04	14.6176027	-5.86E-02	62776373	62776496	NC_000017.10
cg08799173	4.02E-10	3.14E-11	-7.04	14.6175109	-3.43E-02	41473208	41473331	NC_000006.11
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cg11917694	4.03E-10	3.14E-11	-7.04	14.6162947	-2.90E-02	90639684	90639807	NC_000010.10
cg04230891	4.04E-10	3.15E-11	-7.04	14.6131498	-1.53E-01	100582403	100582526	NC_000006.11
cg27175112	4.04E-10	3.16E-11	-7.04	14.6125623	-1.34E-01	11515031	11515154	NC_000002.11
cg19038506	4.04E-10	3.16E-11	-7.04	14.6122622	-3.09E-02	7069182	7069305	NC_000019.9
cg14779622	4.04E-10	3.16E-11	-7.04	14.6119256	-8.23E-02	76932315	76932438	NC_000017.10



cg23570810	4.05E-10	3.16E-11	-7.04	14.610677	-1.51E-01	315102	315225	NC_000011.9
cg13828610	4.05E-10	3.16E-11	-7.04	14.6102665	-1.64E-01	3825986	3826109	NC_000006.11
cg13857933	4.05E-10	3.16E-11	-7.04	14.61016	-1.35E-01	208046539	208046662	NC_000001.10
cg23517251	4.05E-10	3.16E-11	-7.04	14.6100663	-4.28E-02	44587077	44587200	NC_000011.9
cg27279809	4.05E-10	3.17E-11	-7.04	14.6096881	-5.43E-02	49183212	49183335	NC_000012.11
cg07506334	4.05E-10	3.17E-11	-7.04	14.6095836	-2.37E-02	3073707	3073830	NC_000016.9
cg02737458	4.05E-10	3.17E-11	-7.04	14.6095449	-1.32E-01	80178491	80178614	NC_000016.9
cg15061008	4.05E-10	3.17E-11	-7.04	14.6089806	-4.35E-02	24407907	24408030	NC_000022.10
cg14686297	4.06E-10	3.17E-11	-7.04	14.6081775	-1.31E-01	46650375	46650498	NC_000022.10
cg10638657	4.06E-10	3.17E-11	-7.04	14.6081348	-1.37E-01	26235609	26235732	NC_000006.11
cg00542975	4.06E-10	3.17E-11	-7.04	14.6079041	-1.05E-01	122392291	122392414	NC_000002.11
cg24501381	4.06E-10	3.17E-11	-7.04	14.6075627	-1.50E-01	43001072	43001195	NC_000001.10
cg12229555	4.07E-10	3.18E-11	-7.04	14.6060342	-1.70E-01	80260329	80260452	NC_000017.10
cg09350536	4.07E-10	3.18E-11	-7.04	14.6057974	-7.05E-02	23236725	23236848	NC_000014.8
cg22118147	4.07E-10	3.18E-11	-7.04	14.6056257	-7.84E-02	172144013	172144136	NC_000005.9
cg19463471	4.07E-10	3.18E-11	-7.04	14.6047684	-8.33E-02	10197190	10197313	NC_000019.9
cg08285151	4.07E-10	3.18E-11	-7.04	14.6047328	-2.18E-01	18534872	18534995	NC_000007.13
cg14338073	4.08E-10	3.18E-11	-7.04	14.6036032	-1.42E-01	44359161	44359284	NC_000010.10
cg18389931	4.09E-10	3.19E-11	-7.04	14.6005392	-1.36E-01	72978724	72978847	NC_000010.10
cg26944851	4.09E-10	3.20E-11	-7.04	14.5999299	-1.16E-01	23479645	23479768	NC_000010.10
cg00588853	4.09E-10	3.20E-11	-7.04	14.599898	-1.10E-01	29624485	29624608	NC_000016.9
cg18189994	4.09E-10	3.20E-11	-7.04	14.5990497	-1.17E-01	53096816	53096939	NC_000015.9
cg03898845	4.09E-10	3.20E-11	-7.04	14.5989112	-3.07E-02	117114009	117114132	NC_000001.10
cg26309311	4.10E-10	3.20E-11	-7.04	14.5980686	-1.11E-01	48896065	48896188	NC_000019.9
cg01314252	4.10E-10	3.20E-11	-7.04	14.5978404	-1.14E-01	9943828	9943951	NC_000003.11

cg15522570	4.10E-10	3.21E-11	-7.04	14.5973214	-6.05E-02	50065333	50065456	NC_000014.8
cg25756470	4.10E-10	3.21E-11	-7.04	14.5963215	-1.06E-01	37256947	37257070	NC_000022.10
cg11986760	4.10E-10	3.21E-11	-7.04	14.5961401	-1.80E-01	112420098	112420221	NC_000002.11
cg06436488	4.10E-10	3.21E-11	-7.04	14.596134	-1.60E-01	84560887	84561010	NC_000016.9
cg10025830	4.10E-10	3.21E-11	-7.04	14.5959665	-1.17E-01	4136722	4136845	NC_000012.11
cg04674143	4.11E-10	3.21E-11	-7.04	14.5947894	-5.52E-02	4831543	4831666	NC_000019.9
cg16786868	4.12E-10	3.22E-11	-7.04	14.593189	-2.57E-02	65242413	65242536	NC_000017.10
cg25820971	4.12E-10	3.22E-11	-7.04	14.5929154	-6.84E-02	21852127	21852250	NC_000014.8
cg05208178	4.12E-10	3.22E-11	-7.04	14.5928035	-1.47E-01	233928423	233928546	NC_000002.11
cg07391913	4.12E-10	3.22E-11	-7.04	14.5926656	-1.56E-01	56818298	56818421	NC_000003.11
cg05173159	4.12E-10	3.22E-11	-7.04	14.5926246	-1.31E-01	95491799	95491922	NC_000012.11
cg17536465	4.12E-10	3.22E-11	-7.04	14.5918971	-1.36E-01	126707043	126707166	NC_000005.9
cg26637901	4.12E-10	3.22E-11	-7.04	14.5916565	-5.89E-02	14518526	14518649	NC_000012.11
cg02303801	4.12E-10	3.22E-11	-7.04	14.591596	-1.24E-01	3399318	3399441	NC_000001.10
cg25579729	4.13E-10	3.23E-11	-7.04	14.5901043	-1.38E-01	15993627	15993750	NC_000005.9
cg23628478	4.13E-10	3.23E-11	-7.04	14.5900623	-1.32E-01	100784781	100784904	NC_000014.8
cg02662658	4.14E-10	3.24E-11	-7.04	14.5877759	-8.14E-02	34257571	34257694	NC_000017.10
cg23339629	4.14E-10	3.24E-11	-7.04	14.5861523	-7.28E-02	71168951	71169074	NC_000010.10
cg03706109	4.14E-10	3.24E-11	-7.04	14.5858135	-1.13E-01	43090472	43090595	NC_000017.10
cg12093976	4.15E-10	3.25E-11	-7.04	14.5836567	-1.08E-01	110833884	110834007	NC_000004.11
cg12431977	4.16E-10	3.25E-11	-7.04	14.5829111	-3.13E-02	24769227	24769350	NC_000014.8
cg11254726	4.16E-10	3.25E-11	-7.04	14.5828163	-8.85E-02	204460191	204460314	NC_000001.10
cg22208536	4.16E-10	3.26E-11	-7.04	14.5816071	-1.10E-01	186180006	186180129	NC_000004.11
cg24704476	4.17E-10	3.26E-11	-7.04	14.5797362	-7.55E-02	956799	956922	NC_000001.10
cg15826519	4.17E-10	3.27E-11	-7.04	14.5783809	-8.30E-02	19808575	19808698	NC_000001.10

cg13797468	4.18E-10	3.27E-11	-7.04	14.5767969	-1.85E-01	98848062	98848185	NC_000003.11
ch.6.139914509F	4.19E-10	3.28E-11	-7.04	14.5750004	-4.18E-02	139872816	139872939	NC_000006.11
cg12069475	4.21E-10	3.30E-11	-7.03	14.5690612	-1.13E-01	131246544	131246667	NC_000012.11
cg27258272	4.22E-10	3.30E-11	-7.03	14.568224	-9.21E-02	57424773	57424896	NC_000011.9
ch.20.905431R	4.22E-10	3.31E-11	-7.03	14.5664744	-2.63E-02	42339567	42339690	NC_000020.10
cg02265379	4.23E-10	3.31E-11	-7.03	14.5644263	-8.30E-02	87898506	87898629	NC_000005.9
cg19542987	4.24E-10	3.32E-11	-7.03	14.5629247	-1.18E-01	23216695	23216818	NC_000010.10
cg08643339	4.24E-10	3.32E-11	-7.03	14.5622945	-7.82E-02	173759487	173759610	NC_000004.11
cg13714271	4.24E-10	3.32E-11	-7.03	14.5622747	-5.06E-02	33076774	33076897	NC_000009.11
cg26070865	4.24E-10	3.32E-11	-7.03	14.5618777	-8.49E-02	959141	959264	NC_000005.9
cg05445221	4.24E-10	3.32E-11	-7.03	14.5615912	-9.38E-02	88512529	88512652	NC_000016.9
cg15139668	4.25E-10	3.33E-11	-7.03	14.5598987	-5.99E-02	4577005	4577128	NC_000004.11
cg22721827	4.25E-10	3.33E-11	-7.03	14.5594269	-1.58E-01	2520958	2521081	NC_000016.9
cg00402873	4.25E-10	3.33E-11	-7.03	14.5587922	-1.84E-01	1333032	1333155	NC_000004.11
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cg20519670	4.26E-10	3.34E-11	-7.03	14.5579378	-4.93E-02	65172006	65172129	NC_000014.8
cg09158336	4.26E-10	3.34E-11	-7.03	14.5578573	-5.06E-02	76338205	76338328	NC_000017.10
cg20811788	4.26E-10	3.34E-11	-7.03	14.5578457	-9.62E-02	50721368	50721491	NC_000022.10
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cg21211730	4.27E-10	3.34E-11	-7.03	14.5555227	-1.53E-01	45279770	45279893	NC_000019.9
cg25578967	4.27E-10	3.35E-11	-7.03	14.5550202	-1.25E-01	25018440	25018563	NC_000007.13
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cg24338780	4.28E-10	3.36E-11	-7.03	14.551997	-7.90E-02	174968123	174968246	NC_000001.10

cg24509919	4.28E-10	3.36E-11	-7.03	14.5515707	-1.71E-01	168230886	168231009	NC_000001.10
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cg11270070	4.29E-10	3.37E-11	-7.03	14.5488812	-1.89E-01	50383118	50383241	NC_000003.11
cg05850205	4.30E-10	3.37E-11	-7.03	14.5485245	-1.01E-01	67350187	67350310	NC_000008.10
cg09112371	4.31E-10	3.38E-11	-7.03	14.5454829	-4.28E-02	33240090	33240213	NC_000006.11
cg26750893	4.31E-10	3.38E-11	-7.03	14.5447819	-1.34E-01	38043481	38043604	NC_000002.11
cg11071070	4.32E-10	3.39E-11	-7.03	14.5437128	-4.50E-02	27632322	27632445	NC_000008.10
cg11061177	4.32E-10	3.39E-11	-7.03	14.5434784	-7.07E-02	119134785	119134908	NC_000010.10
cg06563943	4.32E-10	3.39E-11	-7.03	14.5427845	-6.32E-02	71188271	71188394	NC_000017.10
cg17376960	4.32E-10	3.39E-11	-7.03	14.5427035	-5.78E-02	7197987	7198110	NC_000017.10
cg20270775	4.32E-10	3.39E-11	-7.03	14.5426306	-6.88E-02	28282967	28283090	NC_000003.11
cg06933924	4.32E-10	3.39E-11	-7.03	14.5426259	-3.09E-02	121571068	121571191	NC_000012.11
cg09966895	4.32E-10	3.39E-11	-7.03	14.5424597	-2.15E-01	78738326	78738449	NC_000011.9
cg27255239	4.32E-10	3.39E-11	-7.03	14.5417003	-2.14E-01	102091656	102091779	NC_000002.11
cg16591502	4.32E-10	3.39E-11	-7.03	14.541663	-5.03E-02	76210838	76210961	NC_000013.10
cg21849812	4.32E-10	3.39E-11	-7.03	14.5414687	-1.44E-01	17848522	17848645	NC_000001.10
cg18235078	4.33E-10	3.39E-11	-7.03	14.5410623	-1.43E-01	110478280	110478403	NC_000012.11
cg16879574	4.33E-10	3.40E-11	-7.03	14.5406717	-6.05E-02	18123047	18123170	NC_000006.11
cg22469870	4.33E-10	3.40E-11	-7.03	14.5404406	-1.57E-01	56272964	56273087	NC_000020.10
ch.4.108890154R	4.33E-10	3.40E-11	-7.03	14.5404004	-3.18E-02	108670705	108670828	NC_000004.11
cg20240462	4.34E-10	3.40E-11	-7.03	14.5383254	-4.82E-02	83206604	83206727	NC_000004.11
cg09516448	4.34E-10	3.41E-11	-7.03	14.5363688	-7.76E-02	615735	615858	NC_000007.13
ch.6.3068315F	4.35E-10	3.42E-11	-7.03	14.5341625	-4.50E-02	157454527	157454650	NC_000006.11

cg16337430	4.36E-10	3.42E-11	-7.03	14.532392	-1.71E-01	124876433	124876556	NC_000012.11
cg01645401	4.36E-10	3.42E-11	-7.03	14.5323395	-1.39E-01	73649892	73650015	NC_000013.10
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cg11673687	4.37E-10	3.43E-11	-7.03	14.5301151	-1.28E-01	27426555	27426678	NC_000001.10
cg09328466	4.37E-10	3.43E-11	-7.03	14.5294132	-6.64E-02	64023458	64023581	NC_000007.13
cg00385620	4.38E-10	3.44E-11	-7.03	14.5281331	-7.66E-02	34759158	34759281	NC_000006.11
cg21308656	4.38E-10	3.44E-11	-7.03	14.5268918	-1.20E-01	151093019	151093142	NC_000007.13
cg07837534	4.39E-10	3.44E-11	-7.03	14.5266318	-1.44E-01	161038506	161038629	NC_000001.10
cg17740959	4.39E-10	3.45E-11	-7.03	14.5260726	-2.88E-02	46101256	46101379	NC_000017.10
cg22116041	4.39E-10	3.45E-11	-7.03	14.5256204	-1.59E-01	153564653	153564776	NC_000004.11
cg02310296	4.39E-10	3.45E-11	-7.03	14.5248481	-1.10E-01	44637358	44637481	NC_000020.10
cg02672229	4.40E-10	3.46E-11	-7.03	14.5227447	-1.40E-01	101594256	101594379	NC_000010.10
cg13591648	4.40E-10	3.46E-11	-7.03	14.522686	-1.05E-01	44821451	44821574	NC_000021.8
cg24413235	4.40E-10	3.46E-11	-7.03	14.5221705	-6.55E-02	27851648	27851771	NC_000002.11
cg07538206	4.40E-10	3.46E-11	-7.03	14.5219367	-1.05E-01	43374650	43374773	NC_000021.8
cg14193806	4.41E-10	3.46E-11	-7.03	14.5213893	-8.71E-02	10264673	10264796	NC_000012.11
cg18911861	4.41E-10	3.47E-11	-7.03	14.5201205	-5.76E-02	42858743	42858866	NC_000006.11
cg08371852	4.41E-10	3.47E-11	-7.03	14.5198824	-1.65E-01	80878744	80878867	NC_000015.9
cg12213414	4.42E-10	3.47E-11	-7.03	14.5190885	-1.40E-01	99867344	99867467	NC_000002.11
cg05482498	4.42E-10	3.47E-11	-7.02	14.5181788	-8.56E-02	28866178	28866301	NC_000006.11
cg14138287	4.42E-10	3.47E-11	-7.02	14.5180912	-1.21E-01	16534283	16534406	NC_000001.10
cg14166131	4.42E-10	3.48E-11	-7.02	14.5175622	-1.24E-01	139555134	139555257	NC_000009.11
cg25575688	4.43E-10	3.48E-11	-7.02	14.5160551	-5.52E-02	305917	306040	NC_000020.10
cg14361132	4.43E-10	3.48E-11	-7.02	14.5157608	-1.39E-01	210288244	210288367	NC_000002.11
cg08140412	4.44E-10	3.49E-11	-7.02	14.5136611	-1.11E-01	52014778	52014901	NC_000012.11

cg05584950	4.44E-10	3.49E-11	-7.02	14.5129407	-1.53E-01	86012847	86012970	NC_000002.11
cg00948524	4.44E-10	3.49E-11	-7.02	14.512635	-6.05E-02	29297757	29297880	NC_000017.10
cg09547756	4.45E-10	3.50E-11	-7.02	14.511603	-1.44E-01	3671903	3672026	NC_000019.9
cg01811583	4.45E-10	3.50E-11	-7.02	14.511074	-1.18E-01	100225060	100225183	NC_000014.8
cg06663644	4.46E-10	3.51E-11	-7.02	14.5088375	-7.91E-02	40971204	40971327	NC_000019.9
cg07099567	4.46E-10	3.51E-11	-7.02	14.5088373	-1.38E-01	81780369	81780492	NC_000014.8
cg13442606	4.47E-10	3.51E-11	-7.02	14.5073592	-1.14E-01	3071269	3071392	NC_000011.9
cg19734190	4.47E-10	3.51E-11	-7.02	14.507239	-1.84E-01	6993556	6993679	NC_000004.11
cg14603605	4.47E-10	3.52E-11	-7.02	14.5057638	-1.66E-01	12279778	12279901	NC_000011.9
cg27214687	4.48E-10	3.52E-11	-7.02	14.5049318	-1.34E-01	241383517	241383640	NC_000002.11
cg27269903	4.48E-10	3.52E-11	-7.02	14.504373	-6.12E-02	86351016	86351139	NC_000006.11
cg04299274	4.49E-10	3.53E-11	-7.02	14.5029929	-1.30E-01	25798741	25798864	NC_000017.10
cg20401945	4.49E-10	3.53E-11	-7.02	14.5025631	-1.14E-01	29912460	29912583	NC_000016.9
cg06961439	4.49E-10	3.53E-11	-7.02	14.502213	-9.28E-02	149570036	149570159	NC_000007.13
cg02010829	4.49E-10	3.53E-11	-7.02	14.5017193	-1.03E-01	16090604	16090727	NC_000016.9
cg08918845	4.50E-10	3.54E-11	-7.02	14.4989326	-1.34E-01	31595432	31595555	NC_000020.10
cg11788465	4.51E-10	3.54E-11	-7.02	14.4984014	-6.22E-02	134370313	134370436	NC_000005.9
cg07430153	4.52E-10	3.56E-11	-7.02	14.4954353	-2.27E-02	76424847	76424970	NC_000012.11
cg23057567	4.52E-10	3.56E-11	-7.02	14.4953475	-1.32E-01	47017629	47017752	NC_000019.9
cg26152038	4.52E-10	3.56E-11	-7.02	14.4948216	-1.32E-01	146543596	146543719	NC_000001.10
cg21769117	4.52E-10	3.56E-11	-7.02	14.4947406	-1.57E-01	31705273	31705396	NC_000006.11
cg21300072	4.53E-10	3.57E-11	-7.02	14.4920015	-5.55E-02	12850082	12850205	NC_000012.11
cg23888375	4.54E-10	3.57E-11	-7.02	14.4911892	-7.61E-02	203776317	203776440	NC_000002.11
cg05774672	4.54E-10	3.58E-11	-7.02	14.4896234	-8.00E-02	208631916	208632039	NC_000002.11
cg01662942	4.55E-10	3.58E-11	-7.02	14.4890308	-1.46E-01	241722113	241722236	NC_000002.11

cg22998610	4.55E-10	3.58E-11	-7.02	14.4889816	-4.02E-02	62538411	62538534	NC_000011.9
cg21893394	4.55E-10	3.58E-11	-7.02	14.4886678	-3.33E-02	10342123	10342246	NC_000019.9
cg17147440	4.55E-10	3.58E-11	-7.02	14.4876404	-1.58E-01	63337352	63337475	NC_000015.9
cg22262140	4.56E-10	3.59E-11	-7.02	14.4854083	-1.16E-01	21986976	21987099	NC_000022.10
ch.6.839713R	4.56E-10	3.59E-11	-7.02	14.4847101	-1.50E-02	34385746	34385869	NC_000006.11
cg14971544	4.57E-10	3.60E-11	-7.02	14.4840306	-5.39E-02	54955149	54955272	NC_000001.10
cg00238570	4.57E-10	3.60E-11	-7.02	14.482633	-1.51E-01	110871644	110871767	NC_000002.11
cg08635723	4.58E-10	3.61E-11	-7.02	14.4814263	-7.07E-02	16399244	16399367	NC_000006.11
cg17969271	4.58E-10	3.61E-11	-7.02	14.4811176	-9.62E-02	171430188	171430311	NC_000005.9
cg01917164	4.58E-10	3.61E-11	-7.02	14.4808997	-5.60E-02	105111002	105111125	NC_000010.10
cg08205396	4.58E-10	3.61E-11	-7.02	14.4805245	-1.51E-01	142217653	142217776	NC_000008.10
cg23959119	4.58E-10	3.61E-11	-7.02	14.4801945	-2.56E-02	42806179	42806302	NC_000019.9
cg25270498	4.58E-10	3.61E-11	-7.02	14.4800081	-8.01E-02	81037414	81037537	NC_000017.10
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cg08398554	4.60E-10	3.62E-11	-7.02	14.4764211	-2.20E-02	71736409	71736532	NC_000009.11
cg07569385	4.60E-10	3.63E-11	-7.02	14.4759954	-7.69E-02	20766226	20766349	NC_000013.10
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cg03684513	4.61E-10	3.63E-11	-7.02	14.4741576	-5.08E-02	24882451	24882574	NC_000001.10
cg05187833	4.61E-10	3.63E-11	-7.02	14.4740959	-4.47E-02	17706939	17707062	NC_000006.11
cg22081371	4.62E-10	3.65E-11	-7.02	14.4708427	-2.35E-01	177827903	177828026	NC_000001.10
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cg13662724	4.63E-10	3.65E-11	-7.02	14.4691622	-9.32E-02	164133838	164133961	NC_000004.11
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cg07572233	4.65E-10	3.66E-11	-7.02	14.4657857	-1.42E-01	234689565	234689688	NC_000001.10
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cg12286154	4.67E-10	3.69E-11	-7.01	14.4602571	-1.15E-01	32015215	32015338	NC_000006.11
cg13753183	4.67E-10	3.69E-11	-7.01	14.4600825	-7.78E-02	32989852	32989975	NC_000009.11
cg23223044	4.67E-10	3.69E-11	-7.01	14.4598719	-4.80E-02	49990882	49991005	NC_000019.9
cg15614917	4.67E-10	3.69E-11	-7.01	14.4593192	-7.69E-02	19384165	19384288	NC_000019.9
cg18648343	4.68E-10	3.70E-11	-7.01	14.457119	-4.95E-02	39644430	39644553	NC_000014.8
cg02671819	4.69E-10	3.70E-11	-7.01	14.4554467	-8.68E-02	62778370	62778493	NC_000017.10
cg16403326	4.70E-10	3.71E-11	-7.01	14.4538835	-1.18E-01	50359051	50359174	NC_000012.11
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cg08800670	4.70E-10	3.71E-11	-7.01	14.4527774	-1.07E-01	436684	436807	NC_000006.11
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cg22730864	4.72E-10	3.73E-11	-7.01	14.4495657	-1.25E-01	3161448	3161571	NC_000001.10



cg13604132	4.73E-10	3.74E-11	-7.01	14.4468614	-3.88E-02	75023629	75023752	NC_000004.11
cg24959938	4.73E-10	3.74E-11	-7.01	14.4467786	-1.33E-01	77866767	77866890	NC_000018.9
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cg04093633	4.74E-10	3.74E-11	-7.01	14.4456053	-1.61E-01	82469848	82469971	NC_000015.9
cg14939765	4.74E-10	3.74E-11	-7.01	14.4455271	-1.36E-01	70442137	70442260	NC_000017.10
ch.15.45894638R	4.74E-10	3.74E-11	-7.01	14.4449299	-4.41E-02	48107346	48107469	NC_000015.9
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cg04614440	4.74E-10	3.74E-11	-7.01	14.4446292	-2.60E-02	42642033	42642156	NC_000003.11
cg23932658	4.76E-10	3.76E-11	-7.01	14.4407345	-3.15E-02	57637574	57637697	NC_000012.11
cg00151728	4.76E-10	3.76E-11	-7.01	14.4407192	-1.32E-01	169478456	169478579	NC_000003.11
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cg02525756	4.76E-10	3.76E-11	-7.01	14.4397126	-6.72E-02	28919362	28919485	NC_000001.10
cg02558476	4.77E-10	3.77E-11	-7.01	14.4383859	-1.03E-01	2880326	2880449	NC_000016.9
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cg23732845	4.79E-10	3.78E-11	-7.01	14.4345948	-1.10E-01	26663426	26663549	NC_000001.10
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cg26762136	4.80E-10	3.79E-11	-7.01	14.4315913	-6.38E-02	37249669	37249792	NC_000022.10
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cg06663317	4.81E-10	3.80E-11	-7.01	14.4289818	-1.68E-01	56641101	56641224	NC_000016.9

cg25634742	4.82E-10	3.81E-11	-7.01	14.4264786	-1.33E-01	146864328	146864451	NC_000006.11
cg01768686	4.82E-10	3.82E-11	-7.01	14.4260384	-1.34E-01	4337111	4337234	NC_000017.10
cg09303236	4.83E-10	3.82E-11	-7.01	14.4252728	-1.40E-01	38657915	38658038	NC_000017.10
cg11928064	4.83E-10	3.82E-11	-7.01	14.4247468	-1.79E-01	124537810	124537933	NC_000003.11
cg11742383	4.84E-10	3.83E-11	-7.01	14.4232084	-9.44E-02	89228552	89228675	NC_000011.9
cg05826677	4.85E-10	3.84E-11	-7.01	14.4210104	-5.91E-02	48031468	48031591	NC_000007.13
cg05826458	4.85E-10	3.84E-11	-7.01	14.4205847	-4.03E-02	111875031	111875154	NC_000002.11
cg19639873	4.85E-10	3.84E-11	-7.01	14.4200845	-6.43E-02	49716966	49717089	NC_000012.11
cg07878955	4.85E-10	3.84E-11	-7.01	14.4200286	-4.92E-02	104068488	104068611	NC_000001.10
cg21767207	4.85E-10	3.84E-11	-7.01	14.4199405	-5.57E-02	36236454	36236577	NC_000019.9
cg21560076	4.86E-10	3.84E-11	-7.01	14.4193475	-1.68E-01	108422996	108423119	NC_000011.9
cg14555350	4.86E-10	3.84E-11	-7.01	14.4192293	-1.42E-01	142580618	142580741	NC_000005.9
cg22293458	4.86E-10	3.85E-11	-7.01	14.4180542	-1.91E-01	184483865	184483988	NC_000003.11
cg00260647	4.86E-10	3.85E-11	-7.01	14.4180064	-7.24E-02	30524003	30524126	NC_000006.11
cg09648239	4.86E-10	3.85E-11	-7.01	14.4173242	-1.37E-01	117243548	117243671	NC_000003.11
cg01711344	4.87E-10	3.85E-11	-7.01	14.4166026	-1.46E-01	67770404	67770527	NC_000011.9
cg08849542	4.87E-10	3.86E-11	-7.01	14.4154013	-7.27E-02	40175572	40175695	NC_000003.11
cg21048812	4.88E-10	3.86E-11	-7.01	14.4136007	-1.21E-01	35992883	35993006	NC_000019.9
cg03653026	4.88E-10	3.87E-11	-7.01	14.413372	-1.72E-01	135115118	135115241	NC_000009.11
cg06852652	4.88E-10	3.87E-11	-7.01	14.4130301	-1.28E-01	96442031	96442154	NC_000010.10
cg26275848	4.89E-10	3.87E-11	-7.01	14.4121678	-1.15E-01	49355334	49355457	NC_000012.11
cg02780210	4.89E-10	3.87E-11	-7.01	14.4119739	-1.48E-01	37732690	37732813	NC_000017.10
cg24025995	4.90E-10	3.88E-11	-7.01	14.4093888	-4.86E-02	13875323	13875446	NC_000019.9
cg18764358	4.90E-10	3.88E-11	-7.01	14.4085828	-1.54E-01	85138606	85138729	NC_000007.13
cg04961911	4.90E-10	3.88E-11	-7.01	14.4084386	-7.21E-02	35079141	35079264	NC_000009.11

cg22225802	4.91E-10	3.89E-11	-7.01	14.4079102	-5.93E-02	48672629	48672752	NC_000003.11
cg26895804	4.91E-10	3.89E-11	-7.01	14.4078577	-1.67E-01	145917243	145917366	NC_000008.10
cg15190149	4.91E-10	3.89E-11	-7.01	14.4077478	-1.08E-01	1257347	1257470	NC_000019.9
cg27123273	4.91E-10	3.89E-11	-7.01	14.4070494	-1.27E-01	72405329	72405452	NC_000016.9
cg22851080	4.92E-10	3.89E-11	-7	14.4059064	-9.71E-02	32044404	32044527	NC_000006.11
cg06209740	4.93E-10	3.90E-11	-7	14.4033442	-4.54E-02	35435693	35435816	NC_000006.11
cg13491480	4.93E-10	3.91E-11	-7	14.4029099	-9.85E-02	130880369	130880492	NC_000009.11
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cg11896923	4.93E-10	3.91E-11	-7	14.4021767	-7.47E-02	37825027	37825150	NC_000017.10
cg09839204	4.94E-10	3.91E-11	-7	14.4015551	-1.12E-01	47049879	47050002	NC_000010.10
cg21235678	4.94E-10	3.91E-11	-7	14.4009583	-1.53E-01	1130967	1131090	NC_000007.13
cg16138458	4.94E-10	3.91E-11	-7	14.4008758	-1.20E-01	27841120	27841243	NC_000006.11
cg13005635	4.94E-10	3.92E-11	-7	14.4002479	-1.36E-01	11093283	11093406	NC_000012.11
cg04141129	4.94E-10	3.92E-11	-7	14.3998668	-1.14E-01	32530696	32530819	NC_000012.11
cg23581541	4.96E-10	3.93E-11	-7	14.3964628	-9.05E-02	2731176	2731299	NC_000020.10
cg05784862	4.97E-10	3.94E-11	-7	14.3937097	-1.56E-01	25799018	25799141	NC_000017.10
cg23449544	4.97E-10	3.94E-11	-7	14.3934499	-1.29E-01	126937396	126937519	NC_000003.11
cg09180629	4.98E-10	3.95E-11	-7	14.3930526	-4.46E-02	49395208	49395331	NC_000003.11
cg08535184	4.98E-10	3.95E-11	-7	14.3915538	-1.06E-01	27152066	27152189	NC_000001.10
cg24107163	4.99E-10	3.96E-11	-7	14.3900589	-1.89E-01	207095332	207095455	NC_000001.10
cg24156261	4.99E-10	3.96E-11	-7	14.3895785	-1.57E-01	99721850	99721973	NC_000003.11
cg19629208	5.00E-10	3.97E-11	-7	14.3880321	-1.01E-01	176810904	176811027	NC_000005.9
cg09385936	5.01E-10	3.98E-11	-7	14.3857312	-1.26E-01	100791876	100791999	NC_000014.8
cg21926875	5.02E-10	3.98E-11	-7	14.3838909	-2.66E-02	47596410	47596533	NC_000002.11
cg14426312	5.02E-10	3.98E-11	-7	14.383747	-3.31E-02	71395063	71395186	NC_000009.11

cg01145353	5.02E-10	3.99E-11	-7	14.383293	-7.52E-02	124274203	124274326	NC_000010.10
cg00400532	5.03E-10	3.99E-11	-7	14.3820411	-1.48E-01	53093509	53093632	NC_000015.9
ch.2.88242814R	5.04E-10	4.00E-11	-7	14.3799552	-4.19E-02	88461699	88461822	NC_000002.11
cg10149296	5.04E-10	4.00E-11	-7	14.3792336	-1.81E-01	20795912	20796035	NC_000002.11
cg21236500	5.05E-10	4.01E-11	-7	14.3774378	-1.65E-01	139779897	139780020	NC_000009.11
cg07181902	5.05E-10	4.01E-11	-7	14.3771573	-3.05E-02	85829892	85830015	NC_000002.11
cg18413237	5.06E-10	4.02E-11	-7	14.3749662	-1.44E-01	41742795	41742918	NC_000007.13
cg07713293	5.07E-10	4.02E-11	-7	14.3743535	-7.62E-02	2903893	2904016	NC_000006.11
cg01909921	5.07E-10	4.02E-11	-7	14.3742874	-1.02E-01	135854246	135854369	NC_000009.11
cg25507121	5.07E-10	4.02E-11	-7	14.3740856	-1.27E-01	62051767	62051890	NC_000017.10
cg14355939	5.07E-10	4.03E-11	-7	14.373453	-1.39E-01	136401278	136401401	NC_000009.11
cg27034294	5.07E-10	4.03E-11	-7	14.3729975	-1.20E-01	29448872	29448995	NC_000010.10
ch.2.20642108R	5.07E-10	4.03E-11	-7	14.3728855	-1.11E-01	20778627	20778750	NC_000002.11
cg27517424	5.09E-10	4.04E-11	-7	14.3704324	-1.06E-01	6751457	6751580	NC_000004.11
cg03656863	5.09E-10	4.04E-11	-7	14.3702366	-1.44E-01	67467992	67468115	NC_000008.10
cg25943661	5.09E-10	4.04E-11	-7	14.3696541	-1.07E-01	122662714	122662837	NC_000011.9
cg03051116	5.10E-10	4.05E-11	-7	14.3684322	-1.25E-01	30720703	30720826	NC_000010.10
cg02615599	5.10E-10	4.05E-11	-7	14.3669476	-4.15E-02	150725389	150725512	NC_000007.13
cg21124714	5.11E-10	4.06E-11	-7	14.366034	-1.37E-01	72983097	72983220	NC_000011.9
cg07696842	5.11E-10	4.06E-11	-7	14.3658287	-2.09E-01	105089508	105089631	NC_000012.11
cg12796229	5.11E-10	4.06E-11	-7	14.3655792	-2.94E-02	12408045	12408168	NC_000018.9
cg09360715	5.14E-10	4.08E-11	-7	14.3594091	-6.23E-02	13389395	13389518	NC_000010.10
cg13491490	5.15E-10	4.09E-11	-7	14.3586211	-1.50E-01	55646231	55646354	NC_000003.11
cg20916427	5.15E-10	4.09E-11	-7	14.3579013	-1.65E-01	44627440	44627563	NC_000018.9
cg13990486	5.15E-10	4.09E-11	-7	14.3576128	-3.24E-02	130795028	130795151	NC_000007.13

cg07048210	5.15E-10	4.09E-11	-7	14.3571236	-1.11E-01	2139235	2139358	NC_000001.10
cg11582223	5.16E-10	4.10E-11	-7	14.3552772	-9.65E-02	308126	308249	NC_000011.9
cg10994126	5.16E-10	4.10E-11	-7	14.3550715	-1.28E-01	176432498	176432621	NC_000001.10
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cg20664109	5.18E-10	4.11E-11	-7	14.3519076	-6.67E-02	37267996	37268119	NC_000011.9
cg07981599	5.18E-10	4.12E-11	-7	14.3508971	-1.82E-02	68119049	68119172	NC_000016.9
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cg03397894	5.24E-10	4.17E-11	-6.99	14.339293	-6.56E-02	56708250	56708373	NC_000006.11
cg02253440	5.26E-10	4.18E-11	-6.99	14.3368441	-3.64E-02	97911390	97911513	NC_000007.13
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cg23599026	5.27E-10	4.19E-11	-6.99	14.3334368	-9.44E-02	102268546	102268669	NC_000010.10
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cg14389924	5.29E-10	4.20E-11	-6.99	14.3308908	-7.40E-02	4606729	4606852	NC_000017.10
cg09899215	5.29E-10	4.21E-11	-6.99	14.3293326	-1.24E-01	75150799	75150922	NC_000016.9

cg17968946	5.30E-10	4.22E-11	-6.99	14.3276919	-1.17E-01	138539198	138539321	NC_000007.13
cg13859212	5.30E-10	4.22E-11	-6.99	14.327451	-6.43E-02	99580143	99580266	NC_000004.11
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cg26557617	5.34E-10	4.25E-11	-6.99	14.3201426	-1.66E-01	53654271	53654394	NC_000017.10
cg25096582	5.34E-10	4.25E-11	-6.99	14.3199727	-6.00E-02	35183928	35184051	NC_000014.8
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cg24566261	5.39E-10	4.29E-11	-6.99	14.311008	-8.56E-02	30854164	30854287	NC_000006.11

cg18657788	5.39E-10	4.29E-11	-6.99	14.3106284	-7.54E-02	47163923	47164046	NC_000006.11
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cg21204530	5.43E-10	4.32E-11	-6.99	14.3032481	-1.64E-01	172306136	172306259	NC_000005.9
cg23283614	5.43E-10	4.32E-11	-6.99	14.3029858	-1.10E-01	60632532	60632655	NC_000014.8
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cg03976366	5.45E-10	4.34E-11	-6.99	14.2992637	-1.50E-01	71057572	71057695	NC_000002.11
cg19531536	5.45E-10	4.34E-11	-6.99	14.2989232	-1.40E-01	76873334	76873457	NC_000014.8
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ch.10.1020819F	5.47E-10	4.36E-11	-6.99	14.2953166	-5.99E-02	44585416	44585539	NC_000010.10
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cg17543112	5.51E-10	4.39E-11	-6.98	14.2879455	-1.13E-01	131594335	131594458	NC_000005.9
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cg01889956	5.51E-10	4.40E-11	-6.98	14.2871762	-1.14E-01	100650602	100650725	NC_000006.11

cg22347678	5.52E-10	4.40E-11	-6.98	14.2862414	-1.20E-01	13048001	13048124	NC_000012.11
cg12381074	5.52E-10	4.40E-11	-6.98	14.2862247	-1.94E-01	959759	959882	NC_000007.13
cg20341504	5.52E-10	4.40E-11	-6.98	14.2861557	-8.06E-02	54900998	54901121	NC_000002.11
cg26038708	5.52E-10	4.40E-11	-6.98	14.2852751	-5.45E-02	30160787	30160910	NC_000020.10
cg21643265	5.52E-10	4.40E-11	-6.98	14.2850134	-1.38E-01	120963957	120964080	NC_000012.11
cg01555791	5.52E-10	4.41E-11	-6.98	14.2843292	-2.79E-02	1012288	1012411	NC_000017.10
cg14832908	5.52E-10	4.41E-11	-6.98	14.2842131	-7.29E-02	6479424	6479547	NC_000001.10
cg13042250	5.54E-10	4.42E-11	-6.98	14.2813351	-1.58E-01	1607868	1607991	NC_000007.13
cg10705503	5.55E-10	4.43E-11	-6.98	14.2804247	-2.78E-02	102513685	102513808	NC_000012.11
cg20459655	5.55E-10	4.43E-11	-6.98	14.2788561	-6.68E-02	135675569	135675692	NC_000002.11
cg15659911	5.56E-10	4.43E-11	-6.98	14.2783739	-7.87E-02	13431373	13431496	NC_000012.11
cg10788371	5.57E-10	4.44E-11	-6.98	14.2761927	-1.21E-01	76381040	76381163	NC_000011.9
cg21433768	5.57E-10	4.45E-11	-6.98	14.2759292	-4.55E-02	7695187	7695310	NC_000011.9
cg00839844	5.57E-10	4.45E-11	-6.98	14.2758374	-8.86E-02	46474644	46474767	NC_000018.9
cg02695969	5.57E-10	4.45E-11	-6.98	14.275011	-1.77E-01	932813	932936	NC_000019.9
cg09741917	5.58E-10	4.45E-11	-6.98	14.2746905	-1.34E-01	98702260	98702383	NC_000002.11
cg15299721	5.58E-10	4.46E-11	-6.98	14.2736015	-3.50E-02	103997510	103997633	NC_000004.11
cg15754548	5.59E-10	4.46E-11	-6.98	14.2729034	-2.08E-01	8192281	8192404	NC_000017.10
ch.1.3188690F	5.60E-10	4.47E-11	-6.98	14.2709799	-5.14E-02	162763344	162763467	NC_000001.10
cg15701317	5.60E-10	4.47E-11	-6.98	14.2704055	-6.76E-02	73868919	73869042	NC_000002.11
cg04219446	5.60E-10	4.48E-11	-6.98	14.2692336	-6.33E-02	73629082	73629205	NC_000017.10
cg05583848	5.61E-10	4.48E-11	-6.98	14.2690648	-9.20E-02	35265411	35265534	NC_000006.11
cg23015138	5.61E-10	4.48E-11	-6.98	14.267718	-1.63E-01	2756341	2756464	NC_000017.10
cg22451412	5.62E-10	4.49E-11	-6.98	14.2667201	-1.61E-01	42227210	42227333	NC_000015.9
cg02061820	5.62E-10	4.49E-11	-6.98	14.2657929	-1.49E-01	152046751	152046874	NC_000003.11



cg19073171	5.63E-10	4.50E-11	-6.98	14.2645691	-9.47E-02	154793806	154793929	NC_000007.13
cg17699214	5.64E-10	4.50E-11	-6.98	14.2632597	-1.03E-01	40890013	40890136	NC_000004.11
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cg08627397	5.65E-10	4.51E-11	-6.98	14.2612415	-1.17E-01	89984028	89984151	NC_000016.9
cg22975723	5.65E-10	4.52E-11	-6.98	14.2602672	-3.81E-02	93258103	93258226	NC_000015.9
cg21432842	5.66E-10	4.52E-11	-6.98	14.2586438	-8.28E-02	38171697	38171820	NC_000017.10
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cg21920221	5.68E-10	4.54E-11	-6.98	14.255647	-1.55E-01	171612889	171613012	NC_000005.9
cg21679468	5.69E-10	4.54E-11	-6.98	14.2543486	-8.15E-02	127785332	127785455	NC_000006.11
cg20855296	5.69E-10	4.54E-11	-6.98	14.2543352	-7.99E-02	16255560	16255683	NC_000017.10
cg09081913	5.69E-10	4.54E-11	-6.98	14.2542676	-3.19E-02	180199374	180199497	NC_000001.10
cg14535518	5.69E-10	4.55E-11	-6.98	14.2541291	-8.40E-02	35782015	35782138	NC_000019.9
cg23798332	5.70E-10	4.56E-11	-6.98	14.2512143	-3.06E-02	74932007	74932130	NC_000012.11
cg10342899	5.70E-10	4.56E-11	-6.98	14.2512034	-3.85E-02	102822249	102822372	NC_000010.10
cg17779336	5.72E-10	4.57E-11	-6.98	14.2483156	-4.64E-02	24299434	24299557	NC_000002.11
cg10075976	5.72E-10	4.57E-11	-6.98	14.2478198	-1.59E-01	99303715	99303838	NC_000012.11
cg14161399	5.73E-10	4.58E-11	-6.98	14.2456593	-1.48E-01	1102446	1102569	NC_000001.10
cg09896503	5.74E-10	4.59E-11	-6.98	14.2451878	-4.25E-02	99102090	99102213	NC_000007.13
cg13587915	5.74E-10	4.59E-11	-6.98	14.2448102	-1.77E-01	116307486	116307609	NC_000010.10
cg04159878	5.75E-10	4.60E-11	-6.98	14.2430286	-1.05E-01	110179127	110179250	NC_000001.10
cg02352107	5.75E-10	4.60E-11	-6.98	14.2424066	-4.87E-02	76603736	76603859	NC_000015.9
cg06571687	5.75E-10	4.60E-11	-6.98	14.2421429	-1.10E-01	152259	152382	NC_000017.10
cg10418289	5.75E-10	4.60E-11	-6.98	14.2419582	-1.30E-01	23308294	23308417	NC_000014.8
cg02124446	5.76E-10	4.61E-11	-6.98	14.2411554	-7.82E-02	85783537	85783660	NC_000016.9
cg10340033	5.76E-10	4.61E-11	-6.98	14.2398278	-4.49E-02	220071009	220071132	NC_000002.11

cg13251484	5.77E-10	4.62E-11	-6.98	14.2388567	-1.34E-01	74180217	74180340	NC_000014.8
cg04837922	5.77E-10	4.62E-11	-6.98	14.2387069	-4.21E-02	139126907	139127030	NC_000005.9
cg26351764	5.77E-10	4.62E-11	-6.98	14.2386397	-1.57E-02	37554909	37555032	NC_000020.10
cg16136262	5.78E-10	4.62E-11	-6.97	14.2374075	-1.20E-01	169429604	169429727	NC_000001.10
cg18617808	5.78E-10	4.63E-11	-6.97	14.2364928	-1.41E-01	5717675	5717798	NC_000007.13
cg02900757	5.79E-10	4.63E-11	-6.97	14.2354287	-6.79E-02	126782576	126782699	NC_000010.10
ch.1.3533603R	5.79E-10	4.63E-11	-6.97	14.2353196	-5.89E-02	180957186	180957309	NC_000001.10
cg25677376	5.79E-10	4.63E-11	-6.97	14.2350978	-8.06E-02	90016258	90016381	NC_000010.10
cg00899659	5.80E-10	4.64E-11	-6.97	14.2334549	-1.90E-01	45495971	45496094	NC_000010.10
cg21453831	5.80E-10	4.65E-11	-6.97	14.232376	-9.99E-02	228645045	228645168	NC_000001.10
cg14977018	5.81E-10	4.65E-11	-6.97	14.2321453	-1.66E-01	194314457	194314580	NC_000003.11
cg27457925	5.81E-10	4.65E-11	-6.97	14.2319992	-6.31E-02	121009855	121009978	NC_000002.11
cg09692449	5.81E-10	4.65E-11	-6.97	14.2318072	-1.36E-01	39680217	39680340	NC_000017.10
cg00508334	5.81E-10	4.65E-11	-6.97	14.2311798	-7.60E-02	23510438	23510561	NC_000007.13
cg13279927	5.81E-10	4.65E-11	-6.97	14.2309708	-8.54E-02	60939416	60939539	NC_000020.10
cg12118246	5.82E-10	4.66E-11	-6.97	14.2302661	-1.64E-01	72462441	72462564	NC_000017.10
cg23337086	5.82E-10	4.66E-11	-6.97	14.2301595	-3.46E-02	61325237	61325360	NC_000008.10
cg04721790	5.84E-10	4.68E-11	-6.97	14.2252149	-5.09E-02	5390088	5390211	NC_000017.10
cg18153322	5.85E-10	4.69E-11	-6.97	14.2235273	-4.69E-02	43534145	43534268	NC_000001.10
cg11741753	5.86E-10	4.70E-11	-6.97	14.2219836	-1.12E-01	15541217	15541340	NC_000001.10
cg02086952	5.87E-10	4.70E-11	-6.97	14.2214407	-6.87E-02	54911499	54911622	NC_000017.10
cg10570662	5.87E-10	4.70E-11	-6.97	14.2211226	-3.66E-02	19159548	19159671	NC_000022.10
cg10752508	5.88E-10	4.71E-11	-6.97	14.2193065	-1.56E-01	98313516	98313639	NC_000003.11
cg25343661	5.88E-10	4.71E-11	-6.97	14.2190247	-1.17E-01	43743181	43743304	NC_000006.11
cg15320059	5.88E-10	4.71E-11	-6.97	14.2189482	-1.41E-01	66625164	66625287	NC_000011.9

cg13576178	5.88E-10	4.71E-11	-6.97	14.2189258	-4.67E-02	58962846	58962969	NC_000019.9
cg18459152	5.88E-10	4.71E-11	-6.97	14.218734	-7.73E-02	75986921	75987044	NC_000005.9
cg08240847	5.89E-10	4.72E-11	-6.97	14.2176864	-1.31E-01	134354024	134354147	NC_000008.10
cg27657131	5.89E-10	4.72E-11	-6.97	14.2175169	-5.10E-02	61847587	61847710	NC_000020.10
cg22868961	5.89E-10	4.72E-11	-6.97	14.2167677	-1.55E-01	135596044	135596167	NC_000006.11
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cg20039443	5.91E-10	4.74E-11	-6.97	14.2135744	-1.41E-01	50108912	50109035	NC_000020.10
cg14380517	5.92E-10	4.75E-11	-6.97	14.2116188	-7.02E-02	18985761	18985884	NC_000021.8
cg17523027	5.92E-10	4.75E-11	-6.97	14.2111031	-2.11E-02	37447622	37447745	NC_000022.10
cg21780859	5.93E-10	4.75E-11	-6.97	14.2102029	-4.37E-02	30002907	30003030	NC_000013.10
cg05139728	5.93E-10	4.75E-11	-6.97	14.2100319	-1.19E-01	28306816	28306939	NC_000016.9
cg26260038	5.94E-10	4.76E-11	-6.97	14.2085045	-1.21E-01	16085716	16085839	NC_000004.11
cg25821168	5.94E-10	4.76E-11	-6.97	14.2083132	-9.24E-02	32281703	32281826	NC_000001.10
cg25843346	5.94E-10	4.77E-11	-6.97	14.207447	-6.30E-02	31762555	31762678	NC_000006.11
cg27573806	5.94E-10	4.77E-11	-6.97	14.2073415	-5.04E-02	31774911	31775034	NC_000006.11
cg26611070	5.94E-10	4.77E-11	-6.97	14.2072685	-1.49E-01	75482238	75482361	NC_000004.11
cg10154973	5.95E-10	4.77E-11	-6.97	14.2067187	-1.35E-01	114367529	114367652	NC_000004.11
cg26886066	5.95E-10	4.78E-11	-6.97	14.2055018	-1.73E-01	113677034	113677157	NC_000013.10
cg14900579	5.96E-10	4.78E-11	-6.97	14.2037181	-3.94E-02	7294137	7294260	NC_000019.9
cg25702480	5.97E-10	4.79E-11	-6.97	14.2032967	-7.75E-02	28731535	28731658	NC_000012.11
cg03262802	5.97E-10	4.79E-11	-6.97	14.2031878	-1.41E-01	234118754	234118877	NC_000002.11
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cg00119241	5.97E-10	4.79E-11	-6.97	14.2018241	-9.82E-02	15152595	15152718	NC_000001.10
cg03530756	5.98E-10	4.79E-11	-6.97	14.2017101	-5.15E-02	3285262	3285385	NC_000016.9
cg01337514	5.98E-10	4.80E-11	-6.97	14.2015675	-1.26E-01	6511026	6511149	NC_000001.10

cg03184011	5.98E-10	4.80E-11	-6.97	14.2010957	-7.22E-02	39945503	39945626	NC_000020.10
cg25786388	5.98E-10	4.80E-11	-6.97	14.2005253	-1.37E-01	100578831	100578954	NC_000013.10
cg24720038	5.98E-10	4.80E-11	-6.97	14.2004829	-9.33E-02	128291538	128291661	NC_000003.11
cg25231972	5.98E-10	4.80E-11	-6.97	14.1999636	-5.40E-02	31608136	31608259	NC_000010.10
cg09226792	5.99E-10	4.81E-11	-6.97	14.1989787	-1.11E-01	113499526	113499649	NC_000001.10
cg14911204	6.00E-10	4.82E-11	-6.97	14.1970095	-9.76E-02	41808989	41809112	NC_000022.10
cg04997606	6.01E-10	4.82E-11	-6.97	14.1958364	-3.57E-02	170065837	170065960	NC_000005.9
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cg18770442	6.01E-10	4.83E-11	-6.97	14.19503	-4.15E-02	116692922	116693045	NC_000006.11
cg15833353	6.01E-10	4.83E-11	-6.97	14.1949336	-1.24E-01	33807278	33807401	NC_000005.9
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cg21591938	6.04E-10	4.85E-11	-6.97	14.1907527	-1.60E-01	29195033	29195156	NC_000012.11
cg05868813	6.05E-10	4.86E-11	-6.97	14.1886867	-1.44E-01	26594483	26594606	NC_000013.10
cg14079545	6.06E-10	4.87E-11	-6.97	14.1870133	-1.06E-01	33418310	33418433	NC_000006.11
cg17992670	6.06E-10	4.87E-11	-6.97	14.1868004	-1.20E-01	11216306	11216429	NC_000019.9
cg09754272	6.07E-10	4.88E-11	-6.97	14.1853259	-7.78E-02	156399638	156399761	NC_000001.10
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cg20184464	6.12E-10	4.92E-11	-6.96	14.1766114	-1.54E-01	187739371	187739494	NC_000003.11
cg10143751	6.12E-10	4.92E-11	-6.96	14.1764552	-1.49E-01	135230548	135230671	NC_000006.11
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cg11992241	6.13E-10	4.93E-11	-6.96	14.1745327	-1.24E-01	7036993	7037116	NC_000017.10
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cg07018389	6.14E-10	4.94E-11	-6.96	14.1730435	-1.45E-01	172195678	172195801	NC_000005.9
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cg27513339	6.19E-10	4.98E-11	-6.96	14.1639444	-1.04E-01	9904903	9905026	NC_000003.11
cg22021322	6.20E-10	4.98E-11	-6.96	14.1635718	-3.19E-02	33359576	33359699	NC_000001.10
cg03503785	6.20E-10	4.99E-11	-6.96	14.1628988	-1.18E-01	23962572	23962695	NC_000016.9
cg05504025	6.20E-10	4.99E-11	-6.96	14.1621334	-1.33E-01	66799218	66799341	NC_000011.9
ch.l.159013533R	6.21E-10	4.99E-11	-6.96	14.1615069	-2.48E-02	160746909	160747032	NC_000001.10
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cg25992382	6.28E-10	5.06E-11	-6.96	14.1495964	-1.36E-01	93066811	93066934	NC_000014.8
cg26185061	6.28E-10	5.06E-11	-6.96	14.1492959	-1.14E-01	81744786	81744909	NC_000010.10
cg26223797	6.31E-10	5.09E-11	-6.96	14.1437609	-1.53E-01	54131694	54131817	NC_000005.9
cg12768993	6.32E-10	5.09E-11	-6.96	14.1430477	-9.78E-02	108767893	108768016	NC_000011.9
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cg04718845	6.38E-10	5.15E-11	-6.96	14.132121	-1.38E-01	152623094	152623217	NC_000006.11
cg26252077	6.39E-10	5.15E-11	-6.96	14.1315837	-1.25E-01	61607055	61607178	NC_000001.10
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cg13578303	6.40E-10	5.16E-11	-6.96	14.1289162	-1.36E-01	49838698	49838821	NC_000019.9
cg23050705	6.41E-10	5.17E-11	-6.96	14.1282331	-1.34E-01	231694386	231694509	NC_000001.10
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cg11253122	6.41E-10	5.17E-11	-6.96	14.127186	-1.16E-01	20314957	20315080	NC_000001.10
cg22170222	6.42E-10	5.18E-11	-6.95	14.1255611	-7.88E-02	43942440	43942563	NC_000015.9

cg24208375	6.42E-10	5.18E-11	-6.95	14.1255116	-1.55E-02	31704282	31704405	NC_000006.11
cg17527177	6.42E-10	5.18E-11	-6.95	14.1253828	-1.86E-01	45796856	45796979	NC_000017.10
cg14294658	6.42E-10	5.18E-11	-6.95	14.125253	-1.26E-01	17994507	17994630	NC_000011.9
cg24421410	6.43E-10	5.18E-11	-6.95	14.12496	-1.83E-01	32920220	32920343	NC_000006.11
cg15840256	6.44E-10	5.20E-11	-6.95	14.1227983	-6.36E-02	54243739	54243862	NC_000004.11
cg04231772	6.44E-10	5.20E-11	-6.95	14.1226219	-4.05E-02	132638571	132638694	NC_000012.11
cg03387092	6.45E-10	5.20E-11	-6.95	14.1218554	-1.19E-01	123493248	123493371	NC_000003.11
cg19398115	6.45E-10	5.20E-11	-6.95	14.1212721	-3.21E-02	90750169	90750292	NC_000010.10
cg15007050	6.47E-10	5.22E-11	-6.95	14.1183477	-7.23E-02	101447374	101447497	NC_000007.13
cg08039701	6.47E-10	5.22E-11	-6.95	14.1177705	-6.89E-02	74063125	74063248	NC_000005.9
cg26940328	6.48E-10	5.23E-11	-6.95	14.1163899	-1.08E-01	11148412	11148535	NC_000017.10
cg00760950	6.48E-10	5.23E-11	-6.95	14.1160491	-1.50E-01	38066983	38067106	NC_000013.10
cg15799461	6.49E-10	5.24E-11	-6.95	14.1146638	-1.12E-01	69264259	69264382	NC_000011.9
cg27445709	6.50E-10	5.24E-11	-6.95	14.113817	-1.30E-01	47693946	47694069	NC_000007.13
cg24302752	6.50E-10	5.24E-11	-6.95	14.1137142	-1.58E-01	80853625	80853748	NC_000006.11
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cg21584862	6.52E-10	5.26E-11	-6.95	14.1107704	-1.35E-01	15133183	15133306	NC_000006.11
cg03918221	6.52E-10	5.26E-11	-6.95	14.109961	-1.06E-01	114322874	114322997	NC_000013.10
cg05135156	6.52E-10	5.27E-11	-6.95	14.109547	-7.20E-02	184355420	184355543	NC_000001.10
cg05977992	6.52E-10	5.27E-11	-6.95	14.109268	-8.26E-02	151186411	151186534	NC_000006.11
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cg10753889	6.53E-10	5.27E-11	-6.95	14.1085664	-1.35E-01	116706520	116706643	NC_000011.9
cg24775180	6.54E-10	5.28E-11	-6.95	14.1070077	-1.40E-01	132423699	132423822	NC_000012.11
cg19030554	6.54E-10	5.28E-11	-6.95	14.1066742	-8.39E-02	1822289	1822412	NC_000016.9

cg15270729	6.54E-10	5.28E-11	-6.95	14.1062485	-1.03E-01	47468898	47469021	NC_000011.9
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cg13116071	6.55E-10	5.29E-11	-6.95	14.1046938	-1.38E-01	243368706	243368829	NC_000001.10
cg22691256	6.55E-10	5.29E-11	-6.95	14.1043074	-1.53E-01	70937827	70937950	NC_000007.13
cg00258316	6.56E-10	5.30E-11	-6.95	14.1039793	-1.94E-01	8194341	8194464	NC_000001.10
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cg18045685	6.56E-10	5.30E-11	-6.95	14.1031598	-1.65E-01	22629474	22629597	NC_000007.13
cg11300402	6.56E-10	5.30E-11	-6.95	14.1028395	-6.92E-02	99680324	99680447	NC_000007.13
cg13731609	6.57E-10	5.31E-11	-6.95	14.1019331	-6.51E-02	82753739	82753862	NC_000008.10
cg16901862	6.57E-10	5.31E-11	-6.95	14.1011178	-1.65E-01	563019	563142	NC_000012.11
cg00975971	6.58E-10	5.32E-11	-6.95	14.1003609	-1.30E-01	14744206	14744329	NC_000005.9
cg21767135	6.59E-10	5.32E-11	-6.95	14.0992352	-4.82E-02	3169141	3169264	NC_000003.11
cg09898070	6.59E-10	5.33E-11	-6.95	14.0982271	-6.93E-02	48009866	48009989	NC_000002.11
cg07924154	6.60E-10	5.34E-11	-6.95	14.096723	-9.58E-02	1855209	1855332	NC_000001.10
cg02280132	6.60E-10	5.34E-11	-6.95	14.0964453	-9.89E-02	120008963	120009086	NC_000011.9
cg01709921	6.61E-10	5.34E-11	-6.95	14.0954274	-1.62E-01	15595987	15596110	NC_000016.9
cg14305659	6.62E-10	5.35E-11	-6.95	14.0940742	-1.29E-01	138696500	138696623	NC_000009.11
cg09343667	6.62E-10	5.35E-11	-6.95	14.0940487	-1.59E-01	206572056	206572179	NC_000002.11
cg23059700	6.64E-10	5.37E-11	-6.95	14.0909405	-1.28E-01	36238213	36238336	NC_000006.11
cg02482730	6.64E-10	5.37E-11	-6.95	14.0907217	-1.43E-01	75473577	75473700	NC_000017.10
cg10486488	6.64E-10	5.37E-11	-6.95	14.0901942	-9.04E-02	31695427	31695550	NC_000015.9
cg24859800	6.65E-10	5.38E-11	-6.95	14.0886334	-1.80E-02	31126731	31126854	NC_000006.11
cg16645344	6.66E-10	5.38E-11	-6.95	14.087999	-3.51E-02	71833193	71833316	NC_000012.11
cg08691775	6.66E-10	5.38E-11	-6.95	14.0879233	-1.31E-01	134310658	134310781	NC_000008.10
cg17611093	6.66E-10	5.39E-11	-6.95	14.0876416	-9.40E-02	233739114	233739237	NC_000002.11



cg05300440	6.66E-10	5.39E-11	-6.95	14.0867277	-6.82E-02	27098693	27098816	NC_000001.10
cg11787522	6.69E-10	5.41E-11	-6.95	14.0824693	-1.31E-01	74495109	74495232	NC_000015.9
cg24368588	6.69E-10	5.41E-11	-6.95	14.0823179	-6.44E-02	61903974	61904097	NC_000020.10
cg26544685	6.71E-10	5.42E-11	-6.95	14.0804306	-2.88E-02	93276720	93276843	NC_000011.9
cg02086195	6.71E-10	5.43E-11	-6.95	14.0803706	-1.75E-01	12656232	12656355	NC_000001.10
cg24131116	6.72E-10	5.43E-11	-6.95	14.0787067	-8.24E-02	219219623	219219746	NC_000002.11
cg12779520	6.72E-10	5.43E-11	-6.95	14.0786607	-8.43E-02	60774952	60775075	NC_000011.9
cg06328750	6.72E-10	5.44E-11	-6.95	14.0781164	-1.58E-01	157322599	157322722	NC_000007.13
cg16794579	6.72E-10	5.44E-11	-6.95	14.0779504	-1.47E-01	17562419	17562542	NC_000016.9
cg19364141	6.73E-10	5.44E-11	-6.95	14.0771054	-1.22E-01	63846679	63846802	NC_000002.11
cg19358594	6.73E-10	5.45E-11	-6.95	14.0764122	-6.35E-02	10532567	10532690	NC_000001.10
cg10782668	6.73E-10	5.45E-11	-6.95	14.0761374	-1.78E-01	28496082	28496205	NC_000013.10
cg19280776	6.73E-10	5.45E-11	-6.95	14.0760741	-7.34E-02	82024586	82024709	NC_000008.10
cg00925616	6.74E-10	5.45E-11	-6.95	14.0752645	-2.07E-01	32410211	32410334	NC_000001.10
ch.4.187742505F	6.74E-10	5.45E-11	-6.95	14.0751908	-2.37E-02	187505511	187505634	NC_000004.11
cg10966187	6.76E-10	5.47E-11	-6.95	14.0722122	-6.36E-02	65789910	65790033	NC_000011.9
cg13808936	6.76E-10	5.48E-11	-6.95	14.070994	-8.59E-02	136371164	136371287	NC_000009.11
cg18689925	6.77E-10	5.48E-11	-6.94	14.0705789	-3.45E-02	31371254	31371377	NC_000006.11
cg13461178	6.77E-10	5.49E-11	-6.94	14.0694993	-1.34E-01	4583451	4583574	NC_000019.9
cg12206846	6.78E-10	5.49E-11	-6.94	14.0682139	-1.09E-01	19292493	19292616	NC_000001.10
cg20009332	6.79E-10	5.50E-11	-6.94	14.0665429	-9.73E-02	10489118	10489241	NC_000008.10
cg05075268	6.79E-10	5.50E-11	-6.94	14.066289	-5.05E-02	19718750	19718873	NC_000022.10
cg09639264	6.81E-10	5.51E-11	-6.94	14.0643425	-1.13E-01	1308385	1308508	NC_000016.9
cg00111948	6.81E-10	5.52E-11	-6.94	14.0635689	-2.44E-02	27691978	27692101	NC_000001.10
cg17998530	6.81E-10	5.52E-11	-6.94	14.0634568	-8.23E-02	35388865	35388988	NC_000022.10

cg09943401	6.81E-10	5.52E-11	-6.94	14.0633513	-7.78E-02	57276595	57276718	NC_000004.11
ch.8.575115F	6.81E-10	5.52E-11	-6.94	14.0630707	-2.18E-02	23116576	23116699	NC_000008.10
cg13300480	6.82E-10	5.53E-11	-6.94	14.0623001	-1.62E-01	64485696	64485819	NC_000001.10
cg02390637	6.82E-10	5.53E-11	-6.94	14.0615767	-7.93E-02	106074440	106074563	NC_000010.10
cg15751090	6.83E-10	5.53E-11	-6.94	14.0613039	-1.12E-01	69534751	69534874	NC_000002.11
cg22648815	6.83E-10	5.53E-11	-6.94	14.0608996	-1.56E-01	113969140	113969263	NC_000002.11
cg04857172	6.84E-10	5.54E-11	-6.94	14.0594385	-1.01E-01	4283651	4283774	NC_000016.9
cg14993430	6.84E-10	5.54E-11	-6.94	14.0591692	-1.28E-01	193499482	193499605	NC_000003.11
cg12214673	6.84E-10	5.54E-11	-6.94	14.0590675	-3.35E-02	196159430	196159553	NC_000003.11
cg27083414	6.84E-10	5.55E-11	-6.94	14.0588391	-1.91E-02	49149933	49150056	NC_000019.9
cg23162967	6.84E-10	5.55E-11	-6.94	14.0584517	-4.90E-02	105587981	105588104	NC_000003.11
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cg24587601	6.85E-10	5.55E-11	-6.94	14.0574956	-2.24E-01	54987140	54987263	NC_000020.10
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cg05062087	6.85E-10	5.56E-11	-6.94	14.0569241	-8.49E-02	145806546	145806669	NC_000008.10
cg09160359	6.85E-10	5.56E-11	-6.94	14.0566648	-9.30E-02	81294865	81294988	NC_000015.9
cg25844590	6.86E-10	5.56E-11	-6.94	14.056435	-1.54E-01	7621556	7621679	NC_000011.9
cg27168858	6.86E-10	5.57E-11	-6.94	14.0551887	-1.32E-01	55351659	55351782	NC_000001.10
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cg15939920	6.89E-10	5.59E-11	-6.94	14.0512778	-1.21E-01	35457385	35457508	NC_000017.10
cg18909903	6.89E-10	5.59E-11	-6.94	14.0509514	-1.16E-01	1634335	1634458	NC_000017.10
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cg00474218	6.90E-10	5.60E-11	-6.94	14.0498943	-1.28E-01	67143904	67144027	NC_000015.9

cg04672650	6.90E-10	5.60E-11	-6.94	14.0497771	-6.38E-02	96943563	96943686	NC_000010.10
cg22531904	6.90E-10	5.60E-11	-6.94	14.0497429	-1.71E-01	99595276	99595399	NC_000007.13
cg07042289	6.91E-10	5.61E-11	-6.94	14.0477055	-7.45E-02	90692494	90692617	NC_000010.10
cg12632313	6.93E-10	5.62E-11	-6.94	14.0452785	-1.43E-01	151329752	151329875	NC_000002.11
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ch.20.752957R	6.95E-10	5.64E-11	-6.94	14.0419459	-3.75E-02	35702558	35702681	NC_000020.10
cg06637550	6.95E-10	5.64E-11	-6.94	14.0418742	-1.20E-01	37585337	37585460	NC_000022.10
cg05303132	6.95E-10	5.64E-11	-6.94	14.0418646	-1.81E-01	2984631	2984754	NC_000001.10
cg09957504	6.96E-10	5.65E-11	-6.94	14.0402837	-1.03E-01	8742058	8742181	NC_000008.10
cg15138109	6.96E-10	5.65E-11	-6.94	14.0402738	-7.84E-02	24713234	24713357	NC_000002.11
cg06611076	6.96E-10	5.65E-11	-6.94	14.0402042	-2.69E-02	198364074	198364197	NC_000002.11
cg13873733	6.97E-10	5.65E-11	-6.94	14.03968	-4.12E-02	83352560	83352683	NC_000004.11
cg06551822	6.97E-10	5.66E-11	-6.94	14.0392301	-1.05E-01	29858868	29858991	NC_000016.9
cg13739345	6.97E-10	5.66E-11	-6.94	14.0385764	-6.01E-02	19102782	19102905	NC_000009.11
cg03008387	6.99E-10	5.68E-11	-6.94	14.0361263	-1.38E-01	62089152	62089275	NC_000020.10
cg17557160	7.02E-10	5.70E-11	-6.94	14.0321038	-5.11E-02	129464924	129465047	NC_000007.13
cg11371851	7.02E-10	5.70E-11	-6.94	14.0317938	-6.13E-02	47823423	47823546	NC_000003.11
cg08410533	7.02E-10	5.70E-11	-6.94	14.0317253	-1.21E-01	375830	375953	NC_000010.10
cg21078330	7.02E-10	5.70E-11	-6.94	14.0316704	-1.41E-01	134104516	134104639	NC_000002.11
cg07314391	7.03E-10	5.71E-11	-6.94	14.0303936	-2.67E-02	150602100	150602223	NC_000001.10
cg02470595	7.04E-10	5.72E-11	-6.94	14.0292037	-8.37E-02	54426736	54426859	NC_000012.11
cg01810267	7.04E-10	5.72E-11	-6.94	14.0280211	-9.15E-02	118603742	118603865	NC_000005.9
cg24696028	7.04E-10	5.72E-11	-6.94	14.0280113	-4.41E-02	47731714	47731837	NC_000019.9
cg12697139	7.05E-10	5.72E-11	-6.94	14.0276701	-1.73E-01	209571889	209572012	NC_000001.10

cg19319588	7.05E-10	5.73E-11	-6.94	14.0273791	-1.32E-01	46010025	46010148	NC_000010.10
cg10878976	7.05E-10	5.73E-11	-6.94	14.0272703	-9.24E-02	1257084	1257207	NC_000005.9
cg10574863	7.06E-10	5.73E-11	-6.94	14.0259919	-1.38E-01	38068752	38068875	NC_000014.8
cg21142272	7.06E-10	5.74E-11	-6.94	14.0249041	-9.38E-02	67224341	67224464	NC_000016.9
cg14809332	7.09E-10	5.76E-11	-6.94	14.0213386	-9.09E-02	144654887	144655010	NC_000008.10
cg08051604	7.09E-10	5.76E-11	-6.94	14.0212071	-1.49E-01	101309386	101309509	NC_000014.8
cg12626968	7.09E-10	5.76E-11	-6.94	14.0211348	-6.12E-02	43603169	43603292	NC_000005.9
cg00563858	7.09E-10	5.76E-11	-6.94	14.0208574	-1.35E-01	153735395	153735518	NC_000005.9
cg17712202	7.10E-10	5.77E-11	-6.94	14.0194461	-4.06E-02	13261217	13261340	NC_000019.9
cg06246950	7.10E-10	5.77E-11	-6.94	14.0194017	-1.12E-01	31030853	31030976	NC_000022.10
cg13877974	7.10E-10	5.78E-11	-6.94	14.0189271	-6.95E-02	201708888	201709011	NC_000001.10
cg10080966	7.11E-10	5.78E-11	-6.94	14.0178406	-1.21E-01	112260867	112260990	NC_000010.10
cg15684661	7.11E-10	5.78E-11	-6.94	14.0177294	-1.43E-01	1795014	1795137	NC_000005.9
cg03044344	7.12E-10	5.79E-11	-6.94	14.0163096	-1.18E-01	1856307	1856430	NC_000011.9
cg15188182	7.12E-10	5.79E-11	-6.94	14.0159199	-5.29E-02	62457647	62457770	NC_000015.9
cg18462764	7.14E-10	5.81E-11	-6.93	14.0136785	-1.42E-01	76584710	76584833	NC_000010.10
cg26690742	7.14E-10	5.81E-11	-6.93	14.0135183	-1.84E-01	2889602	2889725	NC_000011.9
cg26339180	7.14E-10	5.81E-11	-6.93	14.0131334	-6.52E-02	55043319	55043442	NC_000020.10
cg03000844	7.14E-10	5.81E-11	-6.93	14.0130735	-3.67E-02	242641386	242641509	NC_000002.11
cg11083235	7.16E-10	5.82E-11	-6.93	14.0108704	-1.40E-01	128429005	128429128	NC_000003.11
cg05974629	7.18E-10	5.84E-11	-6.93	14.0079457	-9.54E-02	66742299	66742422	NC_000011.9
cg11258001	7.18E-10	5.84E-11	-6.93	14.00785	-3.32E-02	45360205	45360328	NC_000010.10
cg07144408	7.20E-10	5.86E-11	-6.93	14.0054239	-9.58E-02	54866037	54866160	NC_000005.9
cg03736603	7.20E-10	5.86E-11	-6.93	14.0044902	-5.69E-02	6346862	6346985	NC_000017.10
cg26831488	7.20E-10	5.86E-11	-6.93	14.0040933	-5.22E-02	114270881	114271004	NC_000011.9

cg05867975	7.21E-10	5.86E-11	-6.93	14.0040082	-8.85E-02	10131854	10131977	NC_000018.9
cg12018888	7.21E-10	5.87E-11	-6.93	14.0033721	-1.14E-01	106583218	106583341	NC_000006.11
cg03604774	7.23E-10	5.88E-11	-6.93	14.0008947	-1.91E-01	27849102	27849225	NC_000001.10
cg25011530	7.23E-10	5.88E-11	-6.93	14.0008583	-3.63E-02	105162470	105162593	NC_000007.13
cg14256268	7.23E-10	5.89E-11	-6.93	14.0003708	-1.13E-01	124985272	124985395	NC_000012.11
cg16775939	7.23E-10	5.89E-11	-6.93	14.0000144	-1.57E-01	197247220	197247343	NC_000003.11
cg16684817	7.24E-10	5.89E-11	-6.93	13.9991413	-1.58E-01	28202173	28202296	NC_000001.10
ch.11.1405170R	7.26E-10	5.91E-11	-6.93	13.9963359	-6.42E-02	67951916	67952039	NC_000011.9
cg22587600	7.26E-10	5.91E-11	-6.93	13.9960367	-1.48E-01	46883368	46883491	NC_000002.11
cg14039909	7.27E-10	5.92E-11	-6.93	13.9952692	-7.82E-02	76433293	76433416	NC_000011.9
cg03160508	7.27E-10	5.92E-11	-6.93	13.9951482	-7.95E-02	66823684	66823807	NC_000011.9
cg16086730	7.28E-10	5.93E-11	-6.93	13.9934017	-1.52E-01	9782142	9782265	NC_000005.9
cg16732648	7.29E-10	5.94E-11	-6.93	13.9917811	-1.50E-01	16318668	16318791	NC_000017.10
cg00741946	7.29E-10	5.94E-11	-6.93	13.9917247	-5.71E-02	122042964	122043087	NC_000002.11
cg24351694	7.29E-10	5.94E-11	-6.93	13.9912923	-9.71E-02	144655447	144655570	NC_000008.10
cg10787197	7.29E-10	5.94E-11	-6.93	13.9911003	-1.56E-01	11779941	11780064	NC_000006.11
cg04116494	7.29E-10	5.94E-11	-6.93	13.991024	-2.68E-02	76618702	76618825	NC_000014.8
cg07680195	7.29E-10	5.94E-11	-6.93	13.990979	-6.91E-02	17622109	17622232	NC_000019.9
cg01069791	7.30E-10	5.95E-11	-6.93	13.9898064	-7.02E-02	25507395	25507518	NC_000022.10
cg11214555	7.31E-10	5.95E-11	-6.93	13.9891145	-5.11E-02	36337033	36337156	NC_000019.9
cg15537269	7.32E-10	5.96E-11	-6.93	13.987516	-1.87E-01	24507197	24507320	NC_000008.10
cg10407585	7.32E-10	5.97E-11	-6.93	13.9867579	-1.26E-01	115999916	116000039	NC_000010.10
cg11022944	7.33E-10	5.97E-11	-6.93	13.9859084	-7.09E-02	114598438	114598561	NC_000005.9
cg10472567	7.34E-10	5.98E-11	-6.93	13.9840995	-1.02E-01	46115450	46115573	NC_000017.10
cg01640635	7.35E-10	5.99E-11	-6.93	13.9834714	-1.33E-01	38864868	38864991	NC_000022.10

cg17976390	7.35E-10	5.99E-11	-6.93	13.9829817	-1.17E-01	6130479	6130602	NC_000010.10
cg02909866	7.35E-10	5.99E-11	-6.93	13.9828437	-7.36E-02	101152469	101152592	NC_000010.10
cg18262260	7.36E-10	6.00E-11	-6.93	13.9819948	-5.23E-02	89029717	89029840	NC_000014.8
cg12649038	7.36E-10	6.00E-11	-6.93	13.9815073	-1.41E-01	116282534	116282657	NC_000010.10
cg15361750	7.36E-10	6.00E-11	-6.93	13.9812171	-1.57E-01	47839132	47839255	NC_000019.9
cg08140055	7.36E-10	6.00E-11	-6.93	13.9810961	-1.40E-01	134369339	134369462	NC_000003.11
cg14780845	7.37E-10	6.01E-11	-6.93	13.9805312	-5.07E-02	41323115	41323238	NC_000017.10
cg23616097	7.37E-10	6.01E-11	-6.93	13.9800592	-7.16E-02	5463348	5463471	NC_000007.13
cg01736212	7.37E-10	6.01E-11	-6.93	13.9794177	-7.29E-02	228189534	228189657	NC_000002.11
cg07237590	7.40E-10	6.03E-11	-6.93	13.9762801	-4.19E-02	62526788	62526911	NC_000020.10
cg14092536	7.40E-10	6.03E-11	-6.93	13.9762607	-6.30E-02	130889808	130889931	NC_000009.11
cg14473904	7.42E-10	6.05E-11	-6.93	13.9732381	-1.44E-01	93465087	93465210	NC_000015.9
cg12789833	7.42E-10	6.05E-11	-6.93	13.9727698	-6.47E-02	76195876	76195999	NC_000015.9
cg14967066	7.42E-10	6.05E-11	-6.93	13.9727158	-2.05E-01	314341	314464	NC_000011.9
cg17222829	7.43E-10	6.06E-11	-6.93	13.9715126	-1.36E-01	70433293	70433416	NC_000011.9
cg08330919	7.44E-10	6.06E-11	-6.93	13.9709186	-4.54E-02	40058921	40059044	NC_000004.11
cg11055926	7.44E-10	6.07E-11	-6.93	13.9702342	-6.49E-02	111683227	111683350	NC_000010.10
cg15698244	7.44E-10	6.07E-11	-6.93	13.9699018	-1.37E-01	76073316	76073439	NC_000006.11
cg22120095	7.46E-10	6.09E-11	-6.93	13.9675062	-1.60E-01	50488020	50488143	NC_000003.11
cg18762243	7.46E-10	6.09E-11	-6.93	13.9672285	-7.33E-02	226925704	226925827	NC_000001.10
cg00057667	7.47E-10	6.09E-11	-6.93	13.9660944	-1.12E-01	140069730	140069853	NC_000006.11
cg21482176	7.47E-10	6.10E-11	-6.93	13.9656864	-1.08E-01	64249332	64249455	NC_000005.9
cg03811829	7.47E-10	6.10E-11	-6.93	13.965593	-1.37E-01	949449	949572	NC_000001.10
cg24125063	7.48E-10	6.11E-11	-6.93	13.9640872	-2.92E-02	35374650	35374773	NC_000020.10
cg07072166	7.49E-10	6.11E-11	-6.93	13.963159	-4.65E-02	12886455	12886578	NC_000019.9

cg18422058	7.49E-10	6.12E-11	-6.93	13.9627028	-1.58E-01	78951762	78951885	NC_000014.8
cg05694563	7.49E-10	6.12E-11	-6.93	13.9624848	-1.01E-01	17465224	17465347	NC_000017.10
cg15849872	7.50E-10	6.12E-11	-6.93	13.9618706	-1.05E-01	1942744	1942867	NC_000011.9
cg09256310	7.51E-10	6.13E-11	-6.93	13.9607903	-3.46E-02	55657757	55657880	NC_000019.9
cg15430294	7.52E-10	6.14E-11	-6.92	13.9584216	-1.35E-01	47125648	47125771	NC_000019.9
cg23793599	7.53E-10	6.14E-11	-6.92	13.9580446	-1.27E-01	117749424	117749547	NC_000011.9
ch.2.4104651R	7.53E-10	6.15E-11	-6.92	13.9573021	-5.03E-02	206156946	206157069	NC_000002.11
cg04593696	7.55E-10	6.16E-11	-6.92	13.9551139	-1.22E-01	84076900	84077023	NC_000016.9
cg11188031	7.57E-10	6.18E-11	-6.92	13.9520539	-1.94E-01	156485648	156485771	NC_000005.9
cg01808708	7.57E-10	6.18E-11	-6.92	13.9517517	-1.59E-01	183484105	183484228	NC_000001.10
cg10092546	7.58E-10	6.19E-11	-6.92	13.9512975	-4.67E-02	1099214	1099337	NC_000020.10
cg18886436	7.60E-10	6.21E-11	-6.92	13.9483771	-4.09E-02	54785171	54785294	NC_000012.11
cg03701779	7.61E-10	6.22E-11	-6.92	13.9464137	-5.00E-02	74927978	74928101	NC_000010.10
cg22493616	7.62E-10	6.23E-11	-6.92	13.9450036	-1.28E-01	100400274	100400397	NC_000007.13
cg03624661	7.63E-10	6.23E-11	-6.92	13.9446472	-3.16E-02	63569529	63569652	NC_000015.9
cg03012115	7.65E-10	6.25E-11	-6.92	13.9418294	-4.33E-02	33216271	33216394	NC_000006.11
cg26539232	7.65E-10	6.25E-11	-6.92	13.941351	-4.83E-02	924834	924957	NC_000019.9
cg03665970	7.65E-10	6.25E-11	-6.92	13.9409951	-1.26E-01	17446104	17446227	NC_000019.9
ch.22.78028F	7.66E-10	6.26E-11	-6.92	13.9397416	-2.65E-02	19362054	19362177	NC_000022.10
cg04500909	7.67E-10	6.27E-11	-6.92	13.938724	-1.16E-01	159203122	159203245	NC_000005.9
cg15929771	7.68E-10	6.27E-11	-6.92	13.937457	-1.34E-01	12466185	12466308	NC_000001.10
cg19708986	7.69E-10	6.28E-11	-6.92	13.9360415	-1.31E-01	80824318	80824441	NC_000015.9
cg01062786	7.70E-10	6.29E-11	-6.92	13.93485	-5.96E-02	20929651	20929774	NC_000014.8
cg21510189	7.70E-10	6.30E-11	-6.92	13.934182	-1.11E-01	133927987	133928110	NC_000005.9
cg19113603	7.72E-10	6.31E-11	-6.92	13.9324374	-3.81E-02	130692917	130693040	NC_000009.11

cg17748242	7.73E-10	6.32E-11	-6.92	13.9299904	-9.83E-02	40517479	40517602	NC_000017.10
cg13361307	7.75E-10	6.34E-11	-6.92	13.9272086	-1.33E-01	100365075	100365198	NC_000002.11
cg16868095	7.76E-10	6.35E-11	-6.92	13.9263729	-1.36E-01	197090774	197090897	NC_000003.11
cg03788004	7.76E-10	6.35E-11	-6.92	13.9260996	-3.22E-02	102092168	102092291	NC_000012.11
cg23281711	7.77E-10	6.35E-11	-6.92	13.9253899	-4.34E-02	1354468	1354591	NC_000019.9
cg00247599	7.77E-10	6.36E-11	-6.92	13.9243831	-6.64E-02	27777649	27777772	NC_000006.11
cg09959684	7.78E-10	6.37E-11	-6.92	13.9230555	-1.47E-01	5632392	5632515	NC_000010.10
cg16615508	7.79E-10	6.37E-11	-6.92	13.9223979	-1.39E-01	601073	601196	NC_000005.9
cg26189303	7.79E-10	6.38E-11	-6.92	13.9217112	-1.04E-01	159897910	159898033	NC_000005.9
cg04837722	7.80E-10	6.38E-11	-6.92	13.9206956	-1.42E-01	160463767	160463890	NC_000006.11
cg11120865	7.81E-10	6.39E-11	-6.92	13.920177	-5.04E-02	21853037	21853160	NC_000014.8
cg11179286	7.81E-10	6.39E-11	-6.92	13.9201298	-4.86E-02	115047994	115048117	NC_000013.10
cg23003832	7.81E-10	6.39E-11	-6.92	13.9192822	-6.27E-02	131486918	131487041	NC_000009.11
cg24590075	7.82E-10	6.40E-11	-6.92	13.9182358	-5.62E-02	40224031	40224154	NC_000017.10
cg03433699	7.83E-10	6.41E-11	-6.92	13.9171563	-7.10E-02	6916926	6917049	NC_000017.10
cg23696886	7.83E-10	6.41E-11	-6.92	13.9164006	-7.53E-02	22437193	22437316	NC_000008.10
cg19399285	7.84E-10	6.41E-11	-6.92	13.9159777	-1.48E-01	75666847	75666970	NC_000010.10
cg03533091	7.84E-10	6.42E-11	-6.92	13.915517	-6.93E-02	3614086	3614209	NC_000011.9
cg17076397	7.85E-10	6.43E-11	-6.92	13.9136764	-6.46E-02	10353763	10353886	NC_000005.9
cg04382468	7.86E-10	6.43E-11	-6.92	13.9135578	-1.51E-01	11110746	11110869	NC_000016.9
cg20545458	7.87E-10	6.44E-11	-6.92	13.9113293	-1.45E-01	26046341	26046464	NC_000006.11
cg20924428	7.88E-10	6.45E-11	-6.92	13.910032	-8.04E-02	61927820	61927943	NC_000020.10
cg15881238	7.89E-10	6.46E-11	-6.92	13.9088988	-1.19E-01	87770744	87770867	NC_000004.11
cg02882530	7.90E-10	6.47E-11	-6.92	13.9076761	-1.39E-01	776504	776627	NC_000004.11
cg22330749	7.91E-10	6.47E-11	-6.92	13.9067304	-7.94E-02	10123764	10123887	NC_000002.11



cg04787675	7.91E-10	6.48E-11	-6.92	13.9058089	-7.02E-02	104683308	104683431	NC_000012.11
cg13659252	7.91E-10	6.48E-11	-6.92	13.9056047	-4.01E-02	139655589	139655712	NC_000009.11
cg06882420	7.92E-10	6.48E-11	-6.92	13.9054664	-9.78E-02	3605970	3606093	NC_000011.9
cg09495643	7.92E-10	6.49E-11	-6.92	13.9050051	-2.28E-01	1132313	1132436	NC_000019.9
ch.16.48460639F	7.92E-10	6.49E-11	-6.92	13.9044781	-1.20E-01	49903138	49903261	NC_000016.9
cg04132146	7.93E-10	6.50E-11	-6.91	13.9032013	-1.33E-01	87862158	87862281	NC_000006.11
cg27032813	7.93E-10	6.50E-11	-6.91	13.9031361	-1.40E-01	72490517	72490640	NC_000015.9
cg18107072	7.94E-10	6.50E-11	-6.91	13.9026291	-8.01E-02	67427811	67427934	NC_000016.9
cg02736560	7.95E-10	6.51E-11	-6.91	13.9011558	-8.99E-02	68257754	68257877	NC_000001.10
cg13365753	7.96E-10	6.52E-11	-6.91	13.8994577	-1.41E-01	234390545	234390668	NC_000002.11
cg06267200	7.96E-10	6.52E-11	-6.91	13.8994479	-1.07E-01	73403921	73404044	NC_000002.11
cg07142523	7.96E-10	6.52E-11	-6.91	13.8991705	-7.91E-02	45970509	45970632	NC_000019.9
cg19633205	7.97E-10	6.54E-11	-6.91	13.8975321	-8.93E-02	35544470	35544593	NC_000001.10
cg01660244	7.98E-10	6.54E-11	-6.91	13.89699	-4.22E-02	46620406	46620529	NC_000006.11
ch.1.228777R	7.98E-10	6.54E-11	-6.91	13.8962901	-4.67E-02	6251025	6251148	NC_000001.10
cg07665058	7.99E-10	6.55E-11	-6.91	13.895782	-7.34E-02	75542084	75542207	NC_000010.10
cg22035959	8.01E-10	6.57E-11	-6.91	13.8925662	-1.48E-01	951681	951804	NC_000019.9
cg12310395	8.01E-10	6.57E-11	-6.91	13.8923009	-5.24E-02	34245042	34245165	NC_000005.9
cg17316718	8.02E-10	6.57E-11	-6.91	13.8918473	-1.39E-01	152308	152431	NC_000017.10
cg13975303	8.02E-10	6.58E-11	-6.91	13.891194	-9.06E-02	36850894	36851017	NC_000022.10
cg03209642	8.02E-10	6.58E-11	-6.91	13.8909874	-1.26E-01	91427605	91427728	NC_000015.9
cg03437924	8.03E-10	6.58E-11	-6.91	13.8907138	-5.26E-02	25123326	25123449	NC_000016.9
cg16523490	8.04E-10	6.59E-11	-6.91	13.8891103	-1.39E-01	42115829	42115952	NC_000001.10
cg03008741	8.05E-10	6.60E-11	-6.91	13.8878258	-3.69E-02	69148573	69148696	NC_000016.9
cg23256466	8.05E-10	6.60E-11	-6.91	13.8878092	-5.82E-02	104159199	104159322	NC_000010.10

cg03962809	8.05E-10	6.60E-11	-6.91	13.8877585	-1.55E-02	201983199	201983322	NC_000002.11
cg18473090	8.06E-10	6.61E-11	-6.91	13.8867325	-1.37E-02	49436786	49436909	NC_000019.9
cg11829608	8.06E-10	6.61E-11	-6.91	13.8857374	-9.16E-02	207224549	207224672	NC_000001.10
cg05120428	8.08E-10	6.62E-11	-6.91	13.8841827	-1.07E-01	116109825	116109948	NC_000010.10
cg11769400	8.09E-10	6.63E-11	-6.91	13.8828058	-1.38E-01	22773857	22773980	NC_000008.10
ch.11.2015773F	8.10E-10	6.65E-11	-6.91	13.8808431	-3.39E-02	96664361	96664484	NC_000011.9
cg04483701	8.11E-10	6.66E-11	-6.91	13.8796569	-1.41E-01	86253703	86253826	NC_000016.9
cg21404063	8.13E-10	6.67E-11	-6.91	13.8778065	-1.84E-01	72957135	72957258	NC_000017.10
cg01073332	8.13E-10	6.67E-11	-6.91	13.8774654	-1.46E-01	62574023	62574146	NC_000020.10
cg08832744	8.14E-10	6.67E-11	-6.91	13.8767701	-3.55E-02	79283095	79283218	NC_000017.10
ch.3.1012570R	8.14E-10	6.68E-11	-6.91	13.8758859	-4.64E-02	48208271	48208394	NC_000003.11
ch.13.26026325R	8.14E-10	6.68E-11	-6.91	13.8757334	-5.32E-02	27128325	27128448	NC_000013.10
cg07026433	8.15E-10	6.69E-11	-6.91	13.8752561	-1.61E-01	129781152	129781275	NC_000007.13
cg01833923	8.15E-10	6.69E-11	-6.91	13.8746718	-8.64E-02	47286719	47286842	NC_000017.10
cg13514778	8.15E-10	6.69E-11	-6.91	13.8744255	-3.75E-02	34204988	34205111	NC_000020.10
cg02896757	8.16E-10	6.69E-11	-6.91	13.8740365	-1.10E-01	38508024	38508147	NC_000008.10
cg06180915	8.16E-10	6.70E-11	-6.91	13.8736437	-4.71E-02	2394179	2394302	NC_000007.13
cg04774229	8.17E-10	6.70E-11	-6.91	13.8727505	-6.53E-02	62670729	62670852	NC_000020.10
cg16534867	8.17E-10	6.70E-11	-6.91	13.8724954	-1.65E-01	42033899	42034022	NC_000007.13
cg02340818	8.17E-10	6.70E-11	-6.91	13.8724167	-1.50E-01	145808436	145808559	NC_000008.10
cg03994018	8.17E-10	6.71E-11	-6.91	13.8720388	-4.58E-02	37553339	37553462	NC_000008.10
cg05724997	8.17E-10	6.71E-11	-6.91	13.8715374	-5.52E-02	60988056	60988179	NC_000018.9
cg19363916	8.18E-10	6.71E-11	-6.91	13.8709814	-3.27E-02	67034540	67034663	NC_000011.9
cg26222731	8.18E-10	6.72E-11	-6.91	13.8702015	-9.35E-02	57695943	57696066	NC_000015.9
cg00421846	8.19E-10	6.73E-11	-6.91	13.8689759	-1.12E-01	41340293	41340416	NC_000006.11

cg21275039	8.20E-10	6.73E-11	-6.91	13.8685151	-1.14E-01	9632401	9632524	NC_000017.10
cg19061270	8.21E-10	6.74E-11	-6.91	13.8673356	-1.26E-01	17010645	17010768	NC_000019.9
cg05622441	8.21E-10	6.74E-11	-6.91	13.8672446	-3.91E-02	69419962	69420085	NC_000016.9
cg24875440	8.22E-10	6.75E-11	-6.91	13.8658362	-3.30E-02	27986375	27986498	NC_000001.10
cg02523617	8.22E-10	6.75E-11	-6.91	13.8651417	-4.44E-02	39699380	39699503	NC_000004.11
cg20160885	8.25E-10	6.78E-11	-6.91	13.8620529	-2.15E-02	5013524	5013647	NC_000007.13
cg22062554	8.25E-10	6.78E-11	-6.91	13.8619995	-5.05E-02	55866677	55866800	NC_000019.9
cg03773192	8.25E-10	6.78E-11	-6.91	13.8612668	-8.04E-02	120965975	120966098	NC_000010.10
cg17029694	8.26E-10	6.79E-11	-6.91	13.860381	-9.00E-02	62166255	62166378	NC_000020.10
cg17832212	8.26E-10	6.79E-11	-6.91	13.8600906	-4.59E-02	33367304	33367427	NC_000001.10
cg05819150	8.27E-10	6.80E-11	-6.91	13.8585905	-1.10E-01	101980380	101980503	NC_000011.9
cg05940672	8.28E-10	6.80E-11	-6.91	13.8582876	-1.63E-01	10438486	10438609	NC_000002.11
cg00665650	8.28E-10	6.81E-11	-6.91	13.8576598	-1.06E-01	138676787	138676910	NC_000005.9
cg27270962	8.30E-10	6.82E-11	-6.91	13.855028	-9.78E-02	134498381	134498504	NC_000008.10
cg08415973	8.32E-10	6.84E-11	-6.91	13.8534094	-1.28E-01	40346114	40346237	NC_000006.11
cg17755554	8.34E-10	6.85E-11	-6.91	13.8510998	-1.82E-01	24034017	24034140	NC_000003.11
ch.17.1234119R	8.34E-10	6.85E-11	-6.91	13.8507094	-5.46E-02	45227063	45227186	NC_000017.10
cg19216204	8.34E-10	6.86E-11	-6.91	13.8501545	-6.26E-02	37274578	37274701	NC_000003.11
ch.9.2787281F	8.34E-10	6.86E-11	-6.91	13.8500635	-3.96E-02	2797281	2797404	NC_000009.11
cg02695219	8.37E-10	6.89E-11	-6.9	13.8462357	-2.73E-02	9136852	9136975	NC_000018.9
cg18473733	8.38E-10	6.89E-11	-6.9	13.8461427	-1.47E-01	16437362	16437485	NC_000019.9
cg02384530	8.38E-10	6.89E-11	-6.9	13.8452701	-4.46E-02	6961868	6961991	NC_000012.11
cg17800649	8.39E-10	6.90E-11	-6.9	13.8440578	-4.39E-02	11159423	11159546	NC_000001.10
cg08241401	8.41E-10	6.91E-11	-6.9	13.8424702	-6.89E-02	3824289	3824412	NC_000020.10
cg04219726	8.41E-10	6.91E-11	-6.9	13.8421446	-8.88E-02	110082486	110082609	NC_000001.10

cg03699079	8.41E-10	6.92E-11	-6.9	13.8419735	-3.53E-02	47082129	47082252	NC_000001.10
cg24024661	8.41E-10	6.92E-11	-6.9	13.8416895	-1.42E-01	1074425	1074548	NC_000019.9
cg07185664	8.41E-10	6.92E-11	-6.9	13.8413729	-1.32E-01	1412950	1413073	NC_000017.10
cg02563407	8.41E-10	6.92E-11	-6.9	13.841254	-2.08E-01	269468	269591	NC_000011.9
cg00281100	8.43E-10	6.93E-11	-6.9	13.83953	-1.45E-01	90041434	90041557	NC_000010.10
cg10622911	8.43E-10	6.93E-11	-6.9	13.83934	-1.23E-01	47998776	47998899	NC_000001.10
ch.20.50133246R	8.43E-10	6.93E-11	-6.9	13.8392902	-1.01E-01	50699839	50699962	NC_000020.10
cg14666473	8.44E-10	6.94E-11	-6.9	13.8378325	-3.46E-02	27091463	27091586	NC_000012.11
cg13765621	8.44E-10	6.95E-11	-6.9	13.8375565	-1.10E-01	158149228	158149351	NC_000001.10
cg25271892	8.45E-10	6.95E-11	-6.9	13.8365457	-1.22E-01	62690462	62690585	NC_000011.9
cg00575127	8.47E-10	6.97E-11	-6.9	13.8341301	-7.50E-02	18718742	18718865	NC_000019.9
cg07598522	8.48E-10	6.98E-11	-6.9	13.833149	-4.81E-02	13227118	13227241	NC_000019.9
cg24066931	8.48E-10	6.98E-11	-6.9	13.8327378	-3.98E-02	1568534	1568657	NC_000019.9
cg15231202	8.49E-10	6.98E-11	-6.9	13.8323509	-1.72E-01	195310936	195311059	NC_000003.11
cg07490151	8.49E-10	6.99E-11	-6.9	13.8319342	-5.25E-02	143772072	143772195	NC_000006.11
cg03095800	8.49E-10	6.99E-11	-6.9	13.8311086	-1.27E-01	67208728	67208851	NC_000016.9
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cg25758828	8.50E-10	6.99E-11	-6.9	13.8309276	-1.48E-01	113976143	113976266	NC_000002.11
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cg08454125	8.51E-10	7.01E-11	-6.9	13.8289165	-1.19E-01	46747930	46748053	NC_000003.11
cg08468689	8.52E-10	7.02E-11	-6.9	13.8277083	-7.46E-02	40346680	40346803	NC_000017.10
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cg03498402	8.52E-10	7.02E-11	-6.9	13.8276173	-3.38E-02	67219437	67219560	NC_000016.9
cg21415227	8.53E-10	7.02E-11	-6.9	13.8270808	-1.03E-01	13985911	13986034	NC_000011.9
cg22643193	8.53E-10	7.02E-11	-6.9	13.8267936	-1.18E-01	1326215	1326338	NC_000006.11

cg05302441	8.54E-10	7.03E-11	-6.9	13.8253046	-1.16E-01	125157402	125157525	NC_000011.9
cg23059709	8.55E-10	7.04E-11	-6.9	13.8248404	-1.16E-01	57778278	57778401	NC_000015.9
cg08009669	8.55E-10	7.04E-11	-6.9	13.8243604	-1.31E-01	31465202	31465325	NC_000006.11
cg03918703	8.57E-10	7.06E-11	-6.9	13.821858	-1.29E-01	23888450	23888573	NC_000014.8
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cg12020201	8.59E-10	7.08E-11	-6.9	13.8190832	-2.44E-02	50017283	50017406	NC_000012.11
cg23959118	8.61E-10	7.09E-11	-6.9	13.8174504	-4.73E-02	26911451	26911574	NC_000010.10
cg15171911	8.61E-10	7.09E-11	-6.9	13.8169868	-1.53E-01	53068921	53069044	NC_000018.9
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cg07496882	8.62E-10	7.10E-11	-6.9	13.8163199	-5.87E-02	112631570	112631693	NC_000010.10
cg21571466	8.63E-10	7.11E-11	-6.9	13.8142813	-6.18E-02	159895591	159895714	NC_000001.10
cg17809353	8.63E-10	7.11E-11	-6.9	13.8142136	-1.10E-01	20386466	20386589	NC_000002.11
ch.20.234237F	8.63E-10	7.12E-11	-6.9	13.8140025	-3.82E-02	10626720	10626843	NC_000020.10
cg08036553	8.64E-10	7.12E-11	-6.9	13.8138162	-1.27E-01	64649805	64649928	NC_000001.10
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cg26793720	8.66E-10	7.13E-11	-6.9	13.8113881	-1.45E-01	98532008	98532131	NC_000008.10
cg16326367	8.67E-10	7.14E-11	-6.9	13.8100643	-1.01E-01	77946110	77946233	NC_000005.9
cg14114377	8.68E-10	7.15E-11	-6.9	13.8089037	-1.09E-01	45756845	45756968	NC_000019.9
cg14950751	8.68E-10	7.15E-11	-6.9	13.8088964	-1.11E-01	6947464	6947587	NC_000017.10
cg17727855	8.68E-10	7.16E-11	-6.9	13.8082265	-6.16E-02	108007124	108007247	NC_000009.11
cg16020551	8.68E-10	7.16E-11	-6.9	13.8080659	-3.98E-02	130890638	130890761	NC_000009.11
cg20765441	8.69E-10	7.16E-11	-6.9	13.8074242	-1.39E-01	25931659	25931782	NC_000006.11
cg20443357	8.71E-10	7.18E-11	-6.9	13.8054541	-9.43E-02	134269240	134269363	NC_000010.10

cg10226628	8.72E-10	7.19E-11	-6.9	13.8040384	-1.48E-02	30968426	30968549	NC_000016.9
ch.1.227099949R	8.74E-10	7.21E-11	-6.9	13.801351	-3.14E-02	229033326	229033449	NC_000001.10
cg19903001	8.75E-10	7.21E-11	-6.9	13.8004505	-7.35E-02	70939225	70939348	NC_000010.10
cg11755367	8.75E-10	7.22E-11	-6.9	13.8001401	-1.06E-01	48105707	48105830	NC_000008.10
cg05673892	8.76E-10	7.22E-11	-6.9	13.7993483	-1.75E-01	38033934	38034057	NC_000003.11
cg11935143	8.78E-10	7.24E-11	-6.9	13.7967494	-9.05E-02	38389659	38389782	NC_000007.13
cg26099834	8.78E-10	7.25E-11	-6.9	13.7961176	-1.82E-01	66947568	66947691	NC_000015.9
cg00913289	8.80E-10	7.26E-11	-6.9	13.7943482	-7.13E-02	232573281	232573404	NC_000002.11
cg05939149	8.80E-10	7.26E-11	-6.9	13.7942476	-1.49E-01	43986106	43986229	NC_000002.11
cg23845609	8.82E-10	7.28E-11	-6.89	13.7917193	-1.20E-01	47609357	47609480	NC_000011.9
cg19355325	8.82E-10	7.28E-11	-6.89	13.791545	-4.92E-02	55839524	55839647	NC_000020.10
cg17301311	8.83E-10	7.28E-11	-6.89	13.7909653	-8.11E-02	48641896	48642019	NC_000017.10
cg07352798	8.83E-10	7.29E-11	-6.89	13.7903515	-5.50E-02	141488591	141488714	NC_000005.9
cg00624976	8.84E-10	7.29E-11	-6.89	13.790039	-2.72E-02	61846766	61846889	NC_000020.10
cg27177839	8.84E-10	7.30E-11	-6.89	13.7894181	-1.55E-01	105635769	105635892	NC_000014.8
cg10851763	8.85E-10	7.30E-11	-6.89	13.7884781	-1.69E-01	43545792	43545915	NC_000021.8
cg06367459	8.85E-10	7.30E-11	-6.89	13.7883595	-4.81E-02	55898325	55898448	NC_000019.9
cg13601517	8.85E-10	7.30E-11	-6.89	13.7882386	-5.31E-02	136374564	136374687	NC_000009.11
cg08057037	8.85E-10	7.31E-11	-6.89	13.7876761	-9.62E-02	865673	865796	NC_000011.9
cg00326958	8.86E-10	7.32E-11	-6.89	13.7865334	-6.15E-02	43892075	43892198	NC_000010.10
cg24584161	8.89E-10	7.34E-11	-6.89	13.7839064	-1.11E-01	40452931	40453054	NC_000015.9
cg05876069	8.90E-10	7.35E-11	-6.89	13.782122	-1.02E-01	150020288	150020411	NC_000005.9
cg22878627	8.91E-10	7.36E-11	-6.89	13.7806563	-1.18E-01	169379010	169379133	NC_000003.11
cg09336922	8.92E-10	7.36E-11	-6.89	13.7804232	-1.23E-01	790795	790918	NC_000011.9
cg10153942	8.92E-10	7.36E-11	-6.89	13.7802911	-7.74E-02	54982500	54982623	NC_000019.9

cg05335886	8.93E-10	7.37E-11	-6.89	13.7790285	-3.37E-02	19421979	19422102	NC_000016.9
cg11289100	8.93E-10	7.38E-11	-6.89	13.7783876	-1.04E-01	19313024	19313147	NC_000017.10
cg04018571	8.94E-10	7.39E-11	-6.89	13.7772522	-4.11E-02	96874059	96874182	NC_000002.11
cg13414834	8.96E-10	7.40E-11	-6.89	13.775222	-7.62E-02	241394123	241394246	NC_000002.11
cg03690162	8.97E-10	7.41E-11	-6.89	13.7746529	-1.35E-02	121410453	121410576	NC_000010.10
cg18408209	8.97E-10	7.41E-11	-6.89	13.7746188	-1.13E-01	193509	193632	NC_000002.11
cg03928887	8.98E-10	7.42E-11	-6.89	13.7731448	-1.47E-01	43200129	43200252	NC_000017.10
cg08055910	8.98E-10	7.42E-11	-6.89	13.7726024	-3.97E-02	187065940	187066063	NC_000004.11
cg00164282	9.01E-10	7.44E-11	-6.89	13.7700587	-1.97E-01	30830732	30830855	NC_000017.10
cg24476826	9.01E-10	7.44E-11	-6.89	13.7697488	-1.60E-01	29904571	29904694	NC_000015.9
cg16415939	9.03E-10	7.47E-11	-6.89	13.7668968	-1.08E-01	236083208	236083331	NC_000001.10
cg21646084	9.05E-10	7.48E-11	-6.89	13.7646935	-1.22E-01	16802843	16802966	NC_000002.11
cg14495958	9.10E-10	7.52E-11	-6.89	13.7598542	-1.26E-01	140301079	140301202	NC_000009.11
cg21863334	9.11E-10	7.53E-11	-6.89	13.7580531	-1.27E-01	36157405	36157528	NC_000020.10
cg12218099	9.11E-10	7.53E-11	-6.89	13.7579311	-1.19E-01	159188159	159188282	NC_000006.11
cg13853591	9.12E-10	7.54E-11	-6.89	13.7573117	-2.34E-02	65468921	65469044	NC_000001.10
cg11798891	9.12E-10	7.54E-11	-6.89	13.7566765	-8.38E-02	143485435	143485558	NC_000008.10
cg13319042	9.13E-10	7.55E-11	-6.89	13.7556697	-1.21E-01	151067848	151067971	NC_000005.9
cg12099472	9.13E-10	7.55E-11	-6.89	13.7556531	-1.23E-01	224677565	224677688	NC_000001.10
cg01556552	9.14E-10	7.56E-11	-6.89	13.7550545	-1.21E-01	10695686	10695809	NC_000001.10
cg01830674	9.14E-10	7.56E-11	-6.89	13.7548033	-3.13E-02	219433148	219433271	NC_000002.11
cg23170988	9.15E-10	7.57E-11	-6.89	13.7534529	-9.12E-02	88720216	88720339	NC_000010.10
cg14355581	9.15E-10	7.57E-11	-6.89	13.7532542	-1.07E-01	28518682	28518805	NC_000013.10
cg18733757	9.16E-10	7.57E-11	-6.89	13.7526798	-1.73E-01	114134878	114135001	NC_000010.10
cg12030031	9.16E-10	7.58E-11	-6.89	13.7524468	-1.35E-01	6614798	6614921	NC_000006.11

cg13909214	9.16E-10	7.58E-11	-6.89	13.7520628	-6.25E-02	95653899	95654022	NC_000008.10
cg23196919	9.16E-10	7.58E-11	-6.89	13.7518659	-7.92E-02	58257920	58258043	NC_000003.11
cg24150051	9.17E-10	7.58E-11	-6.89	13.7513494	-1.88E-02	223899998	223900121	NC_000001.10
ch.1.2890615F	9.18E-10	7.59E-11	-6.89	13.7501394	-2.12E-02	150313655	150313778	NC_000001.10
cg20200080	9.18E-10	7.60E-11	-6.89	13.7496142	-8.86E-02	171830785	171830908	NC_000002.11
cg07431429	9.18E-10	7.60E-11	-6.89	13.7495913	-4.20E-02	21750645	21750768	NC_000013.10
cg17544584	9.19E-10	7.60E-11	-6.89	13.7490238	-1.66E-01	43288771	43288894	NC_000007.13
cg20268689	9.20E-10	7.61E-11	-6.89	13.7482291	-1.59E-01	20431435	20431558	NC_000002.11
cg06047270	9.20E-10	7.61E-11	-6.89	13.7477365	-1.15E-01	139740885	139741008	NC_000009.11
cg16452651	9.21E-10	7.62E-11	-6.89	13.747054	-1.81E-01	35016873	35016996	NC_000021.8
cg00245890	9.22E-10	7.63E-11	-6.89	13.7458176	-1.21E-01	58574042	58574165	NC_000003.11
cg18154114	9.23E-10	7.63E-11	-6.89	13.7448356	-5.04E-02	155948831	155948954	NC_000001.10
cg03953671	9.23E-10	7.64E-11	-6.89	13.7444791	-4.84E-02	26488355	26488478	NC_000001.10
cg22390433	9.23E-10	7.64E-11	-6.89	13.7442189	-3.54E-02	185014530	185014653	NC_000001.10
cg02909097	9.23E-10	7.64E-11	-6.89	13.7439834	-1.01E-01	2843206	2843329	NC_000017.10
cg12815841	9.24E-10	7.64E-11	-6.89	13.7435878	-3.68E-02	126150822	126150945	NC_000010.10
cg03876823	9.24E-10	7.65E-11	-6.89	13.7430136	-2.21E-02	32899771	32899894	NC_000020.10
cg24690692	9.24E-10	7.65E-11	-6.89	13.7425708	-1.40E-01	123842309	123842432	NC_000007.13
cg02623200	9.25E-10	7.66E-11	-6.89	13.7421603	-8.91E-02	118727658	118727781	NC_000001.10
cg10930101	9.25E-10	7.66E-11	-6.89	13.7419626	-1.21E-01	62085466	62085589	NC_000017.10
cg10075819	9.26E-10	7.66E-11	-6.89	13.7410762	-1.55E-01	109229337	109229460	NC_000002.11
cg18944582	9.26E-10	7.67E-11	-6.89	13.7403212	-5.14E-02	37657136	37657259	NC_000022.10
cg06630869	9.28E-10	7.68E-11	-6.89	13.7387999	-3.95E-02	55769270	55769393	NC_000019.9
cg16486109	9.28E-10	7.68E-11	-6.89	13.738579	-1.54E-01	613632	613755	NC_000011.9
cg21333861	9.28E-10	7.69E-11	-6.89	13.7380339	-2.31E-01	33244976	33245099	NC_000006.11



cg22801561	9.29E-10	7.70E-11	-6.88	13.7368635	-1.37E-01	55562964	55563087	NC_000017.10
cg20699274	9.29E-10	7.70E-11	-6.88	13.7367172	-1.05E-01	95706927	95707050	NC_000010.10
cg19637113	9.30E-10	7.70E-11	-6.88	13.7364247	-8.15E-02	74528522	74528645	NC_000015.9
cg06159340	9.31E-10	7.71E-11	-6.88	13.735131	-1.57E-01	30907560	30907683	NC_000016.9
cg19478111	9.33E-10	7.73E-11	-6.88	13.7326175	-1.14E-01	73359987	73360110	NC_000011.9
cg03637179	9.34E-10	7.74E-11	-6.88	13.7318938	-2.85E-02	99716580	99716703	NC_000007.13
cg11583041	9.34E-10	7.74E-11	-6.88	13.7318613	-1.27E-01	169740781	169740904	NC_000006.11
cg00759634	9.34E-10	7.74E-11	-6.88	13.7312237	-5.07E-02	125853788	125853911	NC_000010.10
cg22231056	9.34E-10	7.74E-11	-6.88	13.7311038	-3.87E-02	106958645	106958768	NC_000006.11
cg25577367	9.34E-10	7.74E-11	-6.88	13.7310978	-1.11E-01	123676979	123677102	NC_000011.9
cg02349669	9.35E-10	7.74E-11	-6.88	13.7307778	-5.01E-02	115155524	115155647	NC_000005.9
cg09704553	9.35E-10	7.75E-11	-6.88	13.7300571	-6.70E-02	27167052	27167175	NC_000012.11
cg01732984	9.35E-10	7.75E-11	-6.88	13.7299095	-8.15E-02	48575859	48575982	NC_000013.10
cg25270574	9.35E-10	7.75E-11	-6.88	13.7299075	-8.99E-02	109194620	109194743	NC_000012.11
cg21485906	9.37E-10	7.76E-11	-6.88	13.7284394	-1.38E-01	29625216	29625339	NC_000016.9
cg09006420	9.37E-10	7.77E-11	-6.88	13.7277698	-6.32E-02	463599	463722	NC_000017.10
cg10464130	9.37E-10	7.77E-11	-6.88	13.7276651	-1.40E-01	123991925	123992048	NC_000003.11
cg18660345	9.38E-10	7.77E-11	-6.88	13.7271593	-1.73E-01	35169539	35169662	NC_000020.10
cg10339152	9.40E-10	7.79E-11	-6.88	13.7247739	-8.84E-02	749452	749575	NC_000020.10
cg02830576	9.41E-10	7.80E-11	-6.88	13.7235753	-6.78E-02	12706008	12706131	NC_000003.11
cg18882687	9.42E-10	7.81E-11	-6.88	13.7227173	-1.24E-01	228275828	228275951	NC_000001.10
cg01908338	9.42E-10	7.81E-11	-6.88	13.7225224	-1.58E-01	2984525	2984648	NC_000001.10
cg13653809	9.44E-10	7.83E-11	-6.88	13.7202224	-9.12E-02	1167714	1167837	NC_000004.11
cg27096232	9.45E-10	7.83E-11	-6.88	13.719553	-1.13E-01	3287777	3287900	NC_000004.11
cg08703808	9.47E-10	7.85E-11	-6.88	13.7172815	-1.47E-01	201613458	201613581	NC_000001.10

cg07457626	9.48E-10	7.86E-11	-6.88	13.7163497	-1.51E-01	155347581	155347704	NC_000006.11
cg13430851	9.48E-10	7.86E-11	-6.88	13.7163252	-4.88E-02	12237037	12237160	NC_000010.10
cg06655665	9.49E-10	7.87E-11	-6.88	13.7151964	-1.18E-01	38607629	38607752	NC_000002.11
ch.7.1578169F	9.49E-10	7.87E-11	-6.88	13.7150056	-3.46E-02	72409005	72409128	NC_000007.13
cg21494069	9.49E-10	7.87E-11	-6.88	13.714598	-4.83E-02	139045471	139045594	NC_000007.13
cg13679691	9.49E-10	7.87E-11	-6.88	13.7145303	-6.03E-02	50608033	50608156	NC_000022.10
ch.14.55428957F	9.49E-10	7.88E-11	-6.88	13.7143159	-2.14E-02	56359204	56359327	NC_000014.8
cg04716261	9.50E-10	7.88E-11	-6.88	13.7139322	-8.45E-02	2937999	2938122	NC_000001.10
cg24311182	9.50E-10	7.88E-11	-6.88	13.7139162	-9.89E-02	116610397	116610520	NC_000001.10
cg03477252	9.51E-10	7.89E-11	-6.88	13.7129729	-1.04E-01	33288180	33288303	NC_000006.11
ch.6.952513R	9.51E-10	7.89E-11	-6.88	13.712702	-4.05E-02	38384073	38384196	NC_000006.11
cg25961136	9.52E-10	7.90E-11	-6.88	13.7109544	-1.02E-01	58246871	58246994	NC_000012.11
cg02739280	9.53E-10	7.91E-11	-6.88	13.7105999	-1.14E-01	20119229	20119352	NC_000011.9
ch.1.24684R	9.53E-10	7.91E-11	-6.88	13.7102607	-3.58E-02	1190026	1190149	NC_000001.10
cg14651650	9.54E-10	7.92E-11	-6.88	13.7091216	-1.19E-01	193323793	193323916	NC_000003.11
cg02441711	9.54E-10	7.92E-11	-6.88	13.7090468	-1.54E-01	80291105	80291228	NC_000017.10
cg07134045	9.56E-10	7.93E-11	-6.88	13.7074416	-6.89E-02	130690198	130690321	NC_000009.11
cg03343515	9.56E-10	7.94E-11	-6.88	13.7063844	-1.44E-01	41430189	41430312	NC_000019.9
cg11775488	9.57E-10	7.94E-11	-6.88	13.7060416	-2.06E-01	95586237	95586360	NC_000010.10
cg10389812	9.57E-10	7.94E-11	-6.88	13.7058551	-1.73E-01	99458162	99458285	NC_000015.9
cg00368296	9.57E-10	7.95E-11	-6.88	13.705401	-1.31E-01	8052183	8052306	NC_000019.9
ch.3.15909166F	9.58E-10	7.96E-11	-6.88	13.7043252	-1.82E-02	15934162	15934285	NC_000003.11
cg07883869	9.59E-10	7.96E-11	-6.88	13.7034677	-1.36E-01	49909757	49909880	NC_000016.9
cg16152753	9.59E-10	7.97E-11	-6.88	13.7030824	-1.43E-01	23732088	23732211	NC_000010.10
cg04013733	9.60E-10	7.97E-11	-6.88	13.7025927	-1.15E-01	135727318	135727441	NC_000003.11

cg13334518	9.60E-10	7.97E-11	-6.88	13.7022997	-1.04E-01	40792399	40792522	NC_000009.11
cg15082824	9.61E-10	7.98E-11	-6.88	13.7008292	-1.28E-01	70977715	70977838	NC_000011.9
cg18538297	9.62E-10	7.99E-11	-6.88	13.7004645	-6.41E-02	58892579	58892702	NC_000019.9
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cg25410842	9.63E-10	8.00E-11	-6.88	13.6991766	-4.52E-02	150521647	150521770	NC_000001.10
cg07294870	9.64E-10	8.01E-11	-6.88	13.6978925	-3.67E-02	44044586	44044709	NC_000020.10
cg03040622	9.66E-10	8.02E-11	-6.88	13.6964912	-1.25E-01	5536937	5537060	NC_000007.13
cg20468081	9.67E-10	8.03E-11	-6.88	13.6953978	-1.02E-01	38657934	38658057	NC_000017.10
cg00281153	9.68E-10	8.04E-11	-6.88	13.6936022	-5.32E-02	75682798	75682921	NC_000016.9
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cg25029360	9.71E-10	8.07E-11	-6.88	13.6907602	-2.54E-02	141646502	141646625	NC_000008.10
cg22935501	9.72E-10	8.07E-11	-6.88	13.6899021	-4.19E-02	78234799	78234922	NC_000017.10
cg07408552	9.74E-10	8.09E-11	-6.88	13.687775	-8.74E-02	40611995	40612118	NC_000017.10
cg04876474	9.74E-10	8.09E-11	-6.88	13.6876273	-1.22E-01	2890091	2890214	NC_000011.9
cg11612727	9.74E-10	8.10E-11	-6.88	13.6873708	-7.40E-02	105110686	105110809	NC_000010.10
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cg25281616	9.78E-10	8.13E-11	-6.88	13.6837007	-9.21E-02	2020279	2020402	NC_000011.9
cg03934002	9.79E-10	8.14E-11	-6.88	13.6818237	-1.27E-01	100096052	100096175	NC_000013.10
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cg14068788	9.80E-10	8.14E-11	-6.87	13.6814429	-1.05E-01	133838188	133838311	NC_000009.11
cg04449953	9.80E-10	8.15E-11	-6.87	13.6811628	-7.35E-02	144486939	144487062	NC_000008.10
cg08996506	9.81E-10	8.16E-11	-6.87	13.6799816	-1.20E-01	16070868	16070991	NC_000016.9
cg20425384	9.82E-10	8.17E-11	-6.87	13.6785833	-9.56E-02	132657819	132657942	NC_000012.11
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cg07838680	9.85E-10	8.19E-11	-6.87	13.6755713	-3.63E-02	30821706	30821829	NC_000022.10

cg01028925	9.86E-10	8.20E-11	-6.87	13.6751482	-7.94E-02	2122103	2122226	NC_000007.13
cg11599830	9.86E-10	8.20E-11	-6.87	13.6748913	-1.00E-01	49504967	49505090	NC_000012.11
cg04095776	9.86E-10	8.20E-11	-6.87	13.6747941	-1.07E-01	31106941	31107064	NC_000006.11
cg13814747	9.88E-10	8.22E-11	-6.87	13.6726897	-1.32E-01	31373178	31373301	NC_000015.9
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cg05713242	9.91E-10	8.24E-11	-6.87	13.6699789	-1.46E-01	23145039	23145162	NC_000008.10
cg05945943	9.91E-10	8.24E-11	-6.87	13.6697192	-1.74E-02	60986770	60986893	NC_000018.9
cg17028814	9.91E-10	8.25E-11	-6.87	13.6692427	-1.43E-01	161206502	161206625	NC_000001.10
cg09893570	9.92E-10	8.25E-11	-6.87	13.6685169	-1.83E-01	58248058	58248181	NC_000017.10
cg07631533	9.93E-10	8.26E-11	-6.87	13.667166	-1.40E-01	13135565	13135688	NC_000016.9
cg02072992	9.94E-10	8.27E-11	-6.87	13.666331	-3.02E-02	83960431	83960554	NC_000016.9
cg06732687	9.94E-10	8.27E-11	-6.87	13.6660943	-1.30E-01	56299289	56299412	NC_000014.8
cg10778836	9.95E-10	8.28E-11	-6.87	13.6654127	-1.40E-01	99617387	99617510	NC_000009.11
cg06720722	9.97E-10	8.30E-11	-6.87	13.6628498	-1.54E-01	189349021	189349144	NC_000003.11
cg15787712	9.97E-10	8.30E-11	-6.87	13.6627727	-1.15E-01	13948243	13948366	NC_000019.9
cg18547299	9.98E-10	8.31E-11	-6.87	13.661751	-1.57E-01	14049578	14049701	NC_000019.9
cg03138405	9.99E-10	8.32E-11	-6.87	13.6610156	-2.59E-02	17666150	17666273	NC_000019.9
cg22333897	1.00E-09	8.33E-11	-6.87	13.6593757	-1.29E-01	168925698	168925821	NC_000006.11
cg19603134	1.00E-09	8.33E-11	-6.87	13.6593543	-1.26E-01	44577240	44577363	NC_000022.10
cg14928452	1.00E-09	8.34E-11	-6.87	13.6583104	-1.13E-01	37814797	37814920	NC_000003.11
cg22109530	1.00E-09	8.34E-11	-6.87	13.6581	-1.03E-01	178310534	178310657	NC_000001.10
cg12081372	1.00E-09	8.35E-11	-6.87	13.6567845	-9.74E-02	170926055	170926178	NC_000004.11
cg10757188	1.00E-09	8.36E-11	-6.87	13.6561819	-2.64E-02	8213612	8213735	NC_000019.9
cg04422024	1.00E-09	8.36E-11	-6.87	13.6560462	-1.43E-01	73524288	73524411	NC_000014.8
cg21449569	1.00E-09	8.36E-11	-6.87	13.655588	-1.33E-01	2276322	2276445	NC_000019.9

cg19619576	1.00E-09	8.37E-11	-6.87	13.6548125	-7.74E-02	17718525	17718648	NC_000017.10
cg04184623	1.01E-09	8.38E-11	-6.87	13.6539885	-5.99E-02	217277352	217277475	NC_000002.11
cg00566164	1.01E-09	8.38E-11	-6.87	13.653933	-9.95E-02	228559156	228559279	NC_000001.10
cg16700000	1.01E-09	8.39E-11	-6.87	13.652642	-4.53E-02	27756844	27756967	NC_000003.11
cg23895096	1.01E-09	8.39E-11	-6.87	13.6523027	-1.17E-01	161085133	161085256	NC_000001.10
cg07874772	1.01E-09	8.40E-11	-6.87	13.650667	-4.83E-02	16582240	16582363	NC_000019.9
cg11713727	1.01E-09	8.42E-11	-6.87	13.648271	-9.91E-02	150444569	150444692	NC_000002.11
cg05635940	1.01E-09	8.42E-11	-6.87	13.6482486	-1.11E-01	35617254	35617377	NC_000019.9
cg19315261	1.01E-09	8.43E-11	-6.87	13.6478303	-1.26E-01	177225876	177225999	NC_000001.10
cg24032190	1.01E-09	8.44E-11	-6.87	13.646879	-6.56E-02	67442893	67443016	NC_000015.9
cg03027227	1.01E-09	8.44E-11	-6.87	13.6465281	-1.50E-01	80221468	80221591	NC_000002.11
cg06856891	1.01E-09	8.44E-11	-6.87	13.6461368	-1.28E-01	74903507	74903630	NC_000004.11
cg21515349	1.01E-09	8.44E-11	-6.87	13.6458505	-1.04E-01	42082028	42082151	NC_000017.10
cg11091914	1.01E-09	8.45E-11	-6.87	13.6447051	-1.88E-01	105598224	105598347	NC_000008.10
cg25137841	1.01E-09	8.46E-11	-6.87	13.6444408	-1.03E-01	31536585	31536708	NC_000022.10
cg18063824	1.02E-09	8.46E-11	-6.87	13.6440805	-9.34E-02	54075042	54075165	NC_000004.11
cg08534016	1.02E-09	8.46E-11	-6.87	13.6439573	-1.60E-01	35771584	35771707	NC_000005.9
cg21484956	1.02E-09	8.46E-11	-6.87	13.6438822	-1.20E-01	77273469	77273592	NC_000012.11
ch.9.2265413R	1.02E-09	8.48E-11	-6.87	13.6413102	-4.43E-02	134358722	134358845	NC_000009.11
cg21184926	1.02E-09	8.50E-11	-6.87	13.6399344	-5.08E-02	198318139	198318262	NC_000002.11
cg26931475	1.02E-09	8.51E-11	-6.87	13.6388347	-1.11E-01	46743214	46743337	NC_000012.11
cg22779651	1.02E-09	8.52E-11	-6.87	13.6366162	-1.30E-01	164415027	164415150	NC_000004.11
cg21032008	1.02E-09	8.53E-11	-6.87	13.6354984	-1.14E-01	7724717	7724840	NC_000003.11
cg07298347	1.02E-09	8.54E-11	-6.87	13.6348653	-2.05E-01	153264085	153264208	NC_000002.11
cg17449018	1.02E-09	8.54E-11	-6.87	13.6342693	-3.01E-02	61129369	61129492	NC_000011.9

cg16569937	1.02E-09	8.55E-11	-6.87	13.6340289	-1.76E-01	57174377	57174500	NC_000005.9
cg18890112	1.03E-09	8.56E-11	-6.87	13.632591	-1.56E-01	18367799	18367922	NC_000001.10
cg19742538	1.03E-09	8.57E-11	-6.87	13.6314537	-1.76E-02	1568549	1568672	NC_000011.9
cg01487683	1.03E-09	8.59E-11	-6.87	13.6294638	-1.34E-01	5031084	5031207	NC_000006.11
ch.3.2627042R	1.03E-09	8.59E-11	-6.87	13.628818	-6.44E-02	132360869	132360992	NC_000003.11
cg07161239	1.03E-09	8.59E-11	-6.87	13.6287758	-1.43E-02	155179117	155179240	NC_000001.10
cg17829984	1.03E-09	8.59E-11	-6.87	13.6287035	-4.71E-02	62501480	62501603	NC_000017.10
cg15087401	1.03E-09	8.61E-11	-6.87	13.6271274	-9.25E-02	50100809	50100932	NC_000012.11
cg23391214	1.03E-09	8.61E-11	-6.87	13.626507	-9.29E-02	47292160	47292283	NC_000019.9
cg06323521	1.03E-09	8.64E-11	-6.86	13.623891	-1.02E-01	27710217	27710340	NC_000001.10
cg23344338	1.04E-09	8.64E-11	-6.86	13.6233949	-1.02E-01	151231429	151231552	NC_000004.11
cg00411358	1.04E-09	8.67E-11	-6.86	13.6204664	-1.02E-01	24577142	24577265	NC_000022.10
cg22027399	1.04E-09	8.68E-11	-6.86	13.6188906	-1.02E-01	15217635	15217758	NC_000019.9
cg05372679	1.04E-09	8.68E-11	-6.86	13.61846	-1.28E-01	48064730	48064853	NC_000015.9
cg05903710	1.04E-09	8.69E-11	-6.86	13.6176368	-1.46E-01	27375732	27375855	NC_000016.9
cg09511906	1.04E-09	8.69E-11	-6.86	13.6173398	-2.96E-02	9811467	9811590	NC_000003.11
cg26438846	1.04E-09	8.70E-11	-6.86	13.6171818	-6.60E-02	2731392	2731515	NC_000011.9
cg13119578	1.04E-09	8.71E-11	-6.86	13.616028	-8.94E-02	65196696	65196819	NC_000011.9
cg06319579	1.04E-09	8.72E-11	-6.86	13.6141763	-6.52E-02	8127196	8127319	NC_000017.10
cg03748603	1.05E-09	8.73E-11	-6.86	13.6132217	-1.31E-01	2494443	2494566	NC_000019.9
cg21036162	1.05E-09	8.73E-11	-6.86	13.6129575	-1.36E-01	31649728	31649851	NC_000006.11
cg14160419	1.05E-09	8.74E-11	-6.86	13.6121717	-1.09E-01	40518065	40518188	NC_000004.11
cg07404223	1.05E-09	8.74E-11	-6.86	13.6119622	-1.39E-01	84840564	84840687	NC_000016.9
cg11105980	1.05E-09	8.75E-11	-6.86	13.6114562	-4.91E-02	37393381	37393504	NC_000013.10
cg04860157	1.05E-09	8.75E-11	-6.86	13.6107385	-5.89E-02	36842651	36842774	NC_000006.11

cg18221341	1.05E-09	8.76E-11	-6.86	13.6093736	-1.33E-01	30607830	30607953	NC_000013.10
cg03189821	1.05E-09	8.78E-11	-6.86	13.6077822	-1.61E-01	184908351	184908474	NC_000004.11
cg03030757	1.05E-09	8.78E-11	-6.86	13.6073289	-8.58E-02	35420754	35420877	NC_000006.11
cg16294363	1.05E-09	8.81E-11	-6.86	13.6044024	-1.33E-01	41248881	41249004	NC_000001.10
cg15768020	1.05E-09	8.81E-11	-6.86	13.6041036	-2.22E-02	20369872	20369995	NC_000007.13
cg08524190	1.06E-09	8.82E-11	-6.86	13.6035974	-7.69E-02	128825270	128825393	NC_000003.11
cg08001520	1.06E-09	8.82E-11	-6.86	13.6031986	-5.37E-02	128840660	128840783	NC_000003.11
cg19538115	1.06E-09	8.82E-11	-6.86	13.602739	-1.43E-01	48970893	48971016	NC_000017.10
cg12427321	1.06E-09	8.83E-11	-6.86	13.6023136	-5.82E-02	56943668	56943791	NC_000001.10
cg13284614	1.06E-09	8.83E-11	-6.86	13.6023007	-1.32E-01	52569169	52569292	NC_000003.11
cg22677556	1.06E-09	8.83E-11	-6.86	13.6015076	-1.72E-01	12238390	12238513	NC_000001.10
cg01843189	1.06E-09	8.84E-11	-6.86	13.6014752	-1.54E-01	100612587	100612710	NC_000009.11
cg14494448	1.06E-09	8.84E-11	-6.86	13.6005389	-3.49E-02	48701524	48701647	NC_000003.11
cg25737040	1.06E-09	8.85E-11	-6.86	13.6000025	-1.43E-01	111374205	111374328	NC_000012.11
cg04959298	1.06E-09	8.86E-11	-6.86	13.5987781	-1.46E-01	86430602	86430725	NC_000016.9
cg16039142	1.06E-09	8.86E-11	-6.86	13.5984752	-1.46E-01	38361199	38361322	NC_000007.13
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cg20713492	1.06E-09	8.90E-11	-6.86	13.5946492	-6.36E-02	154293482	154293605	NC_000001.10
cg19979108	1.07E-09	8.91E-11	-6.86	13.5935068	-1.40E-01	171870875	171870998	NC_000005.9
cg22399703	1.07E-09	8.95E-11	-6.86	13.588553	-1.30E-01	19456333	19456456	NC_000002.11
cg17478615	1.07E-09	8.95E-11	-6.86	13.5884148	-4.54E-02	185285364	185285487	NC_000001.10
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cg05727225	1.07E-09	8.98E-11	-6.86	13.5858895	-1.22E-01	10327870	10327993	NC_000011.9
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cg04550103	1.10E-09	9.21E-11	-6.85	13.561108	-1.18E-01	234762281	234762404	NC_000002.11
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cg00057092	1.10E-09	9.22E-11	-6.85	13.5594205	-1.42E-01	37030160	37030283	NC_000015.9
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cg05791411	1.10E-09	9.26E-11	-6.85	13.5555101	-3.97E-02	24165134	24165257	NC_000001.10
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cg25358853	1.11E-09	9.35E-11	-6.85	13.546243	-9.20E-02	46448631	46448754	NC_000003.11
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cg03388266	1.16E-09	9.72E-11	-6.84	13.507369	-1.75E-01	234891489	234891612	NC_000002.11
cg03497652	1.16E-09	9.73E-11	-6.84	13.5070766	-1.95E-01	4751569	4751692	NC_000016.9
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cg02638567	1.16E-09	9.74E-11	-6.84	13.5060886	-1.51E-01	70793147	70793270	NC_000007.13
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cg21250100	1.16E-09	9.77E-11	-6.84	13.5023192	-7.20E-02	41956987	41957110	NC_000022.10
cg03445965	1.16E-09	9.78E-11	-6.84	13.5021398	-1.20E-01	18484373	18484496	NC_000010.10
cg00386586	1.16E-09	9.78E-11	-6.84	13.5019265	-2.10E-01	114917527	114917650	NC_000013.10
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cg16577540	1.17E-09	9.82E-11	-6.84	13.4978312	-6.56E-02	139682757	139682880	NC_000005.9
cg07364676	1.17E-09	9.83E-11	-6.84	13.4970874	-6.44E-02	29137974	29138097	NC_000022.10
cg04339860	1.17E-09	9.83E-11	-6.84	13.4970641	-5.44E-02	69796075	69796198	NC_000016.9
cg05008653	1.17E-09	9.83E-11	-6.84	13.4966678	-6.05E-02	18907974	18908097	NC_000017.10
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cg13105766	1.17E-09	9.89E-11	-6.84	13.4907906	-9.27E-02	3881390	3881513	NC_000004.11
cg14020320	1.17E-09	9.90E-11	-6.84	13.4898831	-1.60E-01	2323851	2323974	NC_000011.9
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cg18649979	1.18E-09	9.92E-11	-6.84	13.4880471	-6.14E-02	21688263	21688386	NC_000019.9
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cg09432154	1.18E-09	9.95E-11	-6.84	13.4847439	-1.22E-01	151034669	151034792	NC_000003.11
cg04607322	1.18E-09	9.97E-11	-6.84	13.4830119	-5.06E-02	180587716	180587839	NC_000005.9
cg11660684	1.18E-09	9.97E-11	-6.84	13.4827508	-5.30E-02	126490277	126490400	NC_000010.10
cg00187614	1.18E-09	9.99E-11	-6.84	13.4810269	-4.81E-02	42500967	42501090	NC_000001.10
cg18327423	1.19E-09	9.99E-11	-6.84	13.4805038	-3.84E-02	3186549	3186672	NC_000011.9
cg03595286	1.19E-09	1.00E-10	-6.84	13.4792751	-4.24E-02	110228216	110228339	NC_000009.11
cg04986591	1.19E-09	1.00E-10	-6.84	13.4786413	-9.97E-02	41723953	41724076	NC_000017.10
cg13567405	1.19E-09	1.00E-10	-6.84	13.4780311	-1.51E-01	94372017	94372140	NC_000011.9
cg26675382	1.19E-09	1.01E-10	-6.84	13.474887	-6.02E-02	150067846	150067969	NC_000006.11
cg24518943	1.19E-09	1.01E-10	-6.84	13.473488	-5.56E-02	71123805	71123928	NC_000006.11
cg03128332	1.19E-09	1.01E-10	-6.84	13.4733169	-7.62E-02	805338	805461	NC_000001.10
cg00420808	1.19E-09	1.01E-10	-6.84	13.4727776	-3.86E-02	33216383	33216506	NC_000006.11
cg04840800	1.19E-09	1.01E-10	-6.84	13.4724017	-1.28E-01	127846739	127846862	NC_000007.13
cg00392914	1.20E-09	1.01E-10	-6.84	13.4716941	-1.95E-02	83841513	83841636	NC_000016.9
cg19544434	1.20E-09	1.01E-10	-6.84	13.4716529	-1.18E-01	129845670	129845793	NC_000010.10
cg04944659	1.20E-09	1.01E-10	-6.84	13.4688027	-9.87E-02	10891531	10891654	NC_000001.10
cg12813709	1.20E-09	1.01E-10	-6.84	13.4687409	-6.18E-02	576467	576590	NC_000011.9
cg21209091	1.20E-09	1.01E-10	-6.84	13.4666185	-6.88E-02	42234975	42235098	NC_000008.10

cg02606058	1.20E-09	1.01E-10	-6.84	13.4663155	-1.54E-01	67195658	67195781	NC_000016.9
cg03955296	1.20E-09	1.01E-10	-6.84	13.4662966	-3.97E-02	157107917	157108040	NC_000001.10
cg22960833	1.20E-09	1.01E-10	-6.84	13.4658584	-8.87E-02	4988763	4988886	NC_000019.9
cg21593676	1.20E-09	1.02E-10	-6.84	13.4652955	-1.12E-01	88142277	88142400	NC_000004.11
cg04405332	1.20E-09	1.02E-10	-6.84	13.4651726	-4.70E-02	167789609	167789732	NC_000001.10
cg22589169	1.20E-09	1.02E-10	-6.84	13.4650952	-1.39E-01	111227891	111228014	NC_000013.10
cg23812679	1.21E-09	1.02E-10	-6.83	13.4592184	-1.35E-01	57985453	57985576	NC_000003.11
ch.10.645342R	1.21E-09	1.02E-10	-6.83	13.4588723	-5.61E-02	24771691	24771814	NC_000010.10
cg24129618	1.21E-09	1.02E-10	-6.83	13.4576498	-4.36E-02	22102425	22102548	NC_000008.10
cg01143454	1.21E-09	1.02E-10	-6.83	13.4575858	-1.44E-01	2795601	2795724	NC_000020.10
cg10987882	1.21E-09	1.02E-10	-6.83	13.4575223	-6.57E-02	3996459	3996582	NC_000020.10
cg15296856	1.21E-09	1.02E-10	-6.83	13.4574304	-1.24E-01	80199608	80199731	NC_000017.10
cg07722368	1.21E-09	1.02E-10	-6.83	13.4570516	-3.60E-02	26554907	26555030	NC_000017.10
cg15172007	1.21E-09	1.02E-10	-6.83	13.4566213	-6.75E-02	43422090	43422213	NC_000006.11
cg24167314	1.21E-09	1.02E-10	-6.83	13.45585	-9.37E-02	103311500	103311623	NC_000012.11
cg04017276	1.22E-09	1.03E-10	-6.83	13.4543388	-1.71E-01	44577135	44577258	NC_000022.10
cg17449759	1.22E-09	1.03E-10	-6.83	13.4542311	-1.54E-01	168466986	168467109	NC_000001.10
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cg14931118	1.22E-09	1.03E-10	-6.83	13.4539572	-1.61E-01	213228956	213229079	NC_000002.11
cg15274171	1.22E-09	1.03E-10	-6.83	13.4528197	-1.21E-01	35755964	35756087	NC_000021.8
cg14370520	1.22E-09	1.03E-10	-6.83	13.4526471	-1.68E-01	30891837	30891960	NC_000007.13
cg10678427	1.22E-09	1.03E-10	-6.83	13.4503197	-9.41E-02	127176163	127176286	NC_000003.11
cg19870978	1.22E-09	1.03E-10	-6.83	13.4492252	-6.77E-02	137673245	137673368	NC_000005.9
cg16739178	1.22E-09	1.03E-10	-6.83	13.4478481	-9.39E-02	85470674	85470797	NC_000016.9
cg14398883	1.22E-09	1.03E-10	-6.83	13.447202	-8.40E-02	101398184	101398307	NC_000007.13

cg01754756	1.22E-09	1.03E-10	-6.83	13.4466415	-1.29E-01	88728078	88728201	NC_000010.10
cg01413632	1.23E-09	1.04E-10	-6.83	13.4459723	-1.23E-01	76078445	76078568	NC_000012.11
cg08466034	1.23E-09	1.04E-10	-6.83	13.4440868	-2.05E-01	16318930	16319053	NC_000017.10
cg18776616	1.23E-09	1.04E-10	-6.83	13.4438552	-1.47E-01	72235645	72235768	NC_000010.10
cg19134665	1.23E-09	1.04E-10	-6.83	13.4438145	-4.16E-02	91072801	91072924	NC_000015.9
cg04870732	1.23E-09	1.04E-10	-6.83	13.4437596	-1.12E-01	123754732	123754855	NC_000011.9
cg25854162	1.23E-09	1.04E-10	-6.83	13.4437543	-8.33E-02	217497617	217497740	NC_000002.11
cg04844987	1.23E-09	1.04E-10	-6.83	13.4434043	-1.35E-01	114136053	114136176	NC_000010.10
cg11113931	1.23E-09	1.04E-10	-6.83	13.4426419	-9.33E-02	40730338	40730461	NC_000015.9
cg19227924	1.23E-09	1.04E-10	-6.83	13.4424871	-9.71E-02	28565709	28565832	NC_000017.10
cg02887530	1.23E-09	1.04E-10	-6.83	13.4413203	-9.49E-02	1609383	1609506	NC_000010.10
cg01787445	1.23E-09	1.04E-10	-6.83	13.4405622	-1.12E-01	130344243	130344366	NC_000002.11
cg26166595	1.23E-09	1.04E-10	-6.83	13.4390222	-9.51E-02	11998715	11998838	NC_000011.9
cg08187585	1.23E-09	1.04E-10	-6.83	13.4389388	-1.20E-01	105393182	105393305	NC_000014.8
cg08530064	1.24E-09	1.04E-10	-6.83	13.4372749	-9.23E-02	150598393	150598516	NC_000007.13
cg05520031	1.24E-09	1.04E-10	-6.83	13.4369368	-7.23E-02	129262012	129262135	NC_000009.11
cg17009836	1.24E-09	1.05E-10	-6.83	13.4359394	-9.42E-02	49529007	49529130	NC_000019.9
cg17592120	1.24E-09	1.05E-10	-6.83	13.4344767	-4.19E-02	43920261	43920384	NC_000001.10
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cg08181534	1.24E-09	1.05E-10	-6.83	13.4331425	-3.53E-02	56186883	56187006	NC_000019.9
cg23293329	1.24E-09	1.05E-10	-6.83	13.4315461	-2.00E-02	8079962	8080085	NC_000017.10
cg08128274	1.24E-09	1.05E-10	-6.83	13.4311615	-2.04E-01	206832043	206832166	NC_000001.10
cg01587198	1.24E-09	1.05E-10	-6.83	13.4310146	-3.86E-02	17193765	17193888	NC_000011.9
cg24088250	1.25E-09	1.05E-10	-6.83	13.4282477	-8.17E-02	75252179	75252302	NC_000017.10
cg19373099	1.25E-09	1.05E-10	-6.83	13.4276849	-1.37E-01	210008092	210008215	NC_000002.11

cg01597172	1.25E-09	1.05E-10	-6.83	13.427671	-4.41E-02	130497263	130497386	NC_000009.11
cg02447462	1.25E-09	1.06E-10	-6.83	13.4272686	-1.43E-01	861071	861194	NC_000019.9
cg07186765	1.25E-09	1.06E-10	-6.83	13.4247945	-9.42E-02	30633504	30633627	NC_000007.13
cg24806126	1.25E-09	1.06E-10	-6.83	13.4246718	-5.26E-02	14581620	14581743	NC_000005.9
cg12026858	1.25E-09	1.06E-10	-6.83	13.4243211	-1.52E-01	114067446	114067569	NC_000011.9
cg12378001	1.25E-09	1.06E-10	-6.83	13.4239947	-8.28E-02	24818413	24818536	NC_000007.13
cg05583240	1.25E-09	1.06E-10	-6.83	13.4230426	-1.11E-01	105477579	105477702	NC_000012.11
cg00163372	1.25E-09	1.06E-10	-6.83	13.4226431	-2.10E-01	128752988	128753111	NC_000008.10
cg26404568	1.25E-09	1.06E-10	-6.83	13.4219288	-1.64E-02	12882848	12882971	NC_000003.11
cg22690558	1.26E-09	1.06E-10	-6.83	13.4202068	-1.46E-01	29715218	29715341	NC_000012.11
cg12689055	1.26E-09	1.06E-10	-6.83	13.4190174	-8.91E-02	53541670	53541793	NC_000001.10
cg09415832	1.26E-09	1.06E-10	-6.83	13.4187956	-2.96E-02	33422185	33422308	NC_000006.11
cg09474010	1.26E-09	1.06E-10	-6.83	13.4185544	-9.63E-02	26405517	26405640	NC_000001.10
cg24579422	1.26E-09	1.07E-10	-6.83	13.4167655	-1.21E-01	134183359	134183482	NC_000008.10
cg02680669	1.26E-09	1.07E-10	-6.83	13.415591	-1.21E-01	40181105	40181228	NC_000008.10
cg23785719	1.26E-09	1.07E-10	-6.83	13.4149444	-6.32E-02	43622659	43622782	NC_000007.13
cg22114840	1.26E-09	1.07E-10	-6.83	13.4144585	-7.40E-02	1750212	1750335	NC_000019.9
cg10583942	1.26E-09	1.07E-10	-6.83	13.4132693	-1.20E-01	1142892	1143015	NC_000001.10
cg09288780	1.26E-09	1.07E-10	-6.83	13.4123429	-4.61E-02	10413394	10413517	NC_000006.11
cg04536765	1.27E-09	1.07E-10	-6.83	13.4100954	-7.99E-02	31621761	31621884	NC_000006.11
cg20192997	1.27E-09	1.07E-10	-6.83	13.4094536	-8.87E-02	117696015	117696138	NC_000011.9
cg00981877	1.27E-09	1.07E-10	-6.83	13.40934	-4.38E-02	50366841	50366964	NC_000020.10
cg12936747	1.27E-09	1.08E-10	-6.83	13.4087207	-6.19E-02	95361386	95361509	NC_000010.10
cg02639435	1.27E-09	1.08E-10	-6.83	13.4058908	-1.86E-01	13534679	13534802	NC_000010.10
cg23571433	1.27E-09	1.08E-10	-6.83	13.4050931	-6.97E-02	85980782	85980905	NC_000002.11



cg09232555	1.27E-09	1.08E-10	-6.82	13.4048517	-2.19E-01	11619866	11619989	NC_000008.10
ch.22.734399R	1.27E-09	1.08E-10	-6.82	13.4044128	-6.49E-02	41522682	41522805	NC_000022.10
cg16254190	1.28E-09	1.08E-10	-6.82	13.4038407	-1.22E-01	16483694	16483817	NC_000001.10
cg23372216	1.28E-09	1.08E-10	-6.82	13.4029266	-9.01E-02	76518340	76518463	NC_000011.9
cg21210409	1.28E-09	1.08E-10	-6.82	13.4015102	-1.21E-01	140015868	140015991	NC_000007.13
cg17580261	1.28E-09	1.08E-10	-6.82	13.4014862	-1.09E-01	76998501	76998624	NC_000011.9
cg00327437	1.28E-09	1.08E-10	-6.82	13.4010637	-7.71E-02	64578227	64578350	NC_000001.10
cg26575914	1.28E-09	1.08E-10	-6.82	13.400917	-8.49E-02	228397977	228398100	NC_000001.10
cg03961030	1.28E-09	1.09E-10	-6.82	13.3993714	-1.47E-01	6333796	6333919	NC_000001.10
cg00907549	1.28E-09	1.09E-10	-6.82	13.3984897	-6.01E-02	236768366	236768489	NC_000001.10
ch.3.52262431R	1.28E-09	1.09E-10	-6.82	13.3964319	-2.67E-02	52287391	52287514	NC_000003.11
cg06094126	1.28E-09	1.09E-10	-6.82	13.3959046	-9.28E-02	17025723	17025846	NC_000001.10
cg14278300	1.29E-09	1.09E-10	-6.82	13.3957001	-1.07E-01	167486978	167487101	NC_000001.10
cg07807695	1.29E-09	1.09E-10	-6.82	13.3956516	-1.46E-01	81608485	81608608	NC_000005.9
cg14376625	1.29E-09	1.09E-10	-6.82	13.3946018	-8.03E-02	111736686	111736809	NC_000012.11
cg24766429	1.29E-09	1.09E-10	-6.82	13.3925622	-3.85E-02	30043037	30043160	NC_000006.11
cg04897892	1.29E-09	1.10E-10	-6.82	13.3905016	-1.73E-01	81564314	81564437	NC_000016.9
cg04929355	1.29E-09	1.10E-10	-6.82	13.3895171	-1.56E-01	112034997	112035120	NC_000011.9
cg01606027	1.29E-09	1.10E-10	-6.82	13.389347	-1.52E-01	31607212	31607335	NC_000022.10
cg01934408	1.29E-09	1.10E-10	-6.82	13.3888032	-7.91E-02	6085799	6085922	NC_000001.10
cg24730705	1.29E-09	1.10E-10	-6.82	13.3887269	-1.35E-01	119496382	119496505	NC_000010.10
cg08736225	1.29E-09	1.10E-10	-6.82	13.3886856	-1.16E-01	18654908	18655031	NC_000002.11
cg21845580	1.29E-09	1.10E-10	-6.82	13.3878333	-2.95E-02	53472882	53473005	NC_000012.11
cg01320048	1.30E-09	1.10E-10	-6.82	13.3858401	-8.57E-02	115999405	115999528	NC_000010.10
cg10110376	1.30E-09	1.10E-10	-6.82	13.3851564	-8.20E-02	85454585	85454708	NC_000016.9

cg08159663	1.30E-09	1.10E-10	-6.82	13.3836503	-1.36E-01	57022486	57022609	NC_000016.9
cg02607319	1.30E-09	1.10E-10	-6.82	13.3819913	-1.19E-01	45002112	45002235	NC_000007.13
cg23243902	1.30E-09	1.11E-10	-6.82	13.3810741	-4.12E-02	117049849	117049972	NC_000011.9
cg24100506	1.30E-09	1.11E-10	-6.82	13.3810192	-4.07E-02	44903551	44903674	NC_000003.11
cg21959316	1.30E-09	1.11E-10	-6.82	13.3803585	-5.89E-02	85040158	85040281	NC_000001.10
cg25937577	1.31E-09	1.11E-10	-6.82	13.3787776	-1.46E-01	31536476	31536599	NC_000022.10
cg12974223	1.31E-09	1.11E-10	-6.82	13.3781691	-7.68E-02	51925684	51925807	NC_000012.11
cg05224707	1.31E-09	1.11E-10	-6.82	13.3778529	-4.75E-02	171881549	171881672	NC_000005.9
cg02560081	1.31E-09	1.11E-10	-6.82	13.3772452	-1.42E-01	842128	842251	NC_000007.13
cg05190096	1.31E-09	1.11E-10	-6.82	13.377231	-4.29E-02	461515	461638	NC_000019.9
cg21144988	1.31E-09	1.11E-10	-6.82	13.3770007	-1.45E-01	186086650	186086773	NC_000004.11
cg25853622	1.31E-09	1.11E-10	-6.82	13.3767473	-1.58E-01	188425256	188425379	NC_000003.11
cg13786666	1.31E-09	1.11E-10	-6.82	13.3761319	-4.75E-02	86536028	86536151	NC_000009.11
cg13804461	1.31E-09	1.11E-10	-6.82	13.3751879	-7.26E-02	93351847	93351970	NC_000015.9
cg13481335	1.31E-09	1.11E-10	-6.82	13.374271	-3.38E-02	90864902	90865025	NC_000014.8
cg02535674	1.31E-09	1.11E-10	-6.82	13.3742622	-2.06E-01	52226352	52226475	NC_000020.10
cg03733207	1.31E-09	1.11E-10	-6.82	13.3741633	-1.60E-01	36932553	36932676	NC_000020.10
cg00727912	1.31E-09	1.11E-10	-6.82	13.3734089	-8.10E-02	61583736	61583859	NC_000020.10
cg07170045	1.31E-09	1.12E-10	-6.82	13.3728357	-8.78E-02	21905960	21906083	NC_000008.10
cg17552116	1.31E-09	1.12E-10	-6.82	13.3726366	-1.42E-01	126721513	126721636	NC_000003.11
ch.3.2364134R	1.31E-09	1.12E-10	-6.82	13.3715829	-4.82E-02	121191813	121191936	NC_000003.11
cg08806622	1.32E-09	1.12E-10	-6.82	13.370951	-5.19E-02	27279525	27279648	NC_000017.10
cg02423080	1.32E-09	1.12E-10	-6.82	13.3707849	-1.27E-01	149423471	149423594	NC_000005.9
cg06850099	1.32E-09	1.12E-10	-6.82	13.3706834	-1.42E-01	183070351	183070474	NC_000001.10
cg02149880	1.32E-09	1.12E-10	-6.82	13.3692372	-3.50E-02	216878419	216878542	NC_000002.11

cg24299389	1.32E-09	1.12E-10	-6.82	13.3669953	-7.82E-02	51670552	51670675	NC_000019.9
cg20836412	1.32E-09	1.12E-10	-6.82	13.3659439	-1.02E-01	82543285	82543408	NC_000008.10
ch.1.3897073R	1.32E-09	1.12E-10	-6.82	13.3657529	-1.54E-02	201780598	201780721	NC_000001.10
cg14409104	1.32E-09	1.12E-10	-6.82	13.3653652	-1.36E-01	129126793	129126916	NC_000009.11
cg04208928	1.32E-09	1.12E-10	-6.82	13.3652383	-1.58E-01	226498038	226498161	NC_000001.10
cg12931707	1.32E-09	1.13E-10	-6.82	13.3633455	-1.23E-01	115527443	115527566	NC_000004.11
cg19635188	1.33E-09	1.13E-10	-6.82	13.3627941	-8.13E-02	44004546	44004669	NC_000014.8
cg15835747	1.33E-09	1.13E-10	-6.82	13.3620005	-1.33E-01	143523387	143523510	NC_000008.10
cg07219425	1.33E-09	1.13E-10	-6.82	13.3614356	-1.12E-01	177482829	177482952	NC_000005.9
cg14712964	1.33E-09	1.13E-10	-6.82	13.3609306	-3.30E-02	9773672	9773795	NC_000003.11
cg02263999	1.33E-09	1.13E-10	-6.82	13.3592709	-5.59E-02	66994432	66994555	NC_000015.9
cg24298696	1.33E-09	1.13E-10	-6.82	13.357954	-1.33E-01	3210424	3210547	NC_000001.10
cg13724827	1.33E-09	1.13E-10	-6.82	13.35747	-5.96E-02	126030353	126030476	NC_000009.11
cg06521247	1.33E-09	1.13E-10	-6.82	13.3573887	-1.62E-01	3209787	3209910	NC_000001.10
cg16349616	1.33E-09	1.13E-10	-6.82	13.3572394	-1.49E-01	159195472	159195595	NC_000006.11
cg13273236	1.33E-09	1.13E-10	-6.82	13.356603	-9.53E-02	31250765	31250888	NC_000006.11
cg17533477	1.33E-09	1.13E-10	-6.82	13.3557498	-8.88E-02	97501010	97501133	NC_000007.13
cg00332745	1.33E-09	1.14E-10	-6.82	13.3554731	-1.13E-01	67208247	67208370	NC_000016.9
cg24813588	1.34E-09	1.14E-10	-6.82	13.3528914	-1.08E-01	62606499	62606622	NC_000020.10
cg02736280	1.34E-09	1.14E-10	-6.82	13.3528668	-8.48E-02	1633745	1633868	NC_000017.10
cg05845030	1.34E-09	1.14E-10	-6.82	13.3517105	-9.78E-02	91573247	91573370	NC_000012.11
ch.17.1009718F	1.34E-09	1.14E-10	-6.82	13.3513979	-1.78E-02	37656220	37656343	NC_000017.10
cg09938664	1.34E-09	1.14E-10	-6.82	13.3507409	-1.33E-01	119662882	119663005	NC_000011.9
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cg26840755	1.34E-09	1.14E-10	-6.82	13.3498538	-1.51E-01	65197776	65197899	NC_000011.9

cg24506434	1.34E-09	1.14E-10	-6.81	13.3495143	-1.05E-01	49656920	49657043	NC_000010.10
cg17146111	1.34E-09	1.14E-10	-6.81	13.3487782	-6.25E-02	52870497	52870620	NC_000001.10
cg05061804	1.34E-09	1.14E-10	-6.81	13.3475512	-7.05E-02	135282417	135282540	NC_000009.11
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cg26425045	1.35E-09	1.15E-10	-6.81	13.3460908	-8.31E-02	36813278	36813401	NC_000010.10
cg02329193	1.35E-09	1.15E-10	-6.81	13.3439054	-1.42E-01	29196472	29196595	NC_000016.9
cg06986263	1.35E-09	1.15E-10	-6.81	13.3399103	-1.14E-01	42609124	42609247	NC_000001.10
cg21661347	1.36E-09	1.15E-10	-6.81	13.3391918	-6.10E-02	8674237	8674360	NC_000019.9
cg03394122	1.36E-09	1.16E-10	-6.81	13.3367766	-8.09E-02	17307678	17307801	NC_000001.10
cg15319824	1.36E-09	1.16E-10	-6.81	13.3367027	-1.87E-01	3160974	3161097	NC_000010.10
cg01703329	1.36E-09	1.16E-10	-6.81	13.336606	-8.55E-02	3859977	3860100	NC_000017.10
cg15010372	1.36E-09	1.16E-10	-6.81	13.33639	-1.38E-01	175832735	175832858	NC_000001.10
cg24103018	1.36E-09	1.16E-10	-6.81	13.3358479	-1.65E-02	17420930	17421053	NC_000019.9
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cg12558347	1.36E-09	1.16E-10	-6.81	13.3339139	-1.45E-01	131724271	131724394	NC_000005.9
cg06456389	1.36E-09	1.16E-10	-6.81	13.3337077	-4.09E-02	99052468	99052591	NC_000010.10
cg21126306	1.36E-09	1.16E-10	-6.81	13.3331451	-5.64E-02	80342724	80342847	NC_000007.13
cg06800222	1.36E-09	1.16E-10	-6.81	13.331726	-1.29E-01	10195469	10195592	NC_000017.10
cg17030820	1.37E-09	1.16E-10	-6.81	13.3301402	-1.66E-01	51549260	51549383	NC_000010.10
cg18542377	1.37E-09	1.17E-10	-6.81	13.3296287	-4.34E-02	4172961	4173084	NC_000019.9
cg20697630	1.37E-09	1.17E-10	-6.81	13.329553	-4.94E-02	20960374	20960497	NC_000001.10
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cg11600991	1.37E-09	1.17E-10	-6.81	13.3261538	-1.17E-01	966196	966319	NC_000007.13

cg24311373	1.37E-09	1.17E-10	-6.81	13.325644	-5.23E-02	51203304	51203427	NC_000015.9
cg21383652	1.37E-09	1.17E-10	-6.81	13.3254604	-4.15E-02	45401397	45401520	NC_000017.10
cg19455142	1.37E-09	1.17E-10	-6.81	13.3251211	-2.03E-02	40336161	40336284	NC_000017.10
cg04127455	1.37E-09	1.17E-10	-6.81	13.3248593	-1.00E-01	156572731	156572854	NC_000001.10
cg06434454	1.38E-09	1.17E-10	-6.81	13.3231688	-1.93E-01	5146320	5146443	NC_000005.9
cg04386614	1.38E-09	1.17E-10	-6.81	13.3229391	-9.79E-02	126364460	126364583	NC_000007.13
cg12409547	1.38E-09	1.18E-10	-6.81	13.3209358	-9.17E-02	22222815	22222938	NC_000001.10
cg05094429	1.38E-09	1.18E-10	-6.81	13.319698	-1.64E-01	167536184	167536307	NC_000006.11
cg09436871	1.38E-09	1.18E-10	-6.81	13.3196952	-3.85E-02	19321130	19321253	NC_000018.9
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cg26144734	1.39E-09	1.18E-10	-6.81	13.3159055	-1.28E-01	31898033	31898156	NC_000015.9
cg02709068	1.39E-09	1.18E-10	-6.81	13.3158762	-9.25E-02	42016844	42016967	NC_000007.13
cg04077141	1.39E-09	1.18E-10	-6.81	13.3152128	-3.62E-02	36782143	36782266	NC_000022.10
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cg27434233	1.39E-09	1.18E-10	-6.81	13.3150395	-1.16E-01	89786188	89786311	NC_000015.9
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cg21848084	1.39E-09	1.18E-10	-6.81	13.3137884	-1.15E-01	3264381	3264504	NC_000001.10
cg13281195	1.39E-09	1.18E-10	-6.81	13.313707	-9.80E-02	121529622	121529745	NC_000002.11
cg05701418	1.39E-09	1.19E-10	-6.81	13.313138	-9.94E-02	30131361	30131484	NC_000006.11
cg12113101	1.39E-09	1.19E-10	-6.81	13.3128321	-7.20E-02	175173	175296	NC_000012.11
cg21972382	1.39E-09	1.19E-10	-6.81	13.312583	-1.31E-01	29339076	29339199	NC_000002.11
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cg16931068	1.39E-09	1.19E-10	-6.81	13.3108166	-9.11E-02	139680	139803	NC_000020.10
cg10727759	1.39E-09	1.19E-10	-6.81	13.3106874	-2.71E-02	50017361	50017484	NC_000012.11

cg11814087	1.39E-09	1.19E-10	-6.81	13.3102241	-1.57E-01	32391135	32391258	NC_000005.9
cg27114782	1.39E-09	1.19E-10	-6.81	13.3101767	-1.16E-01	109274496	109274619	NC_000006.11
cg22075924	1.39E-09	1.19E-10	-6.81	13.3087087	-1.25E-01	78005352	78005475	NC_000001.10
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cg12126706	1.40E-09	1.19E-10	-6.81	13.3068287	-1.47E-01	156889128	156889251	NC_000001.10
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cg23677000	1.40E-09	1.19E-10	-6.81	13.3053675	-8.70E-02	35773317	35773440	NC_000019.9
cg16204524	1.40E-09	1.20E-10	-6.81	13.3047607	-1.16E-01	26565759	26565882	NC_000002.11
ch.21.27853252F	1.40E-09	1.20E-10	-6.81	13.3046905	-5.59E-02	28931381	28931504	NC_000021.8
cg26724949	1.40E-09	1.20E-10	-6.81	13.3045482	-6.72E-02	86610230	86610353	NC_000016.9
cg25149396	1.40E-09	1.20E-10	-6.81	13.3044013	-6.16E-02	184943512	184943635	NC_000001.10
cg05616589	1.40E-09	1.20E-10	-6.81	13.3040874	-1.24E-01	55298362	55298485	NC_000006.11
cg08459746	1.40E-09	1.20E-10	-6.81	13.3039218	-1.34E-01	1347277	1347400	NC_000006.11
cg18922620	1.40E-09	1.20E-10	-6.81	13.3017813	-1.32E-01	25357368	25357491	NC_000010.10
cg08456130	1.41E-09	1.20E-10	-6.81	13.3009659	-6.14E-02	151773385	151773508	NC_000006.11
cg26860182	1.41E-09	1.20E-10	-6.81	13.2995257	-1.12E-01	133066054	133066177	NC_000012.11
cg12711059	1.41E-09	1.20E-10	-6.81	13.2991807	-1.41E-01	29415366	29415489	NC_000015.9
cg00306112	1.41E-09	1.20E-10	-6.81	13.2987591	-9.39E-02	219773416	219773539	NC_000002.11
cg23598010	1.41E-09	1.20E-10	-6.81	13.2983716	-1.24E-01	88601809	88601932	NC_000012.11
cg18595542	1.41E-09	1.21E-10	-6.81	13.2965695	-5.98E-02	77770301	77770424	NC_000017.10

cg23994303	1.41E-09	1.21E-10	-6.81	13.2964691	-5.20E-02	37025274	37025397	NC_000017.10
cg12136387	1.41E-09	1.21E-10	-6.81	13.2960408	-1.47E-01	116820108	116820231	NC_000012.11
cg27340723	1.41E-09	1.21E-10	-6.81	13.2959311	-1.41E-01	4061608	4061731	NC_000016.9
cg02448597	1.41E-09	1.21E-10	-6.81	13.2958502	-1.94E-01	32160605	32160728	NC_000006.11
cg14032950	1.41E-09	1.21E-10	-6.81	13.2953565	-1.32E-01	63458312	63458435	NC_000015.9
cg20438951	1.41E-09	1.21E-10	-6.81	13.2946379	-4.29E-02	12035877	12036000	NC_000019.9
cg08234927	1.41E-09	1.21E-10	-6.8	13.293826	-2.96E-02	104155285	104155408	NC_000010.10
cg16986748	1.41E-09	1.21E-10	-6.8	13.2937287	-6.63E-02	154971109	154971232	NC_000001.10
cg19888654	1.42E-09	1.21E-10	-6.8	13.2923578	-9.37E-02	28929168	28929291	NC_000008.10
cg12565636	1.42E-09	1.21E-10	-6.8	13.2922427	-1.31E-01	39797497	39797620	NC_000008.10
cg07827008	1.42E-09	1.21E-10	-6.8	13.2921385	-5.79E-02	133338719	133338842	NC_000012.11
cg19132069	1.42E-09	1.21E-10	-6.8	13.2920375	-9.76E-02	124631666	124631789	NC_000011.9
cg02310562	1.42E-09	1.21E-10	-6.8	13.290613	-3.60E-02	117348663	117348786	NC_000012.11
cg20892919	1.42E-09	1.22E-10	-6.8	13.2871317	-1.47E-01	65927379	65927502	NC_000012.11
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cg01471036	1.43E-09	1.22E-10	-6.8	13.2853074	-1.22E-01	19648972	19649095	NC_000017.10
cg17810944	1.43E-09	1.22E-10	-6.8	13.2845509	-1.26E-01	42876091	42876214	NC_000020.10
cg02204205	1.43E-09	1.22E-10	-6.8	13.2820572	-5.15E-02	50861487	50861610	NC_000007.13
cg07427475	1.43E-09	1.22E-10	-6.8	13.2820365	-1.86E-01	145008110	145008233	NC_000008.10
cg15273468	1.43E-09	1.22E-10	-6.8	13.2818215	-1.34E-01	94459665	94459788	NC_000010.10
cg01820962	1.43E-09	1.22E-10	-6.8	13.2812613	-1.46E-01	116511817	116511940	NC_000006.11
cg10048961	1.43E-09	1.23E-10	-6.8	13.2806863	-5.29E-02	123459168	123459291	NC_000012.11
cg02491912	1.43E-09	1.23E-10	-6.8	13.2802459	-3.87E-02	74809091	74809214	NC_000016.9
cg16105594	1.43E-09	1.23E-10	-6.8	13.2796331	-5.75E-02	88180095	88180218	NC_000005.9
cg14284211	1.44E-09	1.23E-10	-6.8	13.2778297	-1.17E-01	35570224	35570347	NC_000006.11

cg01569709	1.44E-09	1.23E-10	-6.8	13.2770104	-1.84E-01	81894271	81894394	NC_000014.8
cg05139523	1.44E-09	1.23E-10	-6.8	13.2743683	-1.47E-01	43435091	43435214	NC_000020.10
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cg07021288	1.45E-09	1.24E-10	-6.8	13.2691274	-1.41E-01	13197399	13197522	NC_000020.10
cg20328456	1.45E-09	1.24E-10	-6.8	13.2690934	-1.08E-01	32121113	32121236	NC_000006.11
cg09287328	1.45E-09	1.24E-10	-6.8	13.2687553	-1.63E-01	134231487	134231610	NC_000010.10
cg25599924	1.45E-09	1.24E-10	-6.8	13.2685368	-1.33E-01	8396056	8396179	NC_000004.11
cg18849799	1.45E-09	1.24E-10	-6.8	13.267602	-4.68E-02	9929547	9929670	NC_000019.9
cg17121541	1.45E-09	1.24E-10	-6.8	13.2674039	-3.92E-02	38714738	38714861	NC_000019.9
cg02612971	1.45E-09	1.24E-10	-6.8	13.2668146	-9.35E-02	24190721	24190844	NC_000022.10
cg04941630	1.45E-09	1.24E-10	-6.8	13.2667834	-4.02E-02	54962001	54962124	NC_000016.9
cg07696006	1.45E-09	1.24E-10	-6.8	13.2663228	-1.08E-01	74528563	74528686	NC_000015.9
cg18909389	1.46E-09	1.25E-10	-6.8	13.263711	-1.30E-01	31701110	31701233	NC_000006.11
cg22783363	1.46E-09	1.25E-10	-6.8	13.2583454	-3.62E-02	23021553	23021676	NC_000008.10
cg14989977	1.47E-09	1.26E-10	-6.8	13.2560389	-1.04E-01	71555947	71556070	NC_000001.10
cg09180877	1.47E-09	1.26E-10	-6.8	13.2527402	-1.21E-01	30962306	30962429	NC_000022.10
cg07679322	1.47E-09	1.26E-10	-6.8	13.2522035	-1.35E-01	121503164	121503287	NC_000010.10
cg18447740	1.47E-09	1.26E-10	-6.8	13.2512409	-1.12E-01	54604187	54604310	NC_000019.9
cg04377525	1.48E-09	1.26E-10	-6.8	13.2498298	-3.82E-02	2977344	2977467	NC_000019.9
cg21789008	1.48E-09	1.27E-10	-6.8	13.2490529	-1.24E-01	118764818	118764941	NC_000008.10
cg15484899	1.48E-09	1.27E-10	-6.8	13.2471935	-4.78E-02	73977283	73977406	NC_000015.9
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cg06949673	1.48E-09	1.27E-10	-6.8	13.2465873	-1.33E-01	56463319	56463442	NC_000001.10



cg07695625	1.48E-09	1.27E-10	-6.8	13.2464777	-5.61E-02	133136339	133136462	NC_000006.11
cg05992368	1.48E-09	1.27E-10	-6.8	13.2439854	-7.88E-02	1572755	1572878	NC_000017.10
cg05963136	1.48E-09	1.27E-10	-6.8	13.2436494	-1.15E-01	46628137	46628260	NC_000019.9
cg26942829	1.49E-09	1.27E-10	-6.8	13.2419683	-1.61E-01	13408158	13408281	NC_000006.11
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cg16663033	1.49E-09	1.28E-10	-6.8	13.2400781	-1.33E-01	15272108	15272231	NC_000001.10
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cg26277730	1.49E-09	1.28E-10	-6.79	13.2387978	-3.53E-02	60988085	60988208	NC_000018.9
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cg21100328	1.49E-09	1.28E-10	-6.79	13.2375276	-1.38E-01	46713446	46713569	NC_000019.9
cg05919456	1.49E-09	1.28E-10	-6.79	13.2370059	-1.63E-01	3722818	3722941	NC_000006.11
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cg03425468	1.50E-09	1.29E-10	-6.79	13.2307137	-4.75E-02	155164676	155164799	NC_000001.10
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cg25330264	1.51E-09	1.29E-10	-6.79	13.2272097	-9.70E-02	4806949	4807072	NC_000007.13
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cg26399778	1.51E-09	1.30E-10	-6.79	13.2257342	-3.01E-02	145316212	145316335	NC_000005.9
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cg14511156	1.51E-09	1.30E-10	-6.79	13.2237424	-1.05E-01	54604124	54604247	NC_000019.9

cg22160735	1.51E-09	1.30E-10	-6.79	13.2233541	-1.25E-01	40673466	40673589	NC_000017.10
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cg11927233	1.52E-09	1.30E-10	-6.79	13.2215618	-1.16E-01	170816542	170816665	NC_000005.9
cg10731020	1.52E-09	1.30E-10	-6.79	13.2213396	-1.38E-01	34496374	34496497	NC_000010.10
cg13589318	1.52E-09	1.30E-10	-6.79	13.221129	-2.67E-02	132176355	132176478	NC_000009.11
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cg02144516	1.52E-09	1.30E-10	-6.79	13.2209366	-1.10E-01	1311909	1312032	NC_000001.10
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cg07240000	1.53E-09	1.31E-10	-6.79	13.2138294	-6.91E-02	17878538	17878661	NC_000001.10
cg00812236	1.53E-09	1.31E-10	-6.79	13.2130867	-1.20E-01	2210434	2210557	NC_000016.9
cg09470732	1.53E-09	1.31E-10	-6.79	13.2129277	-3.84E-02	65357786	65357909	NC_000002.11
cg05818605	1.53E-09	1.31E-10	-6.79	13.2113975	-1.52E-01	30768346	30768469	NC_000007.13

cg25135322	1.53E-09	1.32E-10	-6.79	13.210106	-7.19E-02	67350153	67350276	NC_000011.9
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cg14944398	1.53E-09	1.32E-10	-6.79	13.2078067	-1.18E-01	7218709	7218832	NC_000007.13
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cg00525011	1.54E-09	1.32E-10	-6.79	13.2070844	-7.87E-02	122031	122154	NC_000016.9
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cg04093047	1.54E-09	1.33E-10	-6.79	13.2029311	-5.10E-02	32827707	32827830	NC_000001.10
cg22988851	1.54E-09	1.33E-10	-6.79	13.2020136	-8.81E-02	41752483	41752606	NC_000003.11
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cg25613180	1.55E-09	1.33E-10	-6.79	13.1986169	-1.12E-01	149513303	149513426	NC_000005.9
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cg00801568	1.58E-09	1.36E-10	-6.78	13.1791609	-5.86E-02	66649150	66649273	NC_000015.9
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cg08241360	1.58E-09	1.36E-10	-6.78	13.175959	-1.06E-01	129244738	129244861	NC_000009.11
cg13927251	1.58E-09	1.36E-10	-6.78	13.1750837	-7.29E-02	180077359	180077482	NC_000005.9
cg08265392	1.58E-09	1.37E-10	-6.78	13.1740366	-1.50E-01	151290088	151290211	NC_000007.13
cg00490976	1.59E-09	1.37E-10	-6.78	13.1736585	-1.69E-01	194034055	194034178	NC_000003.11
cg13617376	1.59E-09	1.37E-10	-6.78	13.1718983	-1.45E-01	101544999	101545122	NC_000010.10
cg21522254	1.59E-09	1.37E-10	-6.78	13.1702528	-1.48E-02	27175280	27175403	NC_000012.11
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cg10096873	1.59E-09	1.37E-10	-6.78	13.1682993	-4.98E-02	92546470	92546593	NC_000001.10

cg00297432	1.60E-09	1.38E-10	-6.78	13.1659835	-5.90E-02	6484784	6484907	NC_000001.10
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cg13234544	1.60E-09	1.38E-10	-6.78	13.1649532	-5.92E-02	76911877	76912000	NC_000007.13
cg20063095	1.60E-09	1.38E-10	-6.78	13.1640465	-1.32E-01	134977141	134977264	NC_000002.11
cg25117091	1.60E-09	1.38E-10	-6.78	13.1636002	-1.07E-01	40518143	40518266	NC_000004.11
cg09141413	1.60E-09	1.38E-10	-6.78	13.1624583	-7.18E-02	19896246	19896369	NC_000016.9
cg24088438	1.60E-09	1.38E-10	-6.78	13.1624505	-1.58E-01	63974229	63974352	NC_000011.9
ch.1.2975077F	1.60E-09	1.38E-10	-6.78	13.1618246	-2.41E-02	153799869	153799992	NC_000001.10
cg27110491	1.60E-09	1.38E-10	-6.78	13.1612576	-1.40E-01	48132109	48132232	NC_000007.13
cg23771929	1.60E-09	1.38E-10	-6.78	13.1610391	-7.48E-02	132934195	132934318	NC_000009.11
cg00845862	1.61E-09	1.39E-10	-6.78	13.1600882	-2.99E-02	30035234	30035357	NC_000006.11
cg05929469	1.61E-09	1.39E-10	-6.78	13.1598759	-1.99E-02	75135815	75135938	NC_000015.9
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cg27610561	1.61E-09	1.39E-10	-6.78	13.1583993	-1.59E-01	45337784	45337907	NC_000020.10
cg04464357	1.61E-09	1.39E-10	-6.78	13.1576995	-6.41E-02	52931527	52931650	NC_000003.11
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cg07423943	1.61E-09	1.39E-10	-6.78	13.1557265	-7.90E-02	20175909	20176032	NC_000013.10
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cg03604819	1.61E-09	1.39E-10	-6.78	13.1544276	-3.74E-02	17813007	17813130	NC_000004.11
cg00756943	1.61E-09	1.39E-10	-6.78	13.1539727	-9.51E-02	91208460	91208583	NC_000015.9
cg00305071	1.62E-09	1.39E-10	-6.78	13.1533457	-1.38E-01	34504017	34504140	NC_000001.10
ch.10.2545310R	1.62E-09	1.40E-10	-6.78	13.1524691	-3.84E-02	120819460	120819583	NC_000010.10
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cg24524470	1.62E-09	1.40E-10	-6.78	13.1522848	-1.55E-01	245273257	245273380	NC_000001.10

cg13605542	1.62E-09	1.40E-10	-6.78	13.1503834	-8.40E-02	58110814	58110937	NC_000003.11
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cg19920899	1.63E-09	1.40E-10	-6.78	13.1471948	-4.29E-02	88969839	88969962	NC_000009.11
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cg23226134	1.63E-09	1.41E-10	-6.78	13.1433951	-1.85E-02	11866389	11866512	NC_000001.10
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cg03144714	1.63E-09	1.41E-10	-6.78	13.1413704	-6.46E-02	54426694	54426817	NC_000012.11
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cg03519967	1.64E-09	1.41E-10	-6.78	13.1395019	-9.93E-02	26010346	26010469	NC_000001.10
cg11070420	1.64E-09	1.41E-10	-6.78	13.1394922	-1.11E-01	133804743	133804866	NC_000011.9
cg24038105	1.64E-09	1.42E-10	-6.78	13.138816	-1.03E-01	15679299	15679422	NC_000001.10
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cg08339189	1.64E-09	1.42E-10	-6.78	13.1377935	-8.23E-02	124260498	124260621	NC_000009.11
cg03277898	1.64E-09	1.42E-10	-6.78	13.137782	-1.50E-01	2518824	2518947	NC_000007.13
cg03619332	1.64E-09	1.42E-10	-6.78	13.1375834	-8.96E-02	585859	585982	NC_000016.9
cg26203383	1.64E-09	1.42E-10	-6.78	13.137091	-1.63E-01	40297048	40297171	NC_000022.10
cg24420093	1.64E-09	1.42E-10	-6.78	13.1368555	-7.49E-02	6947085	6947208	NC_000011.9
cg21371809	1.64E-09	1.42E-10	-6.78	13.1362602	-1.61E-01	14052028	14052151	NC_000010.10
cg09517873	1.64E-09	1.42E-10	-6.78	13.1348116	-2.03E-01	12656315	12656438	NC_000001.10

cg13242160	1.64E-09	1.42E-10	-6.78	13.1343397	-3.72E-02	55294610	55294733	NC_000008.10
cg02170478	1.65E-09	1.42E-10	-6.78	13.1340718	-1.10E-01	55100995	55101118	NC_000004.11
cg22219494	1.65E-09	1.42E-10	-6.78	13.1333414	-1.18E-01	25201805	25201928	NC_000001.10
cg03311682	1.65E-09	1.42E-10	-6.78	13.1326573	-5.57E-02	47127856	47127979	NC_000019.9
cg07691306	1.65E-09	1.42E-10	-6.78	13.1326024	-1.47E-01	953575	953698	NC_000019.9
cg22218536	1.65E-09	1.43E-10	-6.78	13.1320648	-3.61E-02	40518595	40518718	NC_000003.11
cg04239078	1.65E-09	1.43E-10	-6.78	13.1315815	-1.26E-01	209549585	209549708	NC_000001.10
cg06496222	1.65E-09	1.43E-10	-6.78	13.131152	-1.07E-01	57181668	57181791	NC_000016.9
cg00563352	1.65E-09	1.43E-10	-6.78	13.1306996	-1.72E-01	9765708	9765831	NC_000005.9
ch.6.1255267F	1.65E-09	1.43E-10	-6.78	13.130451	-4.07E-02	53131782	53131905	NC_000006.11
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cg10517202	1.65E-09	1.43E-10	-6.77	13.1289257	-9.12E-02	177187243	177187366	NC_000003.11
cg23346134	1.66E-09	1.43E-10	-6.77	13.1276475	-1.47E-01	49453900	49454023	NC_000003.11
cg04102208	1.66E-09	1.43E-10	-6.77	13.1272565	-2.47E-02	16465239	16465362	NC_000005.9
cg24170687	1.66E-09	1.43E-10	-6.77	13.1258646	-6.98E-02	57598683	57598806	NC_000015.9
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cg14578311	1.67E-09	1.44E-10	-6.77	13.1196257	-1.35E-01	1019787	1019910	NC_000010.10
cg01275661	1.67E-09	1.44E-10	-6.77	13.1188099	-6.33E-02	5504438	5504561	NC_000010.10
cg02096790	1.67E-09	1.45E-10	-6.77	13.1178724	-1.50E-01	89920010	89920133	NC_000016.9

cg01415562	1.67E-09	1.45E-10	-6.77	13.1160159	-1.12E-01	27152635	27152758	NC_000022.10
cg01586609	1.67E-09	1.45E-10	-6.77	13.1154047	-1.22E-01	113846937	113847060	NC_000011.9
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cg17532976	1.68E-09	1.45E-10	-6.77	13.1137281	-7.75E-02	53937515	53937638	NC_000012.11
cg00988247	1.68E-09	1.45E-10	-6.77	13.1131812	-1.36E-01	169378758	169378881	NC_000003.11
cg16413327	1.68E-09	1.45E-10	-6.77	13.1126327	-1.07E-01	31215451	31215574	NC_000016.9
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cg21720385	1.69E-09	1.47E-10	-6.77	13.1037708	-1.28E-01	4455239	4455362	NC_000019.9
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cg08438366	1.70E-09	1.48E-10	-6.77	13.096389	-9.72E-02	37230612	37230735	NC_000020.10



cg14975318	1.71E-09	1.48E-10	-6.77	13.0958247	-4.40E-02	17298537	17298660	NC_000011.9
cg01750375	1.71E-09	1.48E-10	-6.77	13.095735	-5.84E-02	43343365	43343488	NC_000020.10
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cg18075287	1.71E-09	1.48E-10	-6.77	13.0936734	-6.27E-02	10365459	10365582	NC_000012.11
cg13651859	1.71E-09	1.48E-10	-6.77	13.0925806	-6.20E-02	91926249	91926372	NC_000009.11
cg27366280	1.71E-09	1.49E-10	-6.77	13.091234	-1.10E-01	42221102	42221225	NC_000003.11
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cg11383944	1.73E-09	1.50E-10	-6.77	13.0828504	-2.66E-02	62360728	62360851	NC_000015.9
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cg08144172	1.74E-09	1.51E-10	-6.77	13.0751567	-1.80E-01	41849203	41849326	NC_000001.10
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cg00366359	1.75E-09	1.52E-10	-6.76	13.0718619	-1.29E-01	79145542	79145665	NC_000011.9
cg11953868	1.75E-09	1.52E-10	-6.76	13.0708564	-6.92E-02	44258437	44258560	NC_000020.10
cg24852442	1.75E-09	1.52E-10	-6.76	13.0704734	-8.45E-02	76903134	76903257	NC_000011.9
cg18012556	1.75E-09	1.52E-10	-6.76	13.0697993	-1.22E-01	44373754	44373877	NC_000015.9
cg26981966	1.75E-09	1.52E-10	-6.76	13.0691116	-1.06E-01	152598597	152598720	NC_000007.13
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cg11966450	1.76E-09	1.53E-10	-6.76	13.0637752	-4.17E-02	59992157	59992280	NC_000018.9
cg20580655	1.76E-09	1.53E-10	-6.76	13.0635588	-1.18E-01	93257624	93257747	NC_000015.9
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cg04337188	1.76E-09	1.53E-10	-6.76	13.0599891	-1.11E-01	219251771	219251894	NC_000002.11

cg20559385	1.77E-09	1.54E-10	-6.76	13.0592358	-2.02E-01	106049591	106049714	NC_000006.11
cg09314495	1.77E-09	1.54E-10	-6.76	13.0583394	-1.54E-01	90454617	90454740	NC_000007.13
cg16009677	1.77E-09	1.54E-10	-6.76	13.0565945	-7.66E-02	115605921	115606044	NC_000001.10
cg08119452	1.77E-09	1.54E-10	-6.76	13.0563566	-1.61E-01	53602385	53602508	NC_000013.10
cg19850535	1.78E-09	1.54E-10	-6.76	13.0538254	-3.21E-02	31782761	31782884	NC_000006.11
cg11904056	1.78E-09	1.54E-10	-6.76	13.0530858	-7.40E-02	92918910	92919033	NC_000005.9
cg03117611	1.78E-09	1.55E-10	-6.76	13.0518935	-7.89E-02	125223679	125223802	NC_000012.11
cg01006193	1.78E-09	1.55E-10	-6.76	13.0509073	-3.75E-02	6097872	6097995	NC_000012.11
cg16650212	1.78E-09	1.55E-10	-6.76	13.0499552	-1.03E-01	1230935	1231058	NC_000016.9
cg13022624	1.78E-09	1.55E-10	-6.76	13.0495	-1.81E-01	38742789	38742912	NC_000002.11
cg05044414	1.78E-09	1.55E-10	-6.76	13.0492809	-1.54E-01	183734942	183735065	NC_000003.11
cg26853401	1.78E-09	1.55E-10	-6.76	13.0486835	-9.30E-02	84206199	84206322	NC_000004.11
cg07897701	1.78E-09	1.55E-10	-6.76	13.0485021	-9.27E-02	150549370	150549493	NC_000007.13
cg01532749	1.79E-09	1.55E-10	-6.76	13.0476243	-1.50E-01	138085169	138085292	NC_000003.11
cg17491560	1.79E-09	1.55E-10	-6.76	13.0469473	-1.28E-01	6338529	6338652	NC_000005.9
cg12600197	1.79E-09	1.55E-10	-6.76	13.0468253	-1.01E-01	75639339	75639462	NC_000015.9
cg06920946	1.79E-09	1.56E-10	-6.76	13.0465807	-8.92E-02	415489	415612	NC_000010.10
cg16950616	1.79E-09	1.56E-10	-6.76	13.0455752	-7.68E-02	53045046	53045169	NC_000017.10
cg12336935	1.79E-09	1.56E-10	-6.76	13.0453382	-5.77E-02	99358835	99358958	NC_000006.11
cg23697467	1.79E-09	1.56E-10	-6.76	13.0439029	-1.26E-01	145642018	145642141	NC_000008.10
cg17496921	1.79E-09	1.56E-10	-6.76	13.0436553	-1.46E-01	11406993	11407116	NC_000019.9
cg00283576	1.79E-09	1.56E-10	-6.76	13.0425961	-4.32E-02	2465351	2465474	NC_000011.9
cg21827203	1.80E-09	1.56E-10	-6.76	13.0419397	-1.14E-01	43016886	43017009	NC_000022.10
cg11110978	1.80E-09	1.56E-10	-6.76	13.0418493	-6.08E-02	44527518	44527641	NC_000021.8
cg08076044	1.80E-09	1.56E-10	-6.76	13.0408274	-8.06E-02	26685074	26685197	NC_000017.10

cg22617406	1.80E-09	1.57E-10	-6.76	13.0384452	-8.66E-02	58008183	58008306	NC_000012.11
cg23529856	1.81E-09	1.57E-10	-6.76	13.0349025	-1.24E-01	30498683	30498806	NC_000013.10
cg14024458	1.81E-09	1.57E-10	-6.76	13.0343426	-1.38E-01	17502610	17502733	NC_000019.9
cg13303313	1.81E-09	1.58E-10	-6.76	13.0337033	-1.09E-01	140098230	140098353	NC_000005.9
cg08222513	1.81E-09	1.58E-10	-6.76	13.032444	-1.42E-01	30079280	30079403	NC_000006.11
cg18167946	1.81E-09	1.58E-10	-6.76	13.0323237	-1.20E-01	125205034	125205157	NC_000012.11
cg00914963	1.81E-09	1.58E-10	-6.76	13.0309853	-6.51E-02	77966262	77966385	NC_000017.10
cg20156985	1.82E-09	1.58E-10	-6.76	13.0293105	-1.16E-01	33694609	33694732	NC_000001.10
cg18350524	1.82E-09	1.58E-10	-6.76	13.0289416	-6.11E-02	93835624	93835747	NC_000012.11
cg15085879	1.82E-09	1.58E-10	-6.76	13.0282011	-6.50E-02	57212130	57212253	NC_000015.9
cg09119494	1.82E-09	1.59E-10	-6.76	13.0274868	-8.53E-02	23851471	23851594	NC_000001.10
cg15061025	1.82E-09	1.59E-10	-6.76	13.0266448	-4.50E-02	45883859	45883982	NC_000003.11
cg09171112	1.82E-09	1.59E-10	-6.76	13.0262952	-1.73E-01	166711594	166711717	NC_000005.9
cg00949532	1.82E-09	1.59E-10	-6.76	13.0249324	-1.24E-01	6456854	6456977	NC_000008.10
cg02634027	1.83E-09	1.60E-10	-6.76	13.0203052	-2.96E-02	116695026	116695149	NC_000001.10
cg18086386	1.83E-09	1.60E-10	-6.75	13.0197209	-1.59E-01	162516650	162516773	NC_000005.9
cg11924260	1.83E-09	1.60E-10	-6.75	13.0195966	-1.36E-01	125036266	125036389	NC_000012.11
cg07173547	1.83E-09	1.60E-10	-6.75	13.0195171	-5.70E-02	18727949	18728072	NC_000011.9
cg24290286	1.84E-09	1.60E-10	-6.75	13.019141	-4.91E-02	17374112	17374235	NC_000011.9
ch.8.117193312F	1.84E-09	1.60E-10	-6.75	13.018765	-4.74E-02	117124134	117124257	NC_000008.10
cg18443095	1.84E-09	1.60E-10	-6.75	13.01809	-5.88E-02	33378516	33378639	NC_000006.11
cg00804485	1.84E-09	1.60E-10	-6.75	13.0156523	-3.00E-02	5569135	5569258	NC_000007.13
cg07113006	1.84E-09	1.61E-10	-6.75	13.0149483	-8.73E-02	45097282	45097405	NC_000001.10
cg25171118	1.84E-09	1.61E-10	-6.75	13.0143515	-1.48E-01	134212463	134212586	NC_000007.13
cg19684783	1.84E-09	1.61E-10	-6.75	13.013948	-1.72E-01	40905255	40905378	NC_000005.9

cg23418201	1.84E-09	1.61E-10	-6.75	13.013522	-1.58E-01	9134057	9134180	NC_000002.11
cg26157756	1.85E-09	1.61E-10	-6.75	13.0122441	-1.79E-01	61917230	61917353	NC_000008.10
cg01277372	1.85E-09	1.61E-10	-6.75	13.0118695	-1.43E-01	169378764	169378887	NC_000003.11
cg25534294	1.85E-09	1.61E-10	-6.75	13.0117932	-7.49E-02	155554931	155555054	NC_000002.11
cg19168338	1.85E-09	1.61E-10	-6.75	13.0117093	-1.15E-01	4465731	4465854	NC_000016.9
ch.22.909671F	1.85E-09	1.61E-10	-6.75	13.0114501	-7.35E-02	46114168	46114291	NC_000022.10
cg06727060	1.86E-09	1.62E-10	-6.75	13.0069782	-5.26E-02	30709711	30709834	NC_000016.9
cg16536610	1.86E-09	1.62E-10	-6.75	13.0059598	-1.67E-01	65704960	65705083	NC_000014.8
cg06211794	1.86E-09	1.62E-10	-6.75	13.0053514	-2.91E-02	48330587	48330710	NC_000020.10
cg27223805	1.86E-09	1.62E-10	-6.75	13.0053082	-1.34E-01	2889616	2889739	NC_000011.9
cg09895325	1.87E-09	1.63E-10	-6.75	13.0008961	-1.75E-01	24968182	24968305	NC_000001.10
cg05673731	1.87E-09	1.63E-10	-6.75	12.9996408	-1.45E-01	29565306	29565429	NC_000001.10
cg00968267	1.87E-09	1.63E-10	-6.75	12.9992704	-1.20E-01	73764146	73764269	NC_000013.10
cg14830082	1.87E-09	1.63E-10	-6.75	12.9979214	-1.16E-01	130067806	130067929	NC_000011.9
cg25887076	1.87E-09	1.64E-10	-6.75	12.9972479	-1.99E-01	5576256	5576379	NC_000010.10
cg11071912	1.88E-09	1.64E-10	-6.75	12.9963681	-1.28E-01	1073424	1073547	NC_000001.10
cg15043642	1.88E-09	1.64E-10	-6.75	12.996181	-5.92E-02	141061863	141061986	NC_000005.9
cg03411579	1.88E-09	1.64E-10	-6.75	12.9950378	-1.11E-01	76552736	76552859	NC_000012.11
cg03469869	1.88E-09	1.64E-10	-6.75	12.9945904	-1.55E-01	111000343	111000466	NC_000013.10
cg10046767	1.88E-09	1.64E-10	-6.75	12.9939161	-3.02E-02	53297693	53297816	NC_000012.11
cg07895576	1.88E-09	1.64E-10	-6.75	12.9937547	-6.02E-02	12442682	12442805	NC_000003.11
cg14042132	1.88E-09	1.64E-10	-6.75	12.9930333	-6.16E-02	117112752	117112875	NC_000001.10
cg27077773	1.88E-09	1.64E-10	-6.75	12.9926533	-8.12E-02	88512653	88512776	NC_000016.9
cg19188595	1.88E-09	1.64E-10	-6.75	12.9925824	-1.65E-02	45496482	45496605	NC_000010.10
cg13123009	1.88E-09	1.64E-10	-6.75	12.9922877	-8.62E-02	31681882	31682005	NC_000006.11

cg06986543	1.88E-09	1.64E-10	-6.75	12.9919313	-2.05E-02	60942666	60942789	NC_000020.10
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cg18590618	1.89E-09	1.65E-10	-6.75	12.9880056	-3.06E-02	27561116	27561239	NC_000001.10
cg07843568	1.89E-09	1.65E-10	-6.75	12.9867699	-8.74E-02	1254066	1254189	NC_000019.9
cg08621418	1.89E-09	1.65E-10	-6.75	12.9864589	-4.65E-02	79944414	79944537	NC_000006.11
cg07882820	1.89E-09	1.65E-10	-6.75	12.986347	-7.29E-02	111032073	111032196	NC_000005.9
cg24932394	1.89E-09	1.66E-10	-6.75	12.9853539	-2.33E-02	120703729	120703852	NC_000012.11
cg01782711	1.90E-09	1.66E-10	-6.75	12.984684	-1.65E-01	99332500	99332623	NC_000012.11
cg07081477	1.90E-09	1.66E-10	-6.75	12.9842235	-1.86E-01	80254862	80254985	NC_000017.10
cg26877198	1.90E-09	1.66E-10	-6.75	12.9838115	-6.52E-02	9938416	9938539	NC_000019.9
cg21834604	1.90E-09	1.66E-10	-6.75	12.9837898	-1.39E-01	11610595	11610718	NC_000003.11
cg04899282	1.90E-09	1.66E-10	-6.75	12.983488	-3.38E-02	103523516	103523639	NC_000014.8
cg01774131	1.90E-09	1.66E-10	-6.75	12.9816315	-1.01E-01	8578086	8578209	NC_000008.10
cg06422782	1.90E-09	1.66E-10	-6.75	12.9814195	-1.01E-01	88268771	88268894	NC_000016.9
cg13708803	1.90E-09	1.66E-10	-6.75	12.9811794	-9.53E-02	138898243	138898366	NC_000008.10
cg02370858	1.90E-09	1.66E-10	-6.75	12.9811063	-3.58E-02	74700039	74700162	NC_000002.11
cg14928057	1.90E-09	1.66E-10	-6.75	12.9802253	-1.49E-01	4891542	4891665	NC_000017.10
cg03918288	1.90E-09	1.66E-10	-6.75	12.98002	-9.56E-02	145101324	145101447	NC_000008.10
cg09871285	1.91E-09	1.67E-10	-6.75	12.9786633	-1.34E-01	113932855	113932978	NC_000003.11
cg00775075	1.91E-09	1.67E-10	-6.75	12.9764123	-5.69E-02	11891054	11891177	NC_000016.9
ch.17.75722220R	1.91E-09	1.67E-10	-6.75	12.9760767	-3.05E-02	78107625	78107748	NC_000017.10
cg22276685	1.91E-09	1.67E-10	-6.75	12.9758388	-1.57E-01	119500902	119501025	NC_000003.11
cg10632266	1.91E-09	1.67E-10	-6.75	12.9757956	-2.78E-02	167691116	167691239	NC_000001.10

cg04720283	1.91E-09	1.67E-10	-6.75	12.9757148	-1.37E-01	103914796	103914919	NC_000011.9
cg05292478	1.92E-09	1.68E-10	-6.75	12.9729403	-1.10E-01	98742398	98742521	NC_000007.13
cg04550079	1.92E-09	1.68E-10	-6.75	12.9718005	-7.49E-02	67212681	67212804	NC_000016.9
cg13909320	1.92E-09	1.68E-10	-6.75	12.9712253	-4.08E-02	125026858	125026981	NC_000009.11
cg20781241	1.92E-09	1.68E-10	-6.75	12.9700556	-4.52E-02	74907290	74907413	NC_000015.9
cg26818820	1.93E-09	1.69E-10	-6.75	12.9653433	-8.87E-02	135468000	135468123	NC_000005.9
cg08180025	1.93E-09	1.69E-10	-6.75	12.9653137	-1.66E-01	5682666	5682789	NC_000007.13
cg07497941	1.93E-09	1.69E-10	-6.74	12.9648125	-1.48E-01	1258546	1258669	NC_000011.9
cg14839558	1.93E-09	1.69E-10	-6.74	12.9645256	-1.78E-01	1874488	1874611	NC_000001.10
cg27261397	1.93E-09	1.69E-10	-6.74	12.9636943	-1.16E-01	625833	625956	NC_000011.9
cg11145399	1.93E-09	1.69E-10	-6.74	12.9636242	-8.04E-02	224034478	224034601	NC_000001.10
cg00857536	1.94E-09	1.70E-10	-6.74	12.9616631	-1.27E-01	50298306	50298429	NC_000010.10
ch.1.2740682R	1.94E-09	1.70E-10	-6.74	12.9611513	-2.82E-02	117424854	117424977	NC_000001.10
cg14791639	1.94E-09	1.70E-10	-6.74	12.9611365	-8.91E-02	16699028	16699151	NC_000006.11
cg26413708	1.94E-09	1.70E-10	-6.74	12.9608997	-1.34E-01	42306808	42306931	NC_000006.11
cg00221394	1.94E-09	1.70E-10	-6.74	12.9599495	-4.76E-02	133707523	133707646	NC_000012.11
cg03447530	1.94E-09	1.70E-10	-6.74	12.9599443	-4.90E-02	60970210	60970333	NC_000013.10
cg02261543	1.94E-09	1.70E-10	-6.74	12.9588441	-9.09E-02	10800368	10800491	NC_000011.9
cg25027699	1.94E-09	1.70E-10	-6.74	12.9587361	-1.23E-01	101187093	101187216	NC_000012.11
cg22254313	1.94E-09	1.70E-10	-6.74	12.95855	-5.61E-02	67734916	67735039	NC_000011.9
cg01965636	1.94E-09	1.70E-10	-6.74	12.9577938	-1.53E-01	90237942	90238065	NC_000014.8
cg24084564	1.95E-09	1.70E-10	-6.74	12.9573618	-1.33E-01	39892799	39892922	NC_000019.9
cg27285720	1.95E-09	1.70E-10	-6.74	12.9571592	-2.14E-01	89664782	89664905	NC_000001.10
cg21025488	1.95E-09	1.71E-10	-6.74	12.9556329	-5.44E-02	115000149	115000272	NC_000013.10
cg23912171	1.95E-09	1.71E-10	-6.74	12.9549249	-7.20E-02	28832176	28832299	NC_000001.10

ch.6.12427391R	1.95E-09	1.71E-10	-6.74	12.9524335	-1.35E-02	12319405	12319528	NC_000006.11
cg17836612	1.96E-09	1.72E-10	-6.74	12.9500534	-1.21E-01	76976357	76976480	NC_000017.10
cg18567041	1.96E-09	1.72E-10	-6.74	12.9491265	-1.29E-01	2654246	2654369	NC_000019.9
cg06120359	1.96E-09	1.72E-10	-6.74	12.9488965	-1.57E-01	127105723	127105846	NC_000008.10
cg09714607	1.96E-09	1.72E-10	-6.74	12.9476413	-1.71E-02	32122161	32122284	NC_000006.11
cg02253535	1.96E-09	1.72E-10	-6.74	12.947511	-1.04E-01	45147292	45147415	NC_000021.8
cg12049550	1.97E-09	1.72E-10	-6.74	12.9461732	-1.61E-01	65035261	65035384	NC_000001.10
cg24116380	1.97E-09	1.72E-10	-6.74	12.9449375	-1.35E-01	114791124	114791247	NC_000005.9
cg10515180	1.97E-09	1.73E-10	-6.74	12.9430563	-1.41E-01	40583939	40584062	NC_000007.13
cg14122403	1.98E-09	1.73E-10	-6.74	12.9410101	-1.50E-01	121499498	121499621	NC_000005.9
cg24438909	1.98E-09	1.73E-10	-6.74	12.940424	-6.72E-02	156828693	156828816	NC_000001.10
cg03741332	1.98E-09	1.73E-10	-6.74	12.939748	-3.29E-02	4403337	4403460	NC_000019.9
cg26668747	1.98E-09	1.73E-10	-6.74	12.939228	-6.08E-02	80212883	80213006	NC_000005.9
cg16386293	1.98E-09	1.74E-10	-6.74	12.9388066	-1.43E-01	150480856	150480979	NC_000001.10
cg09219019	1.98E-09	1.74E-10	-6.74	12.9384214	-6.48E-02	182400155	182400278	NC_000003.11
cg05165064	1.98E-09	1.74E-10	-6.74	12.9375102	-4.33E-02	18037039	18037162	NC_000020.10
cg15396800	1.98E-09	1.74E-10	-6.74	12.9374326	-1.43E-01	178943143	178943266	NC_000001.10
cg11435441	1.99E-09	1.74E-10	-6.74	12.9359605	-1.58E-01	25027994	25028117	NC_000006.11
cg08708711	1.99E-09	1.74E-10	-6.74	12.9353521	-3.47E-02	10157086	10157209	NC_000003.11
cg11062046	1.99E-09	1.74E-10	-6.74	12.9337796	-5.13E-02	64254701	64254824	NC_000007.13
cg25730564	1.99E-09	1.74E-10	-6.74	12.9337689	-1.02E-01	236100751	236100874	NC_000002.11
cg08964435	1.99E-09	1.75E-10	-6.74	12.9326814	-1.26E-01	32382851	32382974	NC_000020.10
cg14234912	1.99E-09	1.75E-10	-6.74	12.93147	-1.31E-01	103677503	103677626	NC_000011.9
cg27147174	2.00E-09	1.75E-10	-6.74	12.9303	-6.35E-02	100797783	100797906	NC_000007.13
cg13359161	2.00E-09	1.75E-10	-6.74	12.9300471	-1.01E-01	124552897	124553020	NC_000004.11



cg02209932	2.00E-09	1.75E-10	-6.74	12.9298866	-3.38E-02	66662498	66662621	NC_000002.11
cg06363692	2.00E-09	1.76E-10	-6.74	12.9271769	-1.58E-01	71656425	71656548	NC_000011.9
cg01130092	2.00E-09	1.76E-10	-6.74	12.9268962	-1.30E-01	67311704	67311827	NC_000016.9
cg22044398	2.00E-09	1.76E-10	-6.74	12.9263674	-1.02E-01	106583179	106583302	NC_000006.11
cg24834394	2.00E-09	1.76E-10	-6.74	12.9262389	-1.50E-01	12620789	12620912	NC_000012.11
cg01383268	2.01E-09	1.76E-10	-6.74	12.9248004	-4.35E-02	71088868	71088991	NC_000017.10
cg17499041	2.01E-09	1.76E-10	-6.74	12.9240661	-3.63E-02	35310257	35310380	NC_000006.11
cg27104271	2.01E-09	1.77E-10	-6.74	12.9222768	-5.22E-02	74862127	74862250	NC_000011.9
cg09213451	2.01E-09	1.77E-10	-6.74	12.9222284	-1.41E-01	61569759	61569882	NC_000014.8
cg24527194	2.01E-09	1.77E-10	-6.74	12.9213709	-1.11E-01	14073463	14073586	NC_000019.9
cg16219266	2.01E-09	1.77E-10	-6.74	12.9213275	-1.19E-01	67433184	67433307	NC_000016.9
cg04849856	2.01E-09	1.77E-10	-6.74	12.9213134	-6.74E-02	73401481	73401604	NC_000017.10
cg07283098	2.01E-09	1.77E-10	-6.74	12.9207523	-5.22E-02	134514086	134514209	NC_000003.11
cg25422226	2.01E-09	1.77E-10	-6.74	12.9206296	-1.41E-01	13057352	13057475	NC_000007.13
cg26132612	2.02E-09	1.77E-10	-6.74	12.9201507	-3.32E-02	40518669	40518792	NC_000003.11
cg11534215	2.02E-09	1.77E-10	-6.74	12.9199019	-1.34E-01	240200967	240201090	NC_000002.11
cg14643075	2.02E-09	1.77E-10	-6.74	12.9196913	-9.15E-02	176755449	176755572	NC_000005.9
cg16039869	2.02E-09	1.77E-10	-6.74	12.9195788	-1.23E-01	125260943	125261066	NC_000011.9
cg10208821	2.02E-09	1.78E-10	-6.74	12.9166804	-7.14E-02	21852954	21853077	NC_000014.8
cg06333800	2.02E-09	1.78E-10	-6.74	12.9165343	-8.00E-02	151442481	151442604	NC_000007.13
cg21186098	2.03E-09	1.78E-10	-6.74	12.9150329	-1.62E-01	108208344	108208467	NC_000008.10
cg20783262	2.03E-09	1.78E-10	-6.74	12.9148447	-4.91E-02	68152310	68152433	NC_000001.10
cg00181327	2.03E-09	1.78E-10	-6.74	12.912479	-1.42E-01	31439278	31439401	NC_000013.10
cg05917963	2.03E-09	1.78E-10	-6.74	12.9120173	-7.24E-02	101988539	101988662	NC_000010.10
cg06358131	2.04E-09	1.79E-10	-6.74	12.9102441	-1.03E-01	3687922	3688045	NC_000019.9

cg25424250	2.04E-09	1.79E-10	-6.73	12.9092022	-7.98E-02	71421380	71421503	NC_000011.9
cg01961752	2.04E-09	1.79E-10	-6.73	12.90897	-1.83E-01	1109012	1109135	NC_000001.10
cg23210118	2.04E-09	1.79E-10	-6.73	12.908038	-3.87E-02	95653378	95653501	NC_000010.10
cg15732079	2.04E-09	1.79E-10	-6.73	12.9077883	-1.47E-01	22898516	22898639	NC_000007.13
cg12080882	2.04E-09	1.79E-10	-6.73	12.9061799	-8.75E-02	109634248	109634371	NC_000001.10
cg02556655	2.04E-09	1.80E-10	-6.73	12.9055526	-1.91E-01	63975026	63975149	NC_000011.9
cg19371349	2.05E-09	1.80E-10	-6.73	12.9045295	-9.68E-02	174254281	174254404	NC_000004.11
cg26158983	2.05E-09	1.80E-10	-6.73	12.9040189	-6.38E-02	24835040	24835163	NC_000014.8
cg04554272	2.05E-09	1.80E-10	-6.73	12.9021539	-2.03E-01	1013990	1014113	NC_000016.9
cg19587237	2.05E-09	1.80E-10	-6.73	12.9018332	-1.41E-01	54797076	54797199	NC_000001.10
cg03477302	2.05E-09	1.80E-10	-6.73	12.9016563	-6.53E-02	32598681	32598804	NC_000022.10
cg14157107	2.05E-09	1.80E-10	-6.73	12.9015928	-1.60E-01	16704404	16704527	NC_000009.11
ch.1.822136R	2.05E-09	1.80E-10	-6.73	12.9015153	-4.19E-02	24746734	24746857	NC_000001.10
cg04500312	2.05E-09	1.80E-10	-6.73	12.9014805	-9.83E-02	142054663	142054786	NC_000005.9
cg07571202	2.05E-09	1.81E-10	-6.73	12.8999512	-8.68E-02	14272342	14272465	NC_000019.9
cg16963286	2.06E-09	1.81E-10	-6.73	12.8992254	-2.42E-02	33102443	33102566	NC_000007.13
cg16230352	2.06E-09	1.81E-10	-6.73	12.8989697	-1.34E-01	42123158	42123281	NC_000008.10
cg03555157	2.06E-09	1.81E-10	-6.73	12.8965779	-1.21E-01	128439171	128439294	NC_000002.11
cg14732248	2.06E-09	1.81E-10	-6.73	12.8963341	-4.97E-02	1313730	1313853	NC_000006.11
cg26827893	2.06E-09	1.81E-10	-6.73	12.8958831	-6.61E-02	21105829	21105952	NC_000020.10
cg05266796	2.06E-09	1.81E-10	-6.73	12.8954164	-7.49E-02	16723783	16723906	NC_000006.11
cg02927327	2.06E-09	1.81E-10	-6.73	12.8954099	-8.43E-02	35265759	35265882	NC_000006.11
cg22171607	2.06E-09	1.81E-10	-6.73	12.8953566	-1.49E-01	8137564	8137687	NC_000001.10
cg03656020	2.06E-09	1.82E-10	-6.73	12.8946753	-1.08E-01	100805972	100806095	NC_000007.13
cg08720806	2.07E-09	1.82E-10	-6.73	12.8937399	-1.60E-01	125142671	125142794	NC_000011.9

cg04983903	2.07E-09	1.82E-10	-6.73	12.8935357	-6.27E-02	29974065	29974188	NC_000006.11
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cg17392909	2.19E-09	1.93E-10	-6.72	12.8324279	-7.26E-02	135187035	135187158	NC_000010.10
cg09633881	2.19E-09	1.94E-10	-6.72	12.8321225	-8.02E-02	33002021	33002144	NC_000009.11

cg04007890	2.19E-09	1.94E-10	-6.72	12.8320053	-1.30E-01	976706	976829	NC_000007.13
cg25510614	2.19E-09	1.94E-10	-6.72	12.831957	-1.38E-01	683772	683895	NC_000004.11
cg16257215	2.19E-09	1.94E-10	-6.72	12.8312073	-9.39E-02	202092296	202092419	NC_000001.10
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cg03958883	2.19E-09	1.94E-10	-6.72	12.830468	-1.29E-01	73020729	73020852	NC_000011.9
cg15924831	2.20E-09	1.94E-10	-6.72	12.8295776	-6.52E-02	149529665	149529788	NC_000005.9
cg25124241	2.20E-09	1.94E-10	-6.72	12.8292104	-4.35E-02	121944931	121945054	NC_000007.13
cg16035633	2.20E-09	1.94E-10	-6.72	12.8290315	-1.01E-01	150700728	150700851	NC_000007.13
cg06956006	2.20E-09	1.94E-10	-6.72	12.8281773	-1.18E-01	40066945	40067068	NC_000017.10
cg06889746	2.20E-09	1.94E-10	-6.72	12.8279013	-1.98E-01	99395435	99395558	NC_000015.9
cg27631248	2.20E-09	1.95E-10	-6.72	12.8267752	-1.40E-02	220267790	220267913	NC_000001.10
cg00424354	2.20E-09	1.95E-10	-6.72	12.8265745	-1.49E-01	100555339	100555462	NC_000011.9
cg01119072	2.20E-09	1.95E-10	-6.72	12.8262408	-1.09E-01	84076582	84076705	NC_000016.9
cg13978856	2.20E-09	1.95E-10	-6.72	12.8262133	-1.04E-01	40918191	40918314	NC_000004.11
cg20077230	2.20E-09	1.95E-10	-6.72	12.8258033	-1.15E-01	67022852	67022975	NC_000003.11
cg21025113	2.21E-09	1.95E-10	-6.72	12.8236483	-8.43E-02	46270542	46270665	NC_000011.9
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cg05880945	2.21E-09	1.95E-10	-6.72	12.8228001	-9.74E-02	38622480	38622603	NC_000009.11
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cg26316373	2.22E-09	1.96E-10	-6.72	12.8194242	-1.13E-01	48206749	48206872	NC_000017.10
cg03280108	2.22E-09	1.96E-10	-6.72	12.8192119	-1.64E-01	26298067	26298190	NC_000008.10
cg05753589	2.22E-09	1.96E-10	-6.72	12.8189281	-4.90E-02	2064765	2064888	NC_000001.10
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cg01981760	2.22E-09	1.96E-10	-6.72	12.8183939	-3.32E-02	53737576	53737699	NC_000016.9
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cg08241082	2.22E-09	1.97E-10	-6.72	12.8168354	-1.14E-01	71149623	71149746	NC_000012.11
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cg25638993	2.23E-09	1.97E-10	-6.72	12.8153629	-1.31E-01	62085629	62085752	NC_000020.10
cg08478672	2.23E-09	1.97E-10	-6.72	12.8148068	-1.56E-01	129374295	129374418	NC_000008.10
cg20434586	2.23E-09	1.97E-10	-6.72	12.814728	-4.50E-02	43237511	43237634	NC_000006.11
cg14591195	2.23E-09	1.97E-10	-6.72	12.814379	-5.41E-02	7382608	7382731	NC_000017.10
cg20808893	2.23E-09	1.97E-10	-6.72	12.8135969	-2.51E-02	54965215	54965338	NC_000001.10
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cg14418609	2.23E-09	1.98E-10	-6.72	12.8118043	-1.20E-01	233286870	233286993	NC_000002.11
cg27438425	2.23E-09	1.98E-10	-6.72	12.8115608	-1.53E-01	41952221	41952344	NC_000001.10
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cg25818583	2.24E-09	1.98E-10	-6.72	12.8100885	-1.50E-01	55549801	55549924	NC_000019.9
cg05924212	2.24E-09	1.98E-10	-6.72	12.8097517	-5.17E-02	30455114	30455237	NC_000002.11
cg02076598	2.24E-09	1.98E-10	-6.72	12.8091799	-1.63E-01	25423801	25423924	NC_000022.10
cg13096541	2.24E-09	1.98E-10	-6.72	12.8091311	-3.69E-02	138482936	138483059	NC_000006.11
cg01116568	2.24E-09	1.98E-10	-6.72	12.807166	-1.64E-01	10476529	10476652	NC_000011.9
cg24646009	2.25E-09	1.99E-10	-6.72	12.8061261	-8.76E-02	107221327	107221450	NC_000007.13
cg10016024	2.25E-09	1.99E-10	-6.72	12.8059071	-9.48E-02	71315863	71315986	NC_000011.9
cg12326244	2.25E-09	1.99E-10	-6.72	12.8057724	-1.43E-01	78078995	78079118	NC_000017.10
cg08920628	2.25E-09	1.99E-10	-6.72	12.8054702	-3.40E-02	48354911	48355034	NC_000010.10
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cg12115081	2.25E-09	1.99E-10	-6.72	12.8041431	-1.01E-01	151038391	151038514	NC_000004.11
cg02066184	2.25E-09	1.99E-10	-6.72	12.8036041	-1.60E-01	16841504	16841627	NC_000007.13

cg16048817	2.25E-09	1.99E-10	-6.72	12.8034999	-1.33E-01	41001944	41002067	NC_000017.10
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cg12995421	2.25E-09	1.99E-10	-6.72	12.8032063	-1.11E-01	59999842	59999965	NC_000005.9
cg18942110	2.25E-09	1.99E-10	-6.72	12.8028638	-4.57E-02	91072797	91072920	NC_000015.9
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cg20399252	2.25E-09	2.00E-10	-6.72	12.8019001	-1.49E-01	50266227	50266350	NC_000013.10
cg06836736	2.26E-09	2.00E-10	-6.72	12.8012865	-5.17E-02	84140993	84141116	NC_000006.11
cg23240145	2.26E-09	2.00E-10	-6.71	12.8007377	-1.38E-01	70682771	70682894	NC_000013.10
cg19035232	2.26E-09	2.00E-10	-6.71	12.8003119	-1.35E-01	51589985	51590108	NC_000020.10
cg16604801	2.26E-09	2.00E-10	-6.71	12.7996635	-1.36E-01	2718310	2718433	NC_000017.10
cg17920653	2.26E-09	2.01E-10	-6.71	12.7970081	-9.57E-02	220115278	220115401	NC_000002.11
cg03461430	2.27E-09	2.01E-10	-6.71	12.7965524	-1.20E-01	143201610	143201733	NC_000008.10
cg17488500	2.27E-09	2.01E-10	-6.71	12.7946593	-1.42E-01	154307007	154307130	NC_000001.10
cg13365972	2.27E-09	2.01E-10	-6.71	12.7931793	-1.07E-01	1629275	1629398	NC_000011.9
cg21301148	2.28E-09	2.02E-10	-6.71	12.7921101	-8.59E-02	23878195	23878318	NC_000014.8
cg18486150	2.28E-09	2.02E-10	-6.71	12.7910332	-1.43E-01	21044874	21044997	NC_000001.10
cg19738774	2.28E-09	2.02E-10	-6.71	12.7899461	-6.99E-02	68778850	68778973	NC_000011.9
cg15547276	2.28E-09	2.02E-10	-6.71	12.7899421	-2.98E-02	41321718	41321841	NC_000017.10
cg22450798	2.28E-09	2.02E-10	-6.71	12.7889568	-5.74E-02	28705842	28705965	NC_000017.10
cg02181968	2.28E-09	2.02E-10	-6.71	12.7887179	-2.62E-02	39836347	39836470	NC_000012.11
cg26829098	2.28E-09	2.02E-10	-6.71	12.7884452	-8.02E-02	86968255	86968378	NC_000001.10
cg27588902	2.29E-09	2.03E-10	-6.71	12.7872455	-6.32E-02	42928151	42928274	NC_000006.11
cg25130390	2.29E-09	2.03E-10	-6.71	12.7869362	-3.98E-02	65810150	65810273	NC_000015.9
cg18337222	2.29E-09	2.03E-10	-6.71	12.7854952	-9.67E-02	99595254	99595377	NC_000003.11
cg12394426	2.29E-09	2.03E-10	-6.71	12.7833578	-5.38E-02	64009745	64009868	NC_000011.9



cg10829727	2.30E-09	2.03E-10	-6.71	12.7830515	-8.25E-02	73084309	73084432	NC_000017.10
cg21829783	2.30E-09	2.04E-10	-6.71	12.7810739	-1.89E-01	160493089	160493212	NC_000001.10
cg25485913	2.30E-09	2.04E-10	-6.71	12.7800492	-8.23E-02	49568962	49569085	NC_000019.9
cg17868445	2.31E-09	2.04E-10	-6.71	12.7784872	-6.37E-02	83294709	83294832	NC_000004.11
cg02799411	2.31E-09	2.05E-10	-6.71	12.7764915	-1.34E-01	4794061	4794184	NC_000003.11
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cg24757778	2.31E-09	2.05E-10	-6.71	12.7751527	-1.45E-01	60616392	60616515	NC_000010.10
cg09826188	2.32E-09	2.06E-10	-6.71	12.772425	-6.64E-02	99979421	99979544	NC_000003.11
cg21223341	2.32E-09	2.06E-10	-6.71	12.7721944	-1.19E-01	136653337	136653460	NC_000009.11
cg02844502	2.32E-09	2.06E-10	-6.71	12.77216	-1.38E-01	140189025	140189148	NC_000009.11
cg06712763	2.32E-09	2.06E-10	-6.71	12.7720198	-6.65E-02	3070057	3070180	NC_000016.9
cg24238564	2.32E-09	2.06E-10	-6.71	12.7716779	-2.90E-02	65779343	65779466	NC_000011.9
cg07664183	2.32E-09	2.06E-10	-6.71	12.7709129	-1.07E-01	19103231	19103354	NC_000009.11
cg01589587	2.32E-09	2.06E-10	-6.71	12.7703865	-1.31E-01	76002440	76002563	NC_000014.8
cg03214130	2.32E-09	2.06E-10	-6.71	12.7701704	-1.50E-01	36088642	36088765	NC_000007.13
cg06527166	2.32E-09	2.06E-10	-6.71	12.7698153	-9.46E-02	42138658	42138781	NC_000001.10
cg24678319	2.33E-09	2.06E-10	-6.71	12.7686769	-5.01E-02	45097946	45098069	NC_000022.10
cg00249205	2.33E-09	2.06E-10	-6.71	12.7684245	-1.38E-01	31012263	31012386	NC_000016.9
ch.9.106041185R	2.33E-09	2.07E-10	-6.71	12.7680322	-2.20E-02	107001364	107001487	NC_000009.11
cg22826239	2.33E-09	2.07E-10	-6.71	12.767034	-1.17E-01	23510123	23510246	NC_000007.13
cg17733447	2.33E-09	2.07E-10	-6.71	12.7667819	-1.27E-01	45929399	45929522	NC_000017.10
cg01635061	2.33E-09	2.07E-10	-6.71	12.7662677	-1.28E-01	33160234	33160357	NC_000006.11
cg00507945	2.33E-09	2.07E-10	-6.71	12.7661731	-8.00E-02	180614561	180614684	NC_000005.9
cg04339837	2.33E-09	2.07E-10	-6.71	12.7657555	-1.55E-01	12656114	12656237	NC_000001.10

cg10729062	2.34E-09	2.07E-10	-6.71	12.7644349	-9.90E-02	14049823	14049946	NC_000019.9
cg12835352	2.34E-09	2.07E-10	-6.71	12.7644047	-3.38E-02	4065539	4065662	NC_000019.9
ch.2.171328329F	2.34E-09	2.08E-10	-6.71	12.7634427	-2.49E-02	171620083	171620206	NC_000002.11
cg00323313	2.34E-09	2.08E-10	-6.71	12.7628496	-1.19E-01	23054915	23055038	NC_000001.10
cg07977614	2.34E-09	2.08E-10	-6.71	12.7618868	-1.52E-01	242310145	242310268	NC_000001.10
cg01273802	2.35E-09	2.08E-10	-6.71	12.7597322	-9.82E-02	10871371	10871494	NC_000008.10
cg05892419	2.35E-09	2.08E-10	-6.71	12.7596289	-1.18E-01	29764719	29764842	NC_000017.10
cg07887806	2.35E-09	2.08E-10	-6.71	12.7594373	-7.68E-02	128840836	128840959	NC_000003.11
cg17259265	2.35E-09	2.08E-10	-6.71	12.7590293	-1.60E-01	125753373	125753496	NC_000011.9
cg21614201	2.35E-09	2.09E-10	-6.71	12.7580328	-1.08E-01	119888794	119888917	NC_000004.11
cg05569909	2.35E-09	2.09E-10	-6.71	12.7577804	-1.06E-01	102990026	102990149	NC_000010.10
cg27083689	2.35E-09	2.09E-10	-6.71	12.757079	-8.23E-02	10057059	10057182	NC_000001.10
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cg08940169	2.36E-09	2.09E-10	-6.71	12.7559418	-1.03E-01	88540241	88540364	NC_000016.9
cg00264129	2.36E-09	2.09E-10	-6.71	12.7553149	-1.47E-01	139725093	139725216	NC_000005.9
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cg09122423	2.36E-09	2.10E-10	-6.71	12.7534218	-1.07E-01	107540995	107541118	NC_000011.9
cg14121593	2.36E-09	2.10E-10	-6.71	12.7534129	-3.83E-02	132084793	132084916	NC_000009.11
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cg26193418	2.37E-09	2.10E-10	-6.71	12.7502604	-1.45E-01	33973655	33973778	NC_000007.13
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cg11019462	2.37E-09	2.11E-10	-6.71	12.7488451	-1.90E-02	43299789	43299912	NC_000021.8
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cg06900571	2.38E-09	2.12E-10	-6.7	12.7446403	-1.64E-01	141248582	141248705	NC_000008.10
cg12946690	2.38E-09	2.12E-10	-6.7	12.7436597	-5.33E-02	2206740	2206863	NC_000017.10
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cg11218330	2.39E-09	2.12E-10	-6.7	12.7415979	-8.16E-02	113437795	113437918	NC_000013.10
cg08407014	2.39E-09	2.12E-10	-6.7	12.7411991	-1.38E-01	2541104	2541227	NC_000019.9
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cg21912060	2.39E-09	2.13E-10	-6.7	12.7392186	-2.00E-01	138662875	138662998	NC_000003.11
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cg21312066	2.40E-09	2.13E-10	-6.7	12.7379947	-2.34E-02	45942777	45942900	NC_000019.9
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cg26258245	2.40E-09	2.13E-10	-6.7	12.7363119	-1.11E-01	15695917	15696040	NC_000019.9
cg27296937	2.40E-09	2.14E-10	-6.7	12.7336681	-1.56E-01	218997192	218997315	NC_000001.10
cg00038857	2.41E-09	2.14E-10	-6.7	12.7333581	-1.27E-01	32645753	32645876	NC_000017.10
cg26815021	2.41E-09	2.14E-10	-6.7	12.7330817	-5.18E-02	74733172	74733295	NC_000017.10
cg03717367	2.41E-09	2.14E-10	-6.7	12.7328044	-1.30E-01	139980219	139980342	NC_000009.11

cg04586023	2.41E-09	2.14E-10	-6.7	12.7327338	-8.52E-02	50690380	50690503	NC_000022.10
cg14769121	2.41E-09	2.14E-10	-6.7	12.7320496	-1.55E-01	98722470	98722593	NC_000007.13
cg08539965	2.41E-09	2.14E-10	-6.7	12.7315333	-1.18E-01	21396338	21396461	NC_000001.10
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cg11338339	2.41E-09	2.15E-10	-6.7	12.7299219	-1.35E-01	194823909	194824032	NC_000003.11
cg12346083	2.41E-09	2.15E-10	-6.7	12.7297066	-7.38E-02	137549537	137549660	NC_000005.9
cg14361654	2.42E-09	2.15E-10	-6.7	12.7283907	-1.17E-01	139615215	139615338	NC_000009.11
cg05360714	2.42E-09	2.15E-10	-6.7	12.7280438	-1.07E-01	75543046	75543169	NC_000017.10
cg18313182	2.42E-09	2.15E-10	-6.7	12.7267436	-1.10E-01	818903	819026	NC_000011.9
cg18703983	2.42E-09	2.15E-10	-6.7	12.7266955	-1.26E-01	18097337	18097460	NC_000002.11
cg08769634	2.42E-09	2.15E-10	-6.7	12.7266613	-1.17E-01	71657362	71657485	NC_000016.9
cg24222546	2.42E-09	2.15E-10	-6.7	12.7265991	-1.18E-01	74501771	74501894	NC_000015.9
cg22654626	2.42E-09	2.16E-10	-6.7	12.7265554	-6.35E-02	18699620	18699743	NC_000019.9
ch.14.1499103R	2.42E-09	2.16E-10	-6.7	12.725526	-5.14E-02	93412334	93412457	NC_000014.8
cg20322832	2.43E-09	2.16E-10	-6.7	12.7247109	-7.86E-02	73073878	73074001	NC_000017.10
cg08861826	2.43E-09	2.16E-10	-6.7	12.7233818	-2.55E-02	18416224	18416347	NC_000011.9
cg04657183	2.43E-09	2.16E-10	-6.7	12.7232323	-1.30E-01	175636905	175637028	NC_000002.11
cg09853043	2.43E-09	2.16E-10	-6.7	12.7224439	-4.87E-02	74658628	74658751	NC_000008.10
cg26858152	2.43E-09	2.16E-10	-6.7	12.7223531	-1.25E-01	140971523	140971646	NC_000008.10
cg24048361	2.43E-09	2.16E-10	-6.7	12.7222385	-6.04E-02	224776790	224776913	NC_000001.10
cg27054424	2.43E-09	2.16E-10	-6.7	12.722064	-1.54E-01	105094993	105095116	NC_000007.13
cg21448513	2.43E-09	2.17E-10	-6.7	12.7208737	-7.87E-02	57103638	57103761	NC_000008.10
cg00954566	2.43E-09	2.17E-10	-6.7	12.7203649	-1.64E-02	102106405	102106528	NC_000010.10
cg06832359	2.44E-09	2.17E-10	-6.7	12.7196349	-8.82E-02	205633759	205633882	NC_000001.10
cg02902975	2.44E-09	2.17E-10	-6.7	12.7194155	-1.32E-01	67360129	67360252	NC_000016.9

cg13295242	2.44E-09	2.17E-10	-6.7	12.7192745	-8.56E-02	7239718	7239841	NC_000017.10
ch.5.38673910R	2.44E-09	2.17E-10	-6.7	12.7189189	-2.07E-02	38638153	38638276	NC_000005.9
cg21655969	2.44E-09	2.17E-10	-6.7	12.7184871	-5.64E-02	90792609	90792732	NC_000015.9
cg08454546	2.44E-09	2.17E-10	-6.7	12.7178055	-1.29E-01	59731340	59731463	NC_000015.9
cg13731605	2.44E-09	2.18E-10	-6.7	12.716821	-8.95E-02	21660372	21660495	NC_000014.8
cg19599407	2.44E-09	2.18E-10	-6.7	12.7166178	-9.90E-02	33360214	33360337	NC_000015.9
cg08011941	2.44E-09	2.18E-10	-6.7	12.7162452	-1.30E-01	140333139	140333262	NC_000009.11
cg07786355	2.45E-09	2.18E-10	-6.7	12.7155655	-1.11E-01	90913036	90913159	NC_000010.10
cg07027613	2.45E-09	2.18E-10	-6.7	12.7154652	-5.97E-02	7260608	7260731	NC_000012.11
cg09397246	2.45E-09	2.18E-10	-6.7	12.7151495	-1.47E-01	91427361	91427484	NC_000015.9
cg03835824	2.45E-09	2.18E-10	-6.7	12.7151106	-1.19E-01	90744010	90744133	NC_000015.9
cg09886009	2.45E-09	2.18E-10	-6.7	12.7144804	-1.27E-01	67443131	67443254	NC_000011.9
cg26041076	2.45E-09	2.18E-10	-6.7	12.7132211	-7.56E-02	236249	236372	NC_000017.10
cg04387059	2.45E-09	2.19E-10	-6.7	12.7125928	-1.19E-01	31698722	31698845	NC_000006.11
cg24513433	2.45E-09	2.19E-10	-6.7	12.712258	-5.05E-02	47088234	47088357	NC_000018.9
cg00634606	2.45E-09	2.19E-10	-6.7	12.7118964	-6.24E-02	218933345	218933468	NC_000002.11
cg16706749	2.46E-09	2.19E-10	-6.7	12.7113352	-9.14E-02	74222816	74222939	NC_000015.9
cg26038697	2.46E-09	2.19E-10	-6.7	12.7112388	-1.11E-01	74128448	74128571	NC_000017.10
cg04753107	2.46E-09	2.19E-10	-6.7	12.7106542	-4.97E-02	31172130	31172253	NC_000020.10
cg02795691	2.46E-09	2.19E-10	-6.7	12.7104342	-1.05E-01	17514397	17514520	NC_000020.10
cg12378878	2.46E-09	2.19E-10	-6.7	12.7087962	-6.94E-02	50700606	50700729	NC_000013.10
cg07180458	2.46E-09	2.19E-10	-6.7	12.7085913	-1.24E-01	19600912	19601035	NC_000001.10
cg19096540	2.46E-09	2.19E-10	-6.7	12.7085349	-5.53E-02	133748191	133748314	NC_000005.9
cg00535683	2.46E-09	2.20E-10	-6.7	12.7083502	-1.21E-01	153114002	153114125	NC_000001.10
cg01611626	2.46E-09	2.20E-10	-6.7	12.708206	-8.24E-02	2565338	2565461	NC_000016.9

cg25908283	2.47E-09	2.20E-10	-6.7	12.7061018	-1.26E-01	107124524	107124647	NC_000013.10
cg14316231	2.47E-09	2.20E-10	-6.7	12.7056827	-1.34E-01	41895100	41895223	NC_000008.10
cg20562359	2.47E-09	2.20E-10	-6.7	12.704983	-1.08E-01	41024817	41024940	NC_000017.10
cg01243297	2.47E-09	2.20E-10	-6.7	12.7049518	-4.50E-02	33160292	33160415	NC_000006.11
cg05537210	2.47E-09	2.20E-10	-6.7	12.7044771	-5.40E-02	110650914	110651037	NC_000004.11
cg12206103	2.47E-09	2.21E-10	-6.7	12.704	-9.08E-02	90319516	90319639	NC_000015.9
cg01396022	2.48E-09	2.21E-10	-6.7	12.700503	-6.22E-02	9811990	9812113	NC_000003.11
cg17467525	2.48E-09	2.22E-10	-6.7	12.6989566	-1.08E-01	9686523	9686646	NC_000001.10
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cg03074210	2.50E-09	2.23E-10	-6.7	12.6937041	-1.19E-01	606568	606691	NC_000011.9
cg24206161	2.50E-09	2.23E-10	-6.7	12.6933827	-4.72E-02	1014844	1014967	NC_000007.13
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cg00202829	2.51E-09	2.24E-10	-6.69	12.6897019	-7.29E-02	74609868	74609991	NC_000015.9
cg06359394	2.51E-09	2.24E-10	-6.69	12.6895382	-1.03E-01	187559328	187559451	NC_000002.11
cg07807210	2.51E-09	2.24E-10	-6.69	12.6892831	-1.24E-01	74770431	74770554	NC_000018.9
cg08478623	2.51E-09	2.24E-10	-6.69	12.6886974	-1.24E-01	37816339	37816462	NC_000002.11
cg04181892	2.51E-09	2.24E-10	-6.69	12.6881232	-8.87E-02	54936027	54936150	NC_000002.11
cg19484381	2.51E-09	2.24E-10	-6.69	12.6872803	-3.51E-02	28890673	28890796	NC_000006.11
cg16097858	2.52E-09	2.25E-10	-6.69	12.6852454	-1.17E-01	46765700	46765823	NC_000002.11
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cg22443510	2.52E-09	2.25E-10	-6.69	12.6836786	-8.44E-02	73062083	73062206	NC_000007.13

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cg09944659	2.57E-09	2.29E-10	-6.69	12.6651502	-1.11E-01	124779228	124779351	NC_000012.11

cg07011168	2.57E-09	2.30E-10	-6.69	12.6643189	-1.12E-01	49797259	49797382	NC_000010.10
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cg27657867	2.60E-09	2.32E-10	-6.69	12.6532872	-4.01E-02	27818018	27818141	NC_000011.9
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cg00022606	2.60E-09	2.33E-10	-6.69	12.6520247	-4.20E-02	442445	442568	NC_000020.10
cg10800280	2.60E-09	2.33E-10	-6.69	12.6499658	-4.23E-02	36646508	36646631	NC_000006.11
cg13324189	2.61E-09	2.33E-10	-6.69	12.6489666	-5.36E-02	10535140	10535263	NC_000019.9
cg22149184	2.61E-09	2.33E-10	-6.69	12.6485812	-1.21E-01	79372515	79372638	NC_000017.10
cg19098768	2.61E-09	2.33E-10	-6.69	12.6484649	-9.47E-02	13689411	13689534	NC_000011.9



cg23551494	2.61E-09	2.34E-10	-6.69	12.647038	-1.79E-01	39495535	39495658	NC_000017.10
cg15843217	2.61E-09	2.34E-10	-6.69	12.6468991	-9.02E-02	699224	699347	NC_000004.11
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cg01824603	2.65E-09	2.37E-10	-6.68	12.6327957	-1.59E-01	1878323	1878446	NC_000008.10
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cg04028070	2.66E-09	2.38E-10	-6.68	12.6274165	-4.63E-02	12391599	12391722	NC_000010.10
cg07034563	2.66E-09	2.39E-10	-6.68	12.6261485	-1.21E-01	176919739	176919862	NC_000005.9
cg26160976	2.67E-09	2.39E-10	-6.68	12.6247629	-6.43E-02	130184750	130184873	NC_000011.9
cg02159731	2.67E-09	2.39E-10	-6.68	12.6237551	-1.80E-01	119613405	119613528	NC_000011.9

cg12095353	2.67E-09	2.39E-10	-6.68	12.6236703	-1.35E-01	125369577	125369700	NC_000012.11
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cg17156100	2.68E-09	2.40E-10	-6.68	12.619942	-6.70E-02	145910685	145910808	NC_000008.10
cg02992118	2.68E-09	2.41E-10	-6.68	12.618396	-9.44E-02	88470787	88470910	NC_000016.9
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cg23497678	2.69E-09	2.41E-10	-6.68	12.6160438	-5.66E-02	100822744	100822867	NC_000007.13
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cg15568914	2.70E-09	2.42E-10	-6.68	12.6130629	-7.67E-02	13325790	13325913	NC_000004.11
cg24507955	2.70E-09	2.42E-10	-6.68	12.6125749	-9.58E-02	49339070	49339193	NC_000015.9
cg08078648	2.70E-09	2.42E-10	-6.68	12.611351	-1.65E-01	236236591	236236714	NC_000002.11
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cg08660999	2.72E-09	2.44E-10	-6.68	12.6038917	-5.71E-02	1592898	1593021	NC_000019.9
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cg03817794	2.73E-09	2.45E-10	-6.68	12.6018403	-9.02E-02	1475775	1475898	NC_000011.9
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cg20909664	2.74E-09	2.46E-10	-6.68	12.597257	-2.49E-02	46390261	46390384	NC_000019.9
cg02625024	2.74E-09	2.46E-10	-6.68	12.5971387	-1.02E-01	17465361	17465484	NC_000017.10
ch.3.3302591F	2.74E-09	2.46E-10	-6.68	12.5970992	-4.54E-02	169964358	169964481	NC_000003.11
cg04441191	2.74E-09	2.46E-10	-6.68	12.5967464	-5.29E-02	48130393	48130516	NC_000003.11
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cg12502297	2.75E-09	2.47E-10	-6.68	12.5940865	-1.22E-01	37618817	37618940	NC_000021.8
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cg09139144	2.75E-09	2.47E-10	-6.68	12.592262	-3.59E-02	36429274	36429397	NC_000007.13
cg13447502	2.75E-09	2.47E-10	-6.68	12.5922326	-9.61E-02	469777	469900	NC_000009.11
cg18269382	2.75E-09	2.47E-10	-6.68	12.5919363	-1.14E-01	77328166	77328289	NC_000014.8
cg03844154	2.75E-09	2.47E-10	-6.68	12.5913345	-7.08E-02	14031414	14031537	NC_000007.13
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ch.13.63716R	2.76E-09	2.48E-10	-6.68	12.590361	-5.37E-02	21732504	21732627	NC_000013.10
cg04483101	2.77E-09	2.49E-10	-6.68	12.5867631	-1.33E-01	189349278	189349401	NC_000003.11
cg11940960	2.77E-09	2.49E-10	-6.68	12.5853958	-7.67E-02	34913894	34914017	NC_000021.8
cg25261228	2.77E-09	2.49E-10	-6.68	12.5852688	-6.61E-02	43566114	43566237	NC_000013.10

cg01719405	2.77E-09	2.49E-10	-6.68	12.5847477	-1.81E-01	62401258	62401381	NC_000014.8
cg27345286	2.77E-09	2.49E-10	-6.68	12.5847065	-5.29E-02	33796106	33796229	NC_000011.9
cg12170787	2.77E-09	2.49E-10	-6.68	12.5844597	-1.15E-01	1130965	1131088	NC_000019.9
cg26216891	2.78E-09	2.50E-10	-6.67	12.5818366	-2.86E-02	30669342	30669465	NC_000017.10
cg06707993	2.78E-09	2.50E-10	-6.67	12.5802918	-1.66E-01	78152466	78152589	NC_000017.10
cg09322432	2.78E-09	2.50E-10	-6.67	12.5796758	-1.01E-01	42527611	42527734	NC_000022.10
cg08062023	2.79E-09	2.50E-10	-6.67	12.5793928	-6.20E-02	111393015	111393138	NC_000003.11
cg23764603	2.79E-09	2.50E-10	-6.67	12.5791111	-1.58E-01	19976820	19976943	NC_000017.10
cg11548446	2.79E-09	2.50E-10	-6.67	12.5790047	-1.46E-01	28867073	28867196	NC_000002.11
cg05354479	2.79E-09	2.51E-10	-6.67	12.5778307	-6.44E-02	71276874	71276997	NC_000014.8
cg03328360	2.80E-09	2.51E-10	-6.67	12.5756038	-7.78E-02	87551805	87551928	NC_000016.9
cg19020103	2.80E-09	2.52E-10	-6.67	12.5745931	-6.12E-02	147999849	147999972	NC_000001.10
cg19165946	2.81E-09	2.52E-10	-6.67	12.5711737	-1.52E-01	138719443	138719566	NC_000007.13
cg20701457	2.81E-09	2.53E-10	-6.67	12.5711516	-1.39E-01	62084342	62084465	NC_000017.10
cg08599249	2.81E-09	2.53E-10	-6.67	12.5701778	-1.21E-01	128265902	128266025	NC_000008.10
cg03920003	2.82E-09	2.53E-10	-6.67	12.5676785	-1.28E-01	154582007	154582130	NC_000001.10
cg16223079	2.82E-09	2.54E-10	-6.67	12.5671738	-1.15E-01	75339541	75339664	NC_000015.9
cg07475390	2.82E-09	2.54E-10	-6.67	12.5671169	-1.29E-01	14440604	14440727	NC_000001.10
ch.3.2924837R	2.82E-09	2.54E-10	-6.67	12.5658535	-5.18E-02	148109078	148109201	NC_000003.11
cg23998391	2.82E-09	2.54E-10	-6.67	12.5657329	-9.47E-02	57848560	57848683	NC_000012.11
cg27291468	2.82E-09	2.54E-10	-6.67	12.5650284	-1.69E-01	9878816	9878939	NC_000002.11
cg20744756	2.82E-09	2.54E-10	-6.67	12.5648777	-1.42E-01	95201495	95201618	NC_000001.10
cg07818563	2.83E-09	2.54E-10	-6.67	12.5644062	-3.79E-02	16043225	16043348	NC_000016.9
cg23087661	2.83E-09	2.54E-10	-6.67	12.5641067	-1.21E-01	2940825	2940948	NC_000001.10
cg12366423	2.83E-09	2.55E-10	-6.67	12.5633054	-1.36E-01	38403622	38403745	NC_000005.9

cg18655522	2.83E-09	2.55E-10	-6.67	12.5632875	-8.94E-02	69424756	69424879	NC_000014.8
cg22861669	2.83E-09	2.55E-10	-6.67	12.5627311	-1.13E-01	9904386	9904509	NC_000001.10
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cg20969896	2.84E-09	2.55E-10	-6.67	12.5603966	-1.57E-02	35201751	35201874	NC_000020.10
cg12380441	2.84E-09	2.55E-10	-6.67	12.5600426	-1.00E-01	1403976	1404099	NC_000011.9
cg06523516	2.84E-09	2.55E-10	-6.67	12.559888	-8.83E-02	794646	794769	NC_000002.11
ch.10.5571894F	2.84E-09	2.56E-10	-6.67	12.5586093	-3.61E-02	5581896	5582019	NC_000010.10
cg06895913	2.84E-09	2.56E-10	-6.67	12.5582971	-1.64E-01	58957910	58958033	NC_000005.9
cg02926622	2.84E-09	2.56E-10	-6.67	12.5580336	-3.90E-02	144386041	144386164	NC_000006.11
ch.7.2667284R	2.84E-09	2.56E-10	-6.67	12.5577494	-2.14E-02	128843678	128843801	NC_000007.13
cg14177084	2.85E-09	2.56E-10	-6.67	12.5566166	-1.16E-01	75269642	75269765	NC_000007.13
cg23953309	2.85E-09	2.57E-10	-6.67	12.5556229	-3.01E-02	112193859	112193982	NC_000006.11
cg20064122	2.85E-09	2.57E-10	-6.67	12.5555551	-5.95E-02	18593362	18593485	NC_000022.10
cg07826255	2.86E-09	2.57E-10	-6.67	12.5530858	-1.02E-01	48243707	48243830	NC_000017.10
cg16988008	2.86E-09	2.57E-10	-6.67	12.5530519	-5.11E-02	108463728	108463851	NC_000011.9
cg12535402	2.86E-09	2.57E-10	-6.67	12.5528727	-1.37E-01	139525150	139525273	NC_000005.9
cg01616440	2.86E-09	2.58E-10	-6.67	12.5515538	-1.49E-01	84319908	84320031	NC_000015.9
cg07047471	2.86E-09	2.58E-10	-6.67	12.5503686	-1.29E-01	27353034	27353157	NC_000003.11
cg00940212	2.86E-09	2.58E-10	-6.67	12.5497207	-2.57E-02	30633751	30633874	NC_000007.13
cg15789106	2.87E-09	2.58E-10	-6.67	12.548537	-8.54E-02	563990	564113	NC_000011.9
cg25567674	2.87E-09	2.59E-10	-6.67	12.5470353	-8.01E-02	123751655	123751778	NC_000003.11
cg01068014	2.88E-09	2.59E-10	-6.67	12.5457681	-3.71E-02	92000225	92000348	NC_000013.10
cg04609307	2.88E-09	2.59E-10	-6.67	12.5454592	-2.05E-02	8378356	8378479	NC_000001.10
cg20777266	2.88E-09	2.59E-10	-6.67	12.5451999	-5.84E-02	173000377	173000500	NC_000005.9
cg16833264	2.88E-09	2.60E-10	-6.67	12.5438448	-2.85E-02	75052603	75052726	NC_000017.10

cg06221470	2.88E-09	2.60E-10	-6.67	12.5438106	-2.32E-02	2353869	2353992	NC_000007.13
cg13221796	2.89E-09	2.60E-10	-6.67	12.5419567	-1.52E-01	48876919	48877042	NC_000013.10
cg16711694	2.89E-09	2.60E-10	-6.67	12.5417304	-3.29E-02	34656625	34656748	NC_000005.9
cg06654510	2.89E-09	2.61E-10	-6.67	12.5402542	-1.45E-01	119993914	119994037	NC_000011.9
cg25587223	2.89E-09	2.61E-10	-6.67	12.5401103	-1.19E-01	7905928	7906051	NC_000017.10
cg16796959	2.89E-09	2.61E-10	-6.67	12.5390042	-1.13E-01	145061291	145061414	NC_000008.10
cg05160751	2.90E-09	2.61E-10	-6.67	12.5382896	-1.52E-01	24192033	24192156	NC_000001.10
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cg03747456	2.90E-09	2.62E-10	-6.67	12.5365648	-6.40E-02	52586127	52586250	NC_000012.11
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cg20364050	2.91E-09	2.63E-10	-6.67	12.5323724	-1.63E-01	825240	825363	NC_000020.10
cg23123017	2.91E-09	2.63E-10	-6.67	12.5323034	-1.42E-01	1765679	1765802	NC_000008.10
cg09852107	2.91E-09	2.63E-10	-6.67	12.531825	-5.01E-02	57226342	57226465	NC_000011.9
cg26709234	2.91E-09	2.63E-10	-6.67	12.5318085	-9.48E-02	82868296	82868419	NC_000016.9
cg03433986	2.91E-09	2.63E-10	-6.67	12.531699	-1.68E-01	62477624	62477747	NC_000011.9
cg07594531	2.92E-09	2.63E-10	-6.67	12.5314761	-9.02E-02	35225326	35225449	NC_000001.10
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cg25529965	2.92E-09	2.63E-10	-6.67	12.5310767	-3.42E-02	56174084	56174207	NC_000007.13
cg18456621	2.92E-09	2.63E-10	-6.67	12.5307362	-1.06E-01	80297270	80297393	NC_000017.10
cg26125060	2.92E-09	2.63E-10	-6.67	12.5302046	-8.17E-02	160112854	160112977	NC_000005.9
cg08096702	2.92E-09	2.64E-10	-6.67	12.5289481	-1.54E-01	31358323	31358446	NC_000015.9
cg22150397	2.93E-09	2.64E-10	-6.66	12.5276861	-7.42E-02	82752718	82752841	NC_000012.11
cg25402480	2.93E-09	2.64E-10	-6.66	12.5265937	-9.02E-02	53719777	53719900	NC_000012.11
cg01736403	2.93E-09	2.64E-10	-6.66	12.5261038	-3.99E-02	52312682	52312805	NC_000003.11
cg00480356	2.93E-09	2.65E-10	-6.66	12.5252915	-5.53E-02	44092806	44092929	NC_000015.9

cg23592730	2.93E-09	2.65E-10	-6.66	12.525087	-1.72E-02	33570795	33570918	NC_000017.10
cg25138553	2.93E-09	2.65E-10	-6.66	12.5247282	-1.44E-01	22223841	22223964	NC_000001.10
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cg24043307	2.94E-09	2.65E-10	-6.66	12.5235743	-4.81E-02	51157954	51158077	NC_000012.11
cg19406182	2.94E-09	2.66E-10	-6.66	12.5216465	-1.09E-01	37721149	37721272	NC_000022.10
cg14939691	2.94E-09	2.66E-10	-6.66	12.5215334	-1.86E-02	53289981	53290104	NC_000003.11
cg21160610	2.94E-09	2.66E-10	-6.66	12.5206799	-5.61E-02	43662639	43662762	NC_000015.9
cg21853348	2.95E-09	2.66E-10	-6.66	12.5197133	-1.35E-01	197247074	197247197	NC_000003.11
cg23439621	2.95E-09	2.66E-10	-6.66	12.5196405	-6.69E-02	102228216	102228339	NC_000014.8
cg25318211	2.95E-09	2.66E-10	-6.66	12.5189252	-1.42E-01	109778433	109778556	NC_000006.11
cg12081645	2.95E-09	2.66E-10	-6.66	12.5183926	-1.04E-01	157920476	157920599	NC_000004.11
cg04421974	2.95E-09	2.67E-10	-6.66	12.5175759	-2.11E-01	134224814	134224937	NC_000008.10
cg00575645	2.96E-09	2.67E-10	-6.66	12.5159386	-1.14E-01	169548502	169548625	NC_000005.9
cg23965905	2.96E-09	2.67E-10	-6.66	12.5156259	-2.80E-02	157827874	157827997	NC_000003.11
ch.10.80061816F	2.96E-09	2.67E-10	-6.66	12.5148662	-8.41E-02	80391810	80391933	NC_000010.10
cg22029015	2.96E-09	2.68E-10	-6.66	12.5143568	-1.75E-01	236674257	236674380	NC_000002.11
cg00830086	2.96E-09	2.68E-10	-6.66	12.5140359	-1.17E-01	979504	979627	NC_000008.10
cg21911861	2.96E-09	2.68E-10	-6.66	12.5137339	-1.48E-02	39832561	39832684	NC_000019.9
cg10647465	2.97E-09	2.68E-10	-6.66	12.5119353	-1.51E-01	126582242	126582365	NC_000011.9
cg00189366	2.97E-09	2.68E-10	-6.66	12.5113706	-9.90E-02	43846705	43846828	NC_000010.10
cg01196531	2.97E-09	2.69E-10	-6.66	12.5106471	-1.68E-01	53083238	53083361	NC_000015.9
cg02968918	2.97E-09	2.69E-10	-6.66	12.5101228	-1.15E-01	184908541	184908664	NC_000004.11
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cg26726589	2.98E-09	2.69E-10	-6.66	12.5093092	-5.92E-02	306364	306487	NC_000020.10
cg25614726	2.98E-09	2.69E-10	-6.66	12.5085241	-8.79E-02	10490058	10490181	NC_000001.10

cg03781084	2.98E-09	2.69E-10	-6.66	12.5080922	-3.16E-02	26191726	26191849	NC_000007.13
cg15462411	2.98E-09	2.69E-10	-6.66	12.5076648	-6.16E-02	79361621	79361744	NC_000017.10
cg16101213	2.98E-09	2.70E-10	-6.66	12.5068651	-1.23E-01	127861992	127862115	NC_000007.13
cg10888811	2.99E-09	2.70E-10	-6.66	12.5057695	-9.80E-02	242620306	242620429	NC_000002.11
cg06934394	2.99E-09	2.70E-10	-6.66	12.5039707	-1.15E-01	101959848	101959971	NC_000013.10
cg12646385	2.99E-09	2.70E-10	-6.66	12.5038005	-6.28E-02	173846180	173846303	NC_000005.9
cg05480370	3.00E-09	2.71E-10	-6.66	12.5005173	-1.13E-01	136522913	136523036	NC_000005.9
cg10683615	3.01E-09	2.72E-10	-6.66	12.4992957	-1.22E-01	30790683	30790806	NC_000007.13
cg16079358	3.01E-09	2.72E-10	-6.66	12.4992224	-4.46E-02	23340577	23340700	NC_000014.8
cg12457270	3.01E-09	2.72E-10	-6.66	12.4980428	-1.16E-01	116678438	116678561	NC_000010.10
cg01385356	3.01E-09	2.72E-10	-6.66	12.4973502	-7.69E-02	76837375	76837498	NC_000017.10
cg21273275	3.01E-09	2.72E-10	-6.66	12.4968819	-1.58E-01	24648328	24648451	NC_000001.10
cg03826976	3.01E-09	2.72E-10	-6.66	12.4967684	-1.10E-01	7695433	7695556	NC_000011.9
cg25949961	3.02E-09	2.73E-10	-6.66	12.4959721	-1.46E-01	79166676	79166799	NC_000017.10
cg22929280	3.02E-09	2.73E-10	-6.66	12.4958052	-1.38E-01	81134497	81134620	NC_000015.9
cg06953065	3.02E-09	2.73E-10	-6.66	12.4945307	-4.19E-02	70159215	70159338	NC_000007.13
cg17612991	3.02E-09	2.73E-10	-6.66	12.4936988	-1.40E-01	6721016	6721139	NC_000019.9
cg00935119	3.03E-09	2.74E-10	-6.66	12.4924911	-4.06E-02	36647544	36647667	NC_000006.11
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cg14016187	3.03E-09	2.74E-10	-6.66	12.4912453	-1.39E-01	92806854	92806977	NC_000009.11
cg02246002	3.03E-09	2.74E-10	-6.66	12.4911261	-1.06E-01	37101457	37101580	NC_000013.10
cg27134730	3.03E-09	2.74E-10	-6.66	12.4911211	-1.53E-01	124633001	124633124	NC_000007.13
cg05690685	3.03E-09	2.74E-10	-6.66	12.490794	-7.44E-02	20293200	20293323	NC_000008.10
cg03763874	3.04E-09	2.75E-10	-6.66	12.4890802	-1.27E-01	933707	933830	NC_000019.9
cg10273210	3.04E-09	2.75E-10	-6.66	12.4881112	-2.34E-02	160167665	160167788	NC_000003.11



cg01328949	3.04E-09	2.75E-10	-6.66	12.4879376	-1.41E-01	113499849	113499972	NC_000001.10
cg24937735	3.04E-09	2.75E-10	-6.66	12.4860279	-1.22E-01	94245226	94245349	NC_000001.10
cg11146884	3.05E-09	2.76E-10	-6.66	12.4856705	-4.18E-02	107487800	107487923	NC_000012.11
cg00583535	3.05E-09	2.76E-10	-6.66	12.4852674	-9.68E-02	201159906	201160029	NC_000001.10
cg03209871	3.05E-09	2.76E-10	-6.66	12.4833883	-1.70E-01	76438412	76438535	NC_000004.11
cg13524082	3.05E-09	2.76E-10	-6.66	12.4833529	-1.32E-01	119294283	119294406	NC_000011.9
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cg04028695	3.06E-09	2.77E-10	-6.66	12.4812557	-1.49E-01	80008319	80008442	NC_000010.10
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cg05395852	3.06E-09	2.77E-10	-6.66	12.4802229	-9.58E-02	128750384	128750507	NC_000007.13
cg11944110	3.07E-09	2.78E-10	-6.66	12.4774622	-1.49E-01	117581067	117581190	NC_000012.11
cg01626569	3.07E-09	2.78E-10	-6.66	12.4769574	-3.98E-02	20911881	20912004	NC_000016.9
cg11233384	3.08E-09	2.79E-10	-6.66	12.474148	-5.75E-02	19615702	19615825	NC_000001.10
cg02664479	3.08E-09	2.79E-10	-6.66	12.4739058	-1.39E-01	62690218	62690341	NC_000020.10
cg13575139	3.08E-09	2.79E-10	-6.65	12.4736767	-9.34E-02	58456976	58457099	NC_000003.11
cg05049784	3.08E-09	2.79E-10	-6.65	12.4736753	-4.44E-02	22202424	22202547	NC_000016.9
cg05309454	3.08E-09	2.79E-10	-6.65	12.4730911	-3.19E-02	79791505	79791628	NC_000017.10
cg08826460	3.08E-09	2.79E-10	-6.65	12.4723183	-4.76E-02	11201433	11201556	NC_000019.9
cg12496014	3.08E-09	2.79E-10	-6.65	12.4722477	-1.14E-01	38619790	38619913	NC_000017.10
cg20286882	3.09E-09	2.79E-10	-6.65	12.4720737	-1.15E-01	33432514	33432637	NC_000010.10
cg14462015	3.09E-09	2.80E-10	-6.65	12.4714084	-5.34E-02	79860507	79860630	NC_000004.11
cg21638374	3.09E-09	2.80E-10	-6.65	12.4704259	-4.02E-02	147763491	147763614	NC_000005.9
cg08874974	3.09E-09	2.80E-10	-6.65	12.4699001	-9.46E-02	9049803	9049926	NC_000003.11
cg05986288	3.09E-09	2.80E-10	-6.65	12.469513	-1.37E-01	74616750	74616873	NC_000005.9

cg19805953	3.09E-09	2.80E-10	-6.65	12.4688706	-1.05E-01	48828412	48828535	NC_000019.9
cg23488616	3.10E-09	2.81E-10	-6.65	12.4680396	-7.62E-02	159065864	159065987	NC_000006.11
cg00366722	3.10E-09	2.81E-10	-6.65	12.4666992	-2.85E-02	37393576	37393699	NC_000015.9
cg10477854	3.10E-09	2.81E-10	-6.65	12.4660192	-8.20E-02	40760975	40761098	NC_000021.8
cg09820183	3.11E-09	2.81E-10	-6.65	12.4653459	-3.81E-02	222886073	222886196	NC_000001.10
cg20968717	3.11E-09	2.81E-10	-6.65	12.4649493	-1.03E-01	58758468	58758591	NC_000015.9
cg00825047	3.11E-09	2.82E-10	-6.65	12.4634691	-3.80E-02	40226572	40226695	NC_000015.9
cg24416660	3.11E-09	2.82E-10	-6.65	12.4630511	-1.44E-01	73865998	73866121	NC_000017.10
cg13375427	3.11E-09	2.82E-10	-6.65	12.4628928	-1.52E-01	39216687	39216810	NC_000017.10
cg22864617	3.11E-09	2.82E-10	-6.65	12.4621904	-1.09E-01	155338265	155338388	NC_000002.11
cg10623219	3.12E-09	2.82E-10	-6.65	12.4617322	-8.25E-02	52242807	52242930	NC_000012.11
cg24059741	3.12E-09	2.83E-10	-6.65	12.4588777	-4.09E-02	59249828	59249951	NC_000001.10
cg03267442	3.12E-09	2.83E-10	-6.65	12.4588253	-5.99E-02	82210566	82210689	NC_000010.10
cg08140891	3.13E-09	2.83E-10	-6.65	12.4585911	-6.66E-02	154955627	154955750	NC_000001.10
cg18960028	3.13E-09	2.83E-10	-6.65	12.4583008	-3.16E-02	75526075	75526198	NC_000011.9
cg22976120	3.13E-09	2.84E-10	-6.65	12.457023	-1.38E-01	48040772	48040895	NC_000011.9
cg25326319	3.13E-09	2.84E-10	-6.65	12.4559727	-9.59E-02	1733132	1733255	NC_000007.13
cg24374159	3.13E-09	2.84E-10	-6.65	12.4559649	-1.65E-02	45496476	45496599	NC_000010.10
cg17449465	3.14E-09	2.84E-10	-6.65	12.4550564	-1.08E-01	93205295	93205418	NC_000007.13
cg00486915	3.14E-09	2.84E-10	-6.65	12.4546848	-1.41E-01	152877614	152877737	NC_000003.11
ch.10.19309820R	3.14E-09	2.84E-10	-6.65	12.454584	-4.01E-02	19269814	19269937	NC_000010.10
cg07375836	3.14E-09	2.84E-10	-6.65	12.4545439	-1.42E-01	35717813	35717936	NC_000017.10
cg18970754	3.14E-09	2.85E-10	-6.65	12.453539	-4.36E-02	74079533	74079656	NC_000014.8
cg26022064	3.14E-09	2.85E-10	-6.65	12.45289	-9.17E-02	98739782	98739905	NC_000007.13
cg26923862	3.14E-09	2.85E-10	-6.65	12.4524941	-1.80E-01	1041256	1041379	NC_000016.9

cg07975472	3.15E-09	2.85E-10	-6.65	12.45163	-3.23E-02	1503610	1503733	NC_000019.9
cg13581507	3.15E-09	2.85E-10	-6.65	12.4509441	-4.67E-02	37075286	37075409	NC_000020.10
cg18921306	3.15E-09	2.86E-10	-6.65	12.4503346	-8.84E-02	75596055	75596178	NC_000007.13
cg09811317	3.16E-09	2.86E-10	-6.65	12.447615	-2.15E-02	29297826	29297949	NC_000017.10
cg13411784	3.16E-09	2.86E-10	-6.65	12.4473034	-9.01E-02	140473680	140473803	NC_000009.11
cg19821682	3.16E-09	2.87E-10	-6.65	12.4456266	-1.24E-01	4849063	4849186	NC_000001.10
cg00815862	3.17E-09	2.87E-10	-6.65	12.4449321	-1.46E-02	88851914	88852037	NC_000016.9
cg03232342	3.17E-09	2.87E-10	-6.65	12.4449088	-9.57E-02	13828356	13828479	NC_000019.9
cg12121965	3.17E-09	2.87E-10	-6.65	12.4448819	-5.56E-02	46293563	46293686	NC_000021.8
cg20059337	3.17E-09	2.88E-10	-6.65	12.4438521	-9.69E-02	100686693	100686816	NC_000002.11
cg15117681	3.18E-09	2.88E-10	-6.65	12.4413728	-1.13E-01	80202426	80202549	NC_000017.10
cg16568084	3.18E-09	2.88E-10	-6.65	12.4411959	-1.25E-01	93811563	93811686	NC_000007.13
cg22974915	3.18E-09	2.88E-10	-6.65	12.4411909	-9.93E-02	2306444	2306567	NC_000019.9
cg03876174	3.18E-09	2.89E-10	-6.65	12.4403713	-3.84E-02	33378508	33378631	NC_000006.11
cg16670736	3.18E-09	2.89E-10	-6.65	12.4399483	-1.17E-01	157777149	157777272	NC_000007.13
cg06895640	3.18E-09	2.89E-10	-6.65	12.4395077	-1.77E-01	93277191	93277314	NC_000011.9
cg09959112	3.18E-09	2.89E-10	-6.65	12.4390714	-3.06E-02	10973301	10973424	NC_000016.9
cg19377234	3.19E-09	2.89E-10	-6.65	12.4388022	-4.91E-02	125482197	125482320	NC_000003.11
cg03834767	3.19E-09	2.89E-10	-6.65	12.4386426	-1.49E-01	90794392	90794515	NC_000007.13
cg08946844	3.19E-09	2.90E-10	-6.65	12.4367302	-1.33E-01	110511112	110511235	NC_000012.11
cg03909504	3.20E-09	2.90E-10	-6.65	12.4349825	-7.24E-02	25959847	25959970	NC_000017.10
cg16800975	3.20E-09	2.91E-10	-6.65	12.4326131	-6.64E-02	17434541	17434664	NC_000008.10
cg23946709	3.21E-09	2.91E-10	-6.65	12.4319052	-6.59E-02	23527317	23527440	NC_000014.8
cg13531460	3.21E-09	2.92E-10	-6.65	12.4300389	-1.24E-01	231790813	231790936	NC_000002.11
cg05261349	3.22E-09	2.92E-10	-6.65	12.4282326	-1.27E-01	70473841	70473964	NC_000016.9

cg04928457	3.22E-09	2.93E-10	-6.65	12.4260693	-1.71E-01	186835866	186835989	NC_000004.11
cg21862081	3.23E-09	2.93E-10	-6.65	12.4258427	-1.08E-01	77769687	77769810	NC_000014.8
cg10259265	3.23E-09	2.93E-10	-6.65	12.4255408	-1.31E-01	242557379	242557502	NC_000002.11
cg02705474	3.23E-09	2.93E-10	-6.65	12.4245683	-1.31E-01	50156979	50157102	NC_000012.11
cg00679556	3.23E-09	2.94E-10	-6.65	12.423487	-1.41E-01	30080782	30080905	NC_000006.11
cg24495017	3.23E-09	2.94E-10	-6.65	12.4233817	-1.23E-01	134370530	134370653	NC_000005.9
cg09606421	3.23E-09	2.94E-10	-6.65	12.4232333	-9.10E-02	143154107	143154230	NC_000006.11
cg18711535	3.24E-09	2.94E-10	-6.65	12.4227249	-1.42E-01	64736348	64736471	NC_000015.9
cg24911837	3.24E-09	2.94E-10	-6.65	12.422343	-1.09E-01	65227864	65227987	NC_000007.13
cg25233569	3.24E-09	2.94E-10	-6.65	12.4211776	-4.66E-02	62703741	62703864	NC_000010.10
cg09283548	3.25E-09	2.95E-10	-6.64	12.4191224	-1.33E-01	233404220	233404343	NC_000002.11
cg13563863	3.25E-09	2.95E-10	-6.64	12.4175906	-3.40E-02	3506439	3506562	NC_000019.9
cg15282281	3.25E-09	2.95E-10	-6.64	12.4171179	-1.03E-01	88024557	88024680	NC_000010.10
cg03578548	3.25E-09	2.96E-10	-6.64	12.4168239	-1.19E-01	91267411	91267534	NC_000009.11
cg13655586	3.26E-09	2.96E-10	-6.64	12.4157615	-4.36E-02	111202389	111202512	NC_000007.13
cg01128109	3.26E-09	2.96E-10	-6.64	12.4148679	-1.19E-01	89989507	89989630	NC_000001.10
cg16753939	3.26E-09	2.96E-10	-6.64	12.4141422	-1.30E-01	624457	624580	NC_000011.9
cg08780020	3.26E-09	2.96E-10	-6.64	12.4139449	-4.16E-02	105892880	105893003	NC_000011.9
cg22795891	3.26E-09	2.97E-10	-6.64	12.4136414	-1.20E-01	192543908	192544031	NC_000002.11
cg01245423	3.27E-09	2.97E-10	-6.64	12.4118691	-4.86E-02	98080212	98080335	NC_000009.11
cg10835417	3.27E-09	2.97E-10	-6.64	12.4114697	-7.85E-02	94985190	94985313	NC_000015.9
cg00658451	3.27E-09	2.97E-10	-6.64	12.4107726	-2.17E-02	96336545	96336668	NC_000012.11
cg02097190	3.27E-09	2.97E-10	-6.64	12.4103959	-3.20E-02	113392116	113392239	NC_000001.10
ch.8.101580865F	3.28E-09	2.98E-10	-6.64	12.4097366	-2.73E-02	101511689	101511812	NC_000008.10
cg14009900	3.28E-09	2.98E-10	-6.64	12.4093792	-7.37E-02	93983210	93983333	NC_000009.11

cg11723077	3.28E-09	2.98E-10	-6.64	12.4088965	-1.24E-01	158508188	158508311	NC_000006.11
cg26924465	3.28E-09	2.98E-10	-6.64	12.4087951	-4.80E-02	52095961	52096084	NC_000005.9
cg22345428	3.28E-09	2.98E-10	-6.64	12.408375	-1.16E-01	129781496	129781619	NC_000011.9
cg00387357	3.28E-09	2.99E-10	-6.64	12.4070242	-1.63E-01	3484049	3484172	NC_000004.11
cg22333016	3.29E-09	2.99E-10	-6.64	12.4053295	-3.98E-02	54244258	54244381	NC_000004.11
cg24355048	3.29E-09	2.99E-10	-6.64	12.4037797	-1.22E-01	25045028	25045151	NC_000014.8
cg03730958	3.29E-09	3.00E-10	-6.64	12.4036145	-3.63E-02	1312519	1312642	NC_000006.11
cg22233906	3.30E-09	3.00E-10	-6.64	12.4023734	-1.20E-01	170340932	170341055	NC_000003.11
cg18567944	3.30E-09	3.00E-10	-6.64	12.4021365	-2.93E-02	42843864	42843987	NC_000020.10
cg11304968	3.30E-09	3.00E-10	-6.64	12.4017495	-1.32E-01	44016194	44016317	NC_000021.8
cg20208600	3.30E-09	3.00E-10	-6.64	12.4010764	-8.88E-02	61159687	61159810	NC_000011.9
cg04885832	3.30E-09	3.00E-10	-6.64	12.4008482	-1.32E-01	176560265	176560388	NC_000005.9
cg13424393	3.30E-09	3.01E-10	-6.64	12.4003291	-1.05E-01	80569923	80570046	NC_000017.10
cg19055803	3.31E-09	3.01E-10	-6.64	12.400029	-5.22E-02	12947164	12947287	NC_000019.9
cg26184028	3.31E-09	3.01E-10	-6.64	12.3988742	-7.22E-02	151814932	151815055	NC_000006.11
cg12546785	3.31E-09	3.01E-10	-6.64	12.3988162	-1.33E-01	17615189	17615312	NC_000017.10
cg12274898	3.31E-09	3.01E-10	-6.64	12.3977721	-1.50E-01	153586108	153586231	NC_000001.10
cg07186199	3.31E-09	3.01E-10	-6.64	12.3974597	-1.41E-01	95243243	95243366	NC_000014.8
cg27535044	3.32E-09	3.02E-10	-6.64	12.3966804	-4.08E-02	82633568	82633691	NC_000008.10
cg17372101	3.32E-09	3.02E-10	-6.64	12.3951492	-1.46E-01	147500722	147500845	NC_000007.13
cg06956500	3.32E-09	3.02E-10	-6.64	12.3948458	-3.94E-02	173684595	173684718	NC_000001.10
cg17777432	3.33E-09	3.03E-10	-6.64	12.3930071	-1.76E-01	172068999	172069122	NC_000005.9
cg19089701	3.33E-09	3.03E-10	-6.64	12.3921978	-1.01E-01	126398731	126398854	NC_000008.10
cg08607082	3.33E-09	3.03E-10	-6.64	12.3914809	-3.48E-02	10381924	10382047	NC_000019.9
cg18494018	3.33E-09	3.03E-10	-6.64	12.3914435	-3.66E-02	148581708	148581831	NC_000007.13

cg17852482	3.34E-09	3.04E-10	-6.64	12.3900388	-1.89E-01	80833054	80833177	NC_000017.10
cg01597398	3.34E-09	3.04E-10	-6.64	12.3890651	-1.00E-01	40250727	40250850	NC_000017.10
cg25254338	3.34E-09	3.04E-10	-6.64	12.3886314	-1.06E-01	32158616	32158739	NC_000015.9
cg03899229	3.35E-09	3.04E-10	-6.64	12.3875656	-1.68E-01	8821258	8821381	NC_000008.10
cg05331340	3.35E-09	3.05E-10	-6.64	12.387155	-9.49E-02	7083064	7083187	NC_000017.10
cg04312358	3.35E-09	3.05E-10	-6.64	12.3868127	-7.53E-02	41197166	41197289	NC_000019.9
cg22701032	3.35E-09	3.05E-10	-6.64	12.3864034	-1.26E-01	70484527	70484650	NC_000002.11
cg12498580	3.35E-09	3.05E-10	-6.64	12.3855198	-8.51E-02	7070732	7070855	NC_000012.11
cg14901284	3.35E-09	3.05E-10	-6.64	12.384991	-8.92E-02	49072348	49072471	NC_000011.9
cg18095506	3.36E-09	3.06E-10	-6.64	12.3840931	-4.30E-02	137834707	137834830	NC_000003.11
cg24054582	3.36E-09	3.06E-10	-6.64	12.3827463	-1.74E-01	193973521	193973644	NC_000003.11
cg27357316	3.37E-09	3.06E-10	-6.64	12.3813685	-9.77E-02	37365987	37366110	NC_000017.10
cg04468092	3.37E-09	3.07E-10	-6.64	12.3807592	-9.26E-02	25003537	25003660	NC_000004.11
cg03552103	3.37E-09	3.07E-10	-6.64	12.3802812	-1.35E-01	110373002	110373125	NC_000002.11
cg03050022	3.38E-09	3.07E-10	-6.64	12.3781006	-1.88E-01	55559759	55559882	NC_000015.9
cg12325349	3.38E-09	3.07E-10	-6.64	12.3779372	-4.68E-02	73143076	73143199	NC_000002.11
cg07997596	3.38E-09	3.08E-10	-6.64	12.3757283	-1.41E-01	3685319	3685442	NC_000001.10
ch.2.170674427F	3.39E-09	3.09E-10	-6.64	12.3743415	-8.64E-02	170966181	170966304	NC_000002.11
cg06151718	3.39E-09	3.09E-10	-6.64	12.3735393	-1.57E-01	74753334	74753457	NC_000002.11
cg21843755	3.40E-09	3.09E-10	-6.64	12.3722403	-7.44E-02	71558577	71558700	NC_000002.11
ch.11.2590R	3.40E-09	3.09E-10	-6.64	12.3721379	-5.35E-02	245924	246047	NC_000011.9
cg24604417	3.40E-09	3.09E-10	-6.64	12.371982	-6.61E-02	49995694	49995817	NC_000005.9
cg26465602	3.40E-09	3.10E-10	-6.64	12.3714748	-1.13E-01	1098847	1098970	NC_000016.9
cg02100150	3.40E-09	3.10E-10	-6.64	12.3713547	-1.85E-01	128920485	128920608	NC_000008.10
cg14151317	3.40E-09	3.10E-10	-6.64	12.3703693	-1.43E-01	139916869	139916992	NC_000009.11

cg19207017	3.40E-09	3.10E-10	-6.64	12.3699818	-7.75E-02	104316063	104316186	NC_000010.10
cg14546714	3.41E-09	3.11E-10	-6.64	12.3683695	-3.54E-02	73179300	73179423	NC_000017.10
cg14218861	3.41E-09	3.11E-10	-6.64	12.3669688	-1.36E-01	119443973	119444096	NC_000010.10
cg02881158	3.41E-09	3.11E-10	-6.64	12.3665765	-1.61E-01	154143948	154144071	NC_000004.11
cg17702736	3.41E-09	3.11E-10	-6.64	12.366463	-1.70E-01	35941709	35941832	NC_000006.11
ch.20.18164830R	3.42E-09	3.11E-10	-6.64	12.3656159	-3.44E-02	18216830	18216953	NC_000020.10
cg15400703	3.42E-09	3.12E-10	-6.63	12.364253	-1.16E-01	93391194	93391317	NC_000014.8
cg23594693	3.42E-09	3.12E-10	-6.63	12.3640215	-1.24E-01	41703970	41704093	NC_000006.11
cg04839259	3.42E-09	3.12E-10	-6.63	12.3639544	-1.04E-01	123873277	123873400	NC_000010.10
cg14109456	3.42E-09	3.12E-10	-6.63	12.3634862	-1.24E-01	127040562	127040685	NC_000009.11
cg08678055	3.43E-09	3.13E-10	-6.63	12.361869	-1.20E-01	74164800	74164923	NC_000015.9
cg21878385	3.43E-09	3.13E-10	-6.63	12.3618238	-8.68E-02	54398956	54399079	NC_000004.11
cg06705361	3.43E-09	3.13E-10	-6.63	12.361241	-1.18E-01	135889377	135889500	NC_000006.11
cg00379272	3.43E-09	3.13E-10	-6.63	12.3599647	-5.78E-02	22306534	22306657	NC_000011.9
cg27360567	3.44E-09	3.13E-10	-6.63	12.359583	-5.70E-02	49941613	49941736	NC_000003.11
cg15606962	3.44E-09	3.13E-10	-6.63	12.3592023	-2.18E-02	45909324	45909447	NC_000017.10
cg07894717	3.44E-09	3.14E-10	-6.63	12.358089	-7.40E-02	10508598	10508721	NC_000001.10
cg18121829	3.44E-09	3.14E-10	-6.63	12.3572225	-1.27E-01	107388741	107388864	NC_000012.11
cg15558299	3.45E-09	3.14E-10	-6.63	12.356566	-5.53E-02	205599988	205600111	NC_000001.10
cg13560058	3.45E-09	3.15E-10	-6.63	12.3556182	-1.24E-01	1097233	1097356	NC_000001.10
cg09911521	3.45E-09	3.15E-10	-6.63	12.3548047	-1.57E-01	5828301	5828424	NC_000019.9
cg03453764	3.45E-09	3.15E-10	-6.63	12.3544559	-2.75E-02	2918704	2918827	NC_000016.9
cg24392939	3.45E-09	3.15E-10	-6.63	12.353889	-1.62E-01	97591258	97591381	NC_000003.11
cg07106881	3.46E-09	3.15E-10	-6.63	12.3529956	-1.81E-02	1004554	1004677	NC_000004.11
cg08362283	3.46E-09	3.16E-10	-6.63	12.3515858	-8.53E-02	89119663	89119786	NC_000016.9

cg10328768	3.46E-09	3.16E-10	-6.63	12.3513885	-1.65E-01	3210325	3210448	NC_000001.10
cg18226957	3.46E-09	3.16E-10	-6.63	12.3508384	-4.43E-02	128604857	128604980	NC_000002.11
cg15558129	3.47E-09	3.16E-10	-6.63	12.3502735	-5.76E-02	219347279	219347402	NC_000001.10
cg02927074	3.48E-09	3.17E-10	-6.63	12.3474807	-1.24E-01	80860549	80860672	NC_000015.9
cg09022458	3.48E-09	3.18E-10	-6.63	12.345728	-4.07E-02	43538617	43538740	NC_000020.10
cg04936178	3.48E-09	3.18E-10	-6.63	12.3446848	-8.52E-02	157072649	157072772	NC_000007.13
cg19683073	3.50E-09	3.19E-10	-6.63	12.3409229	-1.70E-01	79553267	79553390	NC_000005.9
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cg21840908	3.50E-09	3.20E-10	-6.63	12.3401389	-7.61E-02	75596046	75596169	NC_000007.13
cg02001060	3.50E-09	3.20E-10	-6.63	12.339997	-1.23E-01	108408962	108409085	NC_000011.9
cg24694691	3.50E-09	3.20E-10	-6.63	12.3399382	-1.11E-01	111927153	111927276	NC_000001.10
cg20664247	3.50E-09	3.20E-10	-6.63	12.3398085	-9.40E-02	2345475	2345598	NC_000001.10
cg27664407	3.50E-09	3.20E-10	-6.63	12.3391989	-1.40E-01	5116674	5116797	NC_000016.9
cg15373950	3.50E-09	3.20E-10	-6.63	12.3385992	-4.73E-02	99039295	99039418	NC_000012.11
cg17511195	3.51E-09	3.21E-10	-6.63	12.3369392	-2.98E-02	95007541	95007664	NC_000001.10
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cg18289508	3.54E-09	3.24E-10	-6.63	12.327948	-1.34E-01	36990155	36990278	NC_000003.11
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cg20852302	3.55E-09	3.24E-10	-6.63	12.3256155	-1.20E-01	44784898	44785021	NC_000020.10
cg27097542	3.55E-09	3.25E-10	-6.63	12.3243527	-9.81E-02	11706435	11706558	NC_000016.9
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cg09744448	3.57E-09	3.26E-10	-6.63	12.3194334	-1.85E-01	156998546	156998669	NC_000005.9
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cg27220681	3.69E-09	3.38E-10	-6.62	12.2855937	-4.20E-02	685915	686038	NC_000017.10
cg06062378	3.70E-09	3.39E-10	-6.62	12.2827185	-1.69E-01	112387002	112387125	NC_000005.9
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cg17083925	3.70E-09	3.40E-10	-6.62	12.2806813	-1.18E-01	36793373	36793496	NC_000020.10
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cg22907692	3.70E-09	3.40E-10	-6.62	12.2802158	-1.02E-01	101455506	101455629	NC_000014.8
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cg18684951	3.71E-09	3.41E-10	-6.62	12.2778721	-1.14E-01	141700490	141700613	NC_000005.9
cg23613429	3.72E-09	3.41E-10	-6.62	12.2760567	-1.20E-01	187464068	187464191	NC_000002.11
cg06157388	3.72E-09	3.42E-10	-6.62	12.2750333	-2.03E-02	50396996	50397119	NC_000003.11
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cg23949524	3.73E-09	3.42E-10	-6.62	12.2722816	-5.54E-02	96588205	96588328	NC_000012.11
cg03535253	3.74E-09	3.43E-10	-6.62	12.2708434	-1.87E-01	93706571	93706694	NC_000014.8
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cg18250651	3.75E-09	3.44E-10	-6.62	12.2679584	-3.01E-02	74181035	74181158	NC_000014.8
cg14565752	3.76E-09	3.45E-10	-6.62	12.2656375	-1.43E-01	47955003	47955126	NC_000019.9
cg10752190	3.76E-09	3.45E-10	-6.62	12.265599	-9.48E-02	9604414	9604537	NC_000017.10
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cg26499663	3.76E-09	3.46E-10	-6.62	12.2635558	-1.36E-01	61835175	61835298	NC_000008.10
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cg19324023	3.79E-09	3.48E-10	-6.62	12.2575369	-9.54E-02	51170003	51170126	NC_000022.10
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cg05815196	3.79E-09	3.48E-10	-6.62	12.2571116	-1.00E-01	31536540	31536663	NC_000022.10
cg08704154	3.79E-09	3.48E-10	-6.62	12.2570566	-8.55E-02	13297839	13297962	NC_000017.10
cg22780146	3.79E-09	3.48E-10	-6.61	12.2559599	-3.58E-02	7260707	7260830	NC_000012.11
cg20715824	3.79E-09	3.48E-10	-6.61	12.2558116	-3.65E-02	100752144	100752267	NC_000014.8
cg27388703	3.79E-09	3.48E-10	-6.61	12.2556851	-1.67E-01	50004281	50004404	NC_000019.9
cg10727432	3.80E-09	3.49E-10	-6.61	12.2541307	-1.33E-01	72083707	72083830	NC_000014.8
cg27601574	3.80E-09	3.49E-10	-6.61	12.2537754	-1.02E-01	31498863	31498986	NC_000022.10
cg08013793	3.80E-09	3.49E-10	-6.61	12.2529462	-1.04E-01	49905354	49905477	NC_000003.11
cg26616148	3.80E-09	3.49E-10	-6.61	12.2528151	-3.68E-02	45681407	45681530	NC_000019.9
cg08878352	3.80E-09	3.49E-10	-6.61	12.2527136	-3.44E-02	30035220	30035343	NC_000006.11
cg05684195	3.80E-09	3.49E-10	-6.61	12.2526906	-1.02E-01	9920572	9920695	NC_000003.11
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cg24021113	3.81E-09	3.50E-10	-6.61	12.250997	-1.83E-01	3752849	3752972	NC_000006.11
cg11384924	3.81E-09	3.50E-10	-6.61	12.2507713	-9.47E-02	33160224	33160347	NC_000006.11
cg05519181	3.81E-09	3.50E-10	-6.61	12.2502881	-5.66E-02	42541252	42541375	NC_000022.10
cg10695429	3.81E-09	3.50E-10	-6.61	12.2497594	-6.44E-02	185542769	185542892	NC_000003.11
cg05321721	3.82E-09	3.51E-10	-6.61	12.2489136	-3.88E-02	104094918	104095041	NC_000014.8

cg03784994	3.82E-09	3.51E-10	-6.61	12.2488882	-9.83E-02	1556050	1556173	NC_000011.9
cg10126324	3.82E-09	3.51E-10	-6.61	12.2475114	-8.35E-02	1052600	1052723	NC_000001.10
cg18079334	3.83E-09	3.52E-10	-6.61	12.2462443	-6.66E-02	98503376	98503499	NC_000015.9
cg17103217	3.83E-09	3.52E-10	-6.61	12.2460836	-1.17E-01	33245721	33245844	NC_000006.11
cg14534803	3.83E-09	3.52E-10	-6.61	12.2457844	-1.40E-01	19692446	19692569	NC_000011.9
cg09304803	3.83E-09	3.52E-10	-6.61	12.2454984	-9.28E-02	149976	150099	NC_000007.13
cg24511341	3.83E-09	3.52E-10	-6.61	12.2452735	-3.67E-02	111358516	111358639	NC_000013.10
cg26089007	3.83E-09	3.52E-10	-6.61	12.2450381	-1.23E-01	44256337	44256460	NC_000018.9
cg16048006	3.84E-09	3.53E-10	-6.61	12.2435453	-1.19E-01	2065263	2065386	NC_000001.10
cg13100962	3.84E-09	3.53E-10	-6.61	12.2426236	-1.11E-01	33921158	33921281	NC_000011.9
cg20804831	3.85E-09	3.54E-10	-6.61	12.2410257	-5.22E-02	131080579	131080702	NC_000003.11
cg25815298	3.85E-09	3.54E-10	-6.61	12.2406462	-7.03E-02	155703360	155703483	NC_000006.11
cg22863798	3.85E-09	3.54E-10	-6.61	12.239602	-2.77E-02	130889913	130890036	NC_000009.11
cg04804139	3.85E-09	3.54E-10	-6.61	12.239595	-9.12E-02	124901555	124901678	NC_000012.11
ch.6.2649866F	3.85E-09	3.54E-10	-6.61	12.2390196	-4.33E-02	138083694	138083817	NC_000006.11
cg24061580	3.86E-09	3.55E-10	-6.61	12.2377208	-5.07E-02	151573966	151574089	NC_000007.13
cg26689934	3.86E-09	3.55E-10	-6.61	12.2372537	-1.25E-01	10839502	10839625	NC_000001.10
cg21476940	3.86E-09	3.55E-10	-6.61	12.2359371	-1.24E-01	160854954	160855077	NC_000001.10
cg26912314	3.88E-09	3.57E-10	-6.61	12.2328361	-1.20E-01	56291781	56291904	NC_000016.9
cg04144533	3.88E-09	3.57E-10	-6.61	12.2305889	-9.89E-02	206681983	206682106	NC_000001.10
cg04205769	3.89E-09	3.58E-10	-6.61	12.2300418	-1.17E-01	101488098	101488221	NC_000001.10
cg22480490	3.89E-09	3.58E-10	-6.61	12.229505	-6.60E-02	88316373	88316496	NC_000002.11
cg09741240	3.89E-09	3.58E-10	-6.61	12.2285353	-7.48E-02	3000097	3000220	NC_000006.11
cg14528386	3.89E-09	3.58E-10	-6.61	12.2280649	-1.03E-01	848440	848563	NC_000001.10
ch.2.113772948R	3.89E-09	3.58E-10	-6.61	12.2277686	-3.79E-02	114056478	114056601	NC_000002.11

cg00832547	3.89E-09	3.58E-10	-6.61	12.227683	-1.57E-01	102701390	102701513	NC_000014.8
cg16220294	3.90E-09	3.59E-10	-6.61	12.2267226	-1.22E-01	45924140	45924263	NC_000015.9
cg04115544	3.90E-09	3.59E-10	-6.61	12.2263803	-7.12E-02	55108438	55108561	NC_000018.9
cg07899956	3.90E-09	3.59E-10	-6.61	12.2256082	-5.23E-02	74261249	74261372	NC_000017.10
cg17078883	3.90E-09	3.59E-10	-6.61	12.22519	-1.07E-01	28759936	28760059	NC_000010.10
cg00928894	3.90E-09	3.59E-10	-6.61	12.2247959	-3.03E-02	188269	188392	NC_000016.9
cg23836542	3.91E-09	3.60E-10	-6.61	12.222928	-5.60E-02	29233705	29233828	NC_000007.13
cg07404400	3.92E-09	3.61E-10	-6.61	12.2203552	-5.03E-02	180649609	180649732	NC_000005.9
cg05491930	3.93E-09	3.62E-10	-6.61	12.2185621	-6.53E-02	99872786	99872909	NC_000006.11
cg02572713	3.93E-09	3.62E-10	-6.61	12.2183737	-1.06E-01	80239356	80239479	NC_000008.10
cg15621458	3.93E-09	3.62E-10	-6.61	12.2169237	-1.48E-01	97300429	97300552	NC_000012.11
cg17460285	3.93E-09	3.62E-10	-6.61	12.2168576	-7.43E-02	40985453	40985576	NC_000017.10
cg11159604	3.94E-09	3.63E-10	-6.61	12.2146145	-1.10E-01	91316223	91316346	NC_000001.10
ch.7.647988F	3.94E-09	3.63E-10	-6.61	12.2144487	-1.62E-02	26052839	26052962	NC_000007.13
cg10155432	3.95E-09	3.64E-10	-6.61	12.21272	-8.91E-02	1293933	1294056	NC_000007.13
cg12407867	3.96E-09	3.65E-10	-6.61	12.2104457	-1.36E-01	1167369	1167492	NC_000004.11
cg22985172	3.96E-09	3.65E-10	-6.61	12.2102423	-1.18E-01	151258337	151258460	NC_000006.11
cg23257935	3.96E-09	3.65E-10	-6.61	12.2102052	-4.72E-02	118727834	118727957	NC_000001.10
cg03065107	3.96E-09	3.65E-10	-6.61	12.2095006	-1.18E-01	31497155	31497278	NC_000002.11
cg01987202	3.97E-09	3.66E-10	-6.61	12.207975	-8.48E-02	40633194	40633317	NC_000015.9
cg07596299	3.97E-09	3.66E-10	-6.61	12.2068236	-4.15E-02	71824057	71824180	NC_000011.9
cg06634460	3.97E-09	3.66E-10	-6.61	12.2068195	-7.12E-02	123380891	123381014	NC_000012.11
cg20810997	3.98E-09	3.67E-10	-6.61	12.2047738	-9.63E-02	29978353	29978476	NC_000020.10
cg04714041	3.98E-09	3.67E-10	-6.61	12.2037974	-1.33E-01	35068710	35068833	NC_000019.9
cg15440512	3.98E-09	3.67E-10	-6.61	12.2034493	-7.26E-02	4401718	4401841	NC_000017.10

cg09335647	3.99E-09	3.68E-10	-6.6	12.2020069	-1.21E-01	147097440	147097563	NC_000007.13
cg16948053	3.99E-09	3.68E-10	-6.6	12.2012085	-3.36E-02	169386691	169386814	NC_000003.11
cg04159098	3.99E-09	3.68E-10	-6.6	12.2010471	-1.00E-01	33982683	33982806	NC_000001.10
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cg26559707	4.00E-09	3.69E-10	-6.6	12.1987247	-1.11E-01	47367816	47367939	NC_000007.13
cg11431346	4.00E-09	3.69E-10	-6.6	12.198355	-9.22E-02	45670478	45670601	NC_000015.9
cg10056854	4.01E-09	3.70E-10	-6.6	12.1977262	-5.23E-02	22019337	22019460	NC_000016.9
cg08411512	4.01E-09	3.70E-10	-6.6	12.1969966	-6.95E-02	25846519	25846642	NC_000020.10
cg14826683	4.01E-09	3.70E-10	-6.6	12.1969004	-1.59E-01	153013830	153013953	NC_000001.10
cg19951818	4.01E-09	3.70E-10	-6.6	12.1958042	-7.19E-02	45969823	45969946	NC_000003.11
cg14849071	4.02E-09	3.70E-10	-6.6	12.1952686	-5.26E-02	226070470	226070593	NC_000001.10
cg26426395	4.02E-09	3.71E-10	-6.6	12.1952018	-1.46E-01	8870227	8870350	NC_000002.11
ch.8.56925254R	4.02E-09	3.71E-10	-6.6	12.1950015	-3.28E-02	56762700	56762823	NC_000008.10
cg09636163	4.03E-09	3.71E-10	-6.6	12.1926185	-1.53E-01	111829360	111829483	NC_000002.11
cg12741295	4.03E-09	3.71E-10	-6.6	12.1926077	-4.81E-02	197518711	197518834	NC_000003.11
cg26297808	4.03E-09	3.72E-10	-6.6	12.1910867	-1.15E-01	1372924	1373047	NC_000007.13
cg06705122	4.03E-09	3.72E-10	-6.6	12.1908625	-1.18E-01	49371079	49371202	NC_000019.9
cg20707991	4.03E-09	3.72E-10	-6.6	12.1905473	-8.51E-02	157333949	157334072	NC_000007.13
cg03033182	4.03E-09	3.72E-10	-6.6	12.1904482	-1.20E-01	141177619	141177742	NC_000004.11
cg09576223	4.04E-09	3.72E-10	-6.6	12.1900406	-9.01E-02	39092757	39092880	NC_000022.10
cg26177629	4.04E-09	3.73E-10	-6.6	12.1884911	-5.17E-02	27793549	27793672	NC_000010.10
cg11623714	4.04E-09	3.73E-10	-6.6	12.1879801	-2.87E-02	155601176	155601299	NC_000007.13
cg21723559	4.04E-09	3.73E-10	-6.6	12.1876177	-1.25E-01	44048174	44048297	NC_000020.10
cg24624624	4.05E-09	3.74E-10	-6.6	12.1870565	-7.97E-02	66036125	66036248	NC_000011.9
cg16718891	4.05E-09	3.74E-10	-6.6	12.1867932	-2.13E-02	54813155	54813278	NC_000012.11

cg14779271	4.05E-09	3.74E-10	-6.6	12.1860124	-1.24E-01	109838678	109838801	NC_000004.11
cg22600610	4.05E-09	3.74E-10	-6.6	12.1851979	-6.51E-02	21300625	21300748	NC_000001.10
cg23756173	4.05E-09	3.74E-10	-6.6	12.1851728	-1.41E-01	26577713	26577836	NC_000017.10
cg24622544	4.06E-09	3.74E-10	-6.6	12.18472	-1.10E-01	121021673	121021796	NC_000012.11
cg27572072	4.06E-09	3.75E-10	-6.6	12.1842641	-1.41E-01	958244	958367	NC_000007.13
cg11245181	4.06E-09	3.75E-10	-6.6	12.1824519	-1.64E-01	149772854	149772977	NC_000006.11
cg21451265	4.06E-09	3.75E-10	-6.6	12.1824074	-4.60E-02	97187319	97187442	NC_000001.10
cg16587707	4.07E-09	3.75E-10	-6.6	12.1821017	-1.22E-01	2920265	2920388	NC_000011.9
cg27306678	4.07E-09	3.76E-10	-6.6	12.1819603	-1.79E-01	9994280	9994403	NC_000003.11
cg16455444	4.07E-09	3.76E-10	-6.6	12.1817128	-1.57E-01	140676190	140676313	NC_000008.10
cg27294629	4.07E-09	3.76E-10	-6.6	12.1816136	-3.63E-02	176513704	176513827	NC_000005.9
cg09458420	4.07E-09	3.76E-10	-6.6	12.1809193	-1.03E-01	231661317	231661440	NC_000002.11
cg04894027	4.07E-09	3.76E-10	-6.6	12.1808017	-1.13E-01	17951184	17951307	NC_000001.10
cg16315417	4.08E-09	3.76E-10	-6.6	12.1796397	-1.78E-01	2187457	2187580	NC_000001.10
cg14746387	4.09E-09	3.78E-10	-6.6	12.1768413	-1.61E-01	172879299	172879422	NC_000005.9
cg25098478	4.09E-09	3.78E-10	-6.6	12.1754748	-1.08E-01	27464538	27464661	NC_000001.10
cg08156809	4.10E-09	3.78E-10	-6.6	12.1746874	-6.24E-02	74071310	74071433	NC_000007.13
cg04458969	4.11E-09	3.80E-10	-6.6	12.171624	-1.04E-01	183733105	183733228	NC_000002.11
cg23428143	4.11E-09	3.80E-10	-6.6	12.1713549	-1.41E-01	57385648	57385771	NC_000014.8
cg24490529	4.12E-09	3.80E-10	-6.6	12.1691408	-9.89E-02	4279385	4279508	NC_000007.13
cg11912215	4.12E-09	3.81E-10	-6.6	12.1675068	-1.04E-01	1377931	1378054	NC_000002.11
cg03178838	4.13E-09	3.81E-10	-6.6	12.16657	-2.36E-01	1132339	1132462	NC_000019.9
cg00789198	4.14E-09	3.82E-10	-6.6	12.1642249	-1.34E-01	42007378	42007501	NC_000019.9
cg21210523	4.14E-09	3.83E-10	-6.6	12.1635404	-4.55E-02	13940715	13940838	NC_000019.9
cg02070114	4.14E-09	3.83E-10	-6.6	12.1626903	-3.18E-02	139555300	139555423	NC_000005.9



cg15664152	4.15E-09	3.83E-10	-6.6	12.1615866	-1.33E-01	129008407	129008530	NC_000007.13
cg06130072	4.15E-09	3.84E-10	-6.6	12.1600584	-6.58E-02	1036714	1036837	NC_000011.9
cg01708812	4.16E-09	3.85E-10	-6.6	12.1574748	-3.93E-02	71222655	71222778	NC_000002.11
cg09944616	4.17E-09	3.85E-10	-6.6	12.1568832	-9.26E-02	80275880	80276003	NC_000017.10
cg06720084	4.17E-09	3.85E-10	-6.6	12.1564483	-1.64E-01	69776369	69776492	NC_000016.9
cg03339956	4.17E-09	3.86E-10	-6.6	12.1558074	-1.17E-01	114818235	114818358	NC_000010.10
cg03784048	4.17E-09	3.86E-10	-6.6	12.1552438	-1.55E-01	9229746	9229869	NC_000016.9
cg17100696	4.17E-09	3.86E-10	-6.6	12.1550219	-4.09E-02	71088862	71088985	NC_000017.10
cg22905192	4.18E-09	3.86E-10	-6.6	12.1541882	-1.02E-01	55019140	55019263	NC_000004.11
cg01438829	4.18E-09	3.87E-10	-6.6	12.1537158	-1.54E-02	26646651	26646774	NC_000017.10
cg19992474	4.18E-09	3.87E-10	-6.6	12.1535461	-1.14E-01	154985807	154985930	NC_000007.13
cg06710328	4.18E-09	3.87E-10	-6.6	12.1535145	-1.47E-01	33217195	33217318	NC_000011.9
cg23023970	4.18E-09	3.87E-10	-6.6	12.1527787	-8.32E-02	134385698	134385821	NC_000010.10
cg17452249	4.18E-09	3.87E-10	-6.6	12.1524781	-1.36E-01	245287858	245287981	NC_000001.10
cg21448788	4.20E-09	3.88E-10	-6.6	12.1493937	-1.85E-02	10826971	10827094	NC_000012.11
cg02998992	4.21E-09	3.89E-10	-6.59	12.1470346	-4.21E-02	19265610	19265733	NC_000017.10
cg27442140	4.21E-09	3.90E-10	-6.59	12.146049	-5.69E-02	38456210	38456333	NC_000001.10
cg15206981	4.21E-09	3.90E-10	-6.59	12.1453094	-1.31E-01	124323013	124323136	NC_000004.11
cg27530186	4.22E-09	3.90E-10	-6.59	12.1450204	-1.86E-01	121688459	121688582	NC_000012.11
cg01823416	4.22E-09	3.90E-10	-6.59	12.144025	-3.85E-02	47082372	47082495	NC_000001.10
cg25910466	4.22E-09	3.90E-10	-6.59	12.1437896	-4.27E-02	21283998	21284121	NC_000020.10
cg01061944	4.22E-09	3.91E-10	-6.59	12.1435511	-2.54E-02	43129736	43129859	NC_000017.10
cg27061971	4.22E-09	3.91E-10	-6.59	12.1430836	-7.82E-02	72746990	72747113	NC_000005.9
cg08778148	4.22E-09	3.91E-10	-6.59	12.142613	-1.31E-01	188406934	188407057	NC_000002.11
cg02360862	4.23E-09	3.91E-10	-6.59	12.1421781	-1.31E-01	226411954	226412077	NC_000001.10

cg18577214	4.23E-09	3.91E-10	-6.59	12.1421016	-2.59E-02	3819306	3819429	NC_000011.9
cg12407070	4.23E-09	3.92E-10	-6.59	12.1408684	-1.37E-01	149034450	149034573	NC_000003.11
ch.12.2884971R	4.23E-09	3.92E-10	-6.59	12.1405969	-4.77E-02	132503991	132504114	NC_000012.11
cg19345149	4.23E-09	3.92E-10	-6.59	12.1401077	-3.37E-02	116658875	116658998	NC_000011.9
cg11068337	4.24E-09	3.92E-10	-6.59	12.1391976	-8.38E-02	43224582	43224705	NC_000017.10
cg00618711	4.24E-09	3.92E-10	-6.59	12.13885	-8.61E-02	70688052	70688175	NC_000016.9
cg25514328	4.24E-09	3.92E-10	-6.59	12.1387038	-4.38E-02	78549324	78549447	NC_000017.10
cg27637363	4.24E-09	3.93E-10	-6.59	12.1382471	-6.05E-02	27945387	27945510	NC_000017.10
cg16872106	4.24E-09	3.93E-10	-6.59	12.137653	-5.89E-02	18268459	18268582	NC_000020.10
cg20827077	4.25E-09	3.93E-10	-6.59	12.1370398	-1.22E-01	33171339	33171462	NC_000015.9
cg24021846	4.25E-09	3.93E-10	-6.59	12.1368918	-1.11E-01	103556529	103556652	NC_000007.13
ch.8.902189R	4.25E-09	3.94E-10	-6.59	12.1360582	-2.91E-02	38143723	38143846	NC_000008.10
cg25336765	4.26E-09	3.94E-10	-6.59	12.1349323	-1.34E-01	131008537	131008660	NC_000008.10
cg16868190	4.26E-09	3.94E-10	-6.59	12.1344079	-5.12E-02	12377377	12377500	NC_000018.9
cg18120111	4.26E-09	3.95E-10	-6.59	12.1331932	-5.21E-02	43917047	43917170	NC_000021.8
cg10501036	4.26E-09	3.95E-10	-6.59	12.1329975	-3.42E-02	103058097	103058220	NC_000014.8
cg23062006	4.26E-09	3.95E-10	-6.59	12.1328396	-6.21E-02	46940220	46940343	NC_000011.9
cg08134671	4.26E-09	3.95E-10	-6.59	12.1327296	-1.34E-01	2542837	2542960	NC_000019.9
cg08346127	4.27E-09	3.96E-10	-6.59	12.1308879	-1.25E-01	31871019	31871142	NC_000020.10
cg23475112	4.27E-09	3.96E-10	-6.59	12.1306676	-1.47E-01	131725325	131725448	NC_000005.9
cg00584422	4.27E-09	3.96E-10	-6.59	12.1302716	-1.04E-01	23724774	23724897	NC_000016.9
cg08180187	4.28E-09	3.96E-10	-6.59	12.1297897	-1.03E-01	24796689	24796812	NC_000004.11
cg22119676	4.28E-09	3.96E-10	-6.59	12.1292407	-1.32E-01	33057712	33057835	NC_000002.11
ch.9.2172872F	4.28E-09	3.96E-10	-6.59	12.128987	-2.11E-02	131891362	131891485	NC_000009.11
cg20777257	4.28E-09	3.97E-10	-6.59	12.1283238	-8.91E-02	173841038	173841161	NC_000005.9

cg24870662	4.28E-09	3.97E-10	-6.59	12.1280776	-9.79E-02	16179321	16179444	NC_000019.9
cg13286318	4.28E-09	3.97E-10	-6.59	12.1279774	-5.19E-02	57906058	57906181	NC_000008.10
cg14669515	4.29E-09	3.97E-10	-6.59	12.1275583	-1.09E-01	9386821	9386944	NC_000001.10
cg04885336	4.29E-09	3.97E-10	-6.59	12.1272084	-6.55E-02	195270848	195270971	NC_000003.11
cg05714672	4.29E-09	3.97E-10	-6.59	12.1267434	-4.84E-02	15469004	15469127	NC_000003.11
cg24254891	4.29E-09	3.97E-10	-6.59	12.1263905	-1.20E-01	40395315	40395438	NC_000022.10
cg07471203	4.29E-09	3.98E-10	-6.59	12.1256486	-1.29E-01	64880911	64881034	NC_000011.9
cg03907570	4.30E-09	3.98E-10	-6.59	12.1241371	-9.73E-02	731254	731377	NC_000007.13
cg11636714	4.30E-09	3.99E-10	-6.59	12.1230163	-2.45E-02	42128950	42129073	NC_000008.10
cg03087610	4.31E-09	3.99E-10	-6.59	12.121815	-1.64E-02	71892362	71892485	NC_000010.10
cg05655953	4.31E-09	4.00E-10	-6.59	12.1205512	-1.98E-01	123810032	123810155	NC_000010.10
cg14694038	4.31E-09	4.00E-10	-6.59	12.120547	-1.05E-01	5037103	5037226	NC_000019.9
cg25189626	4.31E-09	4.00E-10	-6.59	12.1203953	-5.66E-02	19411026	19411149	NC_000017.10
cg12417590	4.32E-09	4.00E-10	-6.59	12.1200264	-6.10E-02	42086612	42086735	NC_000020.10
cg08431873	4.32E-09	4.01E-10	-6.59	12.1186419	-2.69E-02	86013179	86013302	NC_000011.9
cg14163444	4.32E-09	4.01E-10	-6.59	12.1182526	-1.84E-01	99595348	99595471	NC_000007.13
cg07698804	4.33E-09	4.01E-10	-6.59	12.1170745	-1.49E-01	80829309	80829432	NC_000017.10
cg06983551	4.33E-09	4.01E-10	-6.59	12.1167726	-6.93E-02	111435583	111435706	NC_000002.11
cg22614142	4.34E-09	4.02E-10	-6.59	12.1151668	-1.62E-01	145698232	145698355	NC_000008.10
cg14893129	4.34E-09	4.02E-10	-6.59	12.1150776	-1.43E-01	78152051	78152174	NC_000017.10
cg13605327	4.34E-09	4.03E-10	-6.59	12.1135979	-1.10E-01	47057436	47057559	NC_000010.10
cg19272720	4.34E-09	4.03E-10	-6.59	12.113152	-1.32E-01	204289444	204289567	NC_000001.10
cg26820327	4.35E-09	4.03E-10	-6.59	12.1118631	-9.38E-02	232765754	232765877	NC_000002.11
cg16017800	4.35E-09	4.04E-10	-6.59	12.1111192	-8.64E-02	157184114	157184237	NC_000006.11
cg01541814	4.36E-09	4.05E-10	-6.59	12.1091359	-5.29E-02	29298591	29298714	NC_000017.10

cg16922167	4.37E-09	4.05E-10	-6.59	12.1075906	-1.22E-01	27961746	27961869	NC_000001.10
cg21237418	4.37E-09	4.05E-10	-6.59	12.1070412	-1.57E-01	27045043	27045166	NC_000017.10
cg05914242	4.37E-09	4.06E-10	-6.59	12.1065803	-3.91E-02	84222083	84222206	NC_000006.11
cg24428600	4.38E-09	4.06E-10	-6.59	12.1053197	-1.23E-01	37952273	37952396	NC_000001.10
cg03102788	4.38E-09	4.07E-10	-6.59	12.1037134	-1.20E-01	62738880	62739003	NC_000020.10
cg24227984	4.39E-09	4.07E-10	-6.59	12.1035616	-1.23E-01	4474970	4475093	NC_000019.9
cg15044453	4.39E-09	4.07E-10	-6.59	12.1030689	-1.04E-01	151258520	151258643	NC_000006.11
cg09503596	4.40E-09	4.08E-10	-6.59	12.1011361	-1.05E-01	94883722	94883845	NC_000011.9
cg05216542	4.40E-09	4.08E-10	-6.59	12.1010894	-1.40E-01	48109635	48109758	NC_000016.9
cg14023999	4.40E-09	4.08E-10	-6.59	12.1010108	-1.19E-01	90543224	90543347	NC_000015.9
cg22263591	4.40E-09	4.09E-10	-6.59	12.0993188	-1.11E-01	71089168	71089291	NC_000017.10
cg09435190	4.40E-09	4.09E-10	-6.59	12.0991779	-9.38E-02	50968297	50968420	NC_000022.10
cg19274606	4.40E-09	4.09E-10	-6.59	12.0990956	-1.39E-01	43968252	43968375	NC_000006.11
cg08579420	4.40E-09	4.09E-10	-6.59	12.0989899	-1.55E-01	31594469	31594592	NC_000017.10
cg07310406	4.40E-09	4.09E-10	-6.59	12.0989307	-1.60E-01	50524374	50524497	NC_000022.10
cg23525941	4.42E-09	4.10E-10	-6.59	12.0964192	-9.55E-02	128355289	128355412	NC_000007.13
cg16200531	4.43E-09	4.11E-10	-6.58	12.0940873	-1.61E-01	135532566	135532689	NC_000002.11
cg18449361	4.43E-09	4.11E-10	-6.58	12.0934958	-1.10E-01	2689154	2689277	NC_000006.11
cg27522780	4.43E-09	4.12E-10	-6.58	12.0919285	-2.69E-02	121163493	121163616	NC_000012.11
cg13443733	4.44E-09	4.12E-10	-6.58	12.0918532	-1.38E-01	2699689	2699812	NC_000017.10
cg03702975	4.44E-09	4.12E-10	-6.58	12.0904415	-4.63E-02	223316252	223316375	NC_000001.10
cg04822973	4.45E-09	4.13E-10	-6.58	12.0889211	-3.34E-02	68086311	68086434	NC_000014.8
ch.12.602695F	4.45E-09	4.13E-10	-6.58	12.0888296	-3.56E-02	26932613	26932736	NC_000012.11
cg19269039	4.45E-09	4.13E-10	-6.58	12.0880029	-1.46E-01	111743200	111743323	NC_000001.10
cg23251746	4.45E-09	4.14E-10	-6.58	12.0872377	-1.65E-01	92047329	92047452	NC_000014.8

cg06179749	4.46E-09	4.14E-10	-6.58	12.0868879	-7.29E-02	33799703	33799826	NC_000001.10
cg04097334	4.46E-09	4.14E-10	-6.58	12.0867646	-1.51E-01	189599665	189599788	NC_000002.11
cg08479319	4.47E-09	4.15E-10	-6.58	12.0834307	-6.98E-02	66648941	66649064	NC_000015.9
cg05308970	4.47E-09	4.15E-10	-6.58	12.0834192	-1.25E-01	85318420	85318543	NC_000016.9
cg14699839	4.47E-09	4.15E-10	-6.58	12.0832546	-1.06E-01	74458485	74458608	NC_000017.10
ch.9.106992904R	4.48E-09	4.16E-10	-6.58	12.0817234	-5.43E-02	107953083	107953206	NC_000009.11
cg16684691	4.48E-09	4.16E-10	-6.58	12.0812235	-1.68E-01	96949801	96949924	NC_000013.10
cg25382821	4.49E-09	4.17E-10	-6.58	12.0790436	-1.46E-01	23496403	23496526	NC_000003.11
cg18014844	4.49E-09	4.17E-10	-6.58	12.0782552	-2.78E-02	55230402	55230525	NC_000001.10
cg22867288	4.50E-09	4.18E-10	-6.58	12.077816	-3.80E-02	57086716	57086839	NC_000006.11
cg04558298	4.50E-09	4.18E-10	-6.58	12.0776803	-5.57E-02	17278349	17278472	NC_000001.10
cg08203210	4.50E-09	4.18E-10	-6.58	12.0766417	-1.17E-01	26153217	26153340	NC_000006.11
cg07537147	4.50E-09	4.18E-10	-6.58	12.0758273	-6.31E-02	110271031	110271154	NC_000012.11
cg04607334	4.51E-09	4.19E-10	-6.58	12.0747686	-9.29E-02	27568523	27568646	NC_000017.10
cg13415850	4.51E-09	4.19E-10	-6.58	12.0746684	-4.37E-02	73459842	73459965	NC_000002.11
cg13244312	4.51E-09	4.19E-10	-6.58	12.0740425	-1.21E-01	71109707	71109830	NC_000014.8
cg13063040	4.51E-09	4.19E-10	-6.58	12.0735281	-5.68E-02	145669623	145669746	NC_000008.10
cg19575813	4.53E-09	4.21E-10	-6.58	12.0708906	-3.64E-02	46476937	46477060	NC_000018.9
cg13727473	4.53E-09	4.21E-10	-6.58	12.0703118	-1.36E-01	137097280	137097403	NC_000009.11
cg06017028	4.53E-09	4.21E-10	-6.58	12.0702555	-4.29E-02	114598768	114598891	NC_000005.9
cg10627206	4.53E-09	4.21E-10	-6.58	12.0692117	-4.65E-02	11494058	11494181	NC_000019.9
cg22509138	4.54E-09	4.22E-10	-6.58	12.0683208	-1.47E-01	44809026	44809149	NC_000020.10
cg21806750	4.54E-09	4.22E-10	-6.58	12.0682311	-1.33E-01	86673476	86673599	NC_000001.10
cg22536398	4.54E-09	4.22E-10	-6.58	12.0677474	-8.29E-02	2521659	2521782	NC_000016.9
cg21012874	4.54E-09	4.22E-10	-6.58	12.0674536	-8.62E-02	88718393	88718516	NC_000010.10

cg26100130	4.55E-09	4.23E-10	-6.58	12.0660829	-3.11E-02	100150602	100150725	NC_000014.8
cg04489856	4.55E-09	4.23E-10	-6.58	12.0649595	-4.01E-02	36861700	36861823	NC_000017.10
cg16671682	4.56E-09	4.24E-10	-6.58	12.063242	-8.36E-02	13249201	13249324	NC_000019.9
cg14252502	4.56E-09	4.24E-10	-6.58	12.0628921	-1.05E-01	8676388	8676511	NC_000019.9
cg16168406	4.57E-09	4.25E-10	-6.58	12.061614	-1.09E-01	72414453	72414576	NC_000011.9
cg08809408	4.57E-09	4.25E-10	-6.58	12.0608031	-1.28E-01	2820942	2821065	NC_000016.9
cg08284713	4.57E-09	4.25E-10	-6.58	12.0598824	-3.63E-02	69419481	69419604	NC_000016.9
cg01429039	4.58E-09	4.26E-10	-6.58	12.0586795	-7.01E-02	52918065	52918188	NC_000004.11
cg11021222	4.58E-09	4.26E-10	-6.58	12.0581879	-1.38E-01	97300417	97300540	NC_000012.11
cg06512350	4.59E-09	4.27E-10	-6.58	12.0569126	-8.39E-02	151121097	151121220	NC_000003.11
cg06623017	4.59E-09	4.27E-10	-6.58	12.0564285	-7.47E-02	54124220	54124343	NC_000015.9
cg10043760	4.59E-09	4.27E-10	-6.58	12.0562615	-4.50E-02	66563838	66563961	NC_000012.11
cg03190769	4.59E-09	4.27E-10	-6.58	12.0561826	-1.25E-01	238382720	238382843	NC_000002.11
cg09684264	4.59E-09	4.27E-10	-6.58	12.0558053	-1.55E-01	85925699	85925822	NC_000016.9
cg19246761	4.60E-09	4.27E-10	-6.58	12.0550194	-5.71E-02	1549799	1549922	NC_000001.10
cg09701700	4.60E-09	4.28E-10	-6.58	12.0536936	-9.42E-02	104194843	104194966	NC_000010.10
cg05620288	4.60E-09	4.28E-10	-6.58	12.0536771	-9.86E-02	129076914	129077037	NC_000002.11
cg06797525	4.60E-09	4.28E-10	-6.58	12.0535547	-1.73E-02	27861009	27861132	NC_000006.11
cg17386689	4.61E-09	4.28E-10	-6.58	12.0528012	-1.36E-01	66755196	66755319	NC_000015.9
cg06454380	4.61E-09	4.29E-10	-6.58	12.0524958	-5.89E-02	50067053	50067176	NC_000022.10
cg12685539	4.61E-09	4.29E-10	-6.58	12.0511434	-9.61E-02	10472001	10472124	NC_000011.9
cg26814100	4.63E-09	4.30E-10	-6.58	12.0482035	-1.34E-01	136724451	136724574	NC_000006.11
cg14661234	4.63E-09	4.31E-10	-6.58	12.0475978	-8.76E-02	1149192	1149315	NC_000001.10
cg23276120	4.63E-09	4.31E-10	-6.58	12.047568	-1.42E-01	66331911	66332034	NC_000015.9
ch.4.104561249F	4.63E-09	4.31E-10	-6.58	12.0472152	-4.04E-02	104341800	104341923	NC_000004.11

cg15913671	4.63E-09	4.31E-10	-6.58	12.0472018	-1.16E-01	79304420	79304543	NC_000017.10
cg16938363	4.64E-09	4.31E-10	-6.58	12.0458719	-9.41E-02	1614285	1614408	NC_000006.11
cg00696567	4.64E-09	4.32E-10	-6.58	12.0457187	-8.59E-02	25042924	25043047	NC_000016.9
cg18109033	4.64E-09	4.32E-10	-6.58	12.0453596	-1.04E-01	99377018	99377141	NC_000008.10
cg08035694	4.64E-09	4.32E-10	-6.58	12.0451212	-1.15E-01	192921988	192922111	NC_000001.10
cg06111140	4.64E-09	4.32E-10	-6.58	12.0449691	-1.54E-01	158575756	158575879	NC_000007.13
cg09662920	4.64E-09	4.32E-10	-6.58	12.0448463	-7.64E-02	78511433	78511556	NC_000001.10
cg21833837	4.65E-09	4.33E-10	-6.58	12.043273	-8.22E-02	15250388	15250511	NC_000001.10
cg27288047	4.65E-09	4.33E-10	-6.58	12.0425492	-3.86E-02	49568106	49568229	NC_000019.9
cg12822286	4.65E-09	4.33E-10	-6.58	12.0419094	-6.44E-02	101394951	101395074	NC_000003.11
cg27152312	4.66E-09	4.34E-10	-6.57	12.0394767	-1.27E-01	96221849	96221972	NC_000007.13
cg12930392	4.67E-09	4.35E-10	-6.57	12.0384128	-1.15E-01	196481615	196481738	NC_000003.11
cg01700683	4.67E-09	4.35E-10	-6.57	12.0382376	-1.45E-01	63510942	63511065	NC_000015.9
cg04889221	4.67E-09	4.35E-10	-6.57	12.0376198	-6.71E-02	126137216	126137339	NC_000003.11
cg08579540	4.68E-09	4.35E-10	-6.57	12.0369767	-1.29E-01	175652652	175652775	NC_000002.11
cg25192619	4.68E-09	4.36E-10	-6.57	12.0367643	-6.70E-02	37467404	37467527	NC_000006.11
cg00426822	4.68E-09	4.36E-10	-6.57	12.0366989	-1.54E-01	39546536	39546659	NC_000001.10
cg03540329	4.68E-09	4.36E-10	-6.57	12.0356848	-1.23E-01	141928789	141928912	NC_000003.11
cg04479212	4.68E-09	4.36E-10	-6.57	12.0350251	-1.12E-01	37495166	37495289	NC_000003.11
cg08526319	4.69E-09	4.37E-10	-6.57	12.03347	-4.44E-02	74888271	74888394	NC_000008.10
cg13678641	4.69E-09	4.37E-10	-6.57	12.0329864	-1.28E-02	8113909	8114032	NC_000017.10
cg06091804	4.70E-09	4.38E-10	-6.57	12.0320934	-1.00E-01	1158069	1158192	NC_000004.11
cg21617762	4.70E-09	4.38E-10	-6.57	12.0318529	-7.77E-02	156811517	156811640	NC_000007.13
cg21245372	4.71E-09	4.38E-10	-6.57	12.0302603	-1.00E-01	3819539	3819662	NC_000011.9
cg04631804	4.71E-09	4.38E-10	-6.57	12.0301615	-2.69E-02	110624697	110624820	NC_000004.11

cg13700939	4.71E-09	4.39E-10	-6.57	12.0290178	-8.26E-02	128166166	128166289	NC_000002.11
cg08542016	4.71E-09	4.39E-10	-6.57	12.0283548	-9.02E-02	28912084	28912207	NC_000006.11
cg22048922	4.72E-09	4.40E-10	-6.57	12.0274365	-1.15E-01	3938802	3938925	NC_000019.9
cg10534439	4.72E-09	4.40E-10	-6.57	12.026547	-3.09E-02	69969029	69969152	NC_000002.11
cg17380244	4.73E-09	4.40E-10	-6.57	12.0256718	-1.54E-01	183458286	183458409	NC_000002.11
cg27389562	4.73E-09	4.41E-10	-6.57	12.025524	-6.32E-02	43099124	43099247	NC_000019.9
cg26937038	4.73E-09	4.41E-10	-6.57	12.0249469	-1.26E-01	153330072	153330195	NC_000001.10
cg16238419	4.73E-09	4.41E-10	-6.57	12.024442	-1.08E-01	50451414	50451537	NC_000022.10
cg07228441	4.74E-09	4.41E-10	-6.57	12.0234388	-2.34E-02	681215	681338	NC_000008.10
cg25514148	4.74E-09	4.42E-10	-6.57	12.0227653	-7.93E-02	46294375	46294498	NC_000011.9
cg26186545	4.75E-09	4.42E-10	-6.57	12.0213931	-7.56E-02	161520972	161521095	NC_000001.10
cg25276521	4.75E-09	4.43E-10	-6.57	12.0211356	-1.44E-01	105333067	105333190	NC_000010.10
cg21648391	4.75E-09	4.43E-10	-6.57	12.0205968	-1.27E-01	220563631	220563754	NC_000002.11
cg23057232	4.75E-09	4.43E-10	-6.57	12.0199455	-1.25E-01	97737509	97737632	NC_000001.10
cg24343273	4.75E-09	4.43E-10	-6.57	12.0199079	-2.83E-02	112812951	112813074	NC_000002.11
ch.8.132836635R	4.76E-09	4.43E-10	-6.57	12.0190659	-3.88E-02	132767453	132767576	NC_000008.10
cg16900102	4.76E-09	4.44E-10	-6.57	12.0188102	-1.31E-01	98283412	98283535	NC_000007.13
cg02417480	4.76E-09	4.44E-10	-6.57	12.018636	-6.56E-02	152247150	152247273	NC_000004.11
cg01515444	4.77E-09	4.45E-10	-6.57	12.0159027	-1.18E-01	56292914	56293037	NC_000020.10
cg05504045	4.77E-09	4.45E-10	-6.57	12.0158931	-1.50E-01	86618836	86618959	NC_000016.9
cg04055086	4.77E-09	4.45E-10	-6.57	12.0154559	-1.17E-01	110365472	110365595	NC_000002.11
cg02023043	4.77E-09	4.45E-10	-6.57	12.0151528	-5.53E-02	45129337	45129460	NC_000007.13
cg24048338	4.78E-09	4.45E-10	-6.57	12.0146436	-1.42E-01	43046482	43046605	NC_000008.10
cg19760410	4.78E-09	4.46E-10	-6.57	12.0138378	-8.44E-02	154300117	154300240	NC_000001.10
cg02744705	4.78E-09	4.46E-10	-6.57	12.0126081	-1.59E-01	151178090	151178213	NC_000004.11



cg18204833	4.79E-09	4.47E-10	-6.57	12.0122467	-4.65E-02	28864787	28864910	NC_000006.11
cg04321608	4.79E-09	4.47E-10	-6.57	12.0112061	-2.69E-02	50689962	50690085	NC_000022.10
cg11378979	4.79E-09	4.47E-10	-6.57	12.0111849	-1.18E-01	219249918	219250041	NC_000002.11
cg18060199	4.79E-09	4.47E-10	-6.57	12.0111734	-6.01E-02	94146495	94146618	NC_000001.10
cg09578319	4.80E-09	4.48E-10	-6.57	12.010036	-8.26E-02	4900256	4900379	NC_000017.10
cg25194470	4.80E-09	4.48E-10	-6.57	12.0099558	-1.03E-01	66316425	66316548	NC_000015.9
cg27655706	4.80E-09	4.48E-10	-6.57	12.0099227	-1.09E-01	96044476	96044599	NC_000007.13
cg16709384	4.80E-09	4.48E-10	-6.57	12.0094528	-6.80E-02	113615408	113615531	NC_000001.10
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cg04340918	4.81E-09	4.49E-10	-6.57	12.0059737	-1.05E-01	19577028	19577151	NC_000008.10
cg18801806	4.82E-09	4.50E-10	-6.57	12.0048303	-6.21E-02	118869385	118869508	NC_000011.9
cg03929743	4.82E-09	4.50E-10	-6.57	12.0037758	-1.03E-01	15265252	15265375	NC_000010.10
cg14189583	4.83E-09	4.51E-10	-6.57	12.0031678	-1.52E-01	42703852	42703975	NC_000019.9
cg04525476	4.83E-09	4.51E-10	-6.57	12.0028327	-2.28E-02	172198714	172198837	NC_000005.9
cg27514624	4.83E-09	4.51E-10	-6.57	12.0028318	-4.37E-02	69706456	69706579	NC_000015.9
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cg19862769	4.84E-09	4.52E-10	-6.57	11.999443	-1.27E-01	6162118	6162241	NC_000010.10
cg10937593	4.85E-09	4.53E-10	-6.57	11.9980655	-4.73E-02	65290063	65290186	NC_000014.8
cg21459921	4.86E-09	4.54E-10	-6.57	11.9967378	-2.73E-02	60878267	60878390	NC_000020.10
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cg19440115	4.86E-09	4.54E-10	-6.57	11.9958198	-1.34E-01	67342010	67342133	NC_000015.9

cg08337959	4.86E-09	4.54E-10	-6.57	11.9956422	-9.78E-02	1948933	1949056	NC_000011.9
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cg04041960	4.87E-09	4.55E-10	-6.57	11.9931729	-1.58E-01	121301765	121301888	NC_000010.10
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cg10455940	4.88E-09	4.56E-10	-6.57	11.9911907	-1.56E-01	103213706	103213829	NC_000010.10
cg16713321	4.88E-09	4.56E-10	-6.57	11.9906885	-1.20E-01	73577813	73577936	NC_000011.9
cg08528327	4.89E-09	4.57E-10	-6.57	11.9902143	-4.73E-02	74700062	74700185	NC_000002.11
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cg13338207	4.93E-09	4.61E-10	-6.56	11.9819609	-6.60E-02	98452879	98453002	NC_000003.11
cg20430434	4.93E-09	4.61E-10	-6.56	11.9811247	-6.21E-02	56642433	56642556	NC_000016.9
ch.6.2134092F	4.93E-09	4.61E-10	-6.56	11.9807833	-3.17E-02	109191345	109191468	NC_000006.11

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cg00025991	4.96E-09	4.64E-10	-6.56	11.9740363	-9.18E-02	736625	736748	NC_000010.10
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cg10513480	5.00E-09	4.68E-10	-6.56	11.9655987	-5.35E-02	21852135	21852258	NC_000014.8

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cg18397882	5.03E-09	4.71E-10	-6.56	11.9597262	-5.20E-02	19050971	19051094	NC_000019.9
cg24589564	5.03E-09	4.72E-10	-6.56	11.9589107	-2.90E-02	27357686	27357809	NC_000002.11
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cg20589096	5.06E-09	4.74E-10	-6.56	11.9541108	-8.53E-02	71824669	71824792	NC_000004.11
ch.12.1981639F	5.06E-09	4.75E-10	-6.56	11.9524369	-3.70E-02	100732545	100732668	NC_000012.11
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cg26518861	5.10E-09	4.78E-10	-6.56	11.9458346	-1.54E-01	122708898	122709021	NC_000010.10
cg16612995	5.11E-09	4.79E-10	-6.56	11.9439119	-8.18E-02	150529842	150529965	NC_000001.10
cg24187253	5.11E-09	4.79E-10	-6.56	11.9433152	-4.57E-02	1032865	1032988	NC_000007.13
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cg03002526	5.11E-09	4.79E-10	-6.56	11.9424759	-1.52E-01	105237721	105237844	NC_000006.11
cg15849648	5.11E-09	4.80E-10	-6.56	11.9420733	-1.31E-01	41007485	41007608	NC_000006.11
cg06749819	5.12E-09	4.80E-10	-6.56	11.9416553	-7.67E-02	24811770	24811893	NC_000004.11
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cg01562813	5.12E-09	4.80E-10	-6.56	11.94044	-1.27E-01	13420826	13420949	NC_000003.11
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cg00155622	5.15E-09	4.83E-10	-6.56	11.9347278	-5.99E-02	41710064	41710187	NC_000015.9
cg14352119	5.15E-09	4.84E-10	-6.56	11.9341673	-2.43E-02	61447914	61448037	NC_000014.8
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cg22515589	5.16E-09	4.84E-10	-6.56	11.9333901	-1.22E-01	79426432	79426555	NC_000017.10
cg27278668	5.16E-09	4.84E-10	-6.56	11.933317	-1.12E-01	6452060	6452183	NC_000010.10
cg09858811	5.17E-09	4.85E-10	-6.55	11.9309892	-1.14E-01	52867597	52867720	NC_000012.11
cg11424665	5.17E-09	4.85E-10	-6.55	11.9305695	-5.61E-02	129158811	129158934	NC_000003.11
cg13314694	5.18E-09	4.86E-10	-6.55	11.9294475	-1.17E-01	4734661	4734784	NC_000006.11
cg06528150	5.18E-09	4.86E-10	-6.55	11.929312	-3.95E-02	61293470	61293593	NC_000002.11
cg04419025	5.18E-09	4.86E-10	-6.55	11.9284384	-3.11E-02	70243945	70244068	NC_000011.9
cg09357979	5.19E-09	4.87E-10	-6.55	11.9271919	-2.82E-02	25915643	25915766	NC_000004.11
cg10080250	5.20E-09	4.88E-10	-6.55	11.9248251	-5.73E-02	65426671	65426794	NC_000015.9
cg11046836	5.20E-09	4.88E-10	-6.55	11.9245414	-4.30E-02	72088434	72088557	NC_000014.8
cg11873311	5.20E-09	4.88E-10	-6.55	11.9244227	-1.39E-01	128953231	128953354	NC_000002.11
cg06537257	5.20E-09	4.88E-10	-6.55	11.9242416	-4.43E-02	41768693	41768816	NC_000013.10
cg14731422	5.20E-09	4.89E-10	-6.55	11.9241944	-1.24E-01	213561757	213561880	NC_000001.10
cg04848452	5.21E-09	4.89E-10	-6.55	11.9225353	-2.02E-02	40350801	40350924	NC_000003.11
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cg12095167	5.21E-09	4.89E-10	-6.55	11.9223053	-4.44E-02	61428991	61429114	NC_000008.10
cg18739537	5.22E-09	4.90E-10	-6.55	11.9211312	-1.36E-01	44232189	44232312	NC_000006.11
cg17443080	5.23E-09	4.91E-10	-6.55	11.9194591	-1.05E-01	139557460	139557583	NC_000009.11
cg07312051	5.23E-09	4.91E-10	-6.55	11.91887	-1.30E-01	15656086	15656209	NC_000001.10

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cg18146927	5.24E-09	4.92E-10	-6.55	11.9174446	-1.14E-01	200835888	200836011	NC_000001.10
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cg16650630	5.24E-09	4.92E-10	-6.55	11.9164301	-1.39E-01	40364862	40364985	NC_000015.9
cg12410939	5.24E-09	4.92E-10	-6.55	11.9162801	-1.59E-01	230882809	230882932	NC_000001.10
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cg07564188	5.24E-09	4.93E-10	-6.55	11.9157717	-3.19E-02	165667906	165668029	NC_000001.10
cg07571734	5.25E-09	4.93E-10	-6.55	11.915522	-1.68E-01	151479894	151480017	NC_000007.13
cg02901136	5.26E-09	4.94E-10	-6.55	11.9133609	-1.79E-01	153348305	153348428	NC_000001.10
cg23866412	5.26E-09	4.94E-10	-6.55	11.912984	-5.58E-02	18337365	18337488	NC_000019.9
cg26060255	5.26E-09	4.94E-10	-6.55	11.9123789	-8.78E-02	3025968	3026091	NC_000020.10
cg23893997	5.26E-09	4.95E-10	-6.55	11.9121458	-1.78E-02	26904682	26904805	NC_000007.13
cg00292662	5.27E-09	4.95E-10	-6.55	11.9106084	-7.44E-02	38071168	38071291	NC_000022.10
cg00533496	5.28E-09	4.96E-10	-6.55	11.9093666	-5.08E-02	114048211	114048334	NC_000013.10
cg19376664	5.28E-09	4.96E-10	-6.55	11.908819	-1.25E-01	32153575	32153698	NC_000006.11
cg07080231	5.28E-09	4.97E-10	-6.55	11.9081921	-9.02E-02	101300217	101300340	NC_000015.9
ch.12.1171804F	5.29E-09	4.97E-10	-6.55	11.9075711	-1.78E-02	56495766	56495889	NC_000012.11
cg02328793	5.29E-09	4.97E-10	-6.55	11.9074243	-1.35E-01	6446234	6446357	NC_000001.10
cg19430473	5.29E-09	4.97E-10	-6.55	11.9064097	-9.67E-02	156468708	156468831	NC_000003.11
cg07991586	5.29E-09	4.98E-10	-6.55	11.9061412	-1.14E-01	50279175	50279298	NC_000016.9
cg07458170	5.30E-09	4.98E-10	-6.55	11.9051048	-5.65E-02	130184747	130184870	NC_000011.9
cg09110292	5.30E-09	4.98E-10	-6.55	11.9044682	-3.76E-02	32217076	32217199	NC_000010.10
cg00527825	5.30E-09	4.99E-10	-6.55	11.9038564	-1.33E-01	74218418	74218541	NC_000015.9
cg12048331	5.32E-09	5.00E-10	-6.55	11.901508	-1.17E-01	52302150	52302273	NC_000003.11
cg16179748	5.32E-09	5.00E-10	-6.55	11.9014612	-1.53E-02	223254706	223254829	NC_000001.10

cg21905229	5.32E-09	5.00E-10	-6.55	11.9009067	-1.93E-02	32031732	32031855	NC_000020.10
cg13225750	5.32E-09	5.01E-10	-6.55	11.9003203	-1.29E-01	31744033	31744156	NC_000006.11
cg13369981	5.33E-09	5.01E-10	-6.55	11.8996621	-6.20E-02	100027501	100027624	NC_000007.13
cg26826325	5.33E-09	5.01E-10	-6.55	11.8993691	-9.97E-02	70459053	70459176	NC_000011.9
cg24939838	5.33E-09	5.01E-10	-6.55	11.8987113	-1.32E-01	3164390	3164513	NC_000001.10
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cg02325880	5.35E-09	5.04E-10	-6.55	11.8942937	-5.36E-02	84971750	84971873	NC_000001.10
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cg00453202	5.36E-09	5.04E-10	-6.55	11.8931464	-7.57E-02	85482380	85482503	NC_000016.9
cg23476401	5.36E-09	5.05E-10	-6.55	11.8925277	-1.13E-01	2020296	2020419	NC_000011.9
cg23740652	5.36E-09	5.05E-10	-6.55	11.8922118	-1.35E-01	157561925	157562048	NC_000007.13
cg25139596	5.37E-09	5.05E-10	-6.55	11.8918191	-5.48E-02	24270239	24270362	NC_000002.11
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cg17934894	5.37E-09	5.05E-10	-6.55	11.8913059	-6.87E-02	27050410	27050533	NC_000004.11
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cg07021447	5.37E-09	5.06E-10	-6.55	11.8905546	-9.83E-02	69418951	69419074	NC_000014.8
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cg11600078	5.41E-09	5.09E-10	-6.55	11.8834455	-7.36E-02	79100124	79100247	NC_000017.10

cg01667702	5.41E-09	5.09E-10	-6.55	11.8833885	-7.22E-02	7836604	7836727	NC_000017.10
cg18404281	5.41E-09	5.10E-10	-6.55	11.8826443	-4.82E-02	80263384	80263507	NC_000009.11
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cg14592798	5.49E-09	5.18E-10	-6.54	11.8671929	-1.20E-01	87257941	87258064	NC_000009.11
cg05545454	5.50E-09	5.18E-10	-6.54	11.8669425	-1.69E-01	167284353	167284476	NC_000006.11
cg04903159	5.50E-09	5.18E-10	-6.54	11.8667279	-1.20E-01	44202699	44202822	NC_000006.11
cg04001071	5.50E-09	5.18E-10	-6.54	11.8662969	-1.51E-01	47613485	47613608	NC_000013.10



cg22478919	5.50E-09	5.18E-10	-6.54	11.8659726	-2.72E-02	74582458	74582581	NC_000017.10
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cg19987256	5.51E-09	5.19E-10	-6.54	11.8647837	-1.16E-01	42916332	42916455	NC_000022.10
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cg23568192	5.54E-09	5.22E-10	-6.54	11.8590929	-1.24E-01	44289380	44289503	NC_000010.10
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ch.5.2564734R	5.61E-09	5.30E-10	-6.54	11.845191	-4.97E-02	138313101	138313224	NC_000005.9
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cg04265261	5.63E-09	5.32E-10	-6.54	11.8415216	-9.56E-02	133815865	133815988	NC_000009.11
cg10587741	5.63E-09	5.32E-10	-6.54	11.84145	-8.99E-02	38071170	38071293	NC_000022.10
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cg21026022	5.67E-09	5.35E-10	-6.54	11.834525	-8.41E-02	21719568	21719691	NC_000018.9
cg01017895	5.67E-09	5.35E-10	-6.54	11.8344994	-4.37E-02	388559	388682	NC_000020.10
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cg22349332	5.69E-09	5.37E-10	-6.54	11.8309134	-8.93E-02	2252794	2252917	NC_000001.10
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cg01612443	5.70E-09	5.38E-10	-6.54	11.8292257	-5.20E-02	94749535	94749658	NC_000004.11

cg09359103	5.70E-09	5.38E-10	-6.54	11.8291018	-1.41E-01	154839909	154840032	NC_000001.10
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cg04053959	5.72E-09	5.41E-10	-6.53	11.8242292	-1.23E-01	22447106	22447229	NC_000013.10
cg23120243	5.73E-09	5.42E-10	-6.53	11.8226821	-9.90E-02	1663171	1663294	NC_000006.11
cg01782668	5.74E-09	5.42E-10	-6.53	11.8217817	-9.22E-02	148947436	148947559	NC_000004.11
cg19684795	5.74E-09	5.42E-10	-6.53	11.8215995	-3.36E-02	45307974	45308097	NC_000011.9
cg00891995	5.74E-09	5.42E-10	-6.53	11.8215082	-8.45E-02	153113262	153113385	NC_000001.10
cg16530881	5.74E-09	5.43E-10	-6.53	11.8209077	-1.10E-01	38708399	38708522	NC_000017.10
cg21960110	5.74E-09	5.43E-10	-6.53	11.8205497	-9.33E-02	202482	202605	NC_000016.9
cg21510194	5.74E-09	5.43E-10	-6.53	11.8203953	-8.25E-02	236172370	236172493	NC_000002.11
cg11772804	5.75E-09	5.43E-10	-6.53	11.8199716	-1.14E-01	30131971	30132094	NC_000006.11
cg14520913	5.75E-09	5.44E-10	-6.53	11.8191976	-1.51E-01	114166440	114166563	NC_000011.9
cg02263932	5.76E-09	5.44E-10	-6.53	11.8183161	-1.08E-01	50109099	50109222	NC_000020.10
cg24029426	5.76E-09	5.44E-10	-6.53	11.8181257	-7.29E-02	25995496	25995619	NC_000004.11
cg03328804	5.76E-09	5.45E-10	-6.53	11.8167307	-3.61E-02	75526289	75526412	NC_000011.9
cg27135113	5.77E-09	5.45E-10	-6.53	11.8166502	-9.84E-02	12307450	12307573	NC_000011.9
cg21137244	5.77E-09	5.45E-10	-6.53	11.8161645	-1.74E-01	43398234	43398357	NC_000017.10
cg27604944	5.77E-09	5.46E-10	-6.53	11.8159996	-3.81E-02	72440409	72440532	NC_000013.10
ch.7.1264585R	5.77E-09	5.46E-10	-6.53	11.8152252	-4.05E-02	55212640	55212763	NC_000007.13
cg08369079	5.78E-09	5.46E-10	-6.53	11.8147505	-1.28E-01	106551623	106551746	NC_000006.11
cg06239478	5.78E-09	5.47E-10	-6.53	11.8142489	-4.12E-02	11606277	11606400	NC_000002.11
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cg14192542	5.78E-09	5.47E-10	-6.53	11.8140934	-1.15E-01	64187581	64187704	NC_000017.10
cg15863826	5.78E-09	5.47E-10	-6.53	11.8133567	-3.91E-02	16925708	16925831	NC_000003.11

cg24328944	5.78E-09	5.47E-10	-6.53	11.8132312	-8.53E-02	96256596	96256719	NC_000013.10
cg22874652	5.79E-09	5.47E-10	-6.53	11.8127793	-1.45E-01	1107439	1107562	NC_000001.10
cg13974313	5.79E-09	5.48E-10	-6.53	11.812389	-1.16E-01	48129869	48129992	NC_000004.11
cg27585376	5.79E-09	5.48E-10	-6.53	11.8112741	-9.38E-02	74021333	74021456	NC_000007.13
cg15519508	5.80E-09	5.49E-10	-6.53	11.8100176	-9.56E-02	23862194	23862317	NC_000014.8
cg16637458	5.80E-09	5.49E-10	-6.53	11.8093903	-1.46E-01	113585948	113586071	NC_000013.10
cg17107691	5.81E-09	5.50E-10	-6.53	11.8081521	-1.20E-01	11289376	11289499	NC_000019.9
cg13147013	5.81E-09	5.50E-10	-6.53	11.8075043	-4.37E-02	99852409	99852532	NC_000013.10
cg05580603	5.81E-09	5.50E-10	-6.53	11.8073282	-5.67E-02	170606266	170606389	NC_000006.11
cg14360139	5.82E-09	5.51E-10	-6.53	11.8066215	-1.17E-01	242143538	242143661	NC_000002.11
cg03731828	5.82E-09	5.51E-10	-6.53	11.8056336	-6.59E-02	33129106	33129229	NC_000006.11
cg13431373	5.83E-09	5.52E-10	-6.53	11.8039794	-7.51E-02	5956002	5956125	NC_000018.9
cg10003443	5.83E-09	5.52E-10	-6.53	11.8038024	-8.51E-02	22567170	22567293	NC_000020.10
cg07894391	5.84E-09	5.53E-10	-6.53	11.803317	-9.89E-02	131085769	131085892	NC_000002.11
cg13089369	5.84E-09	5.53E-10	-6.53	11.8031203	-9.61E-02	87374944	87375067	NC_000004.11
cg08882099	5.85E-09	5.54E-10	-6.53	11.8012091	-1.27E-01	107612007	107612130	NC_000006.11
cg13663303	5.86E-09	5.55E-10	-6.53	11.7996093	-1.47E-01	35046992	35047115	NC_000005.9
cg06580884	5.86E-09	5.55E-10	-6.53	11.799523	-7.85E-02	47365911	47366034	NC_000003.11
cg18661379	5.86E-09	5.55E-10	-6.53	11.7988856	-1.88E-01	104393081	104393204	NC_000010.10
cg06380725	5.87E-09	5.56E-10	-6.53	11.7982376	-1.24E-01	111894647	111894770	NC_000006.11
cg11940177	5.87E-09	5.56E-10	-6.53	11.7981292	-1.47E-01	99188478	99188601	NC_000010.10
ch.15.97746216F	5.87E-09	5.56E-10	-6.53	11.798032	-7.82E-02	99928693	99928816	NC_000015.9
cg00913521	5.87E-09	5.56E-10	-6.53	11.7978672	-6.89E-02	89893799	89893922	NC_000012.11
cg25023684	5.87E-09	5.56E-10	-6.53	11.7977805	-9.61E-02	155714868	155714991	NC_000007.13
ch.5.2533981R	5.87E-09	5.56E-10	-6.53	11.7977713	-2.44E-02	137298291	137298414	NC_000005.9

cg05090170	5.87E-09	5.56E-10	-6.53	11.7973706	-5.97E-02	100105369	100105492	NC_000015.9
cg17755610	5.88E-09	5.57E-10	-6.53	11.7962904	-7.43E-02	231688740	231688863	NC_000002.11
cg13415434	5.88E-09	5.57E-10	-6.53	11.79532	-2.93E-02	49044522	49044645	NC_000003.11
cg27003951	5.88E-09	5.57E-10	-6.53	11.7952719	-3.92E-02	11350045	11350168	NC_000016.9
cg19532617	5.88E-09	5.57E-10	-6.53	11.7951406	-5.80E-02	76373607	76373730	NC_000004.11
cg01022012	5.89E-09	5.58E-10	-6.53	11.7942036	-1.18E-01	232765174	232765297	NC_000002.11
cg02268013	5.89E-09	5.58E-10	-6.53	11.7940927	-9.54E-02	71650331	71650454	NC_000009.11
cg05961792	5.89E-09	5.58E-10	-6.53	11.7933799	-4.05E-02	172929351	172929474	NC_000001.10
cg24092914	5.89E-09	5.58E-10	-6.53	11.7933296	-1.46E-01	10184877	10185000	NC_000003.11
cg18560366	5.90E-09	5.59E-10	-6.53	11.7920799	-1.01E-01	109057564	109057687	NC_000003.11
cg01866427	5.91E-09	5.60E-10	-6.53	11.7900361	-3.32E-02	113598068	113598191	NC_000013.10
cg01456571	5.91E-09	5.60E-10	-6.53	11.7897236	-1.17E-02	23021325	23021448	NC_000008.10
cg24847154	5.91E-09	5.61E-10	-6.53	11.7891246	-6.52E-02	151118794	151118917	NC_000001.10
cg03719070	5.92E-09	5.61E-10	-6.53	11.7885878	-6.59E-02	74668976	74669099	NC_000002.11
cg01827717	5.92E-09	5.61E-10	-6.53	11.788489	-3.22E-02	90287312	90287435	NC_000001.10
cg00674995	5.92E-09	5.61E-10	-6.53	11.7884053	-1.44E-01	42708444	42708567	NC_000013.10
cg12423584	5.93E-09	5.62E-10	-6.53	11.7869995	-7.13E-02	12609932	12610055	NC_000007.13
cg13393204	5.93E-09	5.62E-10	-6.53	11.7867981	-4.82E-02	86748738	86748861	NC_000011.9
cg23068797	5.93E-09	5.63E-10	-6.53	11.7856399	-9.37E-02	10928549	10928672	NC_000019.9
cg02435252	5.93E-09	5.63E-10	-6.53	11.7855606	-3.17E-02	31232764	31232887	NC_000007.13
cg01917626	5.94E-09	5.63E-10	-6.53	11.7845606	-6.62E-02	102586371	102586494	NC_000009.11
cg06412669	5.94E-09	5.63E-10	-6.53	11.7845068	-1.81E-01	78735550	78735673	NC_000017.10
cg14189534	5.95E-09	5.64E-10	-6.53	11.7831487	-8.21E-02	77436852	77436975	NC_000015.9
cg14483244	5.95E-09	5.64E-10	-6.53	11.7830543	-1.74E-01	42173343	42173466	NC_000017.10
cg17182270	5.95E-09	5.65E-10	-6.53	11.7825248	-1.29E-01	17349027	17349150	NC_000017.10

cg17552029	5.95E-09	5.65E-10	-6.53	11.7824872	-1.46E-01	41985222	41985345	NC_000017.10
cg03955589	5.95E-09	5.65E-10	-6.53	11.7823284	-1.25E-01	351064	351187	NC_000011.9
cg01744217	5.95E-09	5.65E-10	-6.53	11.7821488	-1.05E-01	54933713	54933836	NC_000020.10
cg21114177	5.96E-09	5.65E-10	-6.53	11.7817745	-7.68E-02	46105073	46105196	NC_000019.9
cg00215896	5.96E-09	5.66E-10	-6.53	11.7803022	-1.01E-01	12291754	12291877	NC_000017.10
cg13969788	5.97E-09	5.66E-10	-6.53	11.7796765	-1.44E-01	35689475	35689598	NC_000009.11
cg03703887	5.97E-09	5.67E-10	-6.53	11.779069	-1.13E-01	34273111	34273234	NC_000011.9
cg03675739	5.99E-09	5.68E-10	-6.53	11.7765004	-1.01E-01	52702559	52702682	NC_000012.11
cg00762662	5.99E-09	5.68E-10	-6.53	11.7756355	-3.79E-02	23727572	23727695	NC_000010.10
cg19570574	5.99E-09	5.69E-10	-6.53	11.7750181	-7.08E-02	39872824	39872947	NC_000015.9
cg01057945	6.00E-09	5.69E-10	-6.53	11.7747563	-1.22E-01	50303785	50303908	NC_000012.11
cg23882164	6.01E-09	5.70E-10	-6.53	11.7730192	-1.06E-01	9919440	9919563	NC_000002.11
cg15241074	6.01E-09	5.70E-10	-6.53	11.7725015	-1.53E-01	12860614	12860737	NC_000002.11
cg03489712	6.01E-09	5.71E-10	-6.53	11.7721369	-1.19E-01	143076881	143077004	NC_000007.13
cg20742389	6.02E-09	5.71E-10	-6.52	11.7713189	-1.59E-01	14591033	14591156	NC_000019.9
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cg14811551	6.05E-09	5.75E-10	-6.52	11.7643803	-1.04E-01	10152901	10153024	NC_000002.11

cg12611897	6.06E-09	5.76E-10	-6.52	11.7634695	-1.59E-01	155349216	155349339	NC_000003.11
cg12325507	6.06E-09	5.76E-10	-6.52	11.7627877	-2.67E-02	74764263	74764386	NC_000009.11
cg04956790	6.07E-09	5.76E-10	-6.52	11.7625828	-4.37E-02	67663226	67663349	NC_000012.11
cg27475923	6.08E-09	5.77E-10	-6.52	11.7607684	-1.04E-01	63530997	63531120	NC_000011.9
cg00809399	6.08E-09	5.77E-10	-6.52	11.7604693	-9.53E-02	249153756	249153879	NC_000001.10
cg16752652	6.08E-09	5.78E-10	-6.52	11.7601663	-3.95E-02	127420219	127420342	NC_000005.9
cg14437634	6.08E-09	5.78E-10	-6.52	11.7598426	-1.56E-01	67879385	67879508	NC_000014.8
cg06059032	6.08E-09	5.78E-10	-6.52	11.7594972	-5.93E-02	236402544	236402667	NC_000002.11
cg24795748	6.09E-09	5.78E-10	-6.52	11.7588864	-1.20E-01	47404165	47404288	NC_000021.8
cg26974880	6.10E-09	5.80E-10	-6.52	11.7566789	-1.15E-01	50308058	50308181	NC_000016.9
cg27018309	6.10E-09	5.80E-10	-6.52	11.7560002	-1.04E-01	8943122	8943245	NC_000016.9
cg03240628	6.10E-09	5.80E-10	-6.52	11.7558595	-3.57E-02	65153403	65153526	NC_000012.11
cg13187188	6.12E-09	5.82E-10	-6.52	11.7528603	-7.43E-02	67219859	67219982	NC_000011.9
cg15590007	6.12E-09	5.82E-10	-6.52	11.7526654	-1.25E-01	45870220	45870343	NC_000010.10
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cg18211447	6.13E-09	5.82E-10	-6.52	11.7522507	-2.54E-02	102771717	102771840	NC_000014.8
cg26579892	6.13E-09	5.82E-10	-6.52	11.7519831	-4.12E-02	63381077	63381200	NC_000011.9
cg18635110	6.13E-09	5.82E-10	-6.52	11.751805	-6.64E-02	3185384	3185507	NC_000020.10
cg22211672	6.14E-09	5.84E-10	-6.52	11.7495107	-1.15E-01	74610366	74610489	NC_000015.9
cg21454485	6.14E-09	5.84E-10	-6.52	11.7492789	-1.58E-01	160546243	160546366	NC_000001.10
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cg05400079	6.15E-09	5.85E-10	-6.52	11.7474658	-5.63E-02	88344185	88344308	NC_000004.11
cg14497348	6.16E-09	5.86E-10	-6.52	11.7466524	-3.34E-02	6757781	6757904	NC_000009.11
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cg22089361	6.17E-09	5.87E-10	-6.52	11.744709	-1.49E-01	52600604	52600727	NC_000017.10

cg20315257	6.18E-09	5.87E-10	-6.52	11.7439699	-1.18E-01	85665172	85665295	NC_000002.11
cg09106999	6.18E-09	5.87E-10	-6.52	11.7439468	-7.65E-02	56360065	56360188	NC_000012.11
cg04066396	6.18E-09	5.88E-10	-6.52	11.7433181	-4.05E-02	159314911	159315034	NC_000002.11
cg02579377	6.19E-09	5.88E-10	-6.52	11.7422788	-1.06E-01	85047901	85048024	NC_000016.9
cg07372450	6.19E-09	5.88E-10	-6.52	11.7420124	-1.28E-01	18679429	18679552	NC_000010.10
cg23080733	6.19E-09	5.88E-10	-6.52	11.741796	-2.75E-02	86042934	86043057	NC_000001.10
cg09060090	6.20E-09	5.89E-10	-6.52	11.7405002	-4.81E-02	15510150	15510273	NC_000009.11
cg23537193	6.20E-09	5.89E-10	-6.52	11.7402499	-2.96E-02	39300744	39300867	NC_000012.11
cg25249286	6.20E-09	5.90E-10	-6.52	11.7398383	-1.13E-01	242713790	242713913	NC_000002.11
cg10322876	6.20E-09	5.90E-10	-6.52	11.7396126	-1.42E-01	41496749	41496872	NC_000019.9
cg10654546	6.21E-09	5.90E-10	-6.52	11.7387045	-1.26E-01	56617576	56617699	NC_000012.11
cg08782481	6.21E-09	5.91E-10	-6.52	11.7378966	-8.87E-02	27839916	27840039	NC_000006.11
cg25426285	6.21E-09	5.91E-10	-6.52	11.7374056	-3.10E-02	65564395	65564518	NC_000012.11
cg01307359	6.21E-09	5.91E-10	-6.52	11.7373992	-3.95E-02	44214729	44214852	NC_000006.11
cg25084525	6.22E-09	5.92E-10	-6.52	11.7356949	-2.12E-02	48019347	48019470	NC_000004.11
cg16711011	6.23E-09	5.93E-10	-6.52	11.734578	-1.17E-01	568198	568321	NC_000002.11
cg03164805	6.23E-09	5.93E-10	-6.52	11.7343721	-8.70E-02	1024326	1024449	NC_000016.9
cg14189808	6.23E-09	5.93E-10	-6.52	11.7341716	-1.38E-01	47611440	47611563	NC_000019.9
cg25763760	6.23E-09	5.93E-10	-6.52	11.734032	-2.95E-02	48213040	48213163	NC_000012.11
cg26094122	6.23E-09	5.93E-10	-6.52	11.7339584	-8.39E-02	28705364	28705487	NC_000017.10
cg05681148	6.23E-09	5.93E-10	-6.52	11.7337951	-3.21E-02	28195812	28195935	NC_000013.10
cg11855156	6.25E-09	5.95E-10	-6.52	11.7313999	-1.34E-01	51446953	51447076	NC_000019.9
cg01242196	6.25E-09	5.95E-10	-6.52	11.7313483	-9.25E-02	33990181	33990304	NC_000006.11
cg24150153	6.25E-09	5.95E-10	-6.52	11.7310286	-6.81E-02	94703463	94703586	NC_000001.10
cg07950397	6.26E-09	5.95E-10	-6.52	11.7302416	-9.05E-02	10022659	10022782	NC_000019.9



cg26270411	6.26E-09	5.96E-10	-6.52	11.7301182	-4.80E-02	43514327	43514450	NC_000020.10
cg23261171	6.26E-09	5.96E-10	-6.52	11.7299824	-1.32E-01	42848367	42848490	NC_000013.10
cg01658502	6.26E-09	5.96E-10	-6.52	11.7295748	-6.02E-02	218933508	218933631	NC_000002.11
ch.12.46508471F	6.26E-09	5.96E-10	-6.52	11.7294846	-1.74E-02	48222204	48222327	NC_000012.11
cg07653289	6.28E-09	5.97E-10	-6.52	11.7268836	-8.05E-02	30325734	30325857	NC_000006.11
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cg22614532	6.29E-09	5.99E-10	-6.52	11.7238993	-1.44E-01	57443357	57443480	NC_000012.11
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cg10775231	6.30E-09	6.00E-10	-6.52	11.7234306	-1.19E-01	81967666	81967789	NC_000010.10
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cg23063440	6.31E-09	6.01E-10	-6.52	11.7209196	-1.05E-01	107446472	107446595	NC_000006.11
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cg18618206	6.34E-09	6.04E-10	-6.51	11.7161375	-1.01E-01	754296	754419	NC_000017.10
cg19625116	6.35E-09	6.05E-10	-6.51	11.7145119	-2.40E-02	94276903	94277026	NC_000011.9
cg17368808	6.36E-09	6.06E-10	-6.51	11.7133869	-9.77E-02	9496892	9497015	NC_000020.10
cg04738379	6.36E-09	6.06E-10	-6.51	11.7133868	-2.81E-02	81282102	81282225	NC_000015.9
cg25836326	6.37E-09	6.07E-10	-6.51	11.7113649	-8.38E-02	113898609	113898732	NC_000003.11
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cg04173864	6.38E-09	6.08E-10	-6.51	11.71055	-1.47E-01	142241069	142241192	NC_000008.10
cg26504263	6.38E-09	6.08E-10	-6.51	11.7100774	-8.25E-02	90192032	90192155	NC_000006.11

cg26603264	6.39E-09	6.09E-10	-6.51	11.7079534	-4.71E-02	6500346	6500469	NC_000001.10
cg02071712	6.39E-09	6.09E-10	-6.51	11.707891	-1.10E-01	104235554	104235677	NC_000012.11
cg13329217	6.41E-09	6.11E-10	-6.51	11.7044766	-1.85E-01	63975481	63975604	NC_000011.9
cg16078938	6.42E-09	6.12E-10	-6.51	11.7039901	-7.04E-02	6769406	6769529	NC_000007.13
cg03303857	6.42E-09	6.12E-10	-6.51	11.7026915	-1.10E-01	120619307	120619430	NC_000011.9
cg08551088	6.43E-09	6.13E-10	-6.51	11.7024225	-6.14E-02	121631655	121631778	NC_000010.10
cg17620425	6.43E-09	6.13E-10	-6.51	11.7016504	-8.71E-02	37403552	37403675	NC_000013.10
cg08600765	6.43E-09	6.13E-10	-6.51	11.7010739	-7.35E-02	34638493	34638616	NC_000020.10
cg00568910	6.44E-09	6.14E-10	-6.51	11.7006025	-1.47E-01	43429380	43429503	NC_000001.10
cg00693884	6.45E-09	6.15E-10	-6.51	11.6987791	-1.86E-02	144923083	144923206	NC_000008.10
cg01094309	6.45E-09	6.15E-10	-6.51	11.6986735	-1.65E-01	166901854	166901977	NC_000006.11
cg25885280	6.45E-09	6.15E-10	-6.51	11.6986653	-1.44E-01	70760166	70760289	NC_000011.9
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cg21580456	6.46E-09	6.16E-10	-6.51	11.6974038	-1.42E-01	125775613	125775736	NC_000003.11
cg23321524	6.46E-09	6.16E-10	-6.51	11.6971888	-9.46E-02	2875654	2875777	NC_000006.11
cg01225565	6.46E-09	6.16E-10	-6.51	11.6970729	-8.24E-02	67982143	67982266	NC_000011.9
cg07422042	6.46E-09	6.16E-10	-6.51	11.6962352	-1.08E-01	20194554	20194677	NC_000022.10
cg22626675	6.47E-09	6.17E-10	-6.51	11.6954643	-1.30E-01	44009775	44009898	NC_000011.9
cg19630951	6.47E-09	6.17E-10	-6.51	11.6950387	-1.14E-01	146771456	146771579	NC_000005.9
cg10342447	6.47E-09	6.17E-10	-6.51	11.6947544	-6.43E-02	26645325	26645448	NC_000017.10
cg07387813	6.47E-09	6.18E-10	-6.51	11.6944214	-6.41E-02	40499408	40499531	NC_000003.11
cg26091247	6.48E-09	6.18E-10	-6.51	11.6935197	-8.39E-02	118784336	118784459	NC_000011.9
cg14624950	6.48E-09	6.18E-10	-6.51	11.6934297	-1.07E-01	62577106	62577229	NC_000017.10
cg06289824	6.48E-09	6.19E-10	-6.51	11.692911	-1.16E-01	1076283	1076406	NC_000016.9
cg21934552	6.49E-09	6.19E-10	-6.51	11.6914964	-3.83E-02	27936559	27936682	NC_000013.10

cg23696864	6.50E-09	6.20E-10	-6.51	11.690968	-1.42E-01	67449345	67449468	NC_000017.10
cg21632964	6.50E-09	6.20E-10	-6.51	11.6909577	-1.13E-01	33129033	33129156	NC_000006.11
cg13758780	6.50E-09	6.20E-10	-6.51	11.6903256	-9.52E-02	124329514	124329637	NC_000009.11
cg13311549	6.51E-09	6.21E-10	-6.51	11.6894323	-1.44E-01	24988669	24988792	NC_000007.13
cg11977443	6.51E-09	6.21E-10	-6.51	11.6893506	-9.23E-02	77721007	77721130	NC_000017.10
cg17809365	6.51E-09	6.21E-10	-6.51	11.6889548	-7.40E-02	22833172	22833295	NC_000015.9
cg10129938	6.51E-09	6.21E-10	-6.51	11.6885214	-1.00E-01	59243881	59244004	NC_000015.9
cg21828233	6.52E-09	6.22E-10	-6.51	11.6875425	-1.38E-01	113164672	113164795	NC_000001.10
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cg25353142	6.53E-09	6.23E-10	-6.51	11.6860838	-7.79E-02	43729869	43729992	NC_000020.10
cg16597169	6.53E-09	6.23E-10	-6.51	11.6859536	-3.96E-02	60095403	60095526	NC_000010.10
cg11177980	6.54E-09	6.24E-10	-6.51	11.6838772	-8.83E-02	41982115	41982238	NC_000001.10
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cg16616769	6.55E-09	6.25E-10	-6.51	11.6829388	-1.50E-01	19727142	19727265	NC_000016.9
cg07392101	6.55E-09	6.25E-10	-6.51	11.6828596	-3.24E-02	4909263	4909386	NC_000019.9
cg25597366	6.55E-09	6.25E-10	-6.51	11.6825971	-9.69E-02	51313361	51313484	NC_000014.8
cg00474723	6.55E-09	6.25E-10	-6.51	11.6825347	-5.08E-02	86383430	86383553	NC_000011.9
cg16985288	6.55E-09	6.25E-10	-6.51	11.6825346	-1.79E-01	227015456	227015579	NC_000001.10
cg14209854	6.55E-09	6.26E-10	-6.51	11.681523	-1.04E-01	11370349	11370472	NC_000016.9
cg12019109	6.56E-09	6.26E-10	-6.51	11.6810048	-1.51E-01	99574383	99574506	NC_000007.13
cg19687230	6.57E-09	6.27E-10	-6.51	11.6796225	-9.73E-02	72490380	72490503	NC_000015.9
cg14410557	6.57E-09	6.27E-10	-6.51	11.6793798	-1.07E-01	138221097	138221220	NC_000009.11
cg25226226	6.57E-09	6.28E-10	-6.51	11.6784613	-8.54E-02	47591494	47591617	NC_000017.10
cg17918875	6.58E-09	6.28E-10	-6.51	11.67785	-3.38E-02	17780190	17780313	NC_000008.10
cg17841440	6.58E-09	6.29E-10	-6.51	11.6770951	-9.09E-02	1861356	1861479	NC_000019.9

cg01647936	6.58E-09	6.29E-10	-6.51	11.676805	-1.51E-01	63974772	63974895	NC_000011.9
cg24595580	6.59E-09	6.30E-10	-6.51	11.6752125	-1.04E-01	100890996	100891119	NC_000015.9
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cg08710911	6.60E-09	6.30E-10	-6.51	11.6747075	-1.20E-01	37574795	37574918	NC_000022.10
cg13558971	6.60E-09	6.30E-10	-6.51	11.6745895	-8.63E-02	203597085	203597208	NC_000001.10
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cg12845975	6.61E-09	6.32E-10	-6.51	11.6726177	-9.22E-02	62305226	62305349	NC_000003.11
ch.7.143447326F	6.61E-09	6.32E-10	-6.51	11.6722807	-7.01E-02	143816393	143816516	NC_000007.13
cg07761822	6.62E-09	6.32E-10	-6.51	11.6712194	-6.95E-02	26323722	26323845	NC_000004.11
cg27563968	6.62E-09	6.33E-10	-6.51	11.6708298	-1.20E-01	13037811	13037934	NC_000012.11
cg26062476	6.62E-09	6.33E-10	-6.51	11.6705916	-2.36E-01	103583177	103583300	NC_000014.8
cg11283427	6.62E-09	6.33E-10	-6.51	11.6705773	-1.16E-01	102986306	102986429	NC_000010.10
cg18891127	6.63E-09	6.33E-10	-6.51	11.669934	-1.17E-01	65637714	65637837	NC_000014.8
cg08289567	6.63E-09	6.33E-10	-6.51	11.6698636	-1.40E-01	129307231	129307354	NC_000004.11
ch.20.230983F	6.63E-09	6.33E-10	-6.51	11.669816	-2.89E-02	10500546	10500669	NC_000020.10
cg16194234	6.63E-09	6.34E-10	-6.51	11.6689237	-1.08E-01	138413709	138413832	NC_000003.11
cg23926866	6.64E-09	6.34E-10	-6.51	11.6684484	-9.00E-02	1058658	1058781	NC_000001.10
cg02153528	6.64E-09	6.35E-10	-6.51	11.667638	-5.40E-02	56618648	56618771	NC_000012.11
cg20755408	6.65E-09	6.36E-10	-6.51	11.6658075	-2.16E-02	498145	498268	NC_000012.11
cg01295034	6.66E-09	6.36E-10	-6.51	11.6653448	-1.39E-01	48576092	48576215	NC_000016.9
cg19916409	6.66E-09	6.37E-10	-6.5	11.66406	-5.64E-02	103266691	103266814	NC_000004.11
cg14156381	6.66E-09	6.37E-10	-6.5	11.6639841	-8.70E-02	8212675	8212798	NC_000019.9
cg10483393	6.68E-09	6.38E-10	-6.5	11.6621034	-3.54E-02	18573498	18573621	NC_000016.9
cg05800014	6.70E-09	6.40E-10	-6.5	11.6591493	-1.76E-02	28845292	28845415	NC_000001.10
cg15114607	6.70E-09	6.41E-10	-6.5	11.6584596	-1.11E-01	137854552	137854675	NC_000007.13

cg04191297	6.70E-09	6.41E-10	-6.5	11.6581275	-2.57E-02	33359192	33359315	NC_000006.11
cg09501717	6.71E-09	6.42E-10	-6.5	11.656534	-1.26E-01	225968528	225968651	NC_000002.11
cg16605187	6.71E-09	6.42E-10	-6.5	11.6561816	-3.56E-02	156252484	156252607	NC_000001.10
cg05454446	6.72E-09	6.42E-10	-6.5	11.6560132	-1.01E-01	43277757	43277880	NC_000010.10
cg13942283	6.72E-09	6.43E-10	-6.5	11.6555283	-1.27E-01	112562640	112562763	NC_000010.10
cg19020666	6.72E-09	6.43E-10	-6.5	11.6554915	-9.52E-02	178452552	178452675	NC_000001.10
cg06580196	6.72E-09	6.43E-10	-6.5	11.655378	-3.63E-02	50366021	50366144	NC_000003.11
cg10122877	6.72E-09	6.43E-10	-6.5	11.6544951	-1.33E-01	37585361	37585484	NC_000004.11
cg24800063	6.73E-09	6.44E-10	-6.5	11.65316	-1.26E-01	6481729	6481852	NC_000019.9
cg09586924	6.74E-09	6.45E-10	-6.5	11.6520049	-1.27E-01	130032815	130032938	NC_000011.9
cg19579160	6.75E-09	6.46E-10	-6.5	11.6501119	-5.84E-02	173940277	173940400	NC_000002.11
cg16742703	6.75E-09	6.46E-10	-6.5	11.6500264	-1.47E-01	51357857	51357980	NC_000019.9
cg06720949	6.76E-09	6.47E-10	-6.5	11.6490843	-1.03E-01	45381937	45382060	NC_000019.9
cg04697635	6.76E-09	6.47E-10	-6.5	11.6489589	-8.92E-02	80181030	80181153	NC_000005.9
cg26672573	6.76E-09	6.47E-10	-6.5	11.6488575	-1.22E-01	19991691	19991814	NC_000016.9
cg23950756	6.77E-09	6.48E-10	-6.5	11.6476821	-1.02E-01	90989532	90989655	NC_000014.8
cg14190128	6.78E-09	6.49E-10	-6.5	11.6461354	-2.76E-02	90342638	90342761	NC_000009.11
cg11802013	6.80E-09	6.51E-10	-6.5	11.6423593	-1.35E-01	69469175	69469298	NC_000011.9
cg15816267	6.81E-09	6.51E-10	-6.5	11.6421451	-3.03E-02	30458048	30458171	NC_000006.11
ch.9.1395144F	6.81E-09	6.52E-10	-6.5	11.641345	-8.09E-02	97953133	97953256	NC_000009.11
cg13978100	6.81E-09	6.52E-10	-6.5	11.6412182	-3.02E-02	103361058	103361181	NC_000009.11
cg12862611	6.81E-09	6.52E-10	-6.5	11.6410228	-3.16E-02	147443109	147443232	NC_000004.11
cg13120875	6.81E-09	6.52E-10	-6.5	11.6409474	-1.68E-02	144533471	144533594	NC_000007.13
cg23505970	6.82E-09	6.53E-10	-6.5	11.6402083	-4.22E-02	90529759	90529882	NC_000006.11
cg09527615	6.83E-09	6.54E-10	-6.5	11.6385463	-1.34E-01	94883350	94883473	NC_000011.9

cg08484506	6.83E-09	6.54E-10	-6.5	11.6384586	-1.15E-01	71156927	71157050	NC_000017.10
cg22268256	6.83E-09	6.54E-10	-6.5	11.6383491	-2.09E-02	31671229	31671352	NC_000006.11
cg14237903	6.83E-09	6.54E-10	-6.5	11.6376352	-1.76E-01	60729448	60729571	NC_000017.10
cg15942979	6.84E-09	6.55E-10	-6.5	11.6370488	-1.62E-01	22497061	22497184	NC_000008.10
cg19205909	6.85E-09	6.56E-10	-6.5	11.6355978	-7.63E-02	42353671	42353794	NC_000022.10
cg24350202	6.85E-09	6.56E-10	-6.5	11.6354605	-2.94E-02	58287827	58287950	NC_000006.11
cg14839440	6.85E-09	6.56E-10	-6.5	11.6354079	-3.04E-02	43213257	43213380	NC_000015.9
cg06926300	6.85E-09	6.56E-10	-6.5	11.6353293	-7.25E-02	102397718	102397841	NC_000010.10
cg26339162	6.85E-09	6.57E-10	-6.5	11.6344887	-1.20E-01	68509470	68509593	NC_000014.8
cg00605362	6.85E-09	6.57E-10	-6.5	11.634366	-8.59E-02	4793770	4793893	NC_000016.9
cg23806261	6.86E-09	6.57E-10	-6.5	11.6332227	-6.86E-02	219219666	219219789	NC_000002.11
cg24671886	6.87E-09	6.58E-10	-6.5	11.6325553	-1.70E-01	19756839	19756962	NC_000001.10
cg01467417	6.87E-09	6.58E-10	-6.5	11.6320095	-1.64E-01	113874068	113874191	NC_000002.11
cg08434171	6.87E-09	6.58E-10	-6.5	11.6318579	-4.93E-02	16284988	16285111	NC_000017.10
cg15419054	6.88E-09	6.59E-10	-6.5	11.6310011	-4.30E-02	45609121	45609244	NC_000017.10
cg21460606	6.88E-09	6.59E-10	-6.5	11.6305134	-5.64E-02	32055402	32055525	NC_000006.11
cg02175033	6.88E-09	6.59E-10	-6.5	11.6304632	-1.28E-01	70098523	70098646	NC_000014.8
cg26437845	6.88E-09	6.60E-10	-6.5	11.6297554	-1.09E-01	11779326	11779449	NC_000001.10
cg04505023	6.89E-09	6.61E-10	-6.5	11.6283659	-1.30E-01	152956186	152956309	NC_000001.10
cg07717559	6.91E-09	6.62E-10	-6.5	11.6265488	-1.53E-01	2699021	2699144	NC_000017.10
cg04976154	6.91E-09	6.62E-10	-6.5	11.6261642	-1.24E-01	1532411	1532534	NC_000016.9
cg15030789	6.91E-09	6.62E-10	-6.5	11.6260517	-1.33E-01	27438378	27438501	NC_000001.10
cg22015966	6.91E-09	6.62E-10	-6.5	11.6259897	-5.22E-02	47198573	47198696	NC_000011.9
cg09093931	6.91E-09	6.62E-10	-6.5	11.6258131	-8.67E-02	98880926	98881049	NC_000008.10
cg12250883	6.92E-09	6.63E-10	-6.5	11.6244723	-6.01E-02	63328707	63328830	NC_000012.11

cg02028540	6.93E-09	6.64E-10	-6.5	11.6236121	-2.67E-02	67193883	67194006	NC_000016.9
cg07394914	6.93E-09	6.64E-10	-6.5	11.6235824	-1.53E-01	185371335	185371458	NC_000004.11
cg11674448	6.94E-09	6.65E-10	-6.5	11.6214333	-1.50E-01	41711766	41711889	NC_000001.10
cg06090383	6.94E-09	6.66E-10	-6.5	11.6212705	-4.96E-02	174292579	174292702	NC_000004.11
cg09693811	6.94E-09	6.66E-10	-6.5	11.6210981	-6.68E-02	73553751	73553874	NC_000005.9
cg16731016	6.96E-09	6.68E-10	-6.5	11.6179333	-1.55E-01	39303506	39303629	NC_000019.9
cg14137939	6.97E-09	6.68E-10	-6.5	11.6171048	-1.15E-01	85397109	85397232	NC_000011.9
cg03613662	6.97E-09	6.69E-10	-6.5	11.6163878	-1.02E-01	70404585	70404708	NC_000008.10
cg17500686	6.98E-09	6.70E-10	-6.5	11.6153932	-8.23E-02	79621783	79621906	NC_000015.9
cg19015086	6.98E-09	6.70E-10	-6.5	11.61495	-9.89E-02	30817820	30817943	NC_000022.10
cg06524668	6.99E-09	6.70E-10	-6.5	11.6144347	-7.11E-02	85298355	85298478	NC_000016.9
cg18234973	6.99E-09	6.71E-10	-6.5	11.6136314	-8.59E-02	60031255	60031378	NC_000001.10
cg06203102	6.99E-09	6.71E-10	-6.5	11.6135401	-1.24E-01	155148157	155148280	NC_000001.10
cg09080173	7.00E-09	6.71E-10	-6.5	11.6128414	-1.36E-01	22605334	22605457	NC_000008.10
cg01715842	7.00E-09	6.71E-10	-6.5	11.6125817	-7.27E-02	85045600	85045723	NC_000016.9
cg02953144	7.01E-09	6.72E-10	-6.5	11.6112928	-1.40E-01	21138859	21138982	NC_000022.10
cg10496030	7.01E-09	6.73E-10	-6.49	11.610258	-1.12E-01	76510466	76510589	NC_000011.9
ch.2.238980020F	7.02E-09	6.74E-10	-6.49	11.6088863	-3.15E-02	239315281	239315404	NC_000002.11
cg06346362	7.03E-09	6.74E-10	-6.49	11.6083873	-8.62E-02	3400412	3400535	NC_000001.10
cg13297120	7.03E-09	6.75E-10	-6.49	11.6072254	-7.28E-02	115545869	115545992	NC_000011.9
cg23975810	7.04E-09	6.75E-10	-6.49	11.6071039	-1.18E-01	23966201	23966324	NC_000013.10
cg11915641	7.04E-09	6.75E-10	-6.49	11.6067337	-4.32E-02	103236553	103236676	NC_000002.11
cg14515812	7.04E-09	6.76E-10	-6.49	11.6062863	-1.52E-01	21978863	21978986	NC_000001.10
cg27150412	7.05E-09	6.77E-10	-6.49	11.6051321	-9.41E-02	31161431	31161554	NC_000016.9
cg18864674	7.06E-09	6.78E-10	-6.49	11.603548	-9.02E-02	21058007	21058130	NC_000001.10

cg27178407	7.06E-09	6.78E-10	-6.49	11.6027399	-4.22E-02	9189213	9189336	NC_000001.10
cg06492744	7.07E-09	6.78E-10	-6.49	11.6026255	-1.79E-01	65406254	65406377	NC_000011.9
cg15315773	7.07E-09	6.79E-10	-6.49	11.6023044	-9.87E-02	59997484	59997607	NC_000018.9
cg01220651	7.07E-09	6.79E-10	-6.49	11.6021312	-3.03E-02	245026640	245026763	NC_000001.10
cg16085568	7.08E-09	6.80E-10	-6.49	11.6002898	-1.06E-01	103311088	103311211	NC_000012.11
cg18072871	7.09E-09	6.81E-10	-6.49	11.5993176	-4.63E-02	50919961	50920084	NC_000022.10
cg21211213	7.09E-09	6.81E-10	-6.49	11.5988057	-1.40E-01	158127763	158127886	NC_000005.9
cg10272520	7.09E-09	6.81E-10	-6.49	11.5985137	-1.79E-01	151178205	151178328	NC_000004.11
cg24901474	7.11E-09	6.83E-10	-6.49	11.5962266	-1.27E-01	163173040	163173163	NC_000001.10
cg05310240	7.11E-09	6.83E-10	-6.49	11.5962217	-1.16E-01	47979069	47979192	NC_000017.10
cg21159473	7.12E-09	6.84E-10	-6.49	11.5950551	-5.58E-02	15510228	15510351	NC_000009.11
cg15457481	7.12E-09	6.84E-10	-6.49	11.5941621	-1.43E-01	100326030	100326153	NC_000004.11
cg17910478	7.12E-09	6.84E-10	-6.49	11.5940945	-1.09E-01	228581288	228581411	NC_000001.10
cg02705758	7.12E-09	6.84E-10	-6.49	11.5940081	-7.95E-02	14449498	14449621	NC_000005.9
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cg19231082	7.14E-09	6.86E-10	-6.49	11.5911659	-6.65E-02	119217133	119217256	NC_000003.11
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cg13886636	7.15E-09	6.87E-10	-6.49	11.5906444	-3.75E-02	130679606	130679729	NC_000009.11
cg19086858	7.15E-09	6.87E-10	-6.49	11.5897217	-6.73E-02	31743367	31743490	NC_000012.11
cg02120621	7.16E-09	6.88E-10	-6.49	11.5884554	-1.15E-01	53617701	53617824	NC_000006.11
cg07834418	7.17E-09	6.89E-10	-6.49	11.5875208	-1.30E-01	107409739	107409862	NC_000010.10
cg18788725	7.18E-09	6.91E-10	-6.49	11.5850944	-1.79E-01	45512122	45512245	NC_000019.9
cg22981296	7.19E-09	6.91E-10	-6.49	11.5847351	-6.30E-02	17400632	17400755	NC_000017.10
cg24695972	7.19E-09	6.91E-10	-6.49	11.5839491	-4.17E-02	117113752	117113875	NC_000001.10
cg17893775	7.19E-09	6.91E-10	-6.49	11.5837452	-1.11E-01	60662488	60662611	NC_000015.9



cg06619282	7.20E-09	6.92E-10	-6.49	11.5829869	-1.09E-01	131182093	131182216	NC_000009.11
cg09084462	7.20E-09	6.92E-10	-6.49	11.5829203	-6.29E-02	27220234	27220357	NC_000010.10
cg06272895	7.20E-09	6.93E-10	-6.49	11.5823104	-2.98E-02	132176249	132176372	NC_000009.11
cg22780193	7.20E-09	6.93E-10	-6.49	11.5822726	-1.40E-01	74825252	74825375	NC_000013.10
cg03398002	7.21E-09	6.93E-10	-6.49	11.5816637	-1.32E-01	15272082	15272205	NC_000001.10
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cg15428453	7.23E-09	6.95E-10	-6.49	11.5782017	-1.04E-01	92038766	92038889	NC_000008.10
cg17508816	7.25E-09	6.97E-10	-6.49	11.5759067	-1.24E-01	38423639	38423762	NC_000008.10
cg21809927	7.25E-09	6.98E-10	-6.49	11.5751011	-1.37E-01	30079265	30079388	NC_000006.11
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cg23661183	7.25E-09	6.98E-10	-6.49	11.5748464	-3.47E-02	116286593	116286716	NC_000010.10
cg05132999	7.28E-09	7.00E-10	-6.49	11.5712204	-1.38E-01	51796987	51797110	NC_000001.10
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cg14847162	7.30E-09	7.03E-10	-6.49	11.5680988	-6.53E-02	31940782	31940905	NC_000006.11

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cg05322916	7.35E-09	7.08E-10	-6.49	11.5610786	-1.24E-01	36880416	36880539	NC_000006.11
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cg18331098	7.47E-09	7.20E-10	-6.48	11.5435032	-2.01E-02	120081749	120081872	NC_000011.9
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cg18537482	7.49E-09	7.23E-10	-6.48	11.5406237	-1.02E-01	1911588	1911711	NC_000008.10
cg03732007	7.50E-09	7.23E-10	-6.48	11.5404111	-9.75E-02	2071316	2071439	NC_000001.10
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cg09681043	7.51E-09	7.24E-10	-6.48	11.5388141	-8.42E-02	128293239	128293362	NC_000002.11
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cg13204435	7.51E-09	7.24E-10	-6.48	11.5381003	-6.35E-02	95731830	95731953	NC_000008.10
cg13357821	7.52E-09	7.25E-10	-6.48	11.5371801	-1.11E-01	101707668	101707791	NC_000007.13
cg08483980	7.52E-09	7.25E-10	-6.48	11.5371165	-7.14E-02	2434990	2435113	NC_000019.9
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cg20716932	7.52E-09	7.26E-10	-6.48	11.5363144	-6.52E-02	31331814	31331937	NC_000020.10
cg15144453	7.52E-09	7.26E-10	-6.48	11.536216	-1.21E-01	241395755	241395878	NC_000002.11
cg23718418	7.52E-09	7.26E-10	-6.48	11.5361632	-6.31E-02	33377739	33377862	NC_000006.11
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cg03329714	7.55E-09	7.28E-10	-6.48	11.5334059	-1.86E-01	7525578	7525701	NC_000019.9
cg19448269	7.55E-09	7.29E-10	-6.48	11.5326366	-3.84E-02	89790246	89790369	NC_000006.11
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cg02843503	7.56E-09	7.29E-10	-6.48	11.5318864	-4.44E-02	6865989	6866112	NC_000007.13
cg19991079	7.57E-09	7.30E-10	-6.48	11.5301663	-2.02E-02	74162458	74162581	NC_000005.9
cg20157095	7.58E-09	7.31E-10	-6.48	11.5287284	-1.17E-01	67780637	67780760	NC_000011.9
cg14571710	7.58E-09	7.32E-10	-6.48	11.5285314	-9.79E-02	30655896	30656019	NC_000006.11
cg24334335	7.58E-09	7.32E-10	-6.48	11.5283677	-4.64E-02	113050814	113050937	NC_000001.10
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cg01741836	7.58E-09	7.32E-10	-6.48	11.5279173	-1.20E-01	95996644	95996767	NC_000005.9
cg07264050	7.59E-09	7.33E-10	-6.48	11.5272048	-3.25E-02	48920858	48920981	NC_000008.10
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cg00580022	7.61E-09	7.35E-10	-6.48	11.5239311	-4.36E-02	17639482	17639605	NC_000022.10
cg01244015	7.62E-09	7.36E-10	-6.48	11.522472	-2.12E-01	225266843	225266966	NC_000002.11
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cg00930306	7.65E-09	7.39E-10	-6.48	11.518852	-1.21E-01	155161221	155161344	NC_000001.10
cg02953529	7.65E-09	7.39E-10	-6.48	11.5188417	-1.15E-01	85406352	85406475	NC_000016.9
cg00892792	7.65E-09	7.39E-10	-6.48	11.5185676	-1.60E-01	142297584	142297707	NC_000008.10
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cg05602356	7.66E-09	7.40E-10	-6.48	11.5176781	-1.62E-01	58334856	58334979	NC_000005.9
cg01862897	7.67E-09	7.41E-10	-6.48	11.5163679	-1.32E-01	70548168	70548291	NC_000014.8
cg17018661	7.67E-09	7.41E-10	-6.48	11.5162151	-7.49E-02	1480166	1480289	NC_000011.9
cg17069396	7.67E-09	7.41E-10	-6.48	11.5158893	-1.00E-01	2731102	2731225	NC_000020.10
cg16814416	7.68E-09	7.42E-10	-6.48	11.5153382	-1.22E-01	45272261	45272384	NC_000001.10
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cg13648344	7.68E-09	7.42E-10	-6.48	11.5144046	-1.20E-01	36328161	36328284	NC_000009.11
cg22902478	7.69E-09	7.43E-10	-6.48	11.5130244	-1.32E-02	67085251	67085374	NC_000011.9
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cg11721464	7.73E-09	7.47E-10	-6.48	11.5076622	-1.73E-01	42703763	42703886	NC_000019.9
cg13205516	7.74E-09	7.48E-10	-6.48	11.507215	-2.91E-02	56032364	56032487	NC_000007.13
cg23285573	7.74E-09	7.48E-10	-6.48	11.5070246	-2.76E-02	95064174	95064297	NC_000007.13
cg25074458	7.74E-09	7.48E-10	-6.48	11.5066788	-7.68E-02	9946388	9946511	NC_000019.9
cg10717480	7.75E-09	7.49E-10	-6.48	11.5057452	-3.66E-02	150336524	150336647	NC_000006.11
cg04764597	7.76E-09	7.50E-10	-6.48	11.5042774	-9.70E-02	63510947	63511070	NC_000010.10
cg12854186	7.76E-09	7.50E-10	-6.47	11.5036145	-1.16E-01	32805398	32805521	NC_000006.11
cg01958203	7.77E-09	7.51E-10	-6.47	11.5031528	-4.88E-02	99098094	99098217	NC_000007.13
cg18802567	7.77E-09	7.51E-10	-6.47	11.5026518	-4.11E-02	171433913	171434036	NC_000005.9

cg02770546	7.77E-09	7.51E-10	-6.47	11.5023432	-5.38E-02	99013242	99013365	NC_000007.13
cg22550229	7.77E-09	7.52E-10	-6.47	11.5022099	-1.98E-01	13138034	13138157	NC_000018.9
cg12589308	7.78E-09	7.52E-10	-6.47	11.5016208	-1.31E-01	1811438	1811561	NC_000019.9
cg02202411	7.78E-09	7.52E-10	-6.47	11.5013924	-1.39E-01	6338418	6338541	NC_000005.9
cg27485921	7.79E-09	7.53E-10	-6.47	11.5004222	-1.10E-01	46747379	46747502	NC_000002.11
cg17466946	7.79E-09	7.53E-10	-6.47	11.5003888	-1.18E-01	176739371	176739494	NC_000005.9
cg26244616	7.79E-09	7.53E-10	-6.47	11.5001929	-1.59E-01	27955722	27955845	NC_000011.9
cg26727231	7.80E-09	7.54E-10	-6.47	11.4983375	-1.01E-01	20153445	20153568	NC_000008.10
cg26937500	7.81E-09	7.55E-10	-6.47	11.4974899	-3.85E-02	3083338	3083461	NC_000007.13
ch.6.113866684R	7.82E-09	7.57E-10	-6.47	11.4955211	-1.07E-01	113759991	113760114	NC_000006.11
cg21459816	7.82E-09	7.57E-10	-6.47	11.4954235	-1.26E-01	157588756	157588879	NC_000007.13
cg13396318	7.82E-09	7.57E-10	-6.47	11.4952784	-1.07E-01	19866974	19867097	NC_000020.10
cg23516824	7.83E-09	7.58E-10	-6.47	11.4940934	-8.90E-02	76134399	76134522	NC_000005.9
cg19459804	7.83E-09	7.58E-10	-6.47	11.4939806	-4.10E-02	32032443	32032566	NC_000020.10
cg10202994	7.83E-09	7.58E-10	-6.47	11.4937605	-3.82E-02	220071050	220071173	NC_000002.11
ch.2.16090152F	7.84E-09	7.58E-10	-6.47	11.4932979	-9.04E-02	16172701	16172824	NC_000002.11
cg02525989	7.85E-09	7.60E-10	-6.47	11.4913616	-1.20E-01	186211511	186211634	NC_000003.11
cg16371956	7.85E-09	7.60E-10	-6.47	11.4912549	-3.12E-02	77494124	77494247	NC_000014.8
cg08066417	7.87E-09	7.62E-10	-6.47	11.4890854	-8.02E-02	66413098	66413221	NC_000016.9
cg19002857	7.87E-09	7.62E-10	-6.47	11.488778	-3.84E-02	62389476	62389599	NC_000011.9
cg27612744	7.88E-09	7.63E-10	-6.47	11.4873005	-6.07E-02	16465883	16466006	NC_000005.9
cg27342781	7.88E-09	7.63E-10	-6.47	11.4871084	-1.70E-01	84566279	84566402	NC_000016.9
cg03503942	7.89E-09	7.64E-10	-6.47	11.4857446	-1.42E-01	1715296	1715419	NC_000020.10
cg00379713	7.91E-09	7.66E-10	-6.47	11.4836371	-1.44E-01	124940631	124940754	NC_000011.9
cg10149582	7.91E-09	7.66E-10	-6.47	11.4831672	-9.93E-02	23846456	23846579	NC_000014.8

cg19526685	7.92E-09	7.66E-10	-6.47	11.4828861	-1.85E-01	126963507	126963630	NC_000008.10
cg22017309	7.92E-09	7.67E-10	-6.47	11.4827821	-4.91E-02	61685499	61685622	NC_000011.9
cg09814633	7.92E-09	7.67E-10	-6.47	11.4826936	-1.40E-01	5969517	5969640	NC_000006.11
cg26916410	7.93E-09	7.68E-10	-6.47	11.4812769	-3.39E-02	89642016	89642139	NC_000016.9
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cg03528118	7.94E-09	7.69E-10	-6.47	11.4799853	-8.67E-02	133252013	133252136	NC_000003.11
cg26647332	7.95E-09	7.70E-10	-6.47	11.4786608	-1.40E-01	31073467	31073590	NC_000010.10
cg08368934	7.95E-09	7.70E-10	-6.47	11.4783749	-9.59E-02	57701455	57701578	NC_000016.9
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cg21289015	7.97E-09	7.72E-10	-6.47	11.4757787	-4.40E-02	17566048	17566171	NC_000011.9
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cg07496457	7.99E-09	7.74E-10	-6.47	11.4730253	-1.15E-01	184929183	184929306	NC_000004.11
cg26588045	8.00E-09	7.75E-10	-6.47	11.4716176	-1.53E-01	41283090	41283213	NC_000019.9
cg05808815	8.00E-09	7.75E-10	-6.47	11.4714545	-5.45E-02	54666250	54666373	NC_000001.10
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ch.10.345533F	8.04E-09	7.79E-10	-6.47	11.4672557	-6.14E-02	12228308	12228431	NC_000010.10
cg14337526	8.04E-09	7.79E-10	-6.47	11.4669953	-5.79E-02	98086635	98086758	NC_000013.10
cg09564361	8.04E-09	7.79E-10	-6.47	11.4667492	-1.78E-01	93537362	93537485	NC_000008.10
cg17221226	8.05E-09	7.80E-10	-6.47	11.4655121	-1.26E-01	64414192	64414315	NC_000011.9
cg00128654	8.05E-09	7.81E-10	-6.47	11.4649893	-2.32E-02	90798063	90798186	NC_000014.8
cg15208832	8.06E-09	7.82E-10	-6.47	11.4635784	-1.27E-01	65467997	65468120	NC_000001.10

ch.1.250064R	8.07E-09	7.82E-10	-6.47	11.4628401	-1.91E-02	6704940	6705063	NC_000001.10
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cg20978937	8.07E-09	7.82E-10	-6.47	11.4627206	-6.40E-02	105399321	105399444	NC_000014.8
cg24339704	8.07E-09	7.83E-10	-6.47	11.4622475	-1.44E-01	2529022	2529145	NC_000019.9
cg08569678	8.08E-09	7.83E-10	-6.47	11.4617792	-2.14E-01	143781397	143781520	NC_000008.10
cg20113619	8.11E-09	7.87E-10	-6.47	11.457173	-1.22E-02	59489332	59489455	NC_000017.10
cg05226932	8.12E-09	7.88E-10	-6.47	11.4558403	-4.35E-02	37720696	37720819	NC_000022.10
cg03463994	8.13E-09	7.88E-10	-6.47	11.4554786	-1.58E-01	189046152	189046275	NC_000002.11
cg01629749	8.14E-09	7.90E-10	-6.47	11.4534866	-1.66E-01	959866	959989	NC_000007.13
cg17419299	8.15E-09	7.90E-10	-6.47	11.4528213	-1.62E-01	48876950	48877073	NC_000013.10
cg11810998	8.16E-09	7.91E-10	-6.47	11.451702	-9.70E-02	212819593	212819716	NC_000001.10
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cg17583844	8.17E-09	7.93E-10	-6.46	11.4500264	-1.63E-01	11519208	11519331	NC_000008.10
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cg05961145	8.18E-09	7.94E-10	-6.46	11.4484457	-2.55E-02	72158979	72159102	NC_000016.9
cg18944752	8.20E-09	7.96E-10	-6.46	11.4464319	-1.39E-01	3404372	3404495	NC_000004.11
cg16459276	8.21E-09	7.97E-10	-6.46	11.4446441	-1.49E-01	30433423	30433546	NC_000006.11
cg12426802	8.21E-09	7.97E-10	-6.46	11.4444049	-2.77E-02	25175293	25175416	NC_000001.10
cg17885481	8.22E-09	7.98E-10	-6.46	11.4437802	-1.20E-01	48906863	48906986	NC_000004.11
cg16175906	8.22E-09	7.98E-10	-6.46	11.4434815	-6.58E-02	31607374	31607497	NC_000006.11
cg21442419	8.23E-09	7.99E-10	-6.46	11.4426433	-1.79E-01	2182373	2182496	NC_000001.10
cg26771998	8.25E-09	8.01E-10	-6.46	11.4395797	-6.91E-02	75490334	75490457	NC_000010.10
cg02025737	8.27E-09	8.03E-10	-6.46	11.4374545	-1.79E-01	33384751	33384874	NC_000015.9
cg25536300	8.27E-09	8.03E-10	-6.46	11.4369749	-3.71E-02	797459	797582	NC_000019.9
cg16997314	8.28E-09	8.04E-10	-6.46	11.436517	-1.22E-01	35835030	35835153	NC_000010.10



cg05364179	8.28E-09	8.04E-10	-6.46	11.4364974	-1.32E-01	760039	760162	NC_000004.11
cg15892280	8.28E-09	8.04E-10	-6.46	11.4357087	-1.34E-01	40180000	40180123	NC_000021.8
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cg05155704	8.34E-09	8.10E-10	-6.46	11.4284981	-6.35E-02	54711276	54711399	NC_000006.11
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cg20077343	8.37E-09	8.13E-10	-6.46	11.4249516	-9.08E-02	1036307	1036430	NC_000011.9
cg02739850	8.37E-09	8.13E-10	-6.46	11.4246099	-1.35E-01	86380880	86381003	NC_000015.9
cg16987552	8.37E-09	8.14E-10	-6.46	11.4243468	-1.23E-01	231015123	231015246	NC_000001.10
cg27351675	8.38E-09	8.15E-10	-6.46	11.4229988	-9.00E-02	16284307	16284430	NC_000017.10
cg11518454	8.39E-09	8.15E-10	-6.46	11.4226249	-1.43E-01	5286091	5286214	NC_000001.10
cg03678062	8.39E-09	8.15E-10	-6.46	11.4224037	-1.20E-01	149772716	149772839	NC_000006.11

cg26162147	8.39E-09	8.15E-10	-6.46	11.4222132	-1.87E-01	113499731	113499854	NC_000001.10
cg02333706	8.40E-09	8.16E-10	-6.46	11.4210484	-1.13E-01	108478494	108478617	NC_000006.11
cg07696099	8.40E-09	8.17E-10	-6.46	11.4207674	-1.58E-01	133573809	133573932	NC_000008.10
cg07609780	8.41E-09	8.18E-10	-6.46	11.4196012	-9.87E-02	85343650	85343773	NC_000016.9
cg18787420	8.41E-09	8.18E-10	-6.46	11.4194792	-1.32E-01	30309466	30309589	NC_000020.10
cg00390484	8.43E-09	8.20E-10	-6.46	11.4171759	-1.39E-01	20019695	20019818	NC_000022.10
cg14997942	8.44E-09	8.21E-10	-6.46	11.4161542	-1.49E-01	22040307	22040430	NC_000010.10
cg08641935	8.45E-09	8.22E-10	-6.46	11.4146939	-6.59E-02	173575577	173575700	NC_000002.11
cg26390598	8.45E-09	8.22E-10	-6.46	11.4146451	-6.79E-02	41032396	41032519	NC_000021.8
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cg03224812	8.46E-09	8.23E-10	-6.46	11.4127593	-1.78E-01	3807404	3807527	NC_000012.11
cg14288326	8.47E-09	8.24E-10	-6.46	11.4123089	-1.31E-01	77042644	77042767	NC_000007.13
cg04083553	8.47E-09	8.24E-10	-6.46	11.4118271	-8.27E-02	128778575	128778698	NC_000003.11
cg08529269	8.48E-09	8.25E-10	-6.46	11.4104582	-6.79E-02	43514755	43514878	NC_000001.10
cg08102294	8.49E-09	8.26E-10	-6.46	11.4092554	-1.29E-01	13063918	13064041	NC_000003.11
cg15001056	8.50E-09	8.27E-10	-6.46	11.4084801	-9.18E-02	151143464	151143587	NC_000003.11
cg18885372	8.50E-09	8.27E-10	-6.46	11.4081795	-1.21E-01	95107019	95107142	NC_000014.8
cg08623535	8.50E-09	8.27E-10	-6.46	11.4079821	-1.16E-01	121414267	121414390	NC_000005.9
cg16735986	8.51E-09	8.28E-10	-6.46	11.406821	-1.05E-01	23765927	23766050	NC_000016.9
cg19303748	8.52E-09	8.29E-10	-6.46	11.4061188	-9.00E-02	844085	844208	NC_000011.9
cg25082487	8.52E-09	8.29E-10	-6.46	11.4060645	-5.32E-02	74091975	74092098	NC_000010.10
cg19717326	8.53E-09	8.30E-10	-6.46	11.4047688	-1.51E-01	54370016	54370139	NC_000019.9
cg10978034	8.53E-09	8.31E-10	-6.46	11.4040349	-1.30E-01	33129988	33130111	NC_000006.11
cg10361281	8.54E-09	8.31E-10	-6.46	11.4034827	-1.55E-01	24811256	24811379	NC_000022.10
cg08043998	8.54E-09	8.32E-10	-6.46	11.4030535	-1.19E-01	121890503	121890626	NC_000012.11

cg22898783	8.55E-09	8.32E-10	-6.46	11.4027018	-1.14E-01	26204699	26204822	NC_000002.11
cg17566541	8.55E-09	8.32E-10	-6.46	11.4026873	-8.33E-02	1912287	1912410	NC_000011.9
cg10787919	8.55E-09	8.32E-10	-6.46	11.402666	-1.67E-01	83027658	83027781	NC_000003.11
cg15078838	8.55E-09	8.32E-10	-6.46	11.4025907	-1.18E-01	28114349	28114472	NC_000002.11
cg14968378	8.55E-09	8.32E-10	-6.46	11.4025312	-9.58E-02	176245283	176245406	NC_000005.9
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cg23348723	8.58E-09	8.36E-10	-6.46	11.39834	-1.41E-01	31725748	31725871	NC_000007.13
cg21007342	8.59E-09	8.36E-10	-6.45	11.3973052	-1.04E-01	94917627	94917750	NC_000014.8
cg07156182	8.59E-09	8.37E-10	-6.45	11.3970422	-4.42E-02	122513738	122513861	NC_000003.11
cg20361540	8.60E-09	8.38E-10	-6.45	11.3956566	-3.20E-02	123380447	123380570	NC_000012.11
cg05998503	8.60E-09	8.38E-10	-6.45	11.3955677	-6.11E-02	4359947	4360070	NC_000016.9
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cg26174398	8.61E-09	8.39E-10	-6.45	11.3942074	-9.93E-02	55590040	55590163	NC_000014.8
cg15693898	8.61E-09	8.39E-10	-6.45	11.3941095	-7.00E-02	183602556	183602679	NC_000003.11
cg15591803	8.62E-09	8.40E-10	-6.45	11.3931316	-1.31E-01	111733668	111733791	NC_000001.10
cg06191571	8.62E-09	8.40E-10	-6.45	11.3930944	-1.22E-01	54854019	54854142	NC_000004.11
cg15718222	8.63E-09	8.41E-10	-6.45	11.3923453	-8.87E-02	6483926	6484049	NC_000001.10
cg02744252	8.63E-09	8.41E-10	-6.45	11.3921137	-5.93E-02	20504155	20504278	NC_000015.9
cg27546012	8.63E-09	8.41E-10	-6.45	11.3920365	-1.48E-01	74684504	74684627	NC_000017.10
cg24688577	8.64E-09	8.42E-10	-6.45	11.3912884	-2.97E-02	48807332	48807455	NC_000020.10
cg23917009	8.64E-09	8.42E-10	-6.45	11.3907337	-1.22E-01	96813193	96813316	NC_000008.10
cg26945392	8.65E-09	8.43E-10	-6.45	11.3896922	-7.63E-02	71087092	71087215	NC_000015.9
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cg12875205	8.66E-09	8.45E-10	-6.45	11.3878393	-1.16E-01	157660296	157660419	NC_000007.13
cg02330500	8.67E-09	8.45E-10	-6.45	11.3874934	-5.31E-02	95731916	95732039	NC_000014.8
cg15679978	8.67E-09	8.45E-10	-6.45	11.3872785	-3.35E-02	119255801	119255924	NC_000006.11
cg15313325	8.68E-09	8.47E-10	-6.45	11.3856205	-5.58E-02	58869663	58869786	NC_000011.9
cg06516820	8.69E-09	8.47E-10	-6.45	11.3851299	-1.09E-01	139877292	139877415	NC_000009.11
cg23606925	8.69E-09	8.47E-10	-6.45	11.3850547	-1.15E-01	102471597	102471720	NC_000010.10
cg07044708	8.70E-09	8.48E-10	-6.45	11.3837562	-9.63E-02	75471034	75471157	NC_000015.9
cg00387156	8.71E-09	8.49E-10	-6.45	11.3827421	-3.79E-02	54975017	54975140	NC_000019.9
cg01763636	8.72E-09	8.50E-10	-6.45	11.3816972	-4.51E-02	132568565	132568688	NC_000012.11
cg10342908	8.72E-09	8.51E-10	-6.45	11.3809723	-1.58E-02	43415239	43415362	NC_000015.9
cg10074498	8.72E-09	8.51E-10	-6.45	11.3807549	-7.25E-02	85353838	85353961	NC_000016.9
cg10985430	8.73E-09	8.51E-10	-6.45	11.3800909	-1.26E-01	24607688	24607811	NC_000013.10
cg06522456	8.73E-09	8.52E-10	-6.45	11.379765	-4.83E-02	45311781	45311904	NC_000019.9
cg27447874	8.75E-09	8.53E-10	-6.45	11.3780243	-9.46E-02	165346015	165346138	NC_000001.10
cg06030190	8.75E-09	8.53E-10	-6.45	11.3777221	-2.96E-02	43029558	43029681	NC_000015.9
cg19133618	8.75E-09	8.54E-10	-6.45	11.3770247	-3.80E-02	22008970	22009093	NC_000009.11
cg06633978	8.76E-09	8.55E-10	-6.45	11.376199	-2.11E-01	75353806	75353929	NC_000016.9
cg07058377	8.76E-09	8.55E-10	-6.45	11.376127	-1.16E-01	2041773	2041896	NC_000017.10
cg26705930	8.77E-09	8.56E-10	-6.45	11.3752764	-7.71E-02	74833631	74833754	NC_000015.9
cg08266177	8.79E-09	8.58E-10	-6.45	11.3722518	-1.30E-01	94432162	94432285	NC_000014.8
cg03666350	8.80E-09	8.59E-10	-6.45	11.3717285	-9.49E-02	46662132	46662255	NC_000002.11
cg14830485	8.80E-09	8.59E-10	-6.45	11.3712548	-1.36E-01	21070832	21070955	NC_000020.10
ch.1.3947147F	8.82E-09	8.61E-10	-6.45	11.3687043	-2.83E-02	203693763	203693886	NC_000001.10
cg10082841	8.84E-09	8.63E-10	-6.45	11.3672784	-1.27E-01	130689321	130689444	NC_000009.11
cg21646032	8.87E-09	8.66E-10	-6.45	11.3638156	-1.16E-01	25623905	25624028	NC_000003.11

cg12331932	8.87E-09	8.66E-10	-6.45	11.3637073	-1.60E-01	72462635	72462758	NC_000017.10
cg19235490	8.87E-09	8.66E-10	-6.45	11.3634894	-2.98E-02	201391216	201391339	NC_000002.11
ch.4.2115405R	8.87E-09	8.66E-10	-6.45	11.3634537	-4.88E-02	113531039	113531162	NC_000004.11
cg04107003	8.89E-09	8.68E-10	-6.45	11.3605528	-8.59E-02	1397297	1397420	NC_000001.10
ch.15.73674797F	8.91E-09	8.70E-10	-6.45	11.3592779	-1.76E-02	75887742	75887865	NC_000015.9
cg22560317	8.91E-09	8.70E-10	-6.45	11.3588671	-2.24E-02	48730083	48730206	NC_000020.10
cg11310341	8.91E-09	8.70E-10	-6.45	11.3587305	-8.16E-02	38532129	38532252	NC_000012.11
cg16975959	8.91E-09	8.70E-10	-6.45	11.3586866	-3.55E-02	223184510	223184633	NC_000002.11
cg08439109	8.92E-09	8.71E-10	-6.45	11.3572612	-1.42E-01	46089344	46089467	NC_000017.10
cg03803818	8.92E-09	8.72E-10	-6.45	11.357025	-8.85E-02	110637414	110637537	NC_000012.11
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cg10902139	8.95E-09	8.74E-10	-6.45	11.3543301	-1.15E-01	75573071	75573194	NC_000007.13
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cg23209976	8.96E-09	8.76E-10	-6.45	11.3523781	-1.04E-01	138872772	138872895	NC_000005.9
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cg10193711	8.97E-09	8.76E-10	-6.45	11.3518302	-1.70E-01	22917797	22917920	NC_000014.8
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cg12221621	8.97E-09	8.77E-10	-6.45	11.3515413	-9.71E-02	9381317	9381440	NC_000001.10
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cg19660720	9.07E-09	8.86E-10	-6.44	11.3404819	-6.91E-02	25960296	25960419	NC_000022.10
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cg10582858	9.15E-09	8.95E-10	-6.44	11.3305958	-1.13E-01	121069511	121069634	NC_000011.9
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cg12609785	9.20E-09	9.00E-10	-6.44	11.325682	-1.32E-01	43660871	43660994	NC_000017.10
cg19718359	9.20E-09	9.00E-10	-6.44	11.3255276	-5.39E-02	111035897	111036020	NC_000001.10
cg07896832	9.20E-09	9.00E-10	-6.44	11.3254934	-1.80E-01	67975874	67975997	NC_000008.10
cg26865127	9.20E-09	9.01E-10	-6.44	11.3248303	-1.34E-02	51785378	51785501	NC_000012.11
cg02009311	9.22E-09	9.02E-10	-6.44	11.3234939	-8.42E-02	79886614	79886737	NC_000017.10
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cg11681219	9.23E-09	9.04E-10	-6.44	11.3216449	-5.38E-02	235291909	235292032	NC_000001.10
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cg05329317	9.25E-09	9.06E-10	-6.44	11.3192037	-1.06E-01	30126595	30126718	NC_000016.9
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cg07187855	9.25E-09	9.06E-10	-6.44	11.3189542	-9.95E-02	30854161	30854284	NC_000006.11
cg12973479	9.26E-09	9.06E-10	-6.44	11.3188455	-8.13E-02	33372401	33372524	NC_000008.10
ch.1.32283278R	9.27E-09	9.07E-10	-6.44	11.3176543	-5.33E-02	32510691	32510814	NC_000001.10
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cg01540203	9.27E-09	9.08E-10	-6.44	11.3172492	-1.20E-01	80662407	80662530	NC_000017.10
cg27581493	9.27E-09	9.08E-10	-6.44	11.3170955	-1.34E-01	139178598	139178721	NC_000005.9

cg09672452	9.29E-09	9.09E-10	-6.44	11.3154399	-1.66E-01	55665236	55665359	NC_000015.9
cg03367679	9.29E-09	9.10E-10	-6.44	11.3152934	-5.69E-02	38183553	38183676	NC_000017.10
cg10018862	9.29E-09	9.10E-10	-6.44	11.3145585	-9.25E-02	100633029	100633152	NC_000014.8
cg03217460	9.30E-09	9.11E-10	-6.44	11.3134272	-2.54E-02	70117060	70117183	NC_000011.9
cg18121420	9.31E-09	9.12E-10	-6.44	11.3131568	-1.96E-02	172199013	172199136	NC_000005.9
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cg00112314	9.32E-09	9.13E-10	-6.44	11.3119106	-1.19E-01	134607427	134607550	NC_000010.10
cg19358608	9.32E-09	9.13E-10	-6.44	11.3117336	-1.28E-01	1924565	1924688	NC_000020.10
cg04140754	9.32E-09	9.13E-10	-6.44	11.3113444	-6.51E-02	124196328	124196451	NC_000012.11
cg21790314	9.32E-09	9.13E-10	-6.44	11.3111945	-1.37E-01	955469	955592	NC_000004.11
cg06908458	9.33E-09	9.14E-10	-6.44	11.3108502	-1.22E-01	51818350	51818473	NC_000012.11
cg27603366	9.33E-09	9.14E-10	-6.44	11.310595	-3.61E-02	173037734	173037857	NC_000002.11
cg17590003	9.33E-09	9.15E-10	-6.44	11.3099244	-1.14E-01	25676574	25676697	NC_000017.10
cg18519694	9.33E-09	9.15E-10	-6.44	11.3098747	-3.83E-02	118307647	118307770	NC_000011.9
cg02047803	9.34E-09	9.15E-10	-6.44	11.3096453	-1.09E-01	141018369	141018492	NC_000005.9
cg27512018	9.34E-09	9.15E-10	-6.44	11.3093746	-6.30E-02	11039304	11039427	NC_000019.9
cg10490795	9.36E-09	9.17E-10	-6.44	11.3073096	-8.61E-02	150035893	150036016	NC_000005.9
cg04236540	9.36E-09	9.18E-10	-6.44	11.3067587	-9.35E-02	107148807	107148930	NC_000003.11
cg23642833	9.38E-09	9.20E-10	-6.44	11.304385	-6.54E-02	37262611	37262734	NC_000019.9
cg23792978	9.41E-09	9.22E-10	-6.44	11.3020709	-1.03E-01	72385698	72385821	NC_000011.9
cg22546151	9.41E-09	9.22E-10	-6.44	11.3018038	-7.60E-02	34958412	34958535	NC_000005.9
cg02463844	9.41E-09	9.22E-10	-6.44	11.3016598	-1.07E-01	88152170	88152293	NC_000016.9
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cg00547445	9.41E-09	9.23E-10	-6.44	11.3011255	-4.67E-02	95326291	95326414	NC_000010.10



cg20751398	9.41E-09	9.23E-10	-6.44	11.3010813	-1.30E-01	126660703	126660826	NC_000011.9
cg03362840	9.42E-09	9.24E-10	-6.44	11.2999694	-7.38E-02	134464295	134464418	NC_000007.13
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cg05968270	9.46E-09	9.28E-10	-6.44	11.2955212	-4.34E-02	65533502	65533625	NC_000001.10
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cg01011943	9.48E-09	9.29E-10	-6.44	11.2940923	-5.41E-02	43690622	43690745	NC_000019.9
cg10507121	9.48E-09	9.30E-10	-6.44	11.2937533	-2.69E-02	118324332	118324455	NC_000005.9
cg00500729	9.49E-09	9.30E-10	-6.44	11.2930855	-3.67E-02	46708178	46708301	NC_000021.8
cg21792983	9.49E-09	9.31E-10	-6.44	11.2929866	-9.61E-02	25818940	25819063	NC_000004.11
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cg02992639	9.55E-09	9.37E-10	-6.43	11.2862835	-8.78E-02	155098827	155098950	NC_000001.10
cg16304656	9.57E-09	9.39E-10	-6.43	11.2843444	-2.05E-01	641337	641460	NC_000007.13
cg02404377	9.58E-09	9.40E-10	-6.43	11.2830703	-1.09E-01	20043971	20044094	NC_000011.9
cg19874145	9.58E-09	9.40E-10	-6.43	11.2829551	-6.55E-02	89029076	89029199	NC_000014.8
cg20060632	9.58E-09	9.40E-10	-6.43	11.2826618	-1.33E-01	21467375	21467498	NC_000014.8
cg00248454	9.60E-09	9.43E-10	-6.43	11.2803908	-7.80E-02	6505421	6505544	NC_000001.10
cg02423534	9.61E-09	9.43E-10	-6.43	11.2795838	-8.45E-02	49160180	49160303	NC_000012.11
cg13901134	9.63E-09	9.45E-10	-6.43	11.2779974	-1.70E-02	130923133	130923256	NC_000009.11
cg19157329	9.63E-09	9.45E-10	-6.43	11.2776631	-1.25E-01	247524592	247524715	NC_000001.10

cg19392379	9.63E-09	9.46E-10	-6.43	11.2770469	-8.88E-02	123909426	123909549	NC_000010.10
cg06572563	9.64E-09	9.46E-10	-6.43	11.2767961	-1.29E-01	1132966	1133089	NC_000019.9
cg15133734	9.64E-09	9.46E-10	-6.43	11.2765572	-7.97E-02	48728113	48728236	NC_000020.10
cg23411065	9.67E-09	9.50E-10	-6.43	11.2729679	-1.92E-02	39705458	39705581	NC_000017.10
cg06355652	9.68E-09	9.51E-10	-6.43	11.2721114	-1.14E-01	33725105	33725228	NC_000011.9
cg06649044	9.69E-09	9.51E-10	-6.43	11.2715387	-5.69E-02	62680970	62681093	NC_000020.10
cg04993276	9.69E-09	9.52E-10	-6.43	11.2707918	-1.24E-01	65730339	65730462	NC_000001.10
cg07205203	9.70E-09	9.52E-10	-6.43	11.2703122	-1.58E-01	28940400	28940523	NC_000002.11
cg14761514	9.70E-09	9.53E-10	-6.43	11.2698391	-1.40E-01	114714301	114714424	NC_000012.11
cg15371732	9.72E-09	9.55E-10	-6.43	11.2680451	-5.92E-02	78194151	78194274	NC_000017.10
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cg11765205	9.72E-09	9.55E-10	-6.43	11.2674689	-1.24E-01	50202547	50202670	NC_000013.10
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cg03622263	9.73E-09	9.55E-10	-6.43	11.2670787	-1.40E-01	126101308	126101431	NC_000009.11
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cg01697163	9.74E-09	9.57E-10	-6.43	11.2653177	-1.17E-01	38035301	38035424	NC_000022.10
cg10154122	9.76E-09	9.59E-10	-6.43	11.2635024	-3.72E-02	38754855	38754978	NC_000019.9
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cg14037141	9.78E-09	9.61E-10	-6.43	11.2616225	-5.48E-02	134277574	134277697	NC_000010.10
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cg17372841	9.81E-09	9.64E-10	-6.43	11.2583461	-5.71E-02	99013357	99013480	NC_000007.13
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cg26875135	9.82E-09	9.66E-10	-6.43	11.2568041	-9.18E-02	1221192	1221315	NC_000007.13
cg23305408	9.86E-09	9.69E-10	-6.43	11.2529251	-1.04E-01	32169701	32169824	NC_000001.10

cg00313094	9.87E-09	9.70E-10	-6.43	11.2523015	-1.43E-01	65603587	65603710	NC_000008.10
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cg18013792	1.00E-08	9.85E-10	-6.42	11.2377234	-1.51E-01	2103069	2103192	NC_000007.13
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cg13430053	1.01E-08	9.94E-10	-6.42	11.228696	-1.20E-01	150932623	150932746	NC_000002.11
cg24889021	1.01E-08	9.94E-10	-6.42	11.2283517	-2.34E-02	36355343	36355466	NC_000006.11
cg25751172	1.01E-08	9.94E-10	-6.42	11.2283407	-9.05E-02	54074967	54075090	NC_000010.10
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cg17984007	1.02E-08	1.01E-09	-6.42	11.2166629	-1.30E-01	201998638	201998761	NC_000001.10
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cg21023001	1.02E-08	1.01E-09	-6.42	11.2133373	-1.16E-01	23067088	23067211	NC_000020.10
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cg06802565	1.02E-08	1.01E-09	-6.42	11.2128643	-1.04E-01	68788961	68789084	NC_000001.10
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cg25686905	1.03E-08	1.01E-09	-6.42	11.2107503	-1.33E-01	183603175	183603298	NC_000003.11
cg15152595	1.03E-08	1.02E-09	-6.42	11.2070777	-1.42E-01	204972818	204972941	NC_000001.10
cg16594468	1.03E-08	1.02E-09	-6.42	11.2069863	-1.25E-01	102039579	102039702	NC_000008.10
cg13314614	1.03E-08	1.02E-09	-6.42	11.2060046	-1.43E-01	12655992	12656115	NC_000001.10
cg11948328	1.03E-08	1.02E-09	-6.42	11.2032357	-5.82E-02	43702395	43702518	NC_000011.9
cg06731730	1.03E-08	1.02E-09	-6.42	11.2030599	-6.81E-02	69788837	69788960	NC_000016.9
cg03111039	1.03E-08	1.02E-09	-6.42	11.2025702	-8.73E-02	90751583	90751706	NC_000010.10
cg16492510	1.04E-08	1.02E-09	-6.42	11.2020284	-1.39E-01	157561684	157561807	NC_000007.13

cg07318398	1.04E-08	1.02E-09	-6.42	11.201504	-9.31E-02	39993101	39993224	NC_000017.10
cg04247720	1.04E-08	1.02E-09	-6.42	11.2009595	-4.74E-02	172261327	172261450	NC_000005.9
cg20976019	1.04E-08	1.02E-09	-6.42	11.2000258	-1.50E-01	25931360	25931483	NC_000017.10
cg25985347	1.04E-08	1.03E-09	-6.42	11.1974673	-1.06E-01	169418105	169418228	NC_000004.11
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cg09379935	1.04E-08	1.03E-09	-6.42	11.1964852	-1.13E-01	72974155	72974278	NC_000011.9
cg08120389	1.04E-08	1.03E-09	-6.42	11.1964207	-4.44E-02	19881268	19881391	NC_000017.10
cg21153839	1.04E-08	1.03E-09	-6.42	11.1954012	-1.16E-01	27190789	27190912	NC_000002.11
cg11863717	1.04E-08	1.03E-09	-6.42	11.1950523	-1.23E-01	73725041	73725164	NC_000010.10
cg04569233	1.04E-08	1.03E-09	-6.42	11.1945748	-9.69E-02	39321449	39321572	NC_000003.11
cg26364911	1.04E-08	1.03E-09	-6.42	11.1938764	-2.52E-02	99775893	99776016	NC_000009.11
cg08836619	1.04E-08	1.03E-09	-6.42	11.1938526	-3.34E-02	139555389	139555512	NC_000005.9
cg01133262	1.04E-08	1.03E-09	-6.42	11.1935037	-3.79E-02	38863905	38864028	NC_000022.10
cg19574017	1.04E-08	1.03E-09	-6.42	11.1934139	-5.52E-02	63569834	63569957	NC_000015.9
cg13637321	1.04E-08	1.03E-09	-6.42	11.1932263	-3.41E-02	111985220	111985343	NC_000010.10
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cg12054698	1.04E-08	1.03E-09	-6.42	11.1926657	-4.80E-02	89530930	89531053	NC_000001.10
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cg02454890	1.04E-08	1.03E-09	-6.42	11.1920831	-2.77E-02	90544015	90544138	NC_000015.9
cg07969622	1.05E-08	1.03E-09	-6.42	11.1913309	-9.28E-02	22901569	22901692	NC_000022.10
cg13943355	1.05E-08	1.03E-09	-6.42	11.1913293	-1.28E-01	67470870	67470993	NC_000015.9
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cg10220544	1.05E-08	1.03E-09	-6.42	11.189198	-1.37E-01	60171660	60171783	NC_000001.10
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cg08201604	1.05E-08	1.04E-09	-6.42	11.1878977	-1.35E-01	26171697	26171820	NC_000008.10
cg16087101	1.05E-08	1.04E-09	-6.42	11.1873917	-4.41E-02	46266030	46266153	NC_000021.8
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cg22345647	1.05E-08	1.04E-09	-6.42	11.1868229	-2.44E-02	68609526	68609649	NC_000011.9
cg18923221	1.05E-08	1.04E-09	-6.42	11.1863404	-1.88E-02	48650727	48650850	NC_000008.10
cg11025793	1.05E-08	1.04E-09	-6.42	11.1862839	-7.96E-02	13262015	13262138	NC_000019.9
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cg23216745	1.06E-08	1.04E-09	-6.41	11.180682	-1.16E-01	154929762	154929885	NC_000001.10
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cg16101962	1.06E-08	1.05E-09	-6.41	11.1785739	-1.02E-01	3064937	3065060	NC_000006.11
cg00012238	1.06E-08	1.05E-09	-6.41	11.1781264	-1.04E-01	21718458	21718581	NC_000018.9
cg07296256	1.06E-08	1.05E-09	-6.41	11.1770401	-1.14E-01	113438010	113438133	NC_000013.10
cg18139174	1.06E-08	1.05E-09	-6.41	11.1768188	-5.41E-02	24605759	24605882	NC_000014.8
cg24898753	1.06E-08	1.05E-09	-6.41	11.1753038	-5.09E-02	61735917	61736040	NC_000011.9
cg07473175	1.06E-08	1.05E-09	-6.41	11.1740874	-2.97E-02	47474262	47474385	NC_000012.11
cg17809895	1.06E-08	1.05E-09	-6.41	11.1736562	-6.47E-02	51589197	51589320	NC_000020.10
cg08979686	1.06E-08	1.05E-09	-6.41	11.1735874	-2.02E-02	44600644	44600767	NC_000020.10
cg15151052	1.06E-08	1.05E-09	-6.41	11.1731599	-9.59E-02	29617359	29617482	NC_000001.10
cg05249479	1.06E-08	1.05E-09	-6.41	11.1719576	-1.38E-01	100542584	100542707	NC_000014.8

cg21109167	1.06E-08	1.05E-09	-6.41	11.1717671	-1.38E-01	37034084	37034207	NC_000003.11
cg20247048	1.07E-08	1.05E-09	-6.41	11.1715631	-7.01E-02	62972358	62972481	NC_000017.10
ch.17.72493169F	1.07E-08	1.05E-09	-6.41	11.1713702	-3.29E-02	74981574	74981697	NC_000017.10
cg21774736	1.07E-08	1.05E-09	-6.41	11.1711284	-4.00E-02	42846470	42846593	NC_000001.10
cg08556541	1.07E-08	1.06E-09	-6.41	11.1696958	-1.29E-01	54861563	54861686	NC_000002.11
cg06205432	1.07E-08	1.06E-09	-6.41	11.16967	-2.88E-02	33160869	33160992	NC_000006.11
cg07986199	1.07E-08	1.06E-09	-6.41	11.1694824	-1.11E-01	2743038	2743161	NC_000012.11
cg11905324	1.07E-08	1.06E-09	-6.41	11.1691396	-7.61E-02	49817266	49817389	NC_000008.10
cg06815704	1.07E-08	1.06E-09	-6.41	11.1677897	-4.30E-02	51460793	51460916	NC_000007.13
ch.11.691621F	1.07E-08	1.06E-09	-6.41	11.1664311	-4.57E-02	32947349	32947472	NC_000011.9
cg13503564	1.07E-08	1.06E-09	-6.41	11.1664181	-1.09E-01	45539374	45539497	NC_000002.11
cg05833158	1.07E-08	1.06E-09	-6.41	11.1661276	-1.42E-01	9993731	9993854	NC_000003.11
cg23922724	1.07E-08	1.06E-09	-6.41	11.1645734	-1.31E-01	76474735	76474858	NC_000011.9
cg24108579	1.07E-08	1.06E-09	-6.41	11.1639484	-1.31E-01	32475172	32475295	NC_000014.8
cg07087130	1.07E-08	1.06E-09	-6.41	11.1634383	-1.38E-01	48129797	48129920	NC_000007.13
cg11902543	1.07E-08	1.06E-09	-6.41	11.1632629	-1.38E-01	127901882	127902005	NC_000002.11
cg08968107	1.07E-08	1.06E-09	-6.41	11.162562	-1.25E-01	71012806	71012929	NC_000006.11
cg19823504	1.07E-08	1.06E-09	-6.41	11.1623908	-1.22E-01	4556982	4557105	NC_000019.9
cg02965290	1.07E-08	1.06E-09	-6.41	11.1621438	-8.24E-02	38108850	38108973	NC_000017.10
cg22870295	1.07E-08	1.06E-09	-6.41	11.1618153	-4.17E-02	105332311	105332434	NC_000007.13
cg04963082	1.08E-08	1.06E-09	-6.41	11.1616575	-5.23E-02	30043105	30043228	NC_000016.9
cg05885462	1.08E-08	1.06E-09	-6.41	11.1612205	-1.18E-01	108672936	108673059	NC_000004.11
cg05775862	1.08E-08	1.07E-09	-6.41	11.1587159	-1.62E-01	31026101	31026224	NC_000010.10
cg03859282	1.08E-08	1.07E-09	-6.41	11.1585116	-6.44E-02	4783755	4783878	NC_000016.9
cg11859922	1.08E-08	1.07E-09	-6.41	11.1576629	-1.12E-01	240776316	240776439	NC_000001.10



cg01567509	1.08E-08	1.07E-09	-6.41	11.1576036	-1.39E-01	15104223	15104346	NC_000001.10
cg04687517	1.08E-08	1.07E-09	-6.41	11.1570953	-8.63E-02	138660387	138660510	NC_000003.11
cg15777323	1.08E-08	1.07E-09	-6.41	11.1566057	-4.82E-02	48543165	48543288	NC_000002.11
cg18390959	1.08E-08	1.07E-09	-6.41	11.1561394	-9.37E-02	51872257	51872380	NC_000019.9
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cg05819371	1.08E-08	1.07E-09	-6.41	11.1525231	-1.04E-01	92540484	92540607	NC_000012.11
cg24593464	1.09E-08	1.08E-09	-6.41	11.1513418	-1.21E-01	120008998	120009121	NC_000011.9
cg23723486	1.09E-08	1.08E-09	-6.41	11.1510218	-8.69E-02	101361745	101361868	NC_000007.13
cg04787602	1.09E-08	1.08E-09	-6.41	11.1505941	-3.96E-02	112282986	112283109	NC_000001.10
cg26475911	1.09E-08	1.08E-09	-6.41	11.1497166	-1.43E-01	73056187	73056310	NC_000017.10
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cg06052888	1.09E-08	1.08E-09	-6.41	11.1493418	-1.15E-01	52225658	52225781	NC_000006.11
cg08292572	1.09E-08	1.08E-09	-6.41	11.1472982	-3.24E-02	42846188	42846311	NC_000003.11
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cg17888979	1.09E-08	1.08E-09	-6.41	11.1460482	-6.93E-02	1609341	1609464	NC_000007.13
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cg12965426	1.09E-08	1.08E-09	-6.41	11.1444098	-5.65E-02	131863715	131863838	NC_000002.11
cg18419358	1.09E-08	1.08E-09	-6.41	11.1437742	-1.17E-01	158384009	158384132	NC_000006.11
cg16211507	1.10E-08	1.09E-09	-6.41	11.1389968	-4.85E-02	139135961	139136084	NC_000005.9
cg27095527	1.10E-08	1.09E-09	-6.41	11.1370738	-2.45E-02	12329080	12329203	NC_000003.11
cg04373106	1.10E-08	1.09E-09	-6.41	11.1366507	-6.71E-02	72932992	72933115	NC_000017.10
cg19921917	1.10E-08	1.09E-09	-6.41	11.1363385	-1.26E-01	169418224	169418347	NC_000004.11

cg26467949	1.10E-08	1.10E-09	-6.41	11.1327703	-8.21E-02	73441162	73441285	NC_000002.11
cg00563495	1.11E-08	1.10E-09	-6.41	11.1324571	-1.14E-01	74489089	74489212	NC_000015.9
cg04727356	1.11E-08	1.10E-09	-6.4	11.1303319	-1.07E-02	46125312	46125435	NC_000017.10
cg16602846	1.11E-08	1.10E-09	-6.4	11.129918	-6.43E-02	78114278	78114401	NC_000015.9
cg06679494	1.11E-08	1.10E-09	-6.4	11.1292554	-1.35E-01	6921295	6921418	NC_000017.10
cg07957491	1.11E-08	1.10E-09	-6.4	11.1290685	-1.02E-01	134407190	134407313	NC_000009.11
cg25908973	1.11E-08	1.10E-09	-6.4	11.128174	-1.02E-01	45670865	45670988	NC_000015.9
cg15265785	1.11E-08	1.10E-09	-6.4	11.1275754	-4.22E-02	156877897	156878020	NC_000003.11
cg09739904	1.11E-08	1.10E-09	-6.4	11.1269966	-8.67E-02	103310839	103310962	NC_000012.11
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cg14176450	1.11E-08	1.10E-09	-6.4	11.126448	-9.92E-02	11054229	11054352	NC_000002.11
cg07233343	1.11E-08	1.10E-09	-6.4	11.1257608	-1.29E-01	17944660	17944783	NC_000001.10
ch.2.3935902R	1.11E-08	1.10E-09	-6.4	11.1247138	-2.84E-02	198281115	198281238	NC_000002.11
cg19433037	1.11E-08	1.11E-09	-6.4	11.1245212	-3.73E-02	198128165	198128288	NC_000001.10
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cg14221644	1.11E-08	1.11E-09	-6.4	11.1235051	-8.05E-02	139146602	139146725	NC_000009.11
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cg06873401	1.12E-08	1.11E-09	-6.4	11.1210804	-1.57E-01	77792105	77792228	NC_000005.9
cg06627043	1.12E-08	1.11E-09	-6.4	11.120969	-1.01E-01	147838662	147838785	NC_000001.10
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cg22372439	1.12E-08	1.11E-09	-6.4	11.1161216	-4.42E-02	60929245	60929368	NC_000011.9
cg03719083	1.12E-08	1.12E-09	-6.4	11.1142145	-9.82E-02	10415290	10415413	NC_000006.11

cg04958055	1.12E-08	1.12E-09	-6.4	11.1141497	-1.28E-01	69404437	69404560	NC_000014.8
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cg11164860	1.13E-08	1.12E-09	-6.4	11.1136742	-6.28E-02	1994871	1994994	NC_000004.11
cg07457213	1.13E-08	1.12E-09	-6.4	11.1136548	-1.14E-01	105498968	105499091	NC_000010.10
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cg14781967	1.13E-08	1.12E-09	-6.4	11.1114037	-7.12E-02	180101440	180101563	NC_000005.9
cg12832228	1.13E-08	1.12E-09	-6.4	11.1112394	-3.31E-02	28244096	28244219	NC_000008.10
cg09351258	1.13E-08	1.12E-09	-6.4	11.1109842	-4.91E-02	191208999	191209122	NC_000002.11
cg08128361	1.13E-08	1.12E-09	-6.4	11.1108498	-1.07E-01	67336052	67336175	NC_000016.9
cg12416929	1.13E-08	1.12E-09	-6.4	11.1107787	-7.51E-02	108882205	108882328	NC_000006.11
cg02950892	1.13E-08	1.12E-09	-6.4	11.1106923	-1.28E-01	99331344	99331467	NC_000010.10
cg05351750	1.13E-08	1.12E-09	-6.4	11.1099824	-8.69E-02	680335	680458	NC_000016.9
cg21700780	1.13E-08	1.12E-09	-6.4	11.1096224	-9.17E-02	2004050	2004173	NC_000008.10
cg25730717	1.13E-08	1.12E-09	-6.4	11.1096001	-4.22E-02	148726076	148726199	NC_000007.13
cg10096052	1.13E-08	1.12E-09	-6.4	11.1073541	-1.19E-01	615709	615832	NC_000016.9
cg17978103	1.13E-08	1.12E-09	-6.4	11.1073463	-1.59E-01	56272305	56272428	NC_000020.10
cg10932874	1.13E-08	1.12E-09	-6.4	11.1073098	-1.48E-01	58135981	58136104	NC_000012.11
cg27442478	1.13E-08	1.12E-09	-6.4	11.1072745	-6.13E-02	155635788	155635911	NC_000006.11
cg04554652	1.13E-08	1.13E-09	-6.4	11.1069435	-9.59E-02	103880979	103881102	NC_000010.10
cg16331632	1.13E-08	1.13E-09	-6.4	11.1052738	-1.19E-01	60783238	60783361	NC_000014.8
cg24736734	1.13E-08	1.13E-09	-6.4	11.1051254	-1.41E-01	102114455	102114578	NC_000005.9
cg02416013	1.14E-08	1.13E-09	-6.4	11.104212	-3.70E-02	11891051	11891174	NC_000016.9
cg27003165	1.14E-08	1.13E-09	-6.4	11.1041448	-1.01E-01	162381929	162382052	NC_000001.10
cg07047601	1.14E-08	1.13E-09	-6.4	11.1035223	-4.73E-02	21337040	21337163	NC_000022.10

cg04293353	1.14E-08	1.13E-09	-6.4	11.1034253	-6.20E-02	2205396	2205519	NC_000001.10
cg05007375	1.14E-08	1.13E-09	-6.4	11.1029447	-2.26E-02	92588364	92588487	NC_000014.8
ch.9.1518492F	1.14E-08	1.13E-09	-6.4	11.1022658	-4.75E-02	103025307	103025430	NC_000009.11
cg16681157	1.14E-08	1.13E-09	-6.4	11.1008152	-1.22E-01	49594482	49594605	NC_000016.9
cg13106430	1.14E-08	1.13E-09	-6.4	11.1006969	-8.57E-02	9604352	9604475	NC_000017.10
cg15807143	1.14E-08	1.14E-09	-6.4	11.0974812	-1.08E-01	3452624	3452747	NC_000002.11
cg08185808	1.14E-08	1.14E-09	-6.4	11.0968692	-1.50E-01	809910	810033	NC_000016.9
cg10809872	1.14E-08	1.14E-09	-6.4	11.0965626	-4.63E-02	202936725	202936848	NC_000001.10
cg12324144	1.14E-08	1.14E-09	-6.4	11.0965247	-9.72E-02	169531663	169531786	NC_000003.11
cg13995006	1.15E-08	1.14E-09	-6.4	11.0946932	-5.06E-02	118532813	118532936	NC_000008.10
cg06552368	1.15E-08	1.14E-09	-6.4	11.0945832	-4.05E-02	118972898	118973021	NC_000011.9
cg17473673	1.15E-08	1.14E-09	-6.4	11.0944974	-7.94E-02	15590570	15590693	NC_000019.9
cg16103712	1.15E-08	1.14E-09	-6.4	11.0938014	-1.43E-01	99023869	99023992	NC_000008.10
cg03387353	1.15E-08	1.14E-09	-6.4	11.0928738	-4.94E-02	61429246	61429369	NC_000008.10
cg24851100	1.15E-08	1.14E-09	-6.4	11.0924669	-9.40E-02	41748833	41748956	NC_000005.9
cg24972816	1.15E-08	1.14E-09	-6.4	11.0922193	-1.02E-01	106940889	106941012	NC_000003.11
cg15893360	1.15E-08	1.14E-09	-6.4	11.0916611	-1.27E-01	120700361	120700484	NC_000012.11
cg26978611	1.15E-08	1.14E-09	-6.4	11.0915704	-8.93E-02	90271866	90271989	NC_000006.11
cg02663137	1.15E-08	1.14E-09	-6.4	11.0910633	-8.72E-02	6745717	6745840	NC_000019.9
cg12051819	1.15E-08	1.14E-09	-6.4	11.0910549	-1.52E-01	114717638	114717761	NC_000001.10
cg05557266	1.15E-08	1.15E-09	-6.4	11.0892095	-1.28E-01	49057259	49057382	NC_000003.11
cg16141600	1.15E-08	1.15E-09	-6.4	11.0872456	-1.99E-02	124169984	124170107	NC_000008.10
cg20683809	1.15E-08	1.15E-09	-6.4	11.0870362	-4.74E-02	41601892	41602015	NC_000019.9
cg08982381	1.15E-08	1.15E-09	-6.4	11.086835	-2.25E-02	80647290	80647413	NC_000009.11
cg06173663	1.15E-08	1.15E-09	-6.4	11.0861586	-1.76E-01	101579929	101580052	NC_000007.13

cg01963134	1.16E-08	1.15E-09	-6.4	11.0845113	-8.34E-02	39299364	39299487	NC_000012.11
cg08370718	1.16E-08	1.15E-09	-6.4	11.0843016	-4.08E-02	49913307	49913430	NC_000015.9
cg08118649	1.16E-08	1.15E-09	-6.4	11.0835047	-4.32E-02	99038419	99038542	NC_000012.11
cg05322222	1.16E-08	1.15E-09	-6.4	11.0833442	-7.62E-02	66059064	66059187	NC_000011.9
cg22111705	1.16E-08	1.15E-09	-6.4	11.0827838	-4.61E-02	8430496	8430619	NC_000004.11
cg17471836	1.16E-08	1.15E-09	-6.4	11.0824155	-1.40E-01	118691007	118691130	NC_000005.9
ch.2.1420302F	1.16E-08	1.15E-09	-6.4	11.0819171	-3.52E-02	62093097	62093220	NC_000002.11
cg16671674	1.16E-08	1.15E-09	-6.4	11.0815198	-9.84E-02	142150452	142150575	NC_000002.11
cg20759281	1.16E-08	1.16E-09	-6.4	11.0811218	-1.25E-01	21796914	21797037	NC_000012.11
cg18949044	1.16E-08	1.16E-09	-6.4	11.0804313	-1.06E-01	156443804	156443927	NC_000004.11
cg17960629	1.16E-08	1.16E-09	-6.4	11.0803911	-1.07E-01	36877454	36877577	NC_000002.11
cg15413566	1.16E-08	1.16E-09	-6.4	11.0794973	-3.08E-02	8301971	8302094	NC_000007.13
cg08905399	1.16E-08	1.16E-09	-6.39	11.0770312	-1.24E-01	35347479	35347602	NC_000010.10
cg04049240	1.17E-08	1.16E-09	-6.39	11.0765066	-1.37E-01	61335377	61335500	NC_000020.10
cg19099736	1.17E-08	1.16E-09	-6.39	11.0760805	-6.04E-02	29702810	29702933	NC_000022.10
cg00428179	1.17E-08	1.16E-09	-6.39	11.0754203	-1.47E-01	31322131	31322254	NC_000010.10
cg12104266	1.17E-08	1.16E-09	-6.39	11.075114	-4.96E-02	44601447	44601570	NC_000020.10
cg22329555	1.17E-08	1.16E-09	-6.39	11.0746316	-7.69E-02	30777558	30777681	NC_000020.10
cg21858516	1.17E-08	1.16E-09	-6.39	11.0741104	-9.48E-02	59103353	59103476	NC_000014.8
cg25380464	1.17E-08	1.16E-09	-6.39	11.0740382	-1.19E-01	52923340	52923463	NC_000006.11
cg05936667	1.17E-08	1.16E-09	-6.39	11.0739742	-1.92E-02	89992136	89992259	NC_000016.9
cg11388866	1.17E-08	1.16E-09	-6.39	11.073543	-5.38E-02	40752116	40752239	NC_000021.8
cg22267234	1.17E-08	1.16E-09	-6.39	11.0735164	-6.26E-02	9087524	9087647	NC_000011.9
cg27148952	1.17E-08	1.16E-09	-6.39	11.0734538	-1.79E-02	49518347	49518470	NC_000006.11
cg21363706	1.17E-08	1.17E-09	-6.39	11.0722733	-1.26E-01	18066485	18066608	NC_000008.10

cg19894728	1.17E-08	1.17E-09	-6.39	11.0713541	-1.12E-01	105423113	105423236	NC_000007.13
cg20854539	1.17E-08	1.17E-09	-6.39	11.0702391	-1.09E-01	135475426	135475549	NC_000002.11
cg02404843	1.17E-08	1.17E-09	-6.39	11.0696619	-2.47E-02	176037404	176037527	NC_000005.9
cg19290504	1.18E-08	1.17E-09	-6.39	11.0674634	-4.82E-02	3867060	3867183	NC_000017.10
cg18612956	1.18E-08	1.17E-09	-6.39	11.0671932	-8.85E-02	26848344	26848467	NC_000017.10
cg14790107	1.18E-08	1.17E-09	-6.39	11.0665779	-1.09E-01	204047878	204048001	NC_000001.10
cg12807237	1.18E-08	1.17E-09	-6.39	11.0646684	-1.11E-01	134729045	134729168	NC_000010.10
cg11180624	1.18E-08	1.18E-09	-6.39	11.0625774	-2.79E-02	95705445	95705568	NC_000007.13
ch.8.2527088R	1.18E-08	1.18E-09	-6.39	11.0621884	-1.80E-02	127629477	127629600	NC_000008.10
cg06700234	1.18E-08	1.18E-09	-6.39	11.0611294	-1.69E-01	145642243	145642366	NC_000008.10
cg17481703	1.18E-08	1.18E-09	-6.39	11.0605109	-1.63E-01	76444831	76444954	NC_000013.10
cg08498942	1.18E-08	1.18E-09	-6.39	11.0597185	-4.50E-02	42110188	42110311	NC_000006.11
cg26748028	1.18E-08	1.18E-09	-6.39	11.0596477	-2.61E-02	40697398	40697521	NC_000019.9
ch.17.1457304R	1.18E-08	1.18E-09	-6.39	11.058954	-2.62E-02	55195361	55195484	NC_000017.10
cg06331700	1.19E-08	1.18E-09	-6.39	11.0584097	-1.33E-01	22661121	22661244	NC_000013.10
cg11747081	1.19E-08	1.18E-09	-6.39	11.0582821	-1.69E-01	76444823	76444946	NC_000013.10
cg01012560	1.19E-08	1.18E-09	-6.39	11.0573102	-2.93E-02	235324573	235324696	NC_000001.10
cg18880646	1.19E-08	1.18E-09	-6.39	11.0570462	-1.28E-01	97375699	97375822	NC_000006.11
cg17798857	1.19E-08	1.19E-09	-6.39	11.0555498	-1.44E-01	70994632	70994755	NC_000015.9
cg15177211	1.19E-08	1.19E-09	-6.39	11.0547249	-1.34E-01	75567469	75567592	NC_000007.13
cg16022876	1.19E-08	1.19E-09	-6.39	11.05389	-1.18E-01	1471939	1472062	NC_000011.9
cg11151251	1.19E-08	1.19E-09	-6.39	11.0531405	-8.93E-02	69522003	69522126	NC_000014.8
cg16882373	1.19E-08	1.19E-09	-6.39	11.0528814	-1.33E-01	26191458	26191581	NC_000007.13
cg12117660	1.19E-08	1.19E-09	-6.39	11.0523371	-3.79E-02	16555778	16555901	NC_000020.10
cg04174226	1.19E-08	1.19E-09	-6.39	11.0518176	-4.92E-02	162164773	162164896	NC_000002.11

cg23571857	1.19E-08	1.19E-09	-6.39	11.0506954	-1.08E-01	6658898	6659021	NC_000017.10
cg24461524	1.20E-08	1.19E-09	-6.39	11.0490778	-1.19E-01	4207451	4207574	NC_000019.9
cg10370262	1.20E-08	1.19E-09	-6.39	11.0485173	-8.58E-02	151396512	151396635	NC_000007.13
cg04207142	1.20E-08	1.20E-09	-6.39	11.0476126	-6.39E-02	86089106	86089229	NC_000008.10
cg20118306	1.20E-08	1.20E-09	-6.39	11.0475735	-3.62E-02	30688860	30688983	NC_000006.11
cg04874343	1.20E-08	1.20E-09	-6.39	11.0474462	-1.08E-01	113718405	113718528	NC_000013.10
cg24056365	1.20E-08	1.20E-09	-6.39	11.0474361	-1.33E-01	110834615	110834738	NC_000001.10
cg09508289	1.20E-08	1.20E-09	-6.39	11.0472714	-1.40E-01	3978604	3978727	NC_000006.11
cg23553576	1.20E-08	1.20E-09	-6.39	11.0469841	-9.13E-02	85451557	85451680	NC_000011.9
cg01831166	1.20E-08	1.20E-09	-6.39	11.043145	-3.83E-02	198570100	198570223	NC_000002.11
cg09164168	1.20E-08	1.20E-09	-6.39	11.0423946	-1.10E-01	89384721	89384844	NC_000016.9
cg05789711	1.20E-08	1.20E-09	-6.39	11.0420569	-5.56E-02	23724428	23724551	NC_000016.9
cg09792378	1.20E-08	1.20E-09	-6.39	11.0410553	-9.40E-02	60021987	60022110	NC_000013.10
cg22001807	1.20E-08	1.20E-09	-6.39	11.0410111	-8.95E-02	30690355	30690478	NC_000006.11
cg03421236	1.21E-08	1.20E-09	-6.39	11.0406055	-1.27E-01	49486155	49486278	NC_000016.9
cg12070351	1.21E-08	1.21E-09	-6.39	11.0385582	-7.89E-02	202613601	202613724	NC_000001.10
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cg08125125	1.21E-08	1.21E-09	-6.39	11.0374699	-9.94E-02	149980486	149980609	NC_000005.9
cg01263716	1.21E-08	1.21E-09	-6.39	11.0370672	-1.40E-02	2951590	2951713	NC_000011.9
cg16590792	1.21E-08	1.21E-09	-6.39	11.0362214	-1.40E-01	144888877	144889000	NC_000002.11
cg09905511	1.21E-08	1.21E-09	-6.39	11.0360009	-1.46E-01	77621916	77622039	NC_000002.11
cg16733136	1.21E-08	1.21E-09	-6.39	11.0352544	-8.03E-02	6404058	6404181	NC_000001.10
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cg16260355	1.21E-08	1.21E-09	-6.39	11.0342448	-5.41E-02	72575844	72575967	NC_000010.10
cg10011083	1.21E-08	1.21E-09	-6.39	11.0342204	-1.86E-02	55639278	55639401	NC_000007.13

cg15099418	1.21E-08	1.21E-09	-6.39	11.0339694	-1.56E-01	117593637	117593760	NC_000003.11
cg02202742	1.21E-08	1.21E-09	-6.39	11.0328067	-9.75E-02	3695595	3695718	NC_000016.9
cg08715862	1.21E-08	1.21E-09	-6.39	11.0321924	-1.28E-01	67275028	67275151	NC_000016.9
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cg19244553	1.22E-08	1.22E-09	-6.39	11.0300353	-1.51E-01	2476987	2477110	NC_000007.13
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cg24851181	1.22E-08	1.22E-09	-6.39	11.0290786	-1.25E-01	138668187	138668310	NC_000003.11
cg20847292	1.22E-08	1.22E-09	-6.39	11.0286339	-1.15E-01	155931629	155931752	NC_000001.10
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cg27240158	1.22E-08	1.22E-09	-6.38	11.0252883	-1.48E-01	12698019	12698142	NC_000011.9
cg00543443	1.22E-08	1.22E-09	-6.38	11.0246347	-6.51E-02	34638744	34638867	NC_000020.10
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cg02417408	1.23E-08	1.23E-09	-6.38	11.0224404	-1.01E-01	52280688	52280811	NC_000003.11
cg23642001	1.23E-08	1.23E-09	-6.38	11.0224039	-4.20E-02	67025419	67025542	NC_000008.10
cg03239386	1.23E-08	1.23E-09	-6.38	11.0214901	-6.29E-02	45999978	46000101	NC_000019.9
cg03449389	1.23E-08	1.23E-09	-6.38	11.0205646	-2.82E-02	41889537	41889660	NC_000006.11
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cg27306787	1.23E-08	1.23E-09	-6.38	11.0189089	-1.32E-01	19879176	19879299	NC_000022.10
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cg24366564	1.23E-08	1.23E-09	-6.38	11.0170759	-9.16E-02	2843149	2843272	NC_000017.10
cg25729466	1.23E-08	1.23E-09	-6.38	11.0166904	-1.47E-01	195972365	195972488	NC_000001.10



cg00914562	1.23E-08	1.23E-09	-6.38	11.0162673	-2.78E-02	23857269	23857392	NC_000001.10
cg15271054	1.24E-08	1.24E-09	-6.38	11.0149208	-9.81E-02	62077647	62077770	NC_000020.10
cg23889093	1.24E-08	1.24E-09	-6.38	11.0142545	-6.11E-02	39844656	39844779	NC_000017.10
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cg04286030	1.24E-08	1.24E-09	-6.38	11.0126459	-8.16E-02	2313373	2313496	NC_000001.10
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cg04803798	1.24E-08	1.24E-09	-6.38	11.0111433	-1.41E-01	145642295	145642418	NC_000008.10
cg03874358	1.24E-08	1.24E-09	-6.38	11.0108837	-1.04E-01	17392384	17392507	NC_000019.9
cg22939709	1.24E-08	1.24E-09	-6.38	11.0095719	-1.02E-01	31498218	31498341	NC_000022.10
cg08251131	1.24E-08	1.24E-09	-6.38	11.0094132	-2.60E-02	227915846	227915969	NC_000001.10
cg24631450	1.24E-08	1.24E-09	-6.38	11.0089908	-1.84E-02	234262952	234263075	NC_000002.11
cg09230938	1.24E-08	1.24E-09	-6.38	11.0086482	-1.01E-01	183722448	183722571	NC_000003.11
cg14026602	1.24E-08	1.25E-09	-6.38	11.0068459	-4.26E-02	9056723	9056846	NC_000016.9
cg14381255	1.25E-08	1.25E-09	-6.38	11.0048746	-8.46E-02	113437214	113437337	NC_000013.10
cg09147710	1.25E-08	1.25E-09	-6.38	11.0044264	-3.63E-02	57607335	57607458	NC_000020.10
cg20969675	1.25E-08	1.25E-09	-6.38	11.0030475	-6.73E-02	62222808	62222931	NC_000017.10
cg05644602	1.25E-08	1.25E-09	-6.38	11.0029762	-1.19E-01	74795186	74795309	NC_000002.11
cg08839210	1.25E-08	1.25E-09	-6.38	11.0023208	-1.34E-01	27045048	27045171	NC_000017.10
cg18733690	1.25E-08	1.25E-09	-6.38	11.0017532	-1.21E-01	112896872	112896995	NC_000010.10
cg01936565	1.25E-08	1.25E-09	-6.38	11.0015574	-4.00E-02	1785618	1785741	NC_000011.9
cg00700596	1.25E-08	1.25E-09	-6.38	11.00088	-5.38E-02	47277029	47277152	NC_000006.11
cg01973456	1.25E-08	1.25E-09	-6.38	11.0002854	-1.66E-01	114918702	114918825	NC_000013.10
cg00407901	1.25E-08	1.26E-09	-6.38	10.9997008	-5.61E-02	7917212	7917335	NC_000020.10
cg18360755	1.25E-08	1.26E-09	-6.38	10.9990874	-7.74E-02	65251475	65251598	NC_000002.11

cg00338749	1.25E-08	1.26E-09	-6.38	10.9990163	-7.92E-02	1036677	1036800	NC_000011.9
cg16107285	1.26E-08	1.26E-09	-6.38	10.9976397	-8.50E-02	99645031	99645154	NC_000015.9
cg22257056	1.26E-08	1.26E-09	-6.38	10.9976005	-1.11E-01	32462766	32462889	NC_000003.11
cg00816240	1.26E-08	1.26E-09	-6.38	10.9964738	-9.60E-02	232477075	232477198	NC_000002.11
cg08835221	1.26E-08	1.26E-09	-6.38	10.9945101	-6.83E-02	38071607	38071730	NC_000022.10
cg26184741	1.26E-08	1.26E-09	-6.38	10.9933003	-7.57E-02	9291739	9291862	NC_000003.11
cg00814597	1.26E-08	1.26E-09	-6.38	10.9929992	-6.40E-02	144386148	144386271	NC_000006.11
cg24587080	1.26E-08	1.26E-09	-6.38	10.9924092	-1.16E-01	160016373	160016496	NC_000006.11
cg00075967	1.26E-08	1.26E-09	-6.38	10.9923689	-1.31E-01	74495354	74495477	NC_000015.9
cg25951288	1.26E-08	1.27E-09	-6.38	10.9919493	-1.10E-01	77218480	77218603	NC_000018.9
cg10481740	1.27E-08	1.27E-09	-6.38	10.9890559	-4.06E-02	1857103	1857226	NC_000004.11
cg09243576	1.27E-08	1.27E-09	-6.38	10.9889624	-1.10E-01	46850588	46850711	NC_000003.11
cg14946515	1.27E-08	1.27E-09	-6.38	10.9887463	-2.56E-02	25989916	25990039	NC_000004.11
cg12758485	1.27E-08	1.27E-09	-6.38	10.9877902	-1.19E-01	168785396	168785519	NC_000006.11
cg12661343	1.27E-08	1.27E-09	-6.38	10.9875066	-4.92E-02	52312684	52312807	NC_000003.11
cg09596131	1.27E-08	1.27E-09	-6.38	10.9871039	-1.32E-01	19986567	19986690	NC_000002.11
cg00078221	1.27E-08	1.27E-09	-6.38	10.9850606	-8.55E-02	139927754	139927877	NC_000005.9
cg11800672	1.27E-08	1.27E-09	-6.38	10.984936	-1.61E-01	145642291	145642414	NC_000008.10
cg08162476	1.27E-08	1.27E-09	-6.38	10.9847369	-8.41E-02	13064001	13064124	NC_000003.11
cg15677364	1.27E-08	1.28E-09	-6.38	10.9840582	-1.56E-01	30687221	30687344	NC_000006.11
cg12198830	1.27E-08	1.28E-09	-6.38	10.982747	-6.45E-02	106645490	106645613	NC_000012.11
cg13488501	1.27E-08	1.28E-09	-6.38	10.9824886	-1.23E-01	46805584	46805707	NC_000001.10
cg00641679	1.27E-08	1.28E-09	-6.38	10.9823207	-1.36E-01	94230311	94230434	NC_000008.10
cg06263395	1.28E-08	1.28E-09	-6.38	10.9815575	-8.64E-02	46195640	46195763	NC_000010.10
cg23635728	1.28E-08	1.28E-09	-6.38	10.9811005	-1.23E-01	33765409	33765532	NC_000007.13

cg07871636	1.28E-08	1.28E-09	-6.38	10.9798145	-3.59E-02	14017192	14017315	NC_000019.9
cg27646965	1.28E-08	1.28E-09	-6.38	10.9794005	-1.08E-01	238814032	238814155	NC_000002.11
cg04060366	1.28E-08	1.28E-09	-6.38	10.9793718	-1.14E-01	168079025	168079148	NC_000006.11
cg00688840	1.28E-08	1.28E-09	-6.38	10.9793373	-9.45E-02	106363051	106363174	NC_000014.8
cg01806261	1.28E-08	1.28E-09	-6.38	10.9792713	-6.77E-02	110722380	110722503	NC_000007.13
cg07955887	1.28E-08	1.28E-09	-6.38	10.9786237	-1.85E-01	8717926	8718049	NC_000018.9
cg06924873	1.28E-08	1.28E-09	-6.38	10.9781939	-1.05E-01	172943770	172943893	NC_000002.11
cg04579800	1.28E-08	1.28E-09	-6.38	10.977835	-3.86E-02	18451220	18451343	NC_000019.9
cg26390512	1.28E-08	1.29E-09	-6.38	10.9765233	-7.41E-02	6714166	6714289	NC_000006.11
cg13725958	1.28E-08	1.29E-09	-6.38	10.9755218	-4.82E-02	48712219	48712342	NC_000017.10
cg16571642	1.28E-08	1.29E-09	-6.38	10.9754032	-1.05E-01	158045996	158046119	NC_000007.13
cg26814835	1.28E-08	1.29E-09	-6.38	10.9745884	-1.36E-01	30195969	30196092	NC_000020.10
cg16631417	1.28E-08	1.29E-09	-6.38	10.9744982	-1.27E-01	41993127	41993250	NC_000017.10
ch.11.130657691R	1.28E-08	1.29E-09	-6.38	10.973771	-6.69E-02	131152481	131152604	NC_000011.9
cg21176130	1.28E-08	1.29E-09	-6.38	10.9736414	-1.51E-01	30458158	30458281	NC_000006.11
cg21531604	1.28E-08	1.29E-09	-6.38	10.9735175	-1.08E-01	2551598	2551721	NC_000007.13
cg13745832	1.29E-08	1.29E-09	-6.37	10.9723976	-7.99E-02	15405942	15406065	NC_000017.10
cg04016485	1.29E-08	1.29E-09	-6.37	10.9717692	-1.09E-01	26244324	26244447	NC_000012.11
cg11628739	1.29E-08	1.29E-09	-6.37	10.9713437	-1.13E-01	60731254	60731377	NC_000017.10
ch.1.117057666F	1.29E-08	1.29E-09	-6.37	10.9701887	-3.97E-02	117256143	117256266	NC_000001.10
cg06204229	1.29E-08	1.30E-09	-6.37	10.9687269	-1.07E-01	52865917	52866040	NC_000003.11
cg00486113	1.29E-08	1.30E-09	-6.37	10.9683887	-6.17E-02	31105711	31105834	NC_000006.11
cg05098551	1.29E-08	1.30E-09	-6.37	10.967601	-1.15E-01	179344725	179344848	NC_000002.11
cg19584674	1.29E-08	1.30E-09	-6.37	10.9670034	-6.90E-02	24898818	24898941	NC_000014.8
cg24375218	1.30E-08	1.30E-09	-6.37	10.9653618	-1.82E-01	46461399	46461522	NC_000018.9

cg24709511	1.30E-08	1.30E-09	-6.37	10.9652795	-6.95E-02	2251570	2251693	NC_000001.10
cg13531509	1.30E-08	1.30E-09	-6.37	10.9640384	-5.88E-02	79793353	79793476	NC_000010.10
cg01538021	1.30E-08	1.30E-09	-6.37	10.9637405	-2.50E-02	38296400	38296523	NC_000017.10
cg22675956	1.30E-08	1.30E-09	-6.37	10.9634134	-6.51E-02	171882060	171882183	NC_000005.9
cg20023102	1.30E-08	1.30E-09	-6.37	10.9632643	-7.23E-02	80055049	80055172	NC_000013.10
cg14248680	1.30E-08	1.30E-09	-6.37	10.9626406	-4.45E-02	2972186	2972309	NC_000006.11
cg08074084	1.30E-08	1.30E-09	-6.37	10.9623575	-2.78E-02	65880369	65880492	NC_000014.8
cg07624915	1.30E-08	1.30E-09	-6.37	10.9621888	-4.21E-02	3689151	3689274	NC_000001.10
cg07903860	1.30E-08	1.30E-09	-6.37	10.9619487	-4.04E-02	14995957	14996080	NC_000010.10
cg10345522	1.30E-08	1.31E-09	-6.37	10.9607759	-7.91E-02	105169673	105169796	NC_000014.8
cg13345558	1.30E-08	1.31E-09	-6.37	10.960553	-1.11E-01	40796738	40796861	NC_000005.9
cg07142009	1.30E-08	1.31E-09	-6.37	10.9603705	-1.95E-01	6656315	6656438	NC_000017.10
cg05945230	1.30E-08	1.31E-09	-6.37	10.9595901	-1.26E-01	12425767	12425890	NC_000017.10
cg15540623	1.30E-08	1.31E-09	-6.37	10.9584162	-9.88E-02	52388221	52388344	NC_000012.11
cg01161055	1.31E-08	1.31E-09	-6.37	10.9573404	-7.86E-02	32437813	32437936	NC_000012.11
cg06240896	1.31E-08	1.31E-09	-6.37	10.956435	-2.85E-02	100136768	100136891	NC_000007.13
cg03855656	1.31E-08	1.31E-09	-6.37	10.9557272	-6.73E-02	42896105	42896228	NC_000022.10
cg14951488	1.31E-08	1.32E-09	-6.37	10.9542256	-4.40E-02	95256188	95256311	NC_000010.10
cg02589949	1.31E-08	1.32E-09	-6.37	10.9520637	-1.08E-01	13027685	13027808	NC_000012.11
cg23018117	1.31E-08	1.32E-09	-6.37	10.9520086	-1.65E-01	150413687	150413810	NC_000007.13
cg14663177	1.31E-08	1.32E-09	-6.37	10.951894	-1.63E-01	38373737	38373860	NC_000002.11
cg07823935	1.31E-08	1.32E-09	-6.37	10.9518795	-3.38E-02	183902842	183902965	NC_000002.11
cg26015040	1.31E-08	1.32E-09	-6.37	10.9517344	-4.27E-02	7764362	7764485	NC_000019.9
cg17006281	1.31E-08	1.32E-09	-6.37	10.9516262	-1.32E-01	154589595	154589718	NC_000007.13
cg16092390	1.31E-08	1.32E-09	-6.37	10.9513737	-9.54E-02	36720207	36720330	NC_000022.10

cg22344841	1.31E-08	1.32E-09	-6.37	10.9504434	-1.44E-01	20421656	20421779	NC_000002.11
cg11574001	1.31E-08	1.32E-09	-6.37	10.9503762	-3.41E-02	706070	706193	NC_000011.9
cg08595782	1.31E-08	1.32E-09	-6.37	10.9502208	-7.21E-02	88096995	88097118	NC_000016.9
cg00469015	1.31E-08	1.32E-09	-6.37	10.9497371	-1.26E-01	69744684	69744807	NC_000015.9
cg04415270	1.31E-08	1.32E-09	-6.37	10.9496533	-1.33E-01	102091202	102091325	NC_000002.11
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cg23050996	1.32E-08	1.32E-09	-6.37	10.9492461	-5.01E-02	114514230	114514353	NC_000002.11
cg24279744	1.32E-08	1.32E-09	-6.37	10.9491134	-1.04E-01	10408402	10408525	NC_000003.11
cg26504110	1.32E-08	1.32E-09	-6.37	10.9489106	-1.33E-01	41130041	41130164	NC_000019.9
cg23774016	1.32E-08	1.32E-09	-6.37	10.9488632	-1.22E-01	159284082	159284205	NC_000001.10
cg27321079	1.32E-08	1.32E-09	-6.37	10.9488326	-3.99E-02	100034454	100034577	NC_000007.13
cg05556202	1.32E-08	1.32E-09	-6.37	10.9484857	-1.09E-01	196065106	196065229	NC_000003.11
cg06390079	1.32E-08	1.33E-09	-6.37	10.9469039	-8.89E-02	19648855	19648978	NC_000017.10
cg08906263	1.32E-08	1.33E-09	-6.37	10.9464793	-2.67E-02	57261572	57261695	NC_000003.11
cg13010797	1.32E-08	1.33E-09	-6.37	10.9451223	-5.69E-02	42725643	42725766	NC_000003.11
cg10231067	1.32E-08	1.33E-09	-6.37	10.9449962	-1.46E-01	19254731	19254854	NC_000001.10
cg02501746	1.32E-08	1.33E-09	-6.37	10.9448725	-1.36E-01	30209513	30209636	NC_000007.13
cg12703371	1.32E-08	1.33E-09	-6.37	10.9424028	-2.91E-02	103266563	103266686	NC_000004.11
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cg00161556	1.33E-08	1.34E-09	-6.37	10.939078	-1.27E-01	19138045	19138168	NC_000011.9
cg03025061	1.33E-08	1.34E-09	-6.37	10.9369208	-2.08E-02	109261275	109261398	NC_000008.10
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cg20306511	1.33E-08	1.34E-09	-6.37	10.9359995	-4.42E-02	19718791	19718914	NC_000022.10
cg16689634	1.34E-08	1.34E-09	-6.37	10.9334661	-3.17E-02	47489539	47489662	NC_000001.10
cg01128574	1.34E-08	1.34E-09	-6.37	10.9326909	-1.55E-01	2058865	2058988	NC_000007.13

cg10407598	1.34E-08	1.34E-09	-6.37	10.9326748	-1.44E-01	73629365	73629488	NC_000017.10
cg03139228	1.34E-08	1.34E-09	-6.37	10.9323941	-6.49E-02	77082448	77082571	NC_000018.9
cg01154445	1.34E-08	1.35E-09	-6.37	10.9309669	-1.55E-01	206548171	206548294	NC_000002.11
cg25114183	1.34E-08	1.35E-09	-6.37	10.9299437	-1.16E-01	152147803	152147926	NC_000004.11
cg22730459	1.34E-08	1.35E-09	-6.37	10.9297346	-8.73E-02	83548035	83548158	NC_000011.9
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cg15358752	1.34E-08	1.35E-09	-6.37	10.9264734	-4.48E-02	228566333	228566456	NC_000001.10
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cg20721320	1.34E-08	1.35E-09	-6.37	10.9259455	-9.72E-02	177660036	177660159	NC_000005.9
cg07554966	1.34E-08	1.35E-09	-6.37	10.925902	-2.43E-02	75483803	75483926	NC_000003.11
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cg18456803	1.35E-08	1.36E-09	-6.37	10.9230463	-8.75E-02	41593519	41593642	NC_000013.10
cg15921587	1.35E-08	1.36E-09	-6.36	10.9189301	-6.76E-02	73144353	73144476	NC_000002.11
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cg17825156	1.35E-08	1.36E-09	-6.36	10.9181384	-4.79E-02	67391082	67391205	NC_000001.10
cg10175719	1.35E-08	1.36E-09	-6.36	10.9180714	-4.59E-02	28592238	28592361	NC_000010.10
cg04794690	1.36E-08	1.37E-09	-6.36	10.9165912	-1.11E-01	17768059	17768182	NC_000001.10
cg03662648	1.36E-08	1.37E-09	-6.36	10.91648	-1.06E-01	6481826	6481949	NC_000019.9
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cg23227726	1.36E-08	1.37E-09	-6.36	10.9158678	-7.64E-02	72143885	72144008	NC_000011.9
cg25287482	1.36E-08	1.37E-09	-6.36	10.9155781	-8.16E-02	23884847	23884970	NC_000001.10
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cg04156940	1.36E-08	1.37E-09	-6.36	10.9143876	-1.43E-01	55197704	55197827	NC_000007.13
cg10767008	1.36E-08	1.37E-09	-6.36	10.9140957	-1.39E-01	157794688	157794811	NC_000007.13
cg12754671	1.36E-08	1.37E-09	-6.36	10.9133305	-6.14E-02	161171876	161171999	NC_000001.10
cg01033299	1.36E-08	1.37E-09	-6.36	10.9128888	-1.39E-01	53601015	53601138	NC_000012.11
cg13518968	1.36E-08	1.37E-09	-6.36	10.9120781	-1.18E-01	20138378	20138501	NC_000008.10
cg09717516	1.36E-08	1.37E-09	-6.36	10.9112908	-9.07E-02	1949480	1949603	NC_000005.9
cg05867134	1.36E-08	1.37E-09	-6.36	10.91078	-8.41E-02	31009035	31009158	NC_000016.9
cg05580671	1.36E-08	1.38E-09	-6.36	10.910609	-1.22E-01	38006196	38006319	NC_000008.10
cg26405020	1.37E-08	1.38E-09	-6.36	10.9102067	-1.33E-01	91427363	91427486	NC_000015.9
cg20545721	1.37E-08	1.38E-09	-6.36	10.9098658	-8.71E-02	144925333	144925456	NC_000008.10
cg22258976	1.37E-08	1.38E-09	-6.36	10.9089991	-2.56E-02	65628542	65628665	NC_000011.9
ch.10.132220714F	1.37E-08	1.38E-09	-6.36	10.9089428	-1.52E-02	132330724	132330847	NC_000010.10
cg05416753	1.37E-08	1.38E-09	-6.36	10.908923	-1.32E-01	98681235	98681358	NC_000003.11
cg24203542	1.37E-08	1.38E-09	-6.36	10.9085198	-1.20E-01	19462284	19462407	NC_000011.9
cg19024296	1.37E-08	1.38E-09	-6.36	10.9076831	-3.26E-02	1324834	1324957	NC_000019.9
cg20450318	1.37E-08	1.38E-09	-6.36	10.9072785	-1.48E-01	65415260	65415383	NC_000011.9
cg08611402	1.37E-08	1.38E-09	-6.36	10.9072218	-1.09E-01	80933006	80933129	NC_000004.11
cg24661184	1.37E-08	1.38E-09	-6.36	10.9071677	-1.13E-01	47416959	47417082	NC_000007.13
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cg04409048	1.37E-08	1.38E-09	-6.36	10.9069803	-6.44E-02	146203625	146203748	NC_000006.11
cg06038342	1.37E-08	1.38E-09	-6.36	10.9066912	-1.38E-01	114864808	114864931	NC_000013.10
cg18443571	1.37E-08	1.38E-09	-6.36	10.9066676	-1.25E-01	90547692	90547815	NC_000015.9

cg15700776	1.37E-08	1.38E-09	-6.36	10.9057164	-8.22E-02	108852048	108852171	NC_000004.11
cg20471045	1.37E-08	1.38E-09	-6.36	10.9055771	-4.13E-02	49568214	49568337	NC_000019.9
cg16820186	1.37E-08	1.38E-09	-6.36	10.9047286	-1.27E-01	17373103	17373226	NC_000011.9
cg04303590	1.37E-08	1.38E-09	-6.36	10.9044143	-1.37E-01	116890539	116890662	NC_000006.11
cg03981596	1.37E-08	1.39E-09	-6.36	10.9032313	-7.81E-02	21695771	21695894	NC_000016.9
cg10882522	1.38E-08	1.39E-09	-6.36	10.9008647	-1.09E-01	57199792	57199915	NC_000003.11
cg08962767	1.38E-08	1.39E-09	-6.36	10.9005023	-2.28E-02	53773782	53773905	NC_000012.11
cg24433341	1.38E-08	1.39E-09	-6.36	10.8997651	-7.31E-02	72272568	72272691	NC_000017.10
cg15414828	1.38E-08	1.39E-09	-6.36	10.899031	-3.67E-02	71791511	71791634	NC_000011.9
cg13716880	1.38E-08	1.39E-09	-6.36	10.8973794	-8.03E-02	10148773	10148896	NC_000002.11
cg25730441	1.38E-08	1.40E-09	-6.36	10.8961242	-3.36E-02	90167783	90167906	NC_000014.8
cg10589539	1.38E-08	1.40E-09	-6.36	10.8959531	-9.63E-02	119514395	119514518	NC_000003.11
cg22461615	1.38E-08	1.40E-09	-6.36	10.8949232	-4.51E-02	83821917	83822040	NC_000004.11
cg17818792	1.39E-08	1.40E-09	-6.36	10.8943315	-1.48E-01	14115538	14115661	NC_000017.10
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cg14909545	1.39E-08	1.40E-09	-6.36	10.8933476	-2.88E-02	56521953	56522076	NC_000012.11
cg21376090	1.39E-08	1.40E-09	-6.36	10.8929431	-1.47E-01	106201547	106201670	NC_000006.11
cg19581790	1.39E-08	1.40E-09	-6.36	10.8924711	-1.37E-01	222644621	222644744	NC_000002.11
cg03341641	1.39E-08	1.40E-09	-6.36	10.8921781	-8.73E-02	49810606	49810729	NC_000010.10
cg27228712	1.39E-08	1.40E-09	-6.36	10.8914985	-1.74E-01	570041	570164	NC_000007.13
cg02469457	1.39E-08	1.40E-09	-6.36	10.890715	-2.82E-02	242254758	242254881	NC_000002.11
cg24072331	1.39E-08	1.41E-09	-6.36	10.8878785	-6.87E-02	125584119	125584242	NC_000006.11
cg09392819	1.40E-08	1.41E-09	-6.36	10.8867487	-3.36E-02	26568944	26569067	NC_000002.11
cg02763032	1.40E-08	1.41E-09	-6.36	10.886372	-6.00E-02	74425761	74425884	NC_000002.11
cg26484108	1.40E-08	1.41E-09	-6.36	10.8862309	-1.37E-01	117580995	117581118	NC_000012.11



cg13030790	1.40E-08	1.41E-09	-6.36	10.8847418	-1.74E-01	36421503	36421626	NC_000021.8
cg00206779	1.40E-08	1.41E-09	-6.36	10.8831745	-1.36E-01	105341338	105341461	NC_000008.10
cg05658793	1.40E-08	1.41E-09	-6.36	10.8827647	-8.88E-02	18893382	18893505	NC_000022.10
cg00370106	1.40E-08	1.42E-09	-6.36	10.8821267	-1.80E-01	159071106	159071229	NC_000006.11
cg12492027	1.40E-08	1.42E-09	-6.36	10.8819315	-8.96E-02	35089174	35089297	NC_000020.10
cg06775361	1.41E-08	1.42E-09	-6.36	10.8776464	-1.35E-01	141188341	141188464	NC_000004.11
cg01576275	1.41E-08	1.42E-09	-6.36	10.8766014	-9.40E-02	43409880	43410003	NC_000022.10
cg02907064	1.41E-08	1.42E-09	-6.36	10.8763787	-8.79E-02	10928327	10928450	NC_000019.9
cg05617452	1.41E-08	1.43E-09	-6.36	10.8752605	-4.67E-02	1877333	1877456	NC_000016.9
cg01639898	1.41E-08	1.43E-09	-6.36	10.8733042	-1.20E-01	32083012	32083135	NC_000001.10
cg15961993	1.41E-08	1.43E-09	-6.36	10.8724977	-1.78E-01	132930478	132930601	NC_000003.11
cg04753786	1.41E-08	1.43E-09	-6.36	10.8724711	-4.16E-02	48281744	48281867	NC_000019.9
ch.21.366880F	1.42E-08	1.43E-09	-6.36	10.8720784	-3.79E-02	33747404	33747527	NC_000021.8
cg21477717	1.42E-08	1.43E-09	-6.36	10.8716843	-5.45E-02	17982682	17982805	NC_000019.9
cg10288437	1.42E-08	1.43E-09	-6.36	10.8705927	-9.76E-02	158432894	158433017	NC_000006.11
ch.20.1534602F	1.42E-08	1.44E-09	-6.36	10.8686506	-3.53E-02	62645068	62645191	NC_000020.10
cg16272777	1.42E-08	1.44E-09	-6.36	10.8684954	-5.34E-02	23694780	23694903	NC_000001.10
cg25091829	1.42E-08	1.44E-09	-6.36	10.868312	-3.94E-02	116601170	116601293	NC_000006.11
cg22065124	1.42E-08	1.44E-09	-6.36	10.868188	-1.28E-01	73649955	73650078	NC_000013.10
cg04653776	1.42E-08	1.44E-09	-6.36	10.8679419	-5.97E-02	32399093	32399216	NC_000020.10
cg26684511	1.42E-08	1.44E-09	-6.36	10.8676939	-3.74E-02	185827275	185827398	NC_000003.11
cg14528881	1.42E-08	1.44E-09	-6.35	10.866692	-3.30E-02	113864354	113864477	NC_000013.10
cg13018639	1.42E-08	1.44E-09	-6.35	10.8657167	-1.36E-01	30027969	30028092	NC_000014.8
cg23642827	1.42E-08	1.44E-09	-6.35	10.8653891	-1.24E-01	98751284	98751407	NC_000010.10
cg23004043	1.42E-08	1.44E-09	-6.35	10.8651763	-3.64E-02	23387995	23388118	NC_000014.8

cg26734350	1.43E-08	1.44E-09	-6.35	10.8647089	-9.92E-02	57662008	57662131	NC_000016.9
cg04834097	1.43E-08	1.44E-09	-6.35	10.8644374	-7.85E-02	63774078	63774201	NC_000007.13
cg24175777	1.43E-08	1.44E-09	-6.35	10.864028	-2.93E-02	149119846	149119969	NC_000007.13
cg06427502	1.43E-08	1.44E-09	-6.35	10.8637049	-6.67E-02	3012800	3012923	NC_000011.9
cg06511678	1.43E-08	1.44E-09	-6.35	10.8628143	-1.15E-01	7038746	7038869	NC_000018.9
cg15042150	1.43E-08	1.44E-09	-6.35	10.8626587	-9.87E-02	18654681	18654804	NC_000019.9
cg03948207	1.43E-08	1.44E-09	-6.35	10.8626482	-5.34E-02	114302014	114302137	NC_000001.10
ch.1.59074111F	1.43E-08	1.45E-09	-6.35	10.8609128	-3.88E-02	59301523	59301646	NC_000001.10
cg23731991	1.43E-08	1.45E-09	-6.35	10.8606079	-3.10E-02	130795031	130795154	NC_000007.13
cg14372171	1.43E-08	1.45E-09	-6.35	10.8602349	-6.85E-02	44093010	44093133	NC_000015.9
cg13725826	1.43E-08	1.45E-09	-6.35	10.8597426	-1.45E-01	100211213	100211336	NC_000014.8
cg00003287	1.43E-08	1.45E-09	-6.35	10.8597171	-6.63E-02	201346149	201346272	NC_000001.10
cg24911283	1.43E-08	1.45E-09	-6.35	10.8590632	-7.88E-02	24780369	24780492	NC_000004.11
cg02788230	1.43E-08	1.45E-09	-6.35	10.8589931	-5.64E-02	4167479	4167602	NC_000004.11
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cg10982275	1.43E-08	1.45E-09	-6.35	10.8578444	-1.05E-01	41059627	41059750	NC_000015.9
cg16856722	1.44E-08	1.45E-09	-6.35	10.8574823	-1.60E-01	9920535	9920658	NC_000003.11
cg06839900	1.44E-08	1.45E-09	-6.35	10.8572396	-8.31E-02	2461900	2462023	NC_000001.10
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cg07095347	1.44E-08	1.45E-09	-6.35	10.8571282	-1.29E-01	133253256	133253379	NC_000006.11
cg01994190	1.44E-08	1.45E-09	-6.35	10.8570093	-9.21E-02	119768574	119768697	NC_000002.11
cg19618897	1.44E-08	1.45E-09	-6.35	10.8555611	-8.97E-02	65242892	65243015	NC_000017.10
cg03228132	1.44E-08	1.46E-09	-6.35	10.8550268	-1.63E-01	129781429	129781552	NC_000007.13
cg02331673	1.44E-08	1.46E-09	-6.35	10.8549082	-1.10E-01	1102389	1102512	NC_000001.10
cg01200051	1.44E-08	1.46E-09	-6.35	10.8545462	-8.40E-02	55954647	55954770	NC_000007.13

cg17415859	1.44E-08	1.46E-09	-6.35	10.8518121	-1.34E-01	4218990	4219113	NC_000007.13
cg07793807	1.44E-08	1.46E-09	-6.35	10.850779	-1.29E-01	226823363	226823486	NC_000001.10
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cg09774842	1.45E-08	1.46E-09	-6.35	10.8502109	-9.73E-02	3052483	3052606	NC_000020.10
cg10914292	1.45E-08	1.46E-09	-6.35	10.8493186	-1.24E-01	67746210	67746333	NC_000005.9
cg08413402	1.45E-08	1.46E-09	-6.35	10.8487224	-3.03E-02	32313017	32313140	NC_000005.9
cg16734845	1.45E-08	1.47E-09	-6.35	10.8485006	-1.29E-01	44781962	44782085	NC_000015.9
cg09489757	1.45E-08	1.47E-09	-6.35	10.8472899	-1.26E-01	41006345	41006468	NC_000006.11
cg25032321	1.45E-08	1.47E-09	-6.35	10.8461915	-1.18E-01	99227533	99227656	NC_000013.10
cg26115228	1.45E-08	1.47E-09	-6.35	10.8458987	-1.26E-01	85116113	85116236	NC_000002.11
cg00823095	1.45E-08	1.47E-09	-6.35	10.8446847	-4.95E-02	208416449	208416572	NC_000001.10
cg18967180	1.45E-08	1.47E-09	-6.35	10.8440403	-4.11E-02	140241567	140241690	NC_000007.13
cg12422154	1.45E-08	1.47E-09	-6.35	10.8436932	-1.23E-01	30130819	30130942	NC_000006.11
cg04052570	1.45E-08	1.47E-09	-6.35	10.843623	-4.20E-02	88459528	88459651	NC_000014.8
cg01498641	1.46E-08	1.47E-09	-6.35	10.842806	-1.67E-01	85365443	85365566	NC_000016.9
cg08374799	1.46E-08	1.48E-09	-6.35	10.8418696	-1.52E-01	53601050	53601173	NC_000012.11
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cg25797454	1.46E-08	1.48E-09	-6.35	10.8388514	-1.19E-01	150327115	150327238	NC_000006.11
cg04173396	1.46E-08	1.48E-09	-6.35	10.8361566	-9.75E-02	61821400	61821523	NC_000008.10
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cg19641625	1.47E-08	1.49E-09	-6.35	10.8319217	-9.99E-02	168925633	168925756	NC_000006.11
cg05539265	1.47E-08	1.49E-09	-6.35	10.8314227	-1.25E-01	102717438	102717561	NC_000002.11
cg16155081	1.47E-08	1.49E-09	-6.35	10.8301105	-1.20E-01	9983211	9983334	NC_000002.11

cg10759286	1.47E-08	1.49E-09	-6.35	10.829724	-1.32E-01	1927864	1927987	NC_000001.10
cg15556090	1.47E-08	1.49E-09	-6.35	10.8291702	-5.38E-02	149195153	149195276	NC_000007.13
cg21930889	1.48E-08	1.50E-09	-6.35	10.8286616	-5.18E-02	3444479	3444602	NC_000011.9
cg16264966	1.48E-08	1.50E-09	-6.35	10.8285114	-1.87E-01	41613790	41613913	NC_000022.10
cg24995503	1.48E-08	1.50E-09	-6.35	10.8282548	-1.05E-01	103046300	103046423	NC_000014.8
ch.3.1112796R	1.48E-08	1.50E-09	-6.35	10.8281243	-1.87E-02	51452653	51452776	NC_000003.11
cg27273033	1.48E-08	1.50E-09	-6.35	10.8278646	-9.59E-02	35773718	35773841	NC_000019.9
cg25240478	1.48E-08	1.50E-09	-6.35	10.8272031	-6.23E-02	2395772	2395895	NC_000004.11
cg23130957	1.48E-08	1.50E-09	-6.35	10.8269459	-8.10E-02	1657346	1657469	NC_000005.9
cg04402122	1.48E-08	1.50E-09	-6.35	10.8269199	-1.18E-01	1544648	1544771	NC_000016.9
cg04566512	1.48E-08	1.50E-09	-6.35	10.8268117	-1.74E-01	46457588	46457711	NC_000022.10
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cg11239575	1.48E-08	1.50E-09	-6.35	10.8262494	-1.29E-01	3705765	3705888	NC_000017.10
cg11607742	1.48E-08	1.50E-09	-6.35	10.824755	-7.43E-02	38869646	38869769	NC_000019.9
cg10619644	1.48E-08	1.50E-09	-6.35	10.824657	-1.42E-01	69149951	69150074	NC_000007.13
cg20808693	1.48E-08	1.50E-09	-6.35	10.8241847	-1.01E-01	150951482	150951605	NC_000007.13
cg07430967	1.48E-08	1.50E-09	-6.35	10.8240188	-1.39E-01	72954350	72954473	NC_000017.10
cg16226300	1.48E-08	1.50E-09	-6.35	10.8238771	-5.68E-02	133136135	133136258	NC_000006.11
cg01710865	1.48E-08	1.50E-09	-6.35	10.8234288	-4.39E-02	48937404	48937527	NC_000001.10
cg05192293	1.48E-08	1.50E-09	-6.35	10.8224601	-1.26E-01	71934086	71934209	NC_000010.10
cg22300566	1.49E-08	1.51E-09	-6.35	10.8214478	-1.04E-01	1598558	1598681	NC_000006.11
cg06215939	1.49E-08	1.51E-09	-6.35	10.821404	-7.25E-02	1755402	1755525	NC_000016.9
cg23660866	1.49E-08	1.51E-09	-6.35	10.8211682	-1.16E-01	95009914	95010037	NC_000014.8
cg13863668	1.49E-08	1.51E-09	-6.35	10.82058	-1.45E-01	28996561	28996684	NC_000001.10
cg27418564	1.49E-08	1.51E-09	-6.35	10.8203739	-3.50E-02	44581614	44581737	NC_000015.9

cg26154860	1.49E-08	1.51E-09	-6.35	10.8201219	-1.07E-01	129721259	129721382	NC_000003.11
cg18719170	1.49E-08	1.51E-09	-6.35	10.8181613	-6.09E-02	240969975	240970098	NC_000002.11
cg03495688	1.49E-08	1.51E-09	-6.35	10.8176714	-2.85E-02	6007586	6007709	NC_000009.11
cg06597861	1.49E-08	1.51E-09	-6.35	10.8172783	-2.98E-02	144100572	144100695	NC_000008.10
cg11332505	1.49E-08	1.51E-09	-6.35	10.8165709	-8.93E-02	3294322	3294445	NC_000001.10
cg20602843	1.49E-08	1.51E-09	-6.35	10.8165626	-1.30E-01	95351603	95351726	NC_000010.10
cg13683534	1.49E-08	1.52E-09	-6.35	10.8149466	-1.15E-01	139221076	139221199	NC_000009.11
cg21364231	1.50E-08	1.52E-09	-6.34	10.813752	-5.27E-02	152161058	152161181	NC_000007.13
cg20109233	1.50E-08	1.52E-09	-6.34	10.8127756	-9.75E-02	114313136	114313259	NC_000012.11
cg19701531	1.50E-08	1.52E-09	-6.34	10.8121063	-1.10E-01	76026560	76026683	NC_000007.13
cg02804920	1.50E-08	1.52E-09	-6.34	10.8113604	-3.16E-02	5833275	5833398	NC_000007.13
cg22451100	1.50E-08	1.52E-09	-6.34	10.8100664	-1.09E-01	178107899	178108022	NC_000002.11
cg26299174	1.50E-08	1.52E-09	-6.34	10.8098609	-3.00E-02	23751369	23751492	NC_000001.10
cg06078990	1.51E-08	1.53E-09	-6.34	10.8052472	-1.43E-02	62205560	62205683	NC_000020.10
cg24221742	1.51E-08	1.53E-09	-6.34	10.8046036	-1.16E-01	74868220	74868343	NC_000017.10
cg05894801	1.51E-08	1.53E-09	-6.34	10.8044377	-1.56E-01	155850469	155850592	NC_000006.11
cg04727357	1.51E-08	1.53E-09	-6.34	10.8044309	-1.01E-01	7137270	7137393	NC_000004.11
cg01935436	1.51E-08	1.53E-09	-6.34	10.8038007	-7.33E-02	129793013	129793136	NC_000007.13
cg09848080	1.51E-08	1.54E-09	-6.34	10.802824	-1.00E-01	41642064	41642187	NC_000019.9
cg26859841	1.51E-08	1.54E-09	-6.34	10.8009905	-6.57E-02	228784104	228784227	NC_000001.10
cg18002126	1.51E-08	1.54E-09	-6.34	10.8003652	-1.75E-01	3221373	3221496	NC_000007.13
cg25769852	1.52E-08	1.54E-09	-6.34	10.8002635	-1.32E-01	9914057	9914180	NC_000012.11
cg14622857	1.52E-08	1.54E-09	-6.34	10.7999506	-6.72E-02	21941432	21941555	NC_000015.9
cg02838499	1.52E-08	1.54E-09	-6.34	10.7995431	-2.15E-02	4342461	4342584	NC_000019.9
cg11856810	1.52E-08	1.54E-09	-6.34	10.798214	-4.82E-02	155554961	155555084	NC_000002.11

cg11209001	1.52E-08	1.54E-09	-6.34	10.7981243	-5.72E-02	121647654	121647777	NC_000012.11
cg20636249	1.52E-08	1.54E-09	-6.34	10.7973456	-3.50E-02	26624039	26624162	NC_000013.10
cg22108680	1.52E-08	1.54E-09	-6.34	10.7966407	-7.43E-02	4108220	4108343	NC_000004.11
cg14349231	1.52E-08	1.55E-09	-6.34	10.7966237	-1.37E-01	103340474	103340597	NC_000009.11
cg12346491	1.52E-08	1.55E-09	-6.34	10.7957742	-1.66E-01	145277815	145277938	NC_000004.11
cg21680449	1.52E-08	1.55E-09	-6.34	10.7955448	-6.33E-02	34206330	34206453	NC_000020.10
cg08818207	1.52E-08	1.55E-09	-6.34	10.7955195	-1.08E-01	32820355	32820478	NC_000006.11
cg13922121	1.52E-08	1.55E-09	-6.34	10.7951566	-1.21E-01	19575262	19575385	NC_000011.9
cg17241937	1.52E-08	1.55E-09	-6.34	10.7943001	-1.29E-01	99664011	99664134	NC_000003.11
cg09530650	1.52E-08	1.55E-09	-6.34	10.7940663	-6.69E-02	137024163	137024286	NC_000005.9
cg21071748	1.53E-08	1.55E-09	-6.34	10.7933378	-2.06E-02	121790349	121790472	NC_000012.11
cg13664579	1.53E-08	1.55E-09	-6.34	10.7931308	-4.66E-02	136020089	136020212	NC_000009.11
cg24526433	1.53E-08	1.55E-09	-6.34	10.7926805	-1.50E-01	37794080	37794203	NC_000017.10
cg01412886	1.53E-08	1.55E-09	-6.34	10.7923753	-1.35E-01	105445253	105445376	NC_000014.8
cg17752270	1.53E-08	1.55E-09	-6.34	10.7918856	-9.40E-02	169706238	169706361	NC_000005.9
cg03025880	1.53E-08	1.56E-09	-6.34	10.7893029	-1.22E-01	100572172	100572295	NC_000004.11
cg27437304	1.53E-08	1.56E-09	-6.34	10.7883888	-1.55E-01	129992368	129992491	NC_000011.9
cg21878650	1.53E-08	1.56E-09	-6.34	10.7878642	-1.52E-01	64558623	64558746	NC_000005.9
cg02775846	1.53E-08	1.56E-09	-6.34	10.7872628	-2.08E-02	83775730	83775853	NC_000006.11
cg11427039	1.54E-08	1.56E-09	-6.34	10.784758	-5.24E-02	26438888	26439011	NC_000001.10
cg14766620	1.54E-08	1.56E-09	-6.34	10.7843718	-9.10E-02	5018860	5018983	NC_000003.11
cg14626725	1.54E-08	1.56E-09	-6.34	10.7842214	-1.33E-01	238080231	238080354	NC_000002.11
cg10651583	1.54E-08	1.57E-09	-6.34	10.7835029	-7.06E-02	57941069	57941192	NC_000012.11
cg03591753	1.54E-08	1.57E-09	-6.34	10.7821925	-8.55E-02	35659141	35659264	NC_000006.11
cg25675800	1.54E-08	1.57E-09	-6.34	10.7818378	-9.57E-02	39360961	39361084	NC_000019.9

cg27164770	1.54E-08	1.57E-09	-6.34	10.7810724	-1.42E-01	94891445	94891568	NC_000013.10
cg11855555	1.54E-08	1.57E-09	-6.34	10.780922	-9.00E-02	68232134	68232257	NC_000001.10
cg17550708	1.54E-08	1.57E-09	-6.34	10.7807378	-9.37E-02	570261	570384	NC_000005.9
cg21914526	1.54E-08	1.57E-09	-6.34	10.7800311	-1.33E-01	157638226	157638349	NC_000007.13
cg25908504	1.55E-08	1.58E-09	-6.34	10.7770911	-2.52E-02	74722769	74722892	NC_000017.10
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cg11859845	1.55E-08	1.58E-09	-6.34	10.7750498	-3.07E-02	52703348	52703471	NC_000013.10
cg11601663	1.55E-08	1.58E-09	-6.34	10.7739423	-1.18E-01	15666820	15666943	NC_000010.10
cg24519108	1.55E-08	1.58E-09	-6.34	10.7733248	-1.44E-01	6421063	6421186	NC_000008.10
cg26030974	1.56E-08	1.58E-09	-6.34	10.7726762	-2.63E-02	45266791	45266914	NC_000017.10
cg08135787	1.56E-08	1.59E-09	-6.34	10.7701154	-1.62E-02	26538969	26539092	NC_000006.11
cg14831539	1.56E-08	1.59E-09	-6.34	10.7684975	-6.35E-02	18988324	18988447	NC_000001.10
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cg02483128	1.56E-08	1.59E-09	-6.34	10.7670675	-1.95E-02	17598503	17598626	NC_000017.10
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cg20054420	1.57E-08	1.60E-09	-6.34	10.7643066	-1.16E-01	22590199	22590322	NC_000012.11
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cg15464363	1.57E-08	1.60E-09	-6.34	10.7640422	-6.35E-02	32149800	32149923	NC_000022.10
cg06211724	1.57E-08	1.60E-09	-6.34	10.7639242	-6.07E-02	183155437	183155560	NC_000001.10
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cg11969108	1.57E-08	1.60E-09	-6.34	10.7632153	-1.13E-01	154582418	154582541	NC_000007.13

cg16300556	1.57E-08	1.60E-09	-6.34	10.7625334	-1.39E-01	758981	759104	NC_000005.9
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cg05316694	1.58E-08	1.61E-09	-6.33	10.7555991	-8.11E-02	99786833	99786956	NC_000014.8
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cg22124136	1.59E-08	1.62E-09	-6.33	10.7526781	-6.87E-02	34391985	34392108	NC_000013.10
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cg17713010	1.59E-08	1.62E-09	-6.33	10.7512851	-1.16E-01	54876598	54876721	NC_000019.9
cg11162104	1.59E-08	1.62E-09	-6.33	10.7508876	-1.24E-01	204677873	204677996	NC_000001.10
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cg15408889	1.59E-08	1.62E-09	-6.33	10.7473022	-1.10E-01	118623661	118623784	NC_000005.9



cg13954548	1.59E-08	1.63E-09	-6.33	10.7466032	-1.35E-01	47334060	47334183	NC_000019.9
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cg05730215	1.60E-08	1.63E-09	-6.33	10.7421714	-3.92E-02	27435253	27435376	NC_000002.11
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cg05192452	1.62E-08	1.65E-09	-6.33	10.7320625	-7.36E-02	71852759	71852882	NC_000005.9

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cg15166583	1.66E-08	1.70E-09	-6.32	10.7033029	-7.32E-02	86208322	86208445	NC_000011.9
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cg13201461	1.67E-08	1.71E-09	-6.32	10.6964455	-8.29E-02	109288968	109289091	NC_000001.10
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cg00620628	1.69E-08	1.73E-09	-6.32	10.6859043	-9.24E-02	238165917	238166040	NC_000002.11
cg25424194	1.69E-08	1.73E-09	-6.32	10.6858157	-9.75E-02	41388232	41388355	NC_000019.9
cg04344000	1.69E-08	1.73E-09	-6.32	10.6854265	-1.34E-01	117869857	117869980	NC_000006.11
cg00715290	1.69E-08	1.73E-09	-6.32	10.6852955	-1.20E-01	2221807	2221930	NC_000001.10

cg07398558	1.69E-08	1.73E-09	-6.32	10.6851351	-2.49E-02	28879201	28879324	NC_000001.10
cg26487562	1.69E-08	1.73E-09	-6.32	10.6850391	-1.10E-01	14225959	14226082	NC_000019.9
cg23551720	1.69E-08	1.73E-09	-6.32	10.683544	-1.71E-01	46633726	46633849	NC_000017.10
cg16116973	1.69E-08	1.73E-09	-6.32	10.6831863	-7.02E-02	33759608	33759731	NC_000020.10
cg01651915	1.70E-08	1.74E-09	-6.32	10.6818121	-1.26E-01	55795551	55795674	NC_000008.10
cg11896795	1.70E-08	1.74E-09	-6.32	10.6816484	-2.03E-02	5465465	5465588	NC_000007.13
cg11228005	1.70E-08	1.74E-09	-6.32	10.6796875	-3.30E-02	197477097	197477220	NC_000003.11
cg22940152	1.70E-08	1.74E-09	-6.32	10.679237	-6.43E-02	62669102	62669225	NC_000020.10
cg08719380	1.70E-08	1.74E-09	-6.32	10.6782643	-1.21E-01	152830505	152830628	NC_000002.11
cg04307508	1.71E-08	1.75E-09	-6.32	10.6758216	-1.31E-01	10959101	10959224	NC_000019.9
cg23909173	1.71E-08	1.75E-09	-6.32	10.6742694	-8.46E-02	94451389	94451512	NC_000014.8
cg03890167	1.71E-08	1.75E-09	-6.32	10.6737027	-6.82E-02	203242638	203242761	NC_000001.10
cg01510990	1.71E-08	1.75E-09	-6.32	10.6730598	-1.48E-01	4914643	4914766	NC_000006.11
cg05581878	1.71E-08	1.75E-09	-6.32	10.6723355	-1.22E-01	159886981	159887104	NC_000003.11
cg26804944	1.71E-08	1.76E-09	-6.32	10.6707889	-4.39E-02	56660921	56661044	NC_000012.11
cg15612947	1.72E-08	1.76E-09	-6.32	10.6697681	-1.74E-01	14464064	14464187	NC_000005.9
cg05393023	1.72E-08	1.76E-09	-6.32	10.6693381	-1.49E-01	168194826	168194949	NC_000001.10
cg04435807	1.72E-08	1.76E-09	-6.32	10.6685587	-1.43E-01	90610522	90610645	NC_000010.10
cg18666379	1.72E-08	1.76E-09	-6.32	10.6679154	-1.06E-01	44503867	44503990	NC_000010.10
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cg20650545	1.72E-08	1.77E-09	-6.32	10.6655082	-1.26E-01	39826677	39826800	NC_000019.9
cg24159723	1.73E-08	1.77E-09	-6.32	10.6635864	-3.98E-02	132387639	132387762	NC_000005.9
cg14737484	1.73E-08	1.77E-09	-6.32	10.6625794	-1.13E-01	32054561	32054684	NC_000006.11

cg07674459	1.73E-08	1.77E-09	-6.32	10.6624601	-9.41E-02	100892205	100892328	NC_000015.9
cg13726633	1.73E-08	1.77E-09	-6.32	10.6620866	-6.78E-02	179064405	179064528	NC_000003.11
cg23768117	1.73E-08	1.77E-09	-6.32	10.6619878	-1.09E-01	79134486	79134609	NC_000017.10
cg09772299	1.73E-08	1.77E-09	-6.32	10.6610135	-9.64E-02	136783103	136783226	NC_000002.11
cg24897126	1.73E-08	1.77E-09	-6.32	10.6609026	-8.97E-02	6474383	6474506	NC_000001.10
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cg21048700	1.73E-08	1.78E-09	-6.32	10.6580236	-1.47E-01	189762162	189762285	NC_000002.11
cg11768167	1.74E-08	1.78E-09	-6.31	10.6565011	-1.16E-01	29690889	29691012	NC_000006.11
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cg15910685	1.74E-08	1.79E-09	-6.31	10.6549502	-2.07E-02	79980098	79980221	NC_000013.10
cg01953591	1.74E-08	1.79E-09	-6.31	10.6545755	-3.30E-02	169555805	169555928	NC_000001.10
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cg12256080	1.74E-08	1.79E-09	-6.31	10.6533018	-3.07E-02	26597000	26597123	NC_000006.11
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cg18932526	1.75E-08	1.79E-09	-6.31	10.651559	-1.10E-01	49608557	49608680	NC_000010.10
cg22380322	1.75E-08	1.79E-09	-6.31	10.6514879	-1.12E-01	36566160	36566283	NC_000001.10
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cg03728806	1.75E-08	1.80E-09	-6.31	10.6491572	-1.11E-01	147361831	147361954	NC_000006.11
cg23858706	1.75E-08	1.80E-09	-6.31	10.6486306	-7.02E-02	62122039	62122162	NC_000020.10
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cg10787981	1.75E-08	1.80E-09	-6.31	10.6468221	-7.61E-02	15148999	15149122	NC_000011.9
cg15488794	1.76E-08	1.80E-09	-6.31	10.6444652	-1.46E-01	30262899	30263022	NC_000020.10
cg07263981	1.76E-08	1.81E-09	-6.31	10.6441296	-4.04E-02	26726691	26726814	NC_000002.11
cg23324101	1.76E-08	1.81E-09	-6.31	10.6437013	-1.41E-01	17444399	17444522	NC_000019.9

ch.7.901673F	1.76E-08	1.81E-09	-6.31	10.6424491	-5.44E-02	38262698	38262821	NC_000007.13
cg12271332	1.76E-08	1.81E-09	-6.31	10.6418652	-2.25E-02	67579608	67579731	NC_000008.10
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cg09185990	1.76E-08	1.81E-09	-6.31	10.6408429	-1.11E-01	22090231	22090354	NC_000012.11
cg05106785	1.76E-08	1.81E-09	-6.31	10.6404406	-1.23E-01	190303960	190304083	NC_000003.11
cg12401918	1.76E-08	1.81E-09	-6.31	10.6404387	-7.56E-02	32164723	32164846	NC_000006.11
cg18933685	1.76E-08	1.81E-09	-6.31	10.640378	-1.61E-01	4255780	4255903	NC_000007.13
cg02977524	1.76E-08	1.81E-09	-6.31	10.6401993	-7.96E-02	234747788	234747911	NC_000001.10
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cg22736354	1.77E-08	1.82E-09	-6.31	10.6370073	-7.33E-02	18122719	18122842	NC_000006.11
cg01034251	1.77E-08	1.82E-09	-6.31	10.6363194	-1.50E-01	88748522	88748645	NC_000016.9
cg17385448	1.77E-08	1.82E-09	-6.31	10.6362132	-6.53E-02	15911702	15911825	NC_000001.10
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cg14099685	1.78E-08	1.83E-09	-6.31	10.6332276	-8.25E-02	47546068	47546191	NC_000011.9
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cg02791973	1.78E-08	1.83E-09	-6.31	10.6314128	-2.37E-01	1132256	1132379	NC_000019.9
cg18976869	1.78E-08	1.83E-09	-6.31	10.6296025	-2.83E-02	146102046	146102169	NC_000004.11
cg19107692	1.78E-08	1.83E-09	-6.31	10.6288628	-3.63E-02	147829408	147829531	NC_000006.11
cg03826618	1.78E-08	1.83E-09	-6.31	10.6288596	-9.21E-02	117297328	117297451	NC_000011.9
cg01798149	1.78E-08	1.83E-09	-6.31	10.6286637	-6.88E-02	28751111	28751234	NC_000016.9
cg09185884	1.78E-08	1.83E-09	-6.31	10.6286156	-1.66E-01	73056145	73056268	NC_000017.10
cg04089246	1.78E-08	1.83E-09	-6.31	10.6285308	-7.91E-02	47579217	47579340	NC_000007.13
cg10334127	1.79E-08	1.84E-09	-6.31	10.628087	-9.68E-02	33656146	33656269	NC_000011.9
cg07378762	1.79E-08	1.84E-09	-6.31	10.6280417	-7.01E-02	169376470	169376593	NC_000003.11
cg14647880	1.79E-08	1.84E-09	-6.31	10.6278724	-1.11E-01	86946141	86946264	NC_000007.13

cg00771084	1.79E-08	1.84E-09	-6.31	10.6276447	-7.74E-02	242598843	242598966	NC_000002.11
cg11891256	1.79E-08	1.84E-09	-6.31	10.6275692	-1.20E-01	101349035	101349158	NC_000012.11
cg19360930	1.79E-08	1.84E-09	-6.31	10.6273593	-1.47E-01	20111778	20111901	NC_000002.11
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cg09490880	1.79E-08	1.84E-09	-6.31	10.6268891	-1.06E-01	24914970	24915093	NC_000004.11
cg17625891	1.79E-08	1.84E-09	-6.31	10.6261999	-6.86E-02	41218583	41218706	NC_000004.11
cg24371534	1.79E-08	1.84E-09	-6.31	10.6257073	-1.34E-01	3384929	3385052	NC_000001.10
cg13727629	1.79E-08	1.84E-09	-6.31	10.6238053	-1.40E-01	2232469	2232592	NC_000001.10
cg20954533	1.79E-08	1.84E-09	-6.31	10.6236026	-1.50E-01	71462729	71462852	NC_000005.9
cg08598296	1.79E-08	1.84E-09	-6.31	10.6234793	-3.01E-02	62704199	62704322	NC_000010.10
cg14741153	1.79E-08	1.84E-09	-6.31	10.623208	-7.95E-02	95753348	95753471	NC_000010.10
cg07613930	1.79E-08	1.85E-09	-6.31	10.6229229	-5.69E-02	117316665	117316788	NC_000012.11
cg14210311	1.79E-08	1.85E-09	-6.31	10.6222692	-1.89E-01	44726943	44727066	NC_000001.10
cg09308847	1.80E-08	1.85E-09	-6.31	10.6203714	-7.39E-02	29242602	29242725	NC_000016.9
cg24423806	1.80E-08	1.85E-09	-6.31	10.6201833	-5.48E-02	66310467	66310590	NC_000011.9
cg14933468	1.80E-08	1.85E-09	-6.31	10.6194652	-1.10E-01	62138599	62138722	NC_000011.9
cg05057534	1.80E-08	1.85E-09	-6.31	10.6177467	-1.12E-01	28497669	28497792	NC_000002.11
cg12390237	1.80E-08	1.86E-09	-6.31	10.6169639	-9.14E-02	34634263	34634386	NC_000015.9
cg07015079	1.81E-08	1.86E-09	-6.31	10.6161877	-6.85E-02	145549441	145549564	NC_000001.10
cg08493590	1.81E-08	1.86E-09	-6.31	10.6146738	-1.10E-01	44796705	44796828	NC_000006.11
cg23860337	1.81E-08	1.86E-09	-6.31	10.6143732	-1.61E-01	42434572	42434695	NC_000019.9
cg07155478	1.81E-08	1.86E-09	-6.31	10.6139588	-3.82E-02	197283151	197283274	NC_000003.11
cg08410996	1.81E-08	1.87E-09	-6.31	10.611027	-2.12E-01	76373022	76373145	NC_000005.9
cg26101183	1.82E-08	1.87E-09	-6.31	10.6100682	-6.96E-02	65930786	65930909	NC_000010.10
cg09253581	1.82E-08	1.87E-09	-6.31	10.6094291	-5.82E-02	44302822	44302945	NC_000019.9



cg05133853	1.82E-08	1.87E-09	-6.31	10.6092986	-1.20E-01	5265008	5265131	NC_000011.9
cg01233518	1.82E-08	1.87E-09	-6.31	10.6088873	-1.41E-01	44837158	44837281	NC_000021.8
cg04476865	1.82E-08	1.87E-09	-6.31	10.6084274	-1.14E-01	36223476	36223599	NC_000013.10
ch.15.292390F	1.82E-08	1.87E-09	-6.31	10.6082792	-4.14E-02	35241472	35241595	NC_000015.9
cg23515651	1.82E-08	1.87E-09	-6.31	10.6082631	-7.69E-02	77988841	77988964	NC_000015.9
cg21114840	1.82E-08	1.88E-09	-6.31	10.6063805	-7.53E-02	40752097	40752220	NC_000021.8
ch.1.30340112R	1.82E-08	1.88E-09	-6.31	10.6063735	-4.40E-02	30567525	30567648	NC_000001.10
cg11982525	1.82E-08	1.88E-09	-6.31	10.6061372	-1.76E-01	106505688	106505811	NC_000007.13
cg26123763	1.82E-08	1.88E-09	-6.31	10.60612	-9.06E-02	150516043	150516166	NC_000003.11
cg24985331	1.82E-08	1.88E-09	-6.31	10.6060451	-2.70E-02	38210911	38211034	NC_000017.10
cg11651538	1.83E-08	1.88E-09	-6.31	10.6048311	-1.03E-01	56320950	56321073	NC_000001.10
cg23101680	1.83E-08	1.88E-09	-6.31	10.6047531	-1.23E-01	46277286	46277409	NC_000013.10
cg14280181	1.83E-08	1.88E-09	-6.31	10.6043825	-1.35E-01	223291007	223291130	NC_000002.11
cg23978161	1.83E-08	1.88E-09	-6.31	10.6042752	-3.22E-02	77870897	77871020	NC_000004.11
cg13322582	1.83E-08	1.88E-09	-6.3	10.6025874	-9.41E-02	38720689	38720812	NC_000019.9
cg09642525	1.83E-08	1.88E-09	-6.3	10.6020584	-7.72E-02	85320701	85320824	NC_000016.9
cg10708588	1.83E-08	1.89E-09	-6.3	10.601455	-3.54E-02	23810816	23810939	NC_000001.10
cg12995370	1.83E-08	1.89E-09	-6.3	10.5997805	-1.52E-02	52904697	52904820	NC_000004.11
cg05481579	1.83E-08	1.89E-09	-6.3	10.5996074	-1.18E-01	79030796	79030919	NC_000017.10
cg10125119	1.83E-08	1.89E-09	-6.3	10.5994056	-5.35E-02	115300850	115300973	NC_000001.10
cg19716073	1.84E-08	1.89E-09	-6.3	10.5984144	-1.22E-01	65039817	65039940	NC_000017.10
cg16371082	1.84E-08	1.89E-09	-6.3	10.598063	-2.11E-02	134083158	134083281	NC_000003.11
cg10626391	1.84E-08	1.89E-09	-6.3	10.5974939	-3.61E-02	883112	883235	NC_000017.10
cg09284772	1.84E-08	1.90E-09	-6.3	10.5960874	-4.57E-02	30709924	30710047	NC_000006.11
cg26133217	1.84E-08	1.90E-09	-6.3	10.5953194	-1.04E-01	233157602	233157725	NC_000002.11

cg05885410	1.84E-08	1.90E-09	-6.3	10.5953082	-8.98E-02	88459516	88459639	NC_000016.9
cg05734973	1.84E-08	1.90E-09	-6.3	10.5942939	-7.30E-02	15139826	15139949	NC_000003.11
cg05308645	1.84E-08	1.90E-09	-6.3	10.5940501	-9.76E-02	184107534	184107657	NC_000003.11
cg03951374	1.84E-08	1.90E-09	-6.3	10.5937104	-1.43E-01	37390176	37390299	NC_000015.9
cg17835455	1.84E-08	1.90E-09	-6.3	10.5935464	-1.40E-01	84464130	84464253	NC_000012.11
cg02435083	1.85E-08	1.90E-09	-6.3	10.5917277	-1.07E-01	8943436	8943559	NC_000016.9
ch.11.1810631R	1.85E-08	1.91E-09	-6.3	10.5915259	-1.35E-02	84371458	84371581	NC_000011.9
cg07875786	1.85E-08	1.91E-09	-6.3	10.5915203	-7.76E-02	92918927	92919050	NC_000005.9
cg07737802	1.85E-08	1.91E-09	-6.3	10.5913312	-1.31E-01	95537812	95537935	NC_000012.11
cg08084675	1.85E-08	1.91E-09	-6.3	10.5910035	-7.28E-02	32915497	32915620	NC_000011.9
cg14118175	1.85E-08	1.91E-09	-6.3	10.5889979	-9.35E-02	94152384	94152507	NC_000013.10
cg02989257	1.85E-08	1.91E-09	-6.3	10.5879476	-1.01E-01	32169274	32169397	NC_000001.10
cg18786374	1.86E-08	1.91E-09	-6.3	10.5871093	-1.18E-01	202313532	202313655	NC_000002.11
cg17988524	1.86E-08	1.91E-09	-6.3	10.5869312	-5.34E-02	74681873	74681996	NC_000002.11
cg09581049	1.86E-08	1.91E-09	-6.3	10.5868227	-1.04E-01	42998320	42998443	NC_000017.10
cg00470341	1.86E-08	1.92E-09	-6.3	10.5830503	-1.51E-01	183237787	183237910	NC_000002.11
cg05037488	1.86E-08	1.92E-09	-6.3	10.5824454	-4.10E-02	33395495	33395618	NC_000006.11
cg03840259	1.87E-08	1.93E-09	-6.3	10.5799675	-1.66E-01	40297036	40297159	NC_000022.10
cg07624742	1.87E-08	1.93E-09	-6.3	10.5799633	-8.72E-02	5892048	5892171	NC_000019.9
cg10267925	1.87E-08	1.93E-09	-6.3	10.5786718	-3.13E-02	111170595	111170718	NC_000011.9
cg01346718	1.87E-08	1.93E-09	-6.3	10.5786093	-8.67E-02	38713874	38713997	NC_000022.10
cg21398996	1.88E-08	1.94E-09	-6.3	10.5760268	-1.20E-01	33923778	33923901	NC_000013.10
cg14431850	1.88E-08	1.94E-09	-6.3	10.5748356	-8.21E-02	107666012	107666135	NC_000009.11
cg17213946	1.88E-08	1.94E-09	-6.3	10.5744474	-6.20E-02	43997516	43997639	NC_000001.10
cg20544372	1.88E-08	1.94E-09	-6.3	10.5741925	-3.22E-02	74064549	74064672	NC_000007.13

cg26535158	1.88E-08	1.94E-09	-6.3	10.5741836	-1.19E-01	40175841	40175964	NC_000017.10
cg05521150	1.88E-08	1.94E-09	-6.3	10.5735664	-1.22E-01	11550611	11550734	NC_000004.11
cg09335911	1.88E-08	1.94E-09	-6.3	10.5734831	-4.57E-02	100027962	100028085	NC_000010.10
cg24807294	1.88E-08	1.94E-09	-6.3	10.5733432	-1.24E-01	85397563	85397686	NC_000011.9
cg25545598	1.88E-08	1.94E-09	-6.3	10.5725214	-6.94E-02	107937633	107937756	NC_000008.10
cg11330108	1.88E-08	1.94E-09	-6.3	10.5722615	-8.60E-02	60986115	60986238	NC_000018.9
cg04873169	1.88E-08	1.95E-09	-6.3	10.5712738	-7.74E-02	47021767	47021890	NC_000022.10
cg13718141	1.88E-08	1.95E-09	-6.3	10.5712707	-9.05E-02	37926346	37926469	NC_000009.11
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cg17680902	1.89E-08	1.95E-09	-6.3	10.5707393	-2.34E-02	31927069	31927192	NC_000006.11
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cg00032852	1.90E-08	1.96E-09	-6.3	10.5638628	-2.20E-02	132767132	132767255	NC_000007.13
cg04425624	1.90E-08	1.96E-09	-6.3	10.5631738	-9.78E-02	31543565	31543688	NC_000006.11
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cg02451853	1.90E-08	1.96E-09	-6.3	10.5619308	-8.66E-02	67185429	67185552	NC_000016.9

cg26569002	1.90E-08	1.96E-09	-6.3	10.5616804	-6.53E-02	148747323	148747446	NC_000005.9
cg08866633	1.91E-08	1.97E-09	-6.3	10.5597357	-1.10E-01	113968514	113968637	NC_000013.10
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cg05779675	1.91E-08	1.97E-09	-6.3	10.5581981	-8.82E-02	50637092	50637215	NC_000016.9
cg14611745	1.91E-08	1.98E-09	-6.3	10.5562601	-4.38E-02	227916287	227916410	NC_000001.10
cg07242414	1.92E-08	1.98E-09	-6.3	10.5532638	-4.57E-02	22021845	22021968	NC_000008.10
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cg26833602	1.92E-08	1.98E-09	-6.3	10.5528712	-8.75E-02	95821549	95821672	NC_000009.11
cg14249120	1.92E-08	1.98E-09	-6.3	10.5522236	-4.11E-02	67579493	67579616	NC_000008.10
cg17008052	1.92E-08	1.99E-09	-6.29	10.5505818	-2.91E-02	66112445	66112568	NC_000011.9
cg26684574	1.92E-08	1.99E-09	-6.29	10.5501137	-2.92E-02	48532295	48532418	NC_000020.10
cg14955151	1.92E-08	1.99E-09	-6.29	10.5497377	-3.37E-02	73874635	73874758	NC_000017.10
cg12996913	1.92E-08	1.99E-09	-6.29	10.5493767	-1.19E-01	72338454	72338577	NC_000003.11
cg04522694	1.92E-08	1.99E-09	-6.29	10.5491802	-5.51E-02	7598942	7599065	NC_000019.9
cg26833169	1.93E-08	1.99E-09	-6.29	10.5478633	-9.72E-02	14994045	14994168	NC_000011.9
cg23924222	1.93E-08	1.99E-09	-6.29	10.5473312	-7.46E-02	24658294	24658417	NC_000002.11
cg04486940	1.93E-08	1.99E-09	-6.29	10.5473002	-2.02E-01	44727010	44727133	NC_000001.10
cg20049273	1.93E-08	2.00E-09	-6.29	10.546319	-9.49E-02	125293010	125293133	NC_000008.10
cg05287314	1.93E-08	2.00E-09	-6.29	10.5463105	-5.09E-02	822198	822321	NC_000020.10
cg18675600	1.93E-08	2.00E-09	-6.29	10.5459988	-1.31E-01	142432241	142432364	NC_000008.10
cg19003733	1.93E-08	2.00E-09	-6.29	10.5459115	-6.00E-02	40575462	40575585	NC_000017.10
cg07254066	1.94E-08	2.00E-09	-6.29	10.5436486	-7.91E-02	54965895	54966018	NC_000016.9
cg06121226	1.94E-08	2.00E-09	-6.29	10.5431657	-1.31E-01	72134060	72134183	NC_000004.11

ch.17.1945262F	1.94E-08	2.00E-09	-6.29	10.5430113	-3.26E-02	73220966	73221089	NC_000017.10
cg14173185	1.94E-08	2.00E-09	-6.29	10.5418285	-3.99E-02	48894973	48895096	NC_000019.9
cg17928286	1.94E-08	2.00E-09	-6.29	10.5416591	-1.20E-01	205414220	205414343	NC_000001.10
cg17430967	1.94E-08	2.01E-09	-6.29	10.5416159	-3.79E-02	155948550	155948673	NC_000001.10
cg04876978	1.94E-08	2.01E-09	-6.29	10.5409006	-1.80E-01	112431576	112431699	NC_000007.13
cg27130240	1.94E-08	2.01E-09	-6.29	10.5408729	-1.22E-01	88943533	88943656	NC_000016.9
cg12513616	1.94E-08	2.01E-09	-6.29	10.5402777	-7.25E-02	177370977	177371100	NC_000005.9
cg20927724	1.94E-08	2.01E-09	-6.29	10.5401897	-1.13E-01	90209326	90209449	NC_000015.9
cg01234760	1.94E-08	2.01E-09	-6.29	10.5394403	-5.21E-02	10694545	10694668	NC_000006.11
cg19621460	1.94E-08	2.01E-09	-6.29	10.5393115	-1.39E-01	14225945	14226068	NC_000019.9
cg05196905	1.94E-08	2.01E-09	-6.29	10.5392301	-1.33E-01	47877665	47877788	NC_000021.8
cg04118950	1.94E-08	2.01E-09	-6.29	10.5386321	-1.20E-01	53897039	53897162	NC_000001.10
cg25344964	1.94E-08	2.01E-09	-6.29	10.5385603	-7.19E-02	202897387	202897510	NC_000002.11
cg14330119	1.94E-08	2.01E-09	-6.29	10.5381056	-3.52E-02	73668867	73668990	NC_000007.13
cg16903269	1.95E-08	2.01E-09	-6.29	10.5379332	-9.50E-02	134250389	134250512	NC_000007.13
cg01462546	1.95E-08	2.02E-09	-6.29	10.5366672	-1.47E-01	20864312	20864435	NC_000022.10
cg27288614	1.95E-08	2.02E-09	-6.29	10.5351867	-4.59E-02	35635774	35635897	NC_000019.9
ch.10.6019805R	1.95E-08	2.02E-09	-6.29	10.5339253	-1.44E-02	5979799	5979922	NC_000010.10
cg01071440	1.95E-08	2.02E-09	-6.29	10.5335812	-1.45E-01	19711707	19711830	NC_000001.10
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cg10631373	1.96E-08	2.03E-09	-6.29	10.5312906	-1.06E-01	89457642	89457765	NC_000001.10
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cg17826594	1.96E-08	2.03E-09	-6.29	10.5311412	-4.94E-02	55506014	55506137	NC_000001.10
cg12328660	1.96E-08	2.03E-09	-6.29	10.5288026	-1.36E-01	119896128	119896251	NC_000003.11

cg09516537	1.96E-08	2.03E-09	-6.29	10.5286697	-2.67E-02	46065292	46065415	NC_000018.9
cg17298925	1.96E-08	2.03E-09	-6.29	10.5281493	-1.87E-01	6828054	6828177	NC_000005.9
cg01163071	1.97E-08	2.04E-09	-6.29	10.525919	-7.93E-02	46881511	46881634	NC_000016.9
cg17124700	1.97E-08	2.04E-09	-6.29	10.5255877	-1.12E-01	182642748	182642871	NC_000001.10
cg24222580	1.97E-08	2.04E-09	-6.29	10.5254969	-1.16E-01	113639509	113639632	NC_000013.10
cg02096552	1.97E-08	2.04E-09	-6.29	10.5253938	-1.49E-01	223168232	223168355	NC_000001.10
cg04285652	1.97E-08	2.04E-09	-6.29	10.525257	-8.41E-02	23584042	23584165	NC_000008.10
cg07468956	1.97E-08	2.04E-09	-6.29	10.5251739	-1.39E-01	80289701	80289824	NC_000017.10
cg20785336	1.97E-08	2.04E-09	-6.29	10.524352	-1.50E-01	28064505	28064628	NC_000013.10
cg20549620	1.97E-08	2.04E-09	-6.29	10.523854	-1.24E-01	220970010	220970133	NC_000002.11
cg01187997	1.97E-08	2.04E-09	-6.29	10.5227054	-7.56E-02	1594830	1594953	NC_000011.9
cg22777668	1.97E-08	2.04E-09	-6.29	10.5225324	-8.18E-02	6881303	6881426	NC_000012.11
cg10604333	1.98E-08	2.05E-09	-6.29	10.5218037	-7.45E-02	44529262	44529385	NC_000019.9
cg12046168	1.98E-08	2.05E-09	-6.29	10.5213002	-7.99E-02	23384686	23384809	NC_000010.10
cg07203320	1.98E-08	2.05E-09	-6.29	10.5204668	-1.67E-02	139108984	139109107	NC_000003.11
cg27151629	1.98E-08	2.05E-09	-6.29	10.5193406	-6.65E-02	19411125	19411248	NC_000017.10
cg27553890	1.98E-08	2.05E-09	-6.29	10.5180706	-9.82E-02	109221424	109221547	NC_000012.11
cg27186519	1.99E-08	2.06E-09	-6.29	10.5161409	-1.12E-01	46732376	46732499	NC_000011.9
cg06097423	1.99E-08	2.06E-09	-6.29	10.5149989	-1.13E-01	15955024	15955147	NC_000012.11
cg15673731	1.99E-08	2.06E-09	-6.29	10.51477	-2.57E-02	156084691	156084814	NC_000001.10
cg02075324	1.99E-08	2.06E-09	-6.29	10.5136359	-9.10E-02	55029302	55029425	NC_000014.8
cg13405782	1.99E-08	2.06E-09	-6.29	10.513369	-1.31E-01	30060868	30060991	NC_000020.10
cg20707668	1.99E-08	2.07E-09	-6.29	10.5123589	-1.30E-01	3671697	3671820	NC_000004.11
cg15981475	1.99E-08	2.07E-09	-6.29	10.5121479	-9.22E-02	76921948	76922071	NC_000017.10
cg00784105	1.99E-08	2.07E-09	-6.29	10.5119484	-9.09E-02	19636065	19636188	NC_000001.10

cg12318408	2.00E-08	2.07E-09	-6.29	10.5107708	-7.36E-02	2699802	2699925	NC_000017.10
cg05641535	2.00E-08	2.07E-09	-6.29	10.5107273	-9.11E-02	3026154	3026277	NC_000001.10
cg19245758	2.00E-08	2.07E-09	-6.29	10.5105502	-1.12E-01	101497779	101497902	NC_000003.11
cg05732646	2.00E-08	2.07E-09	-6.29	10.5098685	-5.58E-02	41706942	41707065	NC_000013.10
cg04133572	2.00E-08	2.07E-09	-6.29	10.5091092	-4.76E-02	161195810	161195933	NC_000001.10
cg02002258	2.00E-08	2.07E-09	-6.29	10.5086154	-9.84E-02	26700976	26701099	NC_000002.11
cg10311048	2.00E-08	2.08E-09	-6.29	10.5078189	-1.56E-01	27996771	27996894	NC_000012.11
cg22595711	2.00E-08	2.08E-09	-6.29	10.5076909	-3.25E-02	83351836	83351959	NC_000004.11
cg00763594	2.00E-08	2.08E-09	-6.29	10.5076789	-1.31E-01	15256054	15256177	NC_000001.10
cg13134448	2.00E-08	2.08E-09	-6.29	10.5068487	-5.16E-02	36689477	36689600	NC_000001.10
cg27664689	2.00E-08	2.08E-09	-6.29	10.5066941	-1.46E-01	152830665	152830788	NC_000002.11
cg06916446	2.00E-08	2.08E-09	-6.29	10.5064794	-7.70E-02	179105010	179105133	NC_000005.9
cg14494421	2.00E-08	2.08E-09	-6.29	10.5063441	-7.33E-02	139636616	139636739	NC_000009.11
cg26818165	2.01E-08	2.08E-09	-6.29	10.504709	-1.06E-01	6481857	6481980	NC_000019.9
cg11132469	2.01E-08	2.08E-09	-6.29	10.503683	-1.41E-01	142432283	142432406	NC_000008.10
cg02205391	2.01E-08	2.09E-09	-6.29	10.5029254	-6.15E-02	31762409	31762532	NC_000006.11
cg11361691	2.01E-08	2.09E-09	-6.29	10.5028962	-3.05E-02	57993876	57993999	NC_000003.11
cg22077361	2.01E-08	2.09E-09	-6.29	10.5014102	-1.40E-01	24195347	24195470	NC_000001.10
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cg03167763	2.02E-08	2.10E-09	-6.28	10.4978148	-9.33E-02	20512397	20512520	NC_000001.10
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cg13921204	2.02E-08	2.10E-09	-6.28	10.4963063	-3.56E-02	12171454	12171577	NC_000010.10
cg07138070	2.03E-08	2.10E-09	-6.28	10.4950613	-1.30E-01	41137309	41137432	NC_000007.13

cg19391697	2.03E-08	2.10E-09	-6.28	10.4947927	-1.09E-01	239008943	239009066	NC_000002.11
cg27646848	2.03E-08	2.10E-09	-6.28	10.4946958	-2.71E-02	62389601	62389724	NC_000011.9
cg16650717	2.03E-08	2.11E-09	-6.28	10.4938777	-2.31E-02	19970334	19970457	NC_000001.10
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cg00524169	2.03E-08	2.11E-09	-6.28	10.4928539	-2.65E-02	39138063	39138186	NC_000019.9
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cg14769589	2.04E-08	2.11E-09	-6.28	10.4899444	-9.35E-02	47957813	47957936	NC_000017.10
cg11614585	2.04E-08	2.12E-09	-6.28	10.4891489	-8.26E-02	897050	897173	NC_000020.10
cg25491905	2.04E-08	2.12E-09	-6.28	10.4883376	-1.07E-01	119288752	119288875	NC_000011.9
cg02392882	2.04E-08	2.12E-09	-6.28	10.4880475	-1.68E-01	29031879	29032002	NC_000015.9
cg07599659	2.04E-08	2.12E-09	-6.28	10.4876607	-9.01E-02	6660373	6660496	NC_000004.11
cg00374747	2.04E-08	2.12E-09	-6.28	10.4869464	-1.18E-01	2907930	2908053	NC_000011.9
cg22932427	2.04E-08	2.12E-09	-6.28	10.4864153	-1.12E-01	155615664	155615787	NC_000001.10
cg01273580	2.04E-08	2.12E-09	-6.28	10.4859505	-5.24E-02	49946108	49946231	NC_000019.9
cg03201166	2.04E-08	2.12E-09	-6.28	10.4858949	-1.41E-01	24170261	24170384	NC_000003.11
cg17619020	2.04E-08	2.12E-09	-6.28	10.4856759	-1.41E-01	3248098	3248221	NC_000006.11
cg02304945	2.05E-08	2.12E-09	-6.28	10.4853759	-2.39E-02	89992524	89992647	NC_000016.9
cg07052513	2.05E-08	2.13E-09	-6.28	10.4844327	-6.09E-02	86668451	86668574	NC_000002.11
cg09312564	2.05E-08	2.13E-09	-6.28	10.4842773	-2.35E-02	21093138	21093261	NC_000014.8
cg03237324	2.05E-08	2.13E-09	-6.28	10.484193	-6.13E-02	6420052	6420175	NC_000012.11
cg15901722	2.05E-08	2.13E-09	-6.28	10.4830381	-8.25E-02	175974973	175975096	NC_000005.9
cg25609393	2.05E-08	2.13E-09	-6.28	10.4827105	-1.87E-01	45569042	45569165	NC_000005.9
cg01090482	2.05E-08	2.13E-09	-6.28	10.4822781	-1.34E-01	139365336	139365459	NC_000005.9



cg10200820	2.05E-08	2.13E-09	-6.28	10.4819013	-3.10E-02	102090930	102091053	NC_000005.9
cg03935807	2.05E-08	2.13E-09	-6.28	10.4817194	-3.20E-02	39833601	39833724	NC_000019.9
cg12751693	2.05E-08	2.13E-09	-6.28	10.4815202	-1.09E-01	62629162	62629285	NC_000012.11
cg26620356	2.05E-08	2.13E-09	-6.28	10.4807024	-1.51E-01	175789238	175789361	NC_000005.9
cg24824703	2.05E-08	2.13E-09	-6.28	10.4806565	-7.01E-02	2801248	2801371	NC_000007.13
cg10842008	2.06E-08	2.14E-09	-6.28	10.4797034	-5.40E-02	24477838	24477961	NC_000001.10
cg00231966	2.06E-08	2.14E-09	-6.28	10.4795171	-1.38E-01	80377299	80377422	NC_000017.10
cg19956836	2.06E-08	2.14E-09	-6.28	10.4791699	-1.32E-01	57241448	57241571	NC_000011.9
cg04509221	2.06E-08	2.14E-09	-6.28	10.4787066	-1.37E-01	3155312	3155435	NC_000001.10
cg12432846	2.06E-08	2.14E-09	-6.28	10.4786323	-5.30E-02	85741899	85742022	NC_000001.10
cg21157234	2.06E-08	2.14E-09	-6.28	10.4786291	-3.91E-02	101984918	101985041	NC_000009.11
cg02813710	2.06E-08	2.14E-09	-6.28	10.4784115	-1.33E-01	105079663	105079786	NC_000007.13
cg26927232	2.06E-08	2.14E-09	-6.28	10.4773523	-1.62E-01	2135631	2135754	NC_000017.10
cg02377915	2.07E-08	2.15E-09	-6.28	10.4747704	-1.21E-01	22307573	22307696	NC_000022.10
cg25136124	2.07E-08	2.15E-09	-6.28	10.4742228	-1.15E-01	228336717	228336840	NC_000001.10
cg09926783	2.07E-08	2.15E-09	-6.28	10.4727386	-8.14E-02	49716645	49716768	NC_000015.9
cg06431681	2.07E-08	2.15E-09	-6.28	10.4724893	-1.56E-01	202330990	202331113	NC_000002.11
cg18438345	2.07E-08	2.15E-09	-6.28	10.4720264	-8.80E-02	41009313	41009436	NC_000006.11
cg18347630	2.07E-08	2.15E-09	-6.28	10.4715079	-8.36E-02	39765163	39765286	NC_000020.10
cg11638399	2.07E-08	2.15E-09	-6.28	10.4711329	-1.56E-01	29441416	29441539	NC_000008.10
cg01291336	2.07E-08	2.16E-09	-6.28	10.4709424	-1.36E-01	150949495	150949618	NC_000007.13
cg12709669	2.08E-08	2.16E-09	-6.28	10.4694567	-8.93E-02	12287173	12287296	NC_000018.9
cg02018802	2.08E-08	2.16E-09	-6.28	10.4691647	-5.85E-02	220362948	220363071	NC_000002.11
cg08565632	2.08E-08	2.16E-09	-6.28	10.4688309	-6.39E-02	89650991	89651114	NC_000016.9
cg11362604	2.08E-08	2.16E-09	-6.28	10.4685056	-1.45E-01	37389585	37389708	NC_000015.9

cg12765567	2.08E-08	2.16E-09	-6.28	10.4682725	-8.19E-02	33918728	33918851	NC_000006.11
cg24163563	2.08E-08	2.16E-09	-6.28	10.4678498	-4.02E-02	101458615	101458738	NC_000015.9
cg16707506	2.08E-08	2.16E-09	-6.28	10.4677448	-1.35E-01	45067057	45067180	NC_000007.13
cg25342397	2.08E-08	2.17E-09	-6.28	10.4661288	-4.78E-02	41222833	41222956	NC_000019.9
cg11366934	2.08E-08	2.17E-09	-6.28	10.4652605	-7.75E-02	97912641	97912764	NC_000007.13
cg14644523	2.08E-08	2.17E-09	-6.28	10.4651379	-6.63E-02	54426673	54426796	NC_000012.11
cg17006413	2.09E-08	2.17E-09	-6.28	10.4642987	-1.61E-01	942451	942574	NC_000001.10
cg03277049	2.09E-08	2.17E-09	-6.28	10.4637061	-8.55E-02	156534076	156534199	NC_000003.11
cg25759517	2.09E-08	2.17E-09	-6.28	10.4635219	-1.44E-02	79895006	79895129	NC_000017.10
cg15388570	2.09E-08	2.17E-09	-6.28	10.4635014	-4.45E-02	78328609	78328732	NC_000014.8
ch.10.2374052F	2.09E-08	2.17E-09	-6.28	10.4631411	-5.82E-02	113047439	113047562	NC_000010.10
cg10334703	2.09E-08	2.17E-09	-6.28	10.4630491	-1.59E-01	20213110	20213233	NC_000002.11
cg19578161	2.09E-08	2.17E-09	-6.28	10.4622839	-1.12E-01	68482919	68483042	NC_000014.8
cg14905577	2.09E-08	2.18E-09	-6.28	10.4618999	-1.12E-01	29558460	29558583	NC_000002.11
cg17115172	2.09E-08	2.18E-09	-6.28	10.4605229	-5.47E-02	32016172	32016295	NC_000006.11
cg21547624	2.09E-08	2.18E-09	-6.28	10.460515	-6.08E-02	1993157	1993280	NC_000008.10
cg14984257	2.09E-08	2.18E-09	-6.28	10.460375	-8.37E-02	8822600	8822723	NC_000002.11
cg19701828	2.10E-08	2.18E-09	-6.28	10.4596703	-9.88E-02	219235515	219235638	NC_000002.11
cg00062282	2.10E-08	2.18E-09	-6.28	10.4595945	-1.09E-01	50747369	50747492	NC_000022.10
cg22289115	2.10E-08	2.18E-09	-6.28	10.458737	-8.83E-02	625796	625919	NC_000011.9
cg27201301	2.10E-08	2.18E-09	-6.28	10.4582981	-5.62E-02	47039149	47039272	NC_000017.10
ch.11.1197632F	2.10E-08	2.18E-09	-6.28	10.4579776	-1.27E-02	61918451	61918574	NC_000011.9
cg15147479	2.10E-08	2.19E-09	-6.28	10.4571959	-4.53E-02	32164569	32164692	NC_000006.11
cg06221861	2.10E-08	2.19E-09	-6.28	10.4563198	-3.62E-02	100425075	100425198	NC_000007.13
cg04240950	2.11E-08	2.19E-09	-6.28	10.454569	-6.64E-02	27482609	27482732	NC_000016.9

ch.22.28920330F	2.11E-08	2.19E-09	-6.28	10.4541834	-4.50E-02	30590330	30590453	NC_000022.10
cg04346806	2.11E-08	2.19E-09	-6.28	10.4540359	-1.92E-02	100660545	100660668	NC_000007.13
cg23686908	2.11E-08	2.19E-09	-6.28	10.4538662	-6.42E-02	918196	918319	NC_000019.9
cg00830283	2.11E-08	2.20E-09	-6.28	10.4527551	-1.28E-01	145743676	145743799	NC_000001.10
cg10091265	2.11E-08	2.20E-09	-6.28	10.452632	-1.08E-01	223288331	223288454	NC_000002.11
cg07734975	2.11E-08	2.20E-09	-6.28	10.4523482	-1.78E-01	9780844	9780967	NC_000011.9
cg19856845	2.11E-08	2.20E-09	-6.28	10.4514712	-1.33E-01	93116513	93116636	NC_000014.8
cg00876141	2.11E-08	2.20E-09	-6.28	10.4507565	-1.33E-01	47837775	47837898	NC_000004.11
cg10100437	2.11E-08	2.20E-09	-6.28	10.4501056	-1.07E-01	223903862	223903985	NC_000001.10
cg12900931	2.11E-08	2.20E-09	-6.28	10.4500043	-5.81E-02	3400491	3400614	NC_000011.9
cg08651573	2.12E-08	2.20E-09	-6.28	10.4496582	-7.61E-02	31675073	31675196	NC_000013.10
cg05115182	2.12E-08	2.20E-09	-6.28	10.4495903	-3.11E-02	99496889	99497012	NC_000010.10
cg17200337	2.12E-08	2.20E-09	-6.28	10.449496	-2.97E-02	2936724	2936847	NC_000004.11
cg17383024	2.12E-08	2.20E-09	-6.28	10.4494126	-7.28E-02	87797556	87797679	NC_000004.11
cg04348305	2.12E-08	2.20E-09	-6.28	10.4490182	-1.71E-01	25230959	25231082	NC_000020.10
cg18597220	2.12E-08	2.21E-09	-6.28	10.4484892	-1.05E-01	80010617	80010740	NC_000014.8
cg03604417	2.12E-08	2.21E-09	-6.28	10.4483788	-3.40E-02	135116708	135116831	NC_000009.11
cg07293188	2.12E-08	2.21E-09	-6.27	10.4456321	-6.36E-02	38209834	38209957	NC_000003.11
cg02220008	2.12E-08	2.21E-09	-6.27	10.445438	-1.15E-01	13192742	13192865	NC_000006.11
cg15690542	2.13E-08	2.21E-09	-6.27	10.4448883	-1.10E-01	151172905	151173028	NC_000001.10
cg03854071	2.13E-08	2.21E-09	-6.27	10.4445835	-9.73E-02	19626428	19626551	NC_000019.9
cg02297063	2.13E-08	2.22E-09	-6.27	10.4435093	-2.39E-01	1132389	1132512	NC_000019.9
cg09372755	2.13E-08	2.22E-09	-6.27	10.4432747	-2.64E-02	43919584	43919707	NC_000001.10
cg11914650	2.13E-08	2.22E-09	-6.27	10.4416314	-1.42E-01	1477711	1477834	NC_000011.9
cg14929208	2.13E-08	2.22E-09	-6.27	10.4409637	-1.24E-01	156273297	156273420	NC_000003.11

cg05229802	2.13E-08	2.22E-09	-6.27	10.4401304	-1.15E-01	75282362	75282485	NC_000016.9
cg27222274	2.13E-08	2.22E-09	-6.27	10.4401285	-5.73E-02	6962378	6962501	NC_000010.10
cg03689904	2.14E-08	2.23E-09	-6.27	10.4395971	-8.62E-02	135530548	135530671	NC_000002.11
cg05935311	2.14E-08	2.23E-09	-6.27	10.4388555	-1.23E-01	102711702	102711825	NC_000004.11
cg23093090	2.14E-08	2.23E-09	-6.27	10.4361719	-1.60E-01	104574429	104574552	NC_000010.10
cg02967056	2.14E-08	2.23E-09	-6.27	10.4358267	-1.38E-01	111853315	111853438	NC_000003.11
cg05881135	2.14E-08	2.23E-09	-6.27	10.4355877	-1.09E-01	99644973	99645096	NC_000015.9
ch.4.2387433R	2.14E-08	2.23E-09	-6.27	10.4355501	-3.74E-02	129608123	129608246	NC_000004.11
cg00772091	2.15E-08	2.24E-09	-6.27	10.4335102	-7.47E-02	124914911	124915034	NC_000010.10
ch.7.3114411F	2.15E-08	2.24E-09	-6.27	10.4332931	-4.46E-02	148859697	148859820	NC_000007.13
cg08767838	2.15E-08	2.24E-09	-6.27	10.432805	-1.67E-01	62209642	62209765	NC_000020.10
cg06352803	2.15E-08	2.24E-09	-6.27	10.4324074	-1.31E-01	155277373	155277496	NC_000001.10
ch.3.13151741F	2.15E-08	2.24E-09	-6.27	10.4323865	-2.96E-02	13176741	13176864	NC_000003.11
cg02618550	2.15E-08	2.24E-09	-6.27	10.43191	-1.04E-01	726214	726337	NC_000016.9
cg06460983	2.15E-08	2.25E-09	-6.27	10.4308909	-7.14E-02	91092340	91092463	NC_000010.10
cg16526673	2.15E-08	2.25E-09	-6.27	10.4305623	-1.21E-01	115510718	115510841	NC_000010.10
cg20949223	2.16E-08	2.25E-09	-6.27	10.4301567	-1.25E-01	155161679	155161802	NC_000001.10
cg24664305	2.16E-08	2.25E-09	-6.27	10.4296334	-4.86E-02	39943028	39943151	NC_000017.10
cg01267709	2.16E-08	2.25E-09	-6.27	10.428113	-1.06E-01	23623756	23623879	NC_000014.8
cg03131092	2.16E-08	2.25E-09	-6.27	10.4275311	-6.89E-02	7682983	7683106	NC_000019.9
cg27579501	2.16E-08	2.25E-09	-6.27	10.4270309	-1.50E-01	41729657	41729780	NC_000019.9
cg16581017	2.16E-08	2.26E-09	-6.27	10.4263416	-9.74E-02	101256647	101256770	NC_000007.13
cg14115346	2.17E-08	2.26E-09	-6.27	10.4251482	-8.65E-02	3118207	3118330	NC_000006.11
cg01992590	2.17E-08	2.26E-09	-6.27	10.4243746	-8.93E-02	48277042	48277165	NC_000017.10
cg00466301	2.17E-08	2.27E-09	-6.27	10.4219986	-3.81E-02	56285388	56285511	NC_000020.10

cg18236982	2.17E-08	2.27E-09	-6.27	10.4219553	-7.07E-02	236065291	236065414	NC_000001.10
cg24544298	2.17E-08	2.27E-09	-6.27	10.4212078	-4.73E-02	30636602	30636725	NC_000006.11
cg18268220	2.17E-08	2.27E-09	-6.27	10.4210414	-5.83E-02	61492123	61492246	NC_000014.8
cg09205945	2.17E-08	2.27E-09	-6.27	10.4207371	-1.61E-01	137662133	137662256	NC_000007.13
cg00480331	2.17E-08	2.27E-09	-6.27	10.4206783	-1.88E-01	187455371	187455494	NC_000003.11
cg22862003	2.17E-08	2.27E-09	-6.27	10.4206165	-1.25E-01	42797588	42797711	NC_000021.8
ch.2.3682233F	2.18E-08	2.27E-09	-6.27	10.4195696	-5.25E-02	182626389	182626512	NC_000002.11
cg05991685	2.18E-08	2.27E-09	-6.27	10.4189216	-1.09E-01	2818793	2818916	NC_000016.9
cg26303613	2.18E-08	2.27E-09	-6.27	10.4185465	-9.87E-02	4224577	4224700	NC_000019.9
ch.7.87722890F	2.18E-08	2.27E-09	-6.27	10.4185097	-3.82E-02	87884954	87885077	NC_000007.13
cg21509040	2.18E-08	2.28E-09	-6.27	10.4179458	-4.18E-02	61814830	61814953	NC_000020.10
cg04895225	2.18E-08	2.28E-09	-6.27	10.4177407	-9.85E-02	85862822	85862945	NC_000011.9
cg14469684	2.18E-08	2.28E-09	-6.27	10.4175265	-8.35E-02	138997380	138997503	NC_000009.11
cg07307975	2.18E-08	2.28E-09	-6.27	10.4172835	-5.90E-02	46260618	46260741	NC_000011.9
cg10385390	2.19E-08	2.28E-09	-6.27	10.414997	-9.16E-02	8022505	8022628	NC_000001.10
cg23768894	2.19E-08	2.28E-09	-6.27	10.414873	-1.33E-01	157140029	157140152	NC_000007.13
cg02478828	2.19E-08	2.28E-09	-6.27	10.4146952	-1.45E-01	74153195	74153318	NC_000002.11
cg11833938	2.19E-08	2.28E-09	-6.27	10.414001	-1.28E-01	555251	555374	NC_000005.9
cg01013566	2.19E-08	2.29E-09	-6.27	10.4114753	-3.51E-02	7000250	7000373	NC_000012.11
cg15195097	2.19E-08	2.29E-09	-6.27	10.4114686	-1.08E-01	98868006	98868129	NC_000008.10
cg23051123	2.19E-08	2.29E-09	-6.27	10.4114232	-1.31E-01	226132841	226132964	NC_000001.10
cg13178361	2.19E-08	2.29E-09	-6.27	10.4110395	-1.20E-01	162532502	162532625	NC_000001.10
cg01743835	2.20E-08	2.29E-09	-6.27	10.4095546	-1.01E-01	112131509	112131632	NC_000011.9
cg20156353	2.20E-08	2.30E-09	-6.27	10.4090365	-1.34E-01	30947686	30947809	NC_000011.9
cg04123507	2.20E-08	2.30E-09	-6.27	10.4090223	-9.26E-02	52695270	52695393	NC_000012.11

cg15935965	2.20E-08	2.30E-09	-6.27	10.4084272	-1.02E-01	59550124	59550247	NC_000001.10
cg08188886	2.20E-08	2.30E-09	-6.27	10.4077849	-1.00E-01	105633697	105633820	NC_000014.8
cg11662638	2.20E-08	2.30E-09	-6.27	10.4077357	-5.30E-02	45878864	45878987	NC_000002.11
cg24192505	2.20E-08	2.30E-09	-6.27	10.4074626	-1.38E-01	163776782	163776905	NC_000006.11
cg13429675	2.20E-08	2.30E-09	-6.27	10.4073119	-4.69E-02	75628126	75628249	NC_000015.9
cg00085122	2.20E-08	2.30E-09	-6.27	10.4072692	-7.52E-02	11709018	11709141	NC_000001.10
cg10985914	2.20E-08	2.30E-09	-6.27	10.4065001	-7.15E-02	212769641	212769764	NC_000001.10
cg24707573	2.21E-08	2.30E-09	-6.27	10.4061612	-9.62E-02	101961796	101961919	NC_000007.13
cg21340821	2.21E-08	2.31E-09	-6.27	10.4045047	-1.15E-01	134855457	134855580	NC_000002.11
cg06984848	2.21E-08	2.31E-09	-6.27	10.4034298	-1.15E-01	85320722	85320845	NC_000016.9
cg21519202	2.21E-08	2.31E-09	-6.27	10.402522	-3.29E-02	44399534	44399657	NC_000001.10
cg10550506	2.21E-08	2.31E-09	-6.27	10.4023731	-1.23E-01	76548907	76549030	NC_000011.9
cg10790778	2.21E-08	2.31E-09	-6.27	10.4022911	-3.54E-02	48701553	48701676	NC_000003.11
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cg21138501	2.21E-08	2.31E-09	-6.27	10.4014961	-2.65E-02	137800068	137800191	NC_000005.9
cg05973028	2.22E-08	2.32E-09	-6.27	10.4009158	-7.69E-02	56805707	56805830	NC_000008.10
cg22347642	2.22E-08	2.32E-09	-6.27	10.4007971	-1.09E-01	41382951	41383074	NC_000008.10
cg02837128	2.22E-08	2.32E-09	-6.27	10.3998707	-1.13E-01	30241167	30241290	NC_000008.10
cg27026695	2.22E-08	2.32E-09	-6.27	10.3997231	-1.34E-01	65006016	65006139	NC_000014.8
cg16785213	2.22E-08	2.32E-09	-6.27	10.39925	-4.39E-02	75599104	75599227	NC_000016.9
cg00452252	2.22E-08	2.32E-09	-6.27	10.3985339	-1.21E-01	23227394	23227517	NC_000016.9
ch.16.13300564R	2.22E-08	2.32E-09	-6.27	10.3975855	-3.08E-02	13393063	13393186	NC_000016.9
cg23404476	2.22E-08	2.32E-09	-6.27	10.3971146	-1.07E-01	171190112	171190235	NC_000005.9
cg00796793	2.23E-08	2.33E-09	-6.27	10.3963504	-7.11E-02	180644590	180644713	NC_000005.9
cg02434314	2.23E-08	2.33E-09	-6.27	10.3962798	-1.33E-01	26577760	26577883	NC_000017.10

cg17031787	2.23E-08	2.33E-09	-6.26	10.3946232	-1.07E-01	32049235	32049358	NC_000006.11
cg15945016	2.23E-08	2.33E-09	-6.26	10.3945929	-4.65E-02	26020698	26020821	NC_000006.11
cg07059784	2.23E-08	2.33E-09	-6.26	10.3945272	-9.38E-02	233416233	233416356	NC_000002.11
ch.7.1699359R	2.23E-08	2.33E-09	-6.26	10.3943913	-3.15E-02	77227740	77227863	NC_000007.13
cg13133835	2.23E-08	2.33E-09	-6.26	10.394166	-1.33E-01	125239803	125239926	NC_000012.11
cg00699901	2.23E-08	2.33E-09	-6.26	10.3936548	-5.78E-02	2908157	2908280	NC_000016.9
cg07318073	2.23E-08	2.33E-09	-6.26	10.3930388	-3.66E-02	74904359	74904482	NC_000004.11
cg25147604	2.23E-08	2.34E-09	-6.26	10.3925632	-1.38E-01	7540971	7541094	NC_000006.11
cg14523238	2.23E-08	2.34E-09	-6.26	10.3919777	-1.26E-01	101192792	101192915	NC_000009.11
cg19998654	2.23E-08	2.34E-09	-6.26	10.3918824	-4.17E-02	37458983	37459106	NC_000002.11
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cg06967784	2.24E-08	2.34E-09	-6.26	10.3916183	-1.29E-02	129809827	129809950	NC_000010.10
cg06974143	2.24E-08	2.34E-09	-6.26	10.3904199	-7.69E-02	159907515	159907638	NC_000001.10
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cg18011760	2.24E-08	2.34E-09	-6.26	10.3886318	-1.44E-01	19320928	19321051	NC_000002.11
cg16517838	2.25E-08	2.35E-09	-6.26	10.3869344	-7.79E-02	106154914	106155037	NC_000014.8
ch.13.116017F	2.25E-08	2.35E-09	-6.26	10.3864842	-5.69E-02	23913631	23913754	NC_000013.10
cg03841541	2.25E-08	2.35E-09	-6.26	10.3863577	-1.11E-02	15188318	15188441	NC_000016.9
cg02423452	2.25E-08	2.35E-09	-6.26	10.3863426	-3.78E-02	19179456	19179579	NC_000016.9
cg08956226	2.25E-08	2.35E-09	-6.26	10.3861887	-9.55E-02	31913995	31914118	NC_000006.11
cg19422340	2.25E-08	2.35E-09	-6.26	10.3860807	-2.57E-02	179335022	179335145	NC_000001.10
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cg06430061	2.25E-08	2.35E-09	-6.26	10.3849038	-8.73E-02	75013592	75013715	NC_000005.9
cg05834805	2.25E-08	2.35E-09	-6.26	10.3843509	-6.13E-02	123631524	123631647	NC_000009.11

cg18531146	2.25E-08	2.36E-09	-6.26	10.3842189	-5.16E-02	12715649	12715772	NC_000011.9
cg02739013	2.25E-08	2.36E-09	-6.26	10.3841767	-5.20E-02	114681314	114681437	NC_000004.11
cg14744160	2.25E-08	2.36E-09	-6.26	10.383896	-3.19E-02	28129753	28129876	NC_000011.9
cg01568244	2.25E-08	2.36E-09	-6.26	10.3835738	-4.33E-02	67218584	67218707	NC_000016.9
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cg14010805	2.27E-08	2.37E-09	-6.26	10.3761148	-8.46E-02	103361518	103361641	NC_000009.11
cg02397073	2.27E-08	2.38E-09	-6.26	10.3750845	-2.51E-02	107349626	107349749	NC_000006.11
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cg25772221	2.27E-08	2.38E-09	-6.26	10.3745034	-1.24E-01	1079622	1079745	NC_000001.10
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cg27019019	2.28E-08	2.39E-09	-6.26	10.3687242	-1.08E-01	34891725	34891848	NC_000017.10
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cg06597413	2.29E-08	2.40E-09	-6.26	10.3666226	-1.25E-01	69251883	69252006	NC_000011.9
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cg27058077	2.30E-08	2.41E-09	-6.26	10.3620196	-1.05E-01	200337470	200337593	NC_000001.10
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cg17271585	2.30E-08	2.41E-09	-6.26	10.361049	-9.16E-02	36153947	36154070	NC_000020.10
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cg19197523	2.30E-08	2.42E-09	-6.26	10.3595002	-4.05E-02	124428674	124428797	NC_000008.10
cg24524451	2.31E-08	2.42E-09	-6.26	10.3589579	-5.26E-02	140372725	140372848	NC_000007.13
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cg09492074	2.31E-08	2.42E-09	-6.26	10.358607	-1.41E-01	66263624	66263747	NC_000015.9
cg27596649	2.31E-08	2.42E-09	-6.26	10.3567707	-9.56E-02	17172345	17172468	NC_000008.10
cg06835744	2.31E-08	2.42E-09	-6.26	10.3557827	-2.89E-02	32180666	32180789	NC_000001.10
cg15900444	2.31E-08	2.43E-09	-6.26	10.3555368	-4.99E-02	139154848	139154971	NC_000005.9
cg14030359	2.32E-08	2.43E-09	-6.26	10.3542346	-5.01E-02	21493406	21493529	NC_000014.8

cg22081096	2.32E-08	2.43E-09	-6.26	10.354024	-1.27E-01	67137953	67138076	NC_000017.10
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cg16858898	2.32E-08	2.43E-09	-6.26	10.3529016	-2.99E-02	15479872	15479995	NC_000001.10
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cg03216884	2.32E-08	2.44E-09	-6.26	10.3514008	-1.38E-01	56514787	56514910	NC_000006.11
cg01055129	2.32E-08	2.44E-09	-6.26	10.3508258	-9.64E-02	11996358	11996481	NC_000008.10
cg02870950	2.32E-08	2.44E-09	-6.26	10.3501053	-5.97E-02	46168231	46168354	NC_000010.10
cg23052776	2.33E-08	2.44E-09	-6.26	10.349709	-1.78E-01	71609158	71609281	NC_000014.8
cg05732876	2.33E-08	2.44E-09	-6.26	10.3488674	-5.65E-02	22337374	22337497	NC_000022.10
cg03731473	2.33E-08	2.44E-09	-6.26	10.3487575	-1.08E-01	130901674	130901797	NC_000002.11
cg25439632	2.33E-08	2.44E-09	-6.26	10.3479843	-1.48E-01	49892209	49892332	NC_000008.10
cg23174148	2.33E-08	2.45E-09	-6.26	10.3471485	-1.21E-01	141174337	141174460	NC_000003.11
cg23332732	2.33E-08	2.45E-09	-6.26	10.3459951	-4.28E-02	26986274	26986397	NC_000012.11
cg24825974	2.33E-08	2.45E-09	-6.26	10.3458135	-1.14E-01	140369854	140369977	NC_000007.13
cg26989646	2.34E-08	2.45E-09	-6.26	10.345366	-1.01E-01	28630576	28630699	NC_000002.11
cg19831403	2.34E-08	2.45E-09	-6.26	10.3448939	-1.06E-01	88453678	88453801	NC_000010.10
cg12339133	2.34E-08	2.46E-09	-6.26	10.3426656	-8.66E-02	1031174	1031297	NC_000007.13
cg00138641	2.34E-08	2.46E-09	-6.25	10.3423854	-9.07E-02	14397074	14397197	NC_000016.9
cg13383971	2.34E-08	2.46E-09	-6.25	10.3422659	-4.44E-02	6912197	6912320	NC_000017.10
cg12620342	2.34E-08	2.46E-09	-6.25	10.341618	-4.32E-02	56522011	56522134	NC_000012.11
cg27108984	2.34E-08	2.46E-09	-6.25	10.3415631	-7.02E-02	71194075	71194198	NC_000014.8
cg01388757	2.35E-08	2.47E-09	-6.25	10.3393168	-1.08E-01	102091195	102091318	NC_000002.11
cg04771248	2.35E-08	2.47E-09	-6.25	10.338519	-3.66E-02	157072050	157072173	NC_000007.13
ch.10.2006653F	2.35E-08	2.47E-09	-6.25	10.3368665	-4.42E-02	96321017	96321140	NC_000010.10
cg24853765	2.36E-08	2.48E-09	-6.25	10.3351129	-4.49E-02	109584962	109585085	NC_000001.10

cg24351003	2.36E-08	2.48E-09	-6.25	10.3349551	-1.44E-01	88013210	88013333	NC_000010.10
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cg23857976	2.36E-08	2.48E-09	-6.25	10.3342511	-6.64E-02	56065481	56065604	NC_000017.10
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cg24000829	2.36E-08	2.48E-09	-6.25	10.3333996	-4.13E-02	38827749	38827872	NC_000019.9
cg02379052	2.36E-08	2.48E-09	-6.25	10.3329723	-1.43E-02	105486781	105486904	NC_000014.8
cg00239660	2.37E-08	2.49E-09	-6.25	10.3307467	-9.44E-02	130182620	130182743	NC_000006.11
cg12869058	2.37E-08	2.49E-09	-6.25	10.33059	-1.18E-01	94587872	94587995	NC_000001.10
cg16010827	2.37E-08	2.49E-09	-6.25	10.3304798	-2.06E-02	200708413	200708536	NC_000001.10
cg22445712	2.37E-08	2.49E-09	-6.25	10.3298671	-1.31E-01	50738550	50738673	NC_000022.10
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cg04721828	2.38E-08	2.50E-09	-6.25	10.3276308	-8.22E-02	48285200	48285323	NC_000011.9
cg19509663	2.38E-08	2.50E-09	-6.25	10.3275258	-1.01E-01	7863560	7863683	NC_000004.11
cg14589466	2.38E-08	2.50E-09	-6.25	10.3264433	-2.39E-02	9548894	9549017	NC_000017.10
cg16424683	2.38E-08	2.50E-09	-6.25	10.3257933	-5.95E-02	177541051	177541174	NC_000005.9
cg11596902	2.38E-08	2.50E-09	-6.25	10.3247763	-1.20E-01	123324834	123324957	NC_000011.9
cg03905718	2.38E-08	2.51E-09	-6.25	10.3237263	-1.04E-01	4289417	4289540	NC_000016.9
cg00135888	2.38E-08	2.51E-09	-6.25	10.3235736	-1.20E-01	57407543	57407666	NC_000011.9
cg19550533	2.39E-08	2.51E-09	-6.25	10.3228015	-4.98E-02	1901437	1901560	NC_000017.10
cg20868898	2.39E-08	2.51E-09	-6.25	10.3214272	-3.94E-02	38678545	38678668	NC_000014.8
cg20033082	2.39E-08	2.51E-09	-6.25	10.3204259	-2.34E-02	18111902	18112025	NC_000022.10

cg26169632	2.39E-08	2.51E-09	-6.25	10.3202524	-1.08E-01	134768258	134768381	NC_000002.11
ch.17.35528401F	2.40E-08	2.52E-09	-6.25	10.3173436	-1.89E-02	38274875	38274998	NC_000017.10
cg26076236	2.40E-08	2.52E-09	-6.25	10.317314	-8.43E-02	56650375	56650498	NC_000006.11
cg01425967	2.40E-08	2.52E-09	-6.25	10.3169079	-9.21E-02	161228203	161228326	NC_000001.10
cg08161323	2.40E-08	2.53E-09	-6.25	10.3159487	-5.02E-02	74734762	74734885	NC_000004.11
cg13834567	2.40E-08	2.53E-09	-6.25	10.3151953	-6.44E-02	42817981	42818104	NC_000019.9
cg16124981	2.41E-08	2.53E-09	-6.25	10.3130446	-9.52E-02	9896993	9897116	NC_000019.9
cg16384170	2.41E-08	2.53E-09	-6.25	10.312815	-3.15E-02	5085745	5085868	NC_000007.13
cg14601550	2.41E-08	2.53E-09	-6.25	10.3122621	-2.33E-02	40346443	40346566	NC_000017.10
cg08436738	2.41E-08	2.53E-09	-6.25	10.3122581	-1.84E-01	235528865	235528988	NC_000002.11
cg09692396	2.41E-08	2.54E-09	-6.25	10.3114435	-8.55E-02	7023346	7023469	NC_000012.11
cg14395885	2.42E-08	2.55E-09	-6.25	10.306647	-1.57E-01	130700923	130701046	NC_000009.11
cg04619882	2.43E-08	2.55E-09	-6.25	10.3057103	-1.09E-01	109741037	109741160	NC_000001.10
cg26177311	2.43E-08	2.55E-09	-6.25	10.3055145	-8.04E-02	17449166	17449289	NC_000017.10
cg04134096	2.43E-08	2.55E-09	-6.25	10.3054123	-1.38E-01	151643511	151643634	NC_000003.11
cg10358194	2.43E-08	2.55E-09	-6.25	10.3052386	-2.43E-02	510688	510811	NC_000012.11
cg10768318	2.43E-08	2.55E-09	-6.25	10.3051243	-4.44E-02	25604462	25604585	NC_000020.10
cg13131501	2.43E-08	2.55E-09	-6.25	10.3047831	-6.82E-02	145508262	145508385	NC_000001.10
cg04164744	2.43E-08	2.56E-09	-6.25	10.3042466	-1.04E-01	170100656	170100779	NC_000006.11
cg26859690	2.43E-08	2.56E-09	-6.25	10.3036531	-3.03E-02	3869672	3869795	NC_000020.10
cg18731055	2.43E-08	2.56E-09	-6.25	10.3028822	-1.26E-01	49108131	49108254	NC_000013.10
cg18325841	2.43E-08	2.56E-09	-6.25	10.3018728	-9.90E-02	25006183	25006306	NC_000010.10
cg07458516	2.44E-08	2.56E-09	-6.25	10.3011309	-5.90E-02	43854839	43854962	NC_000001.10
cg07092135	2.44E-08	2.56E-09	-6.25	10.3008271	-1.46E-01	124753863	124753986	NC_000004.11
cg23048656	2.44E-08	2.57E-09	-6.25	10.3000867	-1.10E-01	91227147	91227270	NC_000014.8

cg18765405	2.44E-08	2.57E-09	-6.25	10.2997284	-7.68E-02	134644263	134644386	NC_000005.9
cg20337103	2.44E-08	2.57E-09	-6.25	10.2997215	-9.18E-02	118781778	118781901	NC_000011.9
cg20454887	2.44E-08	2.57E-09	-6.25	10.2997069	-8.31E-02	54935920	54936043	NC_000002.11
cg04158046	2.44E-08	2.57E-09	-6.25	10.2988511	-4.88E-02	63833953	63834076	NC_000001.10
cg11435466	2.44E-08	2.57E-09	-6.25	10.298002	-6.45E-02	60738032	60738155	NC_000011.9
cg24720717	2.45E-08	2.57E-09	-6.25	10.2972507	-5.24E-02	90309410	90309533	NC_000001.10
cg20095237	2.45E-08	2.58E-09	-6.25	10.2965658	-9.70E-02	615919	616042	NC_000007.13
ch.2.2729437F	2.45E-08	2.58E-09	-6.25	10.2961303	-2.16E-02	130523152	130523275	NC_000002.11
cg21272843	2.45E-08	2.58E-09	-6.25	10.2957522	-1.57E-01	85914525	85914648	NC_000002.11
cg20457147	2.45E-08	2.58E-09	-6.25	10.2955989	-8.25E-02	61787823	61787946	NC_000014.8
cg02843755	2.45E-08	2.58E-09	-6.25	10.2955906	-1.95E-02	37902570	37902693	NC_000003.11
cg26982695	2.45E-08	2.58E-09	-6.25	10.295573	-6.50E-02	34591618	34591741	NC_000009.11
cg25316305	2.45E-08	2.58E-09	-6.25	10.2951906	-1.43E-01	4361135	4361258	NC_000012.11
cg10343327	2.45E-08	2.58E-09	-6.25	10.293705	-1.26E-01	99331808	99331931	NC_000010.10
cg11255208	2.46E-08	2.59E-09	-6.25	10.2930739	-7.47E-02	42275334	42275457	NC_000017.10
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cg12718502	2.46E-08	2.59E-09	-6.25	10.2921161	-5.36E-02	2999424	2999547	NC_000012.11
cg01214847	2.46E-08	2.59E-09	-6.25	10.2920034	-1.37E-01	43816086	43816209	NC_000021.8
cg04508951	2.46E-08	2.59E-09	-6.25	10.2919395	-1.09E-01	193456140	193456263	NC_000001.10
cg18631798	2.46E-08	2.59E-09	-6.24	10.2900949	-1.22E-01	8396163	8396286	NC_000004.11
cg19170991	2.46E-08	2.59E-09	-6.24	10.2896103	-8.77E-02	71088038	71088161	NC_000010.10
cg08042055	2.47E-08	2.60E-09	-6.24	10.2880074	-7.44E-02	811031	811154	NC_000016.9
cg07813254	2.47E-08	2.60E-09	-6.24	10.2875325	-1.08E-01	20877673	20877796	NC_000001.10
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cg03281572	2.47E-08	2.61E-09	-6.24	10.2854806	-1.25E-01	114502318	114502441	NC_000010.10
cg00248242	2.47E-08	2.61E-09	-6.24	10.2850954	-1.42E-01	240867059	240867182	NC_000002.11
cg01065828	2.48E-08	2.61E-09	-6.24	10.2845515	-5.93E-02	86089846	86089969	NC_000008.10
cg15158859	2.48E-08	2.61E-09	-6.24	10.2844815	-8.26E-02	133978304	133978427	NC_000010.10
cg17168172	2.48E-08	2.61E-09	-6.24	10.2841336	-4.22E-02	42018038	42018161	NC_000022.10
cg15601071	2.48E-08	2.61E-09	-6.24	10.2839753	-1.19E-01	30078080	30078203	NC_000006.11
cg10065736	2.48E-08	2.61E-09	-6.24	10.2839414	-8.55E-02	117440120	117440243	NC_000012.11
cg14153876	2.48E-08	2.61E-09	-6.24	10.2834947	-3.22E-02	157292773	157292896	NC_000002.11
cg07037509	2.48E-08	2.61E-09	-6.24	10.2834826	-1.14E-01	112285979	112286102	NC_000001.10
cg13665184	2.48E-08	2.61E-09	-6.24	10.283245	-4.50E-02	68057062	68057185	NC_000016.9
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cg27000831	2.49E-08	2.62E-09	-6.24	10.2796679	-1.28E-01	32645748	32645871	NC_000017.10
cg18340445	2.49E-08	2.63E-09	-6.24	10.277137	-1.00E-01	6661709	6661832	NC_000019.9
cg10130088	2.50E-08	2.63E-09	-6.24	10.2763241	-1.16E-01	122138618	122138741	NC_000011.9
cg08154187	2.50E-08	2.63E-09	-6.24	10.2760387	-4.11E-02	113404016	113404139	NC_000013.10
cg07350163	2.50E-08	2.63E-09	-6.24	10.2759038	-1.62E-02	62833479	62833602	NC_000017.10
cg06960514	2.50E-08	2.64E-09	-6.24	10.274138	-5.65E-02	71519778	71519901	NC_000008.10
cg07460665	2.50E-08	2.64E-09	-6.24	10.273166	-3.47E-02	46908912	46909035	NC_000017.10
cg08069043	2.50E-08	2.64E-09	-6.24	10.2730056	-2.12E-02	175816344	175816467	NC_000005.9
cg00987699	2.51E-08	2.65E-09	-6.24	10.2700347	-6.94E-02	5229947	5230070	NC_000007.13
cg05060440	2.51E-08	2.65E-09	-6.24	10.2698988	-1.26E-01	184395412	184395535	NC_000002.11
cg18428006	2.51E-08	2.65E-09	-6.24	10.2696893	-1.20E-01	177633449	177633572	NC_000005.9
cg16118592	2.51E-08	2.65E-09	-6.24	10.2694439	-9.63E-02	1148569	1148692	NC_000004.11
cg09248007	2.51E-08	2.65E-09	-6.24	10.2682951	-3.15E-02	14164860	14164983	NC_000016.9

cg14565781	2.52E-08	2.65E-09	-6.24	10.2671305	-1.34E-01	45274513	45274636	NC_000001.10
cg00792184	2.52E-08	2.66E-09	-6.24	10.2668706	-1.12E-01	73355148	73355271	NC_000014.8
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cg05643964	2.52E-08	2.66E-09	-6.24	10.2661181	-6.20E-02	62369504	62369627	NC_000020.10
cg21885638	2.52E-08	2.66E-09	-6.24	10.2658319	-8.45E-02	129306552	129306675	NC_000003.11
cg09996298	2.52E-08	2.66E-09	-6.24	10.2653789	-1.18E-01	241386947	241387070	NC_000002.11
cg24316255	2.53E-08	2.67E-09	-6.24	10.2632506	-4.43E-02	45753677	45753800	NC_000021.8
cg02816367	2.53E-08	2.67E-09	-6.24	10.2627087	-1.50E-01	112081490	112081613	NC_000006.11
cg07350718	2.53E-08	2.67E-09	-6.24	10.2616143	-2.17E-02	86045841	86045964	NC_000001.10
cg11664544	2.54E-08	2.68E-09	-6.24	10.2588855	-1.05E-01	30721636	30721759	NC_000022.10
cg06363417	2.54E-08	2.68E-09	-6.24	10.2585426	-1.81E-01	48351958	48352081	NC_000016.9
cg15813095	2.54E-08	2.68E-09	-6.24	10.2579777	-4.70E-02	47491068	47491191	NC_000011.9
cg21002542	2.54E-08	2.68E-09	-6.24	10.2579214	-1.08E-01	168785632	168785755	NC_000006.11
cg26069973	2.54E-08	2.68E-09	-6.24	10.2574039	-1.17E-01	80080213	80080336	NC_000007.13
ch.19.17835377R	2.54E-08	2.68E-09	-6.24	10.2568986	-1.25E-02	17974377	17974500	NC_000019.9
cg15974062	2.54E-08	2.68E-09	-6.24	10.2567327	-2.58E-02	6833012	6833135	NC_000012.11
cg01460557	2.54E-08	2.69E-09	-6.24	10.2559506	-5.64E-02	133561498	133561621	NC_000005.9
cg06589507	2.55E-08	2.69E-09	-6.24	10.2545987	-2.99E-02	179234594	179234717	NC_000005.9
cg15393925	2.55E-08	2.69E-09	-6.24	10.2525149	-8.39E-02	30081299	30081422	NC_000007.13
cg25916044	2.55E-08	2.69E-09	-6.24	10.2524132	-9.69E-02	39648696	39648819	NC_000007.13
cg00404177	2.55E-08	2.69E-09	-6.24	10.2523935	-3.08E-02	51425685	51425808	NC_000001.10
cg15609321	2.55E-08	2.69E-09	-6.24	10.2523798	-5.82E-02	27805893	27806016	NC_000002.11
cg20312132	2.55E-08	2.70E-09	-6.24	10.2519141	-1.17E-01	16495441	16495564	NC_000001.10
cg02458384	2.55E-08	2.70E-09	-6.24	10.2516825	-3.88E-02	2021763	2021886	NC_000016.9
cg22384904	2.56E-08	2.70E-09	-6.24	10.2513387	-5.48E-02	227975220	227975343	NC_000001.10

cg03511957	2.56E-08	2.70E-09	-6.24	10.2510262	-1.05E-01	167765211	167765334	NC_000001.10
cg18309129	2.56E-08	2.70E-09	-6.24	10.2509769	-3.54E-02	47852304	47852427	NC_000019.9
cg10204999	2.56E-08	2.70E-09	-6.24	10.2507845	-6.11E-02	103057895	103058018	NC_000014.8
cg01109464	2.56E-08	2.70E-09	-6.24	10.2499768	-6.46E-02	60292819	60292942	NC_000015.9
cg07373798	2.56E-08	2.70E-09	-6.24	10.2492968	-1.10E-01	131032074	131032197	NC_000004.11
cg12175753	2.56E-08	2.70E-09	-6.24	10.2492083	-2.40E-02	40030677	40030800	NC_000019.9
cg05024961	2.56E-08	2.71E-09	-6.24	10.2480244	-1.27E-01	88498528	88498651	NC_000016.9
cg11751808	2.57E-08	2.71E-09	-6.24	10.246405	-1.05E-01	75079753	75079876	NC_000006.11
ch.14.92683308R	2.57E-08	2.72E-09	-6.24	10.2445285	-2.22E-02	93613555	93613678	NC_000014.8
cg24733450	2.57E-08	2.72E-09	-6.24	10.2440514	-4.77E-02	150246821	150246944	NC_000006.11
cg07724643	2.58E-08	2.72E-09	-6.24	10.2435416	-6.58E-02	157163711	157163834	NC_000001.10
cg24915511	2.58E-08	2.72E-09	-6.24	10.2422826	-4.73E-02	181057458	181057581	NC_000001.10
cg22973468	2.58E-08	2.72E-09	-6.24	10.2422213	-1.13E-01	54569817	54569940	NC_000008.10
cg11276280	2.58E-08	2.72E-09	-6.24	10.242181	-2.04E-02	42713551	42713674	NC_000006.11
cg09146459	2.58E-08	2.72E-09	-6.24	10.2421378	-1.10E-01	32921200	32921323	NC_000006.11
cg13690407	2.58E-08	2.73E-09	-6.24	10.2412055	-1.42E-01	33473178	33473301	NC_000001.10
cg17069828	2.58E-08	2.73E-09	-6.24	10.2411139	-7.86E-02	119476471	119476594	NC_000008.10
cg19900821	2.58E-08	2.73E-09	-6.24	10.2408009	-7.18E-02	162359133	162359256	NC_000001.10
cg21262502	2.58E-08	2.73E-09	-6.24	10.2407322	-2.74E-02	46432208	46432331	NC_000022.10
cg18128437	2.59E-08	2.73E-09	-6.24	10.2388346	-4.94E-02	167453397	167453520	NC_000003.11
cg08822737	2.59E-08	2.73E-09	-6.24	10.2387073	-5.79E-02	71088851	71088974	NC_000017.10
cg21130113	2.59E-08	2.73E-09	-6.24	10.2385038	-1.91E-01	193973396	193973519	NC_000003.11
cg12040370	2.59E-08	2.74E-09	-6.23	10.2376357	-2.95E-02	93107744	93107867	NC_000008.10
cg24664957	2.59E-08	2.74E-09	-6.23	10.2376353	-9.98E-02	123381003	123381126	NC_000012.11
cg12247247	2.59E-08	2.74E-09	-6.23	10.2362822	-4.35E-02	37009861	37009984	NC_000017.10



cg02220837	2.59E-08	2.74E-09	-6.23	10.235848	-1.45E-01	5024773	5024896	NC_000003.11
cg07285481	2.59E-08	2.74E-09	-6.23	10.2357674	-1.03E-01	81667167	81667290	NC_000016.9
cg05302489	2.59E-08	2.74E-09	-6.23	10.2356238	-1.35E-01	31760426	31760549	NC_000006.11
cg21193888	2.60E-08	2.74E-09	-6.23	10.2350797	-1.37E-01	97671404	97671527	NC_000009.11
cg27419217	2.60E-08	2.74E-09	-6.23	10.2347751	-2.08E-02	49717280	49717403	NC_000012.11
cg10034642	2.60E-08	2.75E-09	-6.23	10.2337389	-2.31E-02	791241	791364	NC_000016.9
cg18885365	2.60E-08	2.75E-09	-6.23	10.2333311	-4.56E-02	40420800	40420923	NC_000001.10
cg25748136	2.60E-08	2.75E-09	-6.23	10.2329648	-1.27E-01	63555464	63555587	NC_000017.10
cg01859191	2.60E-08	2.75E-09	-6.23	10.2320825	-7.05E-02	2250274	2250397	NC_000007.13
cg04031134	2.61E-08	2.75E-09	-6.23	10.2313187	-5.62E-02	98630788	98630911	NC_000007.13
cg03085549	2.61E-08	2.76E-09	-6.23	10.2303601	-1.30E-01	75150819	75150942	NC_000016.9
ch.5.56229788F	2.61E-08	2.76E-09	-6.23	10.230255	-2.15E-02	56194031	56194154	NC_000005.9
cg19915361	2.61E-08	2.76E-09	-6.23	10.2302532	-7.76E-02	66171222	66171345	NC_000014.8
cg08309013	2.61E-08	2.76E-09	-6.23	10.2302156	-1.52E-01	63921966	63922089	NC_000008.10
cg03340408	2.61E-08	2.76E-09	-6.23	10.2294999	-1.17E-01	201656308	201656431	NC_000001.10
cg08674093	2.61E-08	2.76E-09	-6.23	10.2293297	-4.33E-02	182697846	182697969	NC_000003.11
cg14647877	2.61E-08	2.76E-09	-6.23	10.2292029	-8.14E-02	31698698	31698821	NC_000006.11
cg05301818	2.61E-08	2.76E-09	-6.23	10.227601	-4.45E-02	125385252	125385375	NC_000008.10
cg19702703	2.62E-08	2.77E-09	-6.23	10.2266698	-1.11E-01	7942020	7942143	NC_000004.11
cg11617975	2.62E-08	2.77E-09	-6.23	10.2263711	-1.58E-02	80916774	80916897	NC_000013.10
cg13633756	2.62E-08	2.77E-09	-6.23	10.226169	-1.34E-01	48828393	48828516	NC_000019.9
cg18965980	2.62E-08	2.77E-09	-6.23	10.2253808	-6.76E-02	78699048	78699171	NC_000017.10
cg03796381	2.62E-08	2.77E-09	-6.23	10.2252881	-1.44E-01	36650033	36650156	NC_000015.9
cg17085688	2.62E-08	2.77E-09	-6.23	10.2249895	-1.08E-01	93540134	93540257	NC_000007.13
cg15114431	2.62E-08	2.77E-09	-6.23	10.2249859	-1.26E-01	102775941	102776064	NC_000003.11

cg06118338	2.62E-08	2.77E-09	-6.23	10.2246954	-1.42E-01	18544818	18544941	NC_000011.9
cg03449631	2.62E-08	2.77E-09	-6.23	10.2243711	-3.47E-02	1714019	1714142	NC_000004.11
cg13248574	2.62E-08	2.77E-09	-6.23	10.2239006	-1.44E-01	77504561	77504684	NC_000014.8
cg14340131	2.62E-08	2.78E-09	-6.23	10.2237107	-9.23E-02	533457	533580	NC_000011.9
cg06927305	2.63E-08	2.78E-09	-6.23	10.2219175	-6.68E-02	1617447	1617570	NC_000017.10
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cg12785993	2.63E-08	2.78E-09	-6.23	10.2202464	-1.35E-01	30401636	30401759	NC_000002.11
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cg12110333	2.63E-08	2.79E-09	-6.23	10.2193156	-7.05E-02	1635186	1635309	NC_000005.9
cg07635017	2.63E-08	2.79E-09	-6.23	10.2192775	-8.95E-02	1341808	1341931	NC_000016.9
cg19861110	2.64E-08	2.80E-09	-6.23	10.2158019	-3.47E-02	100967307	100967430	NC_000012.11
cg11956930	2.65E-08	2.80E-09	-6.23	10.2141871	-3.36E-02	99182490	99182613	NC_000008.10
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cg05593726	2.65E-08	2.81E-09	-6.23	10.2127046	-5.40E-02	9282670	9282793	NC_000018.9
cg26586164	2.65E-08	2.81E-09	-6.23	10.2123597	-2.78E-02	25895850	25895973	NC_000002.11
cg07740306	2.66E-08	2.81E-09	-6.23	10.2109153	-1.71E-01	77246369	77246492	NC_000018.9
cg09715545	2.66E-08	2.81E-09	-6.23	10.2105026	-1.22E-01	85196350	85196473	NC_000016.9
cg05254511	2.66E-08	2.81E-09	-6.23	10.2102928	-3.76E-02	39077689	39077812	NC_000022.10
cg03199366	2.66E-08	2.81E-09	-6.23	10.2101814	-1.27E-01	187740664	187740787	NC_000004.11
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cg27447286	2.66E-08	2.81E-09	-6.23	10.2098397	-1.79E-02	95705527	95705650	NC_000007.13
cg18391127	2.66E-08	2.82E-09	-6.23	10.2095472	-1.32E-01	89462418	89462541	NC_000015.9
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cg14533390	2.67E-08	2.82E-09	-6.23	10.2070842	-1.38E-01	65342843	65342966	NC_000003.11

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cg21227325	2.67E-08	2.83E-09	-6.23	10.2061458	-1.02E-01	78776599	78776722	NC_000009.11
cg11363168	2.67E-08	2.83E-09	-6.23	10.2057032	-9.39E-02	38470662	38470785	NC_000008.10
cg18129296	2.67E-08	2.83E-09	-6.23	10.2055629	-1.44E-01	74003742	74003865	NC_000003.11
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cg23252387	2.68E-08	2.84E-09	-6.23	10.2023969	-3.14E-02	160822661	160822784	NC_000003.11
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cg16004390	2.68E-08	2.84E-09	-6.23	10.201801	-1.17E-01	47918542	47918665	NC_000021.8
cg07793889	2.68E-08	2.84E-09	-6.23	10.2012983	-2.56E-02	48357314	48357437	NC_000012.11
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cg24082121	2.70E-08	2.87E-09	-6.23	10.1914799	-1.12E-01	672872	672995	NC_000005.9
cg13198342	2.71E-08	2.87E-09	-6.23	10.1911323	-1.22E-01	10687583	10687706	NC_000002.11
cg12782654	2.71E-08	2.88E-09	-6.23	10.1890672	-1.24E-01	66085299	66085422	NC_000011.9

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cg20329047	2.72E-08	2.88E-09	-6.23	10.1869078	-9.38E-02	145514383	145514506	NC_000008.10
cg17253981	2.72E-08	2.88E-09	-6.23	10.186358	-1.08E-01	114366508	114366631	NC_000004.11
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cg24578853	2.75E-08	2.92E-09	-6.22	10.1733142	-4.03E-02	30710755	30710878	NC_000006.11
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cg25172145	2.78E-08	2.96E-09	-6.22	10.1616742	-3.81E-02	22296625	22296748	NC_000022.10
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cg23006519	2.79E-08	2.97E-09	-6.22	10.1573251	-9.80E-02	121223740	121223863	NC_000002.11
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cg07537417	2.80E-08	2.98E-09	-6.22	10.1547651	-1.94E-01	74332553	74332676	NC_000018.9
cg11867016	2.80E-08	2.98E-09	-6.22	10.1542982	-9.21E-02	129522733	129522856	NC_000004.11
cg11959387	2.80E-08	2.98E-09	-6.22	10.1537081	-1.38E-01	6721027	6721150	NC_000019.9

cg20924136	2.81E-08	2.99E-09	-6.22	10.1520449	-8.90E-02	230808359	230808482	NC_000002.11
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cg10490227	2.82E-08	3.00E-09	-6.22	10.1487461	-4.48E-02	40348903	40349026	NC_000001.10
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cg13496041	2.84E-08	3.02E-09	-6.22	10.1398769	-1.04E-01	14494726	14494849	NC_000003.11
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cg09260951	2.84E-08	3.03E-09	-6.22	10.1391275	-3.19E-02	39096513	39096636	NC_000022.10

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cg05472059	2.85E-08	3.04E-09	-6.22	10.1361164	-1.41E-01	1054787	1054910	NC_000002.11
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cg01257194	2.88E-08	3.06E-09	-6.21	10.1271613	-1.20E-01	116161247	116161370	NC_000009.11
cg05534175	2.88E-08	3.07E-09	-6.21	10.1264108	-3.70E-02	32869897	32870020	NC_000018.9
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cg20536364	2.88E-08	3.07E-09	-6.21	10.1243903	-8.52E-02	55790102	55790225	NC_000005.9
cg24009881	2.89E-08	3.08E-09	-6.21	10.1224273	-1.15E-01	29719552	29719675	NC_000008.10
cg14407179	2.89E-08	3.08E-09	-6.21	10.1221073	-1.61E-01	963768	963891	NC_000007.13
cg15357934	2.89E-08	3.08E-09	-6.21	10.1216591	-7.77E-02	58138320	58138443	NC_000012.11
cg04342594	2.89E-08	3.08E-09	-6.21	10.1213408	-1.54E-01	138662870	138662993	NC_000003.11
cg15260365	2.89E-08	3.08E-09	-6.21	10.1209921	-3.72E-02	67771606	67771729	NC_000011.9
cg03859929	2.90E-08	3.09E-09	-6.21	10.1201477	-8.45E-02	67291247	67291370	NC_000011.9
cg13031167	2.90E-08	3.09E-09	-6.21	10.1199785	-1.19E-01	33041406	33041529	NC_000006.11
cg07957069	2.90E-08	3.09E-09	-6.21	10.1199174	-1.03E-01	101159472	101159595	NC_000014.8
cg27292977	2.90E-08	3.09E-09	-6.21	10.1195848	-1.45E-01	92305602	92305725	NC_000014.8
cg27591349	2.90E-08	3.09E-09	-6.21	10.1187097	-5.17E-02	54074250	54074373	NC_000010.10
cg18119085	2.90E-08	3.09E-09	-6.21	10.1176647	-2.72E-02	6121093	6121216	NC_000007.13
cg07402800	2.90E-08	3.09E-09	-6.21	10.1171148	-6.25E-02	145582003	145582126	NC_000008.10
cg04528720	2.91E-08	3.10E-09	-6.21	10.1163037	-1.07E-01	83962037	83962160	NC_000016.9
cg10187927	2.91E-08	3.10E-09	-6.21	10.115908	-1.12E-01	135364060	135364183	NC_000005.9
cg27634991	2.91E-08	3.10E-09	-6.21	10.1153265	-6.28E-02	137536245	137536368	NC_000006.11
cg11979846	2.91E-08	3.11E-09	-6.21	10.113656	-9.78E-02	247335702	247335825	NC_000001.10
cg12989498	2.91E-08	3.11E-09	-6.21	10.1133793	-1.35E-01	22236465	22236588	NC_000022.10
cg11944219	2.91E-08	3.11E-09	-6.21	10.1132178	-2.49E-02	112408507	112408630	NC_000006.11
cg26263675	2.92E-08	3.11E-09	-6.21	10.1126021	-1.07E-01	72743191	72743314	NC_000017.10
cg17541142	2.92E-08	3.11E-09	-6.21	10.1124332	-4.39E-02	1546826	1546949	NC_000007.13
cg15523177	2.92E-08	3.11E-09	-6.21	10.1110218	-4.26E-02	79269242	79269365	NC_000017.10
cg01397912	2.92E-08	3.12E-09	-6.21	10.1102714	-1.31E-01	55670288	55670411	NC_000019.9
cg04547002	2.92E-08	3.12E-09	-6.21	10.1101114	-1.13E-01	122551801	122551924	NC_000005.9
cg12723011	2.92E-08	3.12E-09	-6.21	10.1096365	-7.52E-02	15965102	15965225	NC_000004.11



cg14064335	2.93E-08	3.12E-09	-6.21	10.1086313	-1.53E-01	139540822	139540945	NC_000009.11
cg19726343	2.93E-08	3.12E-09	-6.21	10.108422	-1.08E-01	7515595	7515718	NC_000001.10
cg15703221	2.93E-08	3.12E-09	-6.21	10.1080275	-2.58E-02	160919268	160919391	NC_000002.11
cg14500718	2.93E-08	3.12E-09	-6.21	10.1079355	-8.21E-02	156251456	156251579	NC_000001.10
cg27657525	2.93E-08	3.12E-09	-6.21	10.1078884	-4.23E-02	30432971	30433094	NC_000019.9
cg05616355	2.93E-08	3.13E-09	-6.21	10.1073563	-1.17E-01	124480990	124481113	NC_000011.9
cg12123019	2.93E-08	3.13E-09	-6.21	10.1059777	-1.59E-01	18197853	18197976	NC_000019.9
cg16672562	2.94E-08	3.13E-09	-6.21	10.1056578	-1.91E-01	46801672	46801795	NC_000019.9
cg16604566	2.94E-08	3.13E-09	-6.21	10.1054357	-1.23E-01	74845829	74845952	NC_000018.9
cg17152465	2.94E-08	3.13E-09	-6.21	10.104735	-2.60E-02	30390102	30390225	NC_000016.9
cg23232299	2.94E-08	3.14E-09	-6.21	10.1042685	-9.85E-02	68212170	68212293	NC_000001.10
cg13713010	2.94E-08	3.14E-09	-6.21	10.1027469	-9.42E-02	54475409	54475532	NC_000012.11
cg09336589	2.95E-08	3.14E-09	-6.21	10.1018002	-1.05E-01	7107939	7108062	NC_000017.10
cg03531326	2.95E-08	3.14E-09	-6.21	10.1015352	-7.57E-02	39443344	39443467	NC_000019.9
cg21887023	2.95E-08	3.15E-09	-6.21	10.1004012	-1.25E-01	33534982	33535105	NC_000015.9
cg01717246	2.95E-08	3.15E-09	-6.21	10.1000057	-5.98E-02	224044718	224044841	NC_000001.10
cg19699088	2.95E-08	3.15E-09	-6.21	10.0997643	-3.47E-02	15930386	15930509	NC_000001.10
cg09264065	2.95E-08	3.15E-09	-6.21	10.0993642	-8.55E-02	29460936	29461059	NC_000001.10
cg20110633	2.96E-08	3.16E-09	-6.21	10.0981867	-1.36E-02	44302906	44303029	NC_000019.9
cg08265915	2.96E-08	3.16E-09	-6.21	10.0980511	-1.11E-01	45211116	45211239	NC_000010.10
cg07940793	2.96E-08	3.16E-09	-6.21	10.0974905	-1.95E-02	79603854	79603977	NC_000017.10
cg03560586	2.96E-08	3.16E-09	-6.21	10.0972576	-5.22E-02	239334908	239335031	NC_000002.11
cg17786206	2.96E-08	3.16E-09	-6.21	10.0966686	-1.06E-01	29142254	29142377	NC_000001.10
cg15512851	2.96E-08	3.16E-09	-6.21	10.096576	-1.29E-01	36973518	36973641	NC_000006.11
cg14993712	2.96E-08	3.16E-09	-6.21	10.0955936	-7.46E-02	138720786	138720909	NC_000007.13

cg21295838	2.97E-08	3.17E-09	-6.21	10.0947883	-8.26E-02	17634713	17634836	NC_000001.10
cg25260865	2.97E-08	3.17E-09	-6.21	10.0934293	-6.58E-02	124932002	124932125	NC_000003.11
cg25232795	2.97E-08	3.17E-09	-6.21	10.093222	-1.02E-01	150860100	150860223	NC_000005.9
cg14590214	2.97E-08	3.17E-09	-6.21	10.0924193	-1.26E-01	101586790	101586913	NC_000015.9
cg02957620	2.97E-08	3.17E-09	-6.21	10.092326	-2.74E-02	15903290	15903413	NC_000017.10
ch.2.4543734F	2.97E-08	3.17E-09	-6.21	10.0920825	-5.39E-02	227865079	227865202	NC_000002.11
cg26458617	2.98E-08	3.18E-09	-6.21	10.0912686	-1.58E-01	32889213	32889336	NC_000013.10
cg05262634	2.98E-08	3.18E-09	-6.21	10.0908807	-3.73E-02	38157968	38158091	NC_000001.10
cg25002294	2.98E-08	3.18E-09	-6.21	10.0901948	-1.42E-01	228559321	228559444	NC_000001.10
cg14116056	2.98E-08	3.18E-09	-6.21	10.0893743	-1.37E-01	35043782	35043905	NC_000007.13
cg17921363	2.98E-08	3.18E-09	-6.21	10.0893263	-6.11E-02	46696742	46696865	NC_000021.8
cg27425314	2.99E-08	3.19E-09	-6.21	10.0878288	-6.74E-02	26797619	26797742	NC_000001.10
cg03725115	2.99E-08	3.19E-09	-6.21	10.0878011	-1.10E-01	30458102	30458225	NC_000006.11
cg22230538	2.99E-08	3.19E-09	-6.21	10.0874214	-5.61E-02	28258841	28258964	NC_000008.10
cg27648270	2.99E-08	3.19E-09	-6.21	10.0865365	-8.51E-02	10928172	10928295	NC_000019.9
cg16614500	2.99E-08	3.20E-09	-6.21	10.0848852	-5.28E-02	694704	694827	NC_000011.9
cg24504432	3.00E-08	3.20E-09	-6.21	10.0841883	-1.29E-01	145808810	145808933	NC_000008.10
cg00130778	3.00E-08	3.20E-09	-6.21	10.0838902	-1.05E-01	18956389	18956512	NC_000022.10
cg13659542	3.00E-08	3.20E-09	-6.21	10.0838888	-1.01E-01	31044986	31045109	NC_000002.11
cg00199059	3.00E-08	3.20E-09	-6.21	10.0835322	-9.57E-02	45317219	45317342	NC_000020.10
cg09664550	3.00E-08	3.20E-09	-6.21	10.0829555	-3.74E-02	33294358	33294481	NC_000010.10
cg01349901	3.00E-08	3.21E-09	-6.21	10.0824806	-9.92E-02	140119930	140120053	NC_000009.11
cg01066046	3.01E-08	3.21E-09	-6.2	10.0811108	-7.78E-02	33105288	33105411	NC_000021.8
cg13110461	3.01E-08	3.21E-09	-6.2	10.0809371	-1.20E-01	16475451	16475574	NC_000001.10
ch.16.85700017R	3.01E-08	3.21E-09	-6.2	10.0800936	-1.41E-02	87142516	87142639	NC_000016.9

cg11214532	3.01E-08	3.22E-09	-6.2	10.0797841	-1.21E-01	79412137	79412260	NC_000017.10
cg24768078	3.01E-08	3.22E-09	-6.2	10.0797279	-4.72E-02	12353078	12353201	NC_000011.9
cg24287175	3.01E-08	3.22E-09	-6.2	10.0786847	-9.69E-02	17713671	17713794	NC_000017.10
cg18403852	3.01E-08	3.22E-09	-6.2	10.0784656	-1.22E-01	44016328	44016451	NC_000021.8
cg18926021	3.01E-08	3.22E-09	-6.2	10.0783754	-2.97E-02	89787293	89787416	NC_000015.9
cg13393601	3.01E-08	3.22E-09	-6.2	10.0781826	-8.45E-02	69534855	69534978	NC_000002.11
cg26440261	3.01E-08	3.22E-09	-6.2	10.0776055	-1.31E-01	229594	229717	NC_000007.13
cg04276536	3.02E-08	3.22E-09	-6.2	10.0770975	-9.37E-02	57567813	57567936	NC_000016.9
cg12011299	3.02E-08	3.22E-09	-6.2	10.0768032	-1.77E-01	100065546	100065669	NC_000004.11
cg13234062	3.02E-08	3.23E-09	-6.2	10.0765888	-6.18E-02	65668299	65668422	NC_000011.9
cg09368075	3.02E-08	3.23E-09	-6.2	10.0762552	-1.73E-01	210011147	210011270	NC_000002.11
cg04836987	3.02E-08	3.23E-09	-6.2	10.0759549	-8.09E-02	95964334	95964457	NC_000005.9
cg19522644	3.02E-08	3.23E-09	-6.2	10.0751432	-1.65E-01	8717905	8718028	NC_000018.9
cg20683445	3.02E-08	3.23E-09	-6.2	10.0747937	-1.04E-01	12853879	12854002	NC_000010.10
cg17272843	3.02E-08	3.23E-09	-6.2	10.0745067	-5.15E-02	77734280	77734403	NC_000011.9
cg02725556	3.02E-08	3.24E-09	-6.2	10.0737481	-6.26E-02	42820550	42820673	NC_000003.11
cg02984009	3.03E-08	3.24E-09	-6.2	10.0724805	-7.96E-02	86850498	86850621	NC_000007.13
cg26645509	3.03E-08	3.24E-09	-6.2	10.0722879	-6.10E-02	118944144	118944267	NC_000002.11
cg01380194	3.03E-08	3.25E-09	-6.2	10.0705763	-1.02E-01	72452482	72452605	NC_000011.9
cg03721293	3.04E-08	3.25E-09	-6.2	10.0699219	-5.42E-02	90014378	90014501	NC_000016.9
ch.16.192535R	3.04E-08	3.25E-09	-6.2	10.0699125	-1.73E-02	3828668	3828791	NC_000016.9
cg12720921	3.04E-08	3.25E-09	-6.2	10.0698364	-1.42E-01	40310457	40310580	NC_000004.11
cg04467803	3.04E-08	3.25E-09	-6.2	10.0695714	-5.20E-02	187457588	187457711	NC_000003.11
cg16577947	3.04E-08	3.25E-09	-6.2	10.0692809	-1.19E-01	168977235	168977358	NC_000006.11
cg24655706	3.04E-08	3.25E-09	-6.2	10.0690601	-1.33E-01	127078268	127078391	NC_000007.13

cg24333206	3.04E-08	3.25E-09	-6.2	10.0689554	-3.60E-02	140660642	140660765	NC_000003.11
cg07274523	3.04E-08	3.25E-09	-6.2	10.0685664	-9.68E-02	49395745	49395868	NC_000003.11
cg18565510	3.04E-08	3.25E-09	-6.2	10.0683238	-1.00E-01	1238702	1238825	NC_000001.10
cg20768342	3.04E-08	3.26E-09	-6.2	10.0673616	-6.14E-02	85483948	85484071	NC_000001.10
cg21290814	3.04E-08	3.26E-09	-6.2	10.0672586	-1.31E-01	18793853	18793976	NC_000019.9
cg15010854	3.04E-08	3.26E-09	-6.2	10.0672223	-4.44E-02	79008585	79008708	NC_000017.10
cg19511817	3.05E-08	3.26E-09	-6.2	10.0666462	-4.41E-02	14918783	14918906	NC_000016.9
cg08410227	3.05E-08	3.26E-09	-6.2	10.0664474	-9.81E-02	125753823	125753946	NC_000010.10
cg26615853	3.05E-08	3.26E-09	-6.2	10.0651201	-1.08E-01	79347104	79347227	NC_000010.10
cg17667773	3.05E-08	3.27E-09	-6.2	10.0642734	-1.72E-01	955700	955823	NC_000007.13
cg23334729	3.05E-08	3.27E-09	-6.2	10.0638408	-5.03E-02	2489047	2489170	NC_000020.10
cg20591745	3.05E-08	3.27E-09	-6.2	10.0637336	-1.49E-01	30079524	30079647	NC_000006.11
cg06485101	3.05E-08	3.27E-09	-6.2	10.063533	-1.16E-01	78073693	78073816	NC_000017.10
cg03312532	3.06E-08	3.27E-09	-6.2	10.0619778	-9.68E-02	90166033	90166156	NC_000015.9
cg12483466	3.06E-08	3.27E-09	-6.2	10.0617973	-4.01E-02	56546139	56546262	NC_000012.11
cg02962630	3.06E-08	3.27E-09	-6.2	10.0617921	-7.22E-02	41222776	41222899	NC_000015.9
cg18734472	3.06E-08	3.27E-09	-6.2	10.0617842	-1.01E-01	67326225	67326348	NC_000011.9
cg25068347	3.06E-08	3.28E-09	-6.2	10.0615811	-1.60E-01	128343784	128343907	NC_000011.9
cg05226292	3.06E-08	3.28E-09	-6.2	10.0615173	-2.67E-02	71520850	71520973	NC_000008.10
cg27539060	3.06E-08	3.28E-09	-6.2	10.0615154	-5.11E-02	137112464	137112587	NC_000006.11
cg22289662	3.06E-08	3.28E-09	-6.2	10.0600857	-5.85E-02	33386397	33386520	NC_000006.11
cg15009352	3.06E-08	3.28E-09	-6.2	10.0600025	-3.54E-02	22263925	22264048	NC_000001.10
cg07449450	3.06E-08	3.28E-09	-6.2	10.0599781	-3.80E-02	17566051	17566174	NC_000011.9
cg00359421	3.07E-08	3.28E-09	-6.2	10.0596716	-7.23E-02	159423044	159423167	NC_000001.10
cg24015081	3.07E-08	3.28E-09	-6.2	10.0593603	-1.54E-02	105144033	105144156	NC_000014.8

cg08813925	3.07E-08	3.29E-09	-6.2	10.0584479	-1.88E-01	31996740	31996863	NC_000010.10
cg09501372	3.07E-08	3.29E-09	-6.2	10.0576402	-5.10E-02	35463894	35464017	NC_000020.10
cg15696309	3.07E-08	3.29E-09	-6.2	10.0574579	-6.95E-02	58395628	58395751	NC_000011.9
cg08925066	3.08E-08	3.29E-09	-6.2	10.0558387	-3.14E-02	39572669	39572792	NC_000014.8
cg07578410	3.08E-08	3.30E-09	-6.2	10.0543894	-3.10E-02	171710114	171710237	NC_000005.9
cg25664034	3.08E-08	3.30E-09	-6.2	10.0540061	-7.79E-02	128469891	128470014	NC_000007.13
cg11660879	3.08E-08	3.30E-09	-6.2	10.0537939	-2.04E-01	13319417	13319540	NC_000019.9
cg14472062	3.08E-08	3.30E-09	-6.2	10.0533531	-8.64E-02	120310684	120310807	NC_000009.11
cg09170207	3.09E-08	3.31E-09	-6.2	10.0520186	-1.36E-01	71071082	71071205	NC_000015.9
cg22697825	3.09E-08	3.31E-09	-6.2	10.051245	-7.89E-02	223899853	223899976	NC_000001.10
cg17005273	3.09E-08	3.31E-09	-6.2	10.0511269	-1.18E-01	74524238	74524361	NC_000017.10
cg00789423	3.10E-08	3.32E-09	-6.2	10.0487084	-6.29E-02	45241714	45241837	NC_000001.10
cg16824301	3.10E-08	3.32E-09	-6.2	10.0486376	-4.54E-02	182573155	182573278	NC_000001.10
cg22548790	3.10E-08	3.32E-09	-6.2	10.0484203	-9.08E-02	87511439	87511562	NC_000004.11
cg24158844	3.11E-08	3.33E-09	-6.2	10.0456022	-1.08E-01	1079561	1079684	NC_000001.10
cg18551353	3.11E-08	3.33E-09	-6.2	10.0455422	-1.20E-01	49454326	49454449	NC_000020.10
cg14235568	3.11E-08	3.33E-09	-6.2	10.0450245	-6.35E-02	73774897	73775020	NC_000017.10
cg22199115	3.11E-08	3.33E-09	-6.2	10.0449204	-5.48E-02	90102575	90102698	NC_000012.11
cg00996315	3.11E-08	3.33E-09	-6.2	10.0440383	-5.36E-02	42977550	42977673	NC_000017.10
cg18623355	3.11E-08	3.34E-09	-6.2	10.043725	-7.17E-02	116808922	116809045	NC_000012.11
cg23880533	3.11E-08	3.34E-09	-6.2	10.0434377	-9.48E-02	124896079	124896202	NC_000012.11
cg13856812	3.12E-08	3.34E-09	-6.2	10.0422498	-1.16E-01	9551644	9551767	NC_000017.10
cg23351289	3.12E-08	3.34E-09	-6.2	10.042191	-9.75E-02	34849945	34850068	NC_000019.9
cg04999352	3.12E-08	3.34E-09	-6.2	10.0414611	-1.37E-01	63304614	63304737	NC_000011.9
cg11763800	3.12E-08	3.35E-09	-6.2	10.040745	-9.53E-02	105955745	105955868	NC_000014.8

cg04891053	3.12E-08	3.35E-09	-6.2	10.0402048	-8.86E-02	161053558	161053681	NC_000001.10
cg19323059	3.13E-08	3.35E-09	-6.2	10.0388816	-1.30E-01	41749344	41749467	NC_000007.13
cg17321668	3.13E-08	3.35E-09	-6.2	10.0386896	-1.72E-02	40174330	40174453	NC_000007.13
cg18732869	3.13E-08	3.35E-09	-6.2	10.0384955	-4.00E-02	6739680	6739803	NC_000019.9
cg25205801	3.13E-08	3.35E-09	-6.2	10.0381931	-1.11E-01	179710133	179710256	NC_000002.11
cg05037680	3.13E-08	3.36E-09	-6.2	10.0381494	-1.84E-02	155579817	155579940	NC_000001.10
cg15615968	3.13E-08	3.36E-09	-6.2	10.0365713	-9.68E-02	31364468	31364591	NC_000002.11
cg26558287	3.13E-08	3.36E-09	-6.2	10.0364294	-1.09E-01	67428155	67428278	NC_000016.9
cg06779113	3.13E-08	3.36E-09	-6.2	10.0363478	-1.13E-01	228273674	228273797	NC_000001.10
cg09553839	3.13E-08	3.36E-09	-6.2	10.0363432	-8.89E-02	74358778	74358901	NC_000010.10
cg01076704	3.14E-08	3.36E-09	-6.2	10.0356335	-1.14E-01	31127744	31127867	NC_000020.10
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cg08069383	3.14E-08	3.37E-09	-6.2	10.0349562	-1.59E-01	126897376	126897499	NC_000007.13
cg14997132	3.14E-08	3.37E-09	-6.2	10.0346057	-1.64E-01	82771274	82771397	NC_000005.9
cg02958167	3.14E-08	3.37E-09	-6.2	10.034431	-3.41E-02	170151846	170151969	NC_000006.11
cg22182287	3.14E-08	3.37E-09	-6.2	10.033968	-1.21E-01	3452347	3452470	NC_000002.11
cg27282761	3.14E-08	3.37E-09	-6.2	10.0333871	-3.53E-02	74806951	74807074	NC_000005.9
cg19266578	3.14E-08	3.37E-09	-6.2	10.0330669	-1.54E-01	62711729	62711852	NC_000020.10
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cg04340502	3.15E-08	3.38E-09	-6.2	10.0304077	-1.29E-01	52775209	52775332	NC_000006.11
cg20663376	3.15E-08	3.38E-09	-6.2	10.0303958	-1.26E-01	31372997	31373120	NC_000015.9
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cg14798919	3.15E-08	3.38E-09	-6.19	10.0298604	-4.83E-02	39340631	39340754	NC_000019.9

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cg00660009	3.16E-08	3.39E-09	-6.19	10.0286548	-8.03E-02	3054884	3055007	NC_000006.11
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cg14694342	3.16E-08	3.40E-09	-6.19	10.0262808	-1.56E-01	5828172	5828295	NC_000019.9
cg08956463	3.17E-08	3.40E-09	-6.19	10.0253211	-1.13E-01	41168911	41169034	NC_000006.11
cg14521987	3.17E-08	3.40E-09	-6.19	10.0243851	-7.79E-02	129236500	129236623	NC_000009.11
cg17304467	3.17E-08	3.41E-09	-6.19	10.0233103	-7.86E-02	61110297	61110420	NC_000011.9
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cg17415451	3.18E-08	3.41E-09	-6.19	10.0226823	-1.40E-01	11589049	11589172	NC_000005.9
cg04355439	3.18E-08	3.41E-09	-6.19	10.0225155	-1.01E-01	2065251	2065374	NC_000019.9
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cg17186087	3.18E-08	3.41E-09	-6.19	10.0209553	-8.27E-02	232765416	232765539	NC_000002.11
cg25755191	3.18E-08	3.42E-09	-6.19	10.0197631	-9.45E-02	167013332	167013455	NC_000001.10
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cg15923350	3.19E-08	3.42E-09	-6.19	10.019406	-9.72E-02	163038703	163038826	NC_000001.10
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cg04174410	3.19E-08	3.43E-09	-6.19	10.0163536	-8.52E-02	57832339	57832462	NC_000019.9
cg26904169	3.20E-08	3.43E-09	-6.19	10.0159826	-1.45E-01	89839865	89839988	NC_000007.13

cg05793299	3.20E-08	3.43E-09	-6.19	10.0154721	-1.65E-02	16481635	16481758	NC_000001.10
cg16763401	3.20E-08	3.44E-09	-6.19	10.0146776	-7.58E-02	190258603	190258726	NC_000002.11
cg22901337	3.20E-08	3.44E-09	-6.19	10.0144179	-2.92E-02	23790498	23790621	NC_000014.8
cg20768717	3.21E-08	3.45E-09	-6.19	10.0114894	-4.29E-02	65480045	65480168	NC_000011.9
cg01307507	3.21E-08	3.45E-09	-6.19	10.0107106	-2.17E-02	77751480	77751603	NC_000017.10
cg05091135	3.22E-08	3.46E-09	-6.19	10.0093744	-1.15E-01	51103373	51103496	NC_000013.10
cg12882103	3.22E-08	3.46E-09	-6.19	10.0091543	-5.49E-02	119672375	119672498	NC_000006.11
cg27650678	3.22E-08	3.46E-09	-6.19	10.0080064	-7.63E-02	66636318	66636441	NC_000011.9
cg23126152	3.22E-08	3.46E-09	-6.19	10.0078367	-1.02E-01	109221407	109221530	NC_000012.11
cg10456705	3.22E-08	3.46E-09	-6.19	10.0073225	-3.54E-02	19102203	19102326	NC_000009.11
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cg04525773	3.22E-08	3.46E-09	-6.19	10.0071482	-5.51E-02	87506040	87506163	NC_000007.13
cg14701122	3.23E-08	3.47E-09	-6.19	10.0051246	-1.61E-01	121890446	121890569	NC_000002.11
cg05483776	3.23E-08	3.47E-09	-6.19	10.0050888	-7.47E-02	174890487	174890610	NC_000002.11
cg20197130	3.23E-08	3.47E-09	-6.19	10.0050362	-1.69E-01	127256717	127256840	NC_000012.11
cg09273119	3.23E-08	3.47E-09	-6.19	10.0045337	-4.16E-02	35324774	35324897	NC_000001.10
cg05904338	3.23E-08	3.48E-09	-6.19	10.0033216	-1.50E-01	23546218	23546341	NC_000002.11
cg11050612	3.24E-08	3.48E-09	-6.19	10.0030045	-1.50E-01	149374066	149374189	NC_000003.11
cg06083412	3.24E-08	3.48E-09	-6.19	10.0025291	-1.27E-01	71228213	71228336	NC_000008.10
cg00716254	3.24E-08	3.48E-09	-6.19	10.0022471	-2.75E-02	122406912	122407035	NC_000002.11
cg14441964	3.24E-08	3.48E-09	-6.19	10.0014703	-3.62E-02	75910358	75910481	NC_000010.10
ch.3.30723819R	3.24E-08	3.48E-09	-6.19	10.0010058	-3.80E-02	30748815	30748938	NC_000003.11
cg15521790	3.24E-08	3.49E-09	-6.19	10.0000466	-1.86E-01	95889454	95889577	NC_000011.9
cg03602360	3.25E-08	3.49E-09	-6.19	9.9997682	-9.92E-02	79664699	79664822	NC_000002.11
cg20826671	3.25E-08	3.49E-09	-6.19	9.9992098	-1.04E-01	155547491	155547614	NC_000004.11



cg20043066	3.25E-08	3.49E-09	-6.19	9.9987278	-6.44E-02	52467264	52467387	NC_000008.10
cg15034393	3.25E-08	3.50E-09	-6.19	9.9981568	-9.33E-02	152856773	152856896	NC_000003.11
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cg07025471	3.25E-08	3.50E-09	-6.19	9.9973367	-5.18E-02	56468858	56468981	NC_000005.9
cg09180262	3.25E-08	3.50E-09	-6.19	9.9967522	-3.11E-02	876870	876993	NC_000001.10
cg06110802	3.26E-08	3.50E-09	-6.19	9.9956553	-1.29E-01	152020177	152020300	NC_000004.11
cg24889694	3.26E-08	3.51E-09	-6.19	9.9952804	-1.55E-01	101522535	101522658	NC_000008.10
cg06668829	3.26E-08	3.51E-09	-6.19	9.9951417	-1.36E-01	144948781	144948904	NC_000008.10
cg01436424	3.26E-08	3.51E-09	-6.19	9.9949073	-9.75E-02	7669070	7669193	NC_000001.10
cg26193694	3.26E-08	3.51E-09	-6.19	9.9941658	-3.28E-02	6543354	6543477	NC_000007.13
cg10721942	3.26E-08	3.51E-09	-6.19	9.9941522	-1.22E-01	48474184	48474307	NC_000003.11
cg17165759	3.26E-08	3.51E-09	-6.19	9.9938615	-1.44E-01	229577027	229577150	NC_000001.10
cg19245120	3.27E-08	3.51E-09	-6.19	9.9932731	-1.12E-01	222411535	222411658	NC_000002.11
cg10961484	3.27E-08	3.52E-09	-6.19	9.9919656	-1.21E-01	120530860	120530983	NC_000011.9
cg05657096	3.27E-08	3.52E-09	-6.19	9.9913529	-1.14E-01	281424	281547	NC_000016.9
cg00124488	3.28E-08	3.52E-09	-6.19	9.9899262	-5.75E-02	31509762	31509885	NC_000006.11
cg07412254	3.28E-08	3.53E-09	-6.19	9.9895526	-1.42E-01	121223534	121223657	NC_000002.11
cg09614479	3.28E-08	3.53E-09	-6.19	9.9888267	-1.22E-01	81967536	81967659	NC_000010.10
cg07837433	3.28E-08	3.53E-09	-6.19	9.9887785	-9.65E-02	51473087	51473210	NC_000019.9
cg20395892	3.28E-08	3.53E-09	-6.19	9.9887522	-1.42E-01	66582780	66582903	NC_000012.11
cg14251964	3.28E-08	3.53E-09	-6.19	9.9887244	-1.09E-01	18396499	18396622	NC_000008.10
cg18109369	3.28E-08	3.53E-09	-6.19	9.9885784	-1.26E-01	57051243	57051366	NC_000003.11
cg16733866	3.28E-08	3.53E-09	-6.19	9.9883527	-5.85E-02	42792609	42792732	NC_000021.8
cg10204695	3.29E-08	3.54E-09	-6.19	9.9864119	-2.56E-02	111991555	111991678	NC_000001.10
cg08142172	3.29E-08	3.54E-09	-6.19	9.9853872	-6.26E-02	39695011	39695134	NC_000019.9

cg26942392	3.30E-08	3.55E-09	-6.19	9.9838631	-6.74E-02	5591638	5591761	NC_000020.10
cg18708252	3.30E-08	3.55E-09	-6.19	9.9838221	-1.03E-01	39545030	39545153	NC_000022.10
cg22465123	3.30E-08	3.55E-09	-6.19	9.9836949	-2.63E-02	29598437	29598560	NC_000018.9
cg25284492	3.30E-08	3.55E-09	-6.19	9.9834266	-2.05E-02	9295432	9295555	NC_000001.10
cg16788391	3.30E-08	3.55E-09	-6.19	9.9833042	-1.03E-02	35201809	35201932	NC_000020.10
cg08417338	3.30E-08	3.55E-09	-6.19	9.9829999	-2.71E-02	43663582	43663705	NC_000015.9
cg14418857	3.30E-08	3.55E-09	-6.19	9.9821322	-1.35E-01	121120431	121120554	NC_000007.13
cg07236001	3.31E-08	3.56E-09	-6.19	9.9788621	-1.27E-01	1392360	1392483	NC_000011.9
cg19275220	3.31E-08	3.57E-09	-6.19	9.9786764	-1.50E-01	108168721	108168844	NC_000007.13
ch.7.84780R	3.32E-08	3.57E-09	-6.18	9.9772942	-2.78E-02	1851537	1851660	NC_000007.13
cg14120896	3.32E-08	3.57E-09	-6.18	9.9764371	-1.02E-01	56086441	56086564	NC_000019.9
cg02616405	3.32E-08	3.57E-09	-6.18	9.9764077	-1.07E-01	1250756	1250879	NC_000007.13
cg02861082	3.32E-08	3.58E-09	-6.18	9.9756218	-3.76E-02	136633712	136633835	NC_000002.11
cg07669776	3.33E-08	3.59E-09	-6.18	9.9718353	-9.80E-02	110975691	110975814	NC_000013.10
cg23257461	3.34E-08	3.59E-09	-6.18	9.9706697	-9.12E-02	39407851	39407974	NC_000001.10
cg18191248	3.34E-08	3.59E-09	-6.18	9.9706465	-4.33E-02	90808575	90808698	NC_000015.9
cg23313755	3.34E-08	3.60E-09	-6.18	9.9699823	-1.13E-01	112180280	112180403	NC_000010.10
cg11511777	3.35E-08	3.61E-09	-6.18	9.9677041	-1.38E-01	219725959	219726082	NC_000002.11
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cg23954193	3.35E-08	3.61E-09	-6.18	9.9660622	-3.47E-02	180991269	180991392	NC_000001.10
cg27072212	3.35E-08	3.61E-09	-6.18	9.966008	-9.62E-02	89901087	89901210	NC_000016.9
cg00872170	3.35E-08	3.61E-09	-6.18	9.9659197	-8.09E-02	157567443	157567566	NC_000007.13
cg19946631	3.36E-08	3.62E-09	-6.18	9.9644358	-4.05E-02	120933318	120933441	NC_000012.11
cg03625911	3.36E-08	3.62E-09	-6.18	9.9642891	-8.72E-02	203155737	203155860	NC_000001.10
cg15026743	3.36E-08	3.62E-09	-6.18	9.9635158	-1.48E-01	95003968	95004091	NC_000001.10

cg05452391	3.36E-08	3.62E-09	-6.18	9.9631722	-1.23E-01	131781406	131781529	NC_000005.9
cg03243450	3.36E-08	3.62E-09	-6.18	9.9627777	-5.60E-02	1800782	1800905	NC_000005.9
cg10479629	3.36E-08	3.62E-09	-6.18	9.962663	-1.06E-01	36499845	36499968	NC_000017.10
cg03895221	3.37E-08	3.63E-09	-6.18	9.9606497	-1.11E-01	31717101	31717224	NC_000001.10
cg26940178	3.37E-08	3.63E-09	-6.18	9.9606351	-1.16E-01	76082888	76083011	NC_000001.10
cg01870619	3.37E-08	3.63E-09	-6.18	9.9598519	-2.84E-02	32444265	32444388	NC_000005.9
cg23699463	3.37E-08	3.64E-09	-6.18	9.9593954	-1.33E-01	127559126	127559249	NC_000008.10
cg05705549	3.38E-08	3.64E-09	-6.18	9.9585536	-1.07E-01	5094341	5094464	NC_000016.9
cg23847017	3.38E-08	3.64E-09	-6.18	9.9583141	-9.20E-02	28764854	28764977	NC_000001.10
cg02385728	3.38E-08	3.64E-09	-6.18	9.9582615	-1.23E-01	133803377	133803500	NC_000009.11
cg02332491	3.38E-08	3.64E-09	-6.18	9.9571806	-1.15E-01	47180824	47180947	NC_000012.11
cg24481882	3.38E-08	3.65E-09	-6.18	9.9570085	-1.19E-01	136450701	136450824	NC_000006.11
cg24902842	3.38E-08	3.65E-09	-6.18	9.9565388	-1.10E-01	49850507	49850630	NC_000003.11
cg01285435	3.39E-08	3.65E-09	-6.18	9.954655	-5.70E-02	145654565	145654688	NC_000008.10
cg02034720	3.39E-08	3.66E-09	-6.18	9.953893	-2.02E-02	41925147	41925270	NC_000005.9
cg04303509	3.39E-08	3.66E-09	-6.18	9.9536012	-1.52E-01	35453690	35453813	NC_000019.9
cg25651608	3.39E-08	3.66E-09	-6.18	9.9526883	-7.62E-02	42073868	42073991	NC_000003.11
cg08906309	3.40E-08	3.66E-09	-6.18	9.9523649	-1.33E-01	8263420	8263543	NC_000017.10
cg08969922	3.40E-08	3.66E-09	-6.18	9.9520599	-1.06E-01	145642114	145642237	NC_000008.10
cg01331461	3.40E-08	3.66E-09	-6.18	9.95198	-1.22E-01	45345152	45345275	NC_000021.8
cg06747831	3.40E-08	3.66E-09	-6.18	9.9519447	-4.37E-02	58825870	58825993	NC_000011.9
cg26234644	3.40E-08	3.67E-09	-6.18	9.9512101	-1.33E-01	10634427	10634550	NC_000017.10
cg07793033	3.40E-08	3.67E-09	-6.18	9.9511181	-1.31E-01	85256423	85256546	NC_000016.9
cg21040094	3.40E-08	3.67E-09	-6.18	9.9508471	-1.51E-01	78475995	78476118	NC_000017.10
cg15233074	3.40E-08	3.67E-09	-6.18	9.9505686	-1.31E-01	3288101	3288224	NC_000004.11

cg27092704	3.40E-08	3.67E-09	-6.18	9.9496353	-1.30E-01	153066830	153066953	NC_000003.11
cg07747553	3.41E-08	3.67E-09	-6.18	9.9493576	-7.44E-02	35935982	35936105	NC_000022.10
cg03520342	3.41E-08	3.68E-09	-6.18	9.9487479	-1.11E-01	32920784	32920907	NC_000006.11
cg19622714	3.41E-08	3.68E-09	-6.18	9.9480816	-9.78E-02	30572912	30573035	NC_000016.9
cg24620463	3.41E-08	3.68E-09	-6.18	9.9476841	-5.12E-02	95917902	95918025	NC_000007.13
cg04424119	3.41E-08	3.68E-09	-6.18	9.947358	-1.17E-01	8403680	8403803	NC_000001.10
cg15984516	3.41E-08	3.68E-09	-6.18	9.9472105	-9.46E-02	100680261	100680384	NC_000014.8
cg22310062	3.41E-08	3.68E-09	-6.18	9.9467927	-1.97E-02	19181025	19181148	NC_000018.9
cg21136005	3.41E-08	3.68E-09	-6.18	9.9466182	-1.74E-02	31494527	31494650	NC_000014.8
cg17341955	3.41E-08	3.68E-09	-6.18	9.9465653	-5.99E-02	43662933	43663056	NC_000003.11
cg00719626	3.42E-08	3.69E-09	-6.18	9.946033	-1.02E-01	15575685	15575808	NC_000019.9
cg25106635	3.42E-08	3.69E-09	-6.18	9.9447812	-2.52E-02	2510001	2510124	NC_000016.9
cg05368910	3.42E-08	3.69E-09	-6.18	9.9444045	-6.60E-02	134911061	134911184	NC_000006.11
cg06588028	3.42E-08	3.70E-09	-6.18	9.9432835	-9.29E-02	6745568	6745691	NC_000012.11
cg24415278	3.43E-08	3.70E-09	-6.18	9.9431582	-5.98E-02	108786955	108787078	NC_000011.9
cg23969554	3.43E-08	3.70E-09	-6.18	9.9421831	-1.01E-01	2979311	2979434	NC_000001.10
cg21686812	3.43E-08	3.70E-09	-6.18	9.9421321	-1.35E-01	168078911	168079034	NC_000006.11
cg10282807	3.43E-08	3.70E-09	-6.18	9.9415951	-1.05E-01	6756551	6756674	NC_000012.11
cg15645888	3.43E-08	3.70E-09	-6.18	9.9413512	-7.68E-02	28285957	28286080	NC_000008.10
cg00957686	3.43E-08	3.71E-09	-6.18	9.9411012	-5.15E-02	15161139	15161262	NC_000018.9
cg19183542	3.43E-08	3.71E-09	-6.18	9.9406876	-5.45E-02	49448572	49448695	NC_000015.9
cg08525430	3.44E-08	3.71E-09	-6.18	9.9397277	-6.54E-02	52900882	52901005	NC_000019.9
cg17337807	3.44E-08	3.71E-09	-6.18	9.9394489	-5.15E-02	52546246	52546369	NC_000012.11
cg26325497	3.44E-08	3.71E-09	-6.18	9.9392474	-7.27E-02	54199538	54199661	NC_000019.9
cg25272143	3.44E-08	3.71E-09	-6.18	9.938894	-1.70E-01	62211990	62212113	NC_000011.9

cg03535079	3.44E-08	3.72E-09	-6.18	9.9379988	-1.07E-01	48523498	48523621	NC_000008.10
cg23024047	3.44E-08	3.72E-09	-6.18	9.9378512	-1.39E-01	5505983	5506106	NC_000003.11
cg18336435	3.44E-08	3.72E-09	-6.18	9.9374592	-4.81E-02	60884637	60884760	NC_000015.9
cg21266845	3.44E-08	3.72E-09	-6.18	9.9374198	-7.05E-02	168698479	168698602	NC_000001.10
cg11045524	3.45E-08	3.72E-09	-6.18	9.9364996	-4.10E-02	133320781	133320904	NC_000009.11
cg24146288	3.45E-08	3.73E-09	-6.18	9.935791	-1.17E-01	42302342	42302465	NC_000015.9
cg06468347	3.45E-08	3.73E-09	-6.18	9.9353693	-1.46E-01	3705875	3705998	NC_000017.10
cg18163699	3.45E-08	3.73E-09	-6.18	9.9349821	-3.93E-02	61659072	61659195	NC_000011.9
cg16869108	3.45E-08	3.73E-09	-6.18	9.9349704	-1.10E-01	10184319	10184442	NC_000003.11
cg20837557	3.45E-08	3.73E-09	-6.18	9.9342808	-1.26E-01	146864278	146864401	NC_000006.11
cg24969222	3.46E-08	3.74E-09	-6.18	9.9332689	-1.28E-01	143861209	143861332	NC_000003.11
cg21736592	3.46E-08	3.74E-09	-6.18	9.9326253	-6.91E-02	37678450	37678573	NC_000022.10
cg06840930	3.46E-08	3.74E-09	-6.18	9.9319072	-1.17E-01	38642659	38642782	NC_000017.10
cg13877005	3.46E-08	3.74E-09	-6.18	9.9312611	-6.48E-02	44866637	44866760	NC_000009.11
cg23646337	3.47E-08	3.75E-09	-6.18	9.9293542	-6.28E-02	42817556	42817679	NC_000019.9
cg04618386	3.47E-08	3.75E-09	-6.18	9.9288642	-1.34E-01	8768440	8768563	NC_000002.11
cg23930083	3.47E-08	3.75E-09	-6.18	9.9281808	-3.25E-02	100816912	100817035	NC_000007.13
cg24875595	3.48E-08	3.76E-09	-6.18	9.9278974	-1.24E-01	79363761	79363884	NC_000002.11
cg12149777	3.48E-08	3.76E-09	-6.18	9.927637	-3.95E-02	139937459	139937582	NC_000004.11
cg01168339	3.48E-08	3.76E-09	-6.18	9.9272769	-1.23E-01	120935726	120935849	NC_000012.11
cg10821925	3.48E-08	3.76E-09	-6.18	9.9269215	-1.50E-02	29533733	29533856	NC_000012.11
cg11705167	3.48E-08	3.76E-09	-6.18	9.9269007	-1.04E-01	86001364	86001487	NC_000010.10
cg11229399	3.48E-08	3.76E-09	-6.17	9.9264327	-8.90E-02	228689056	228689179	NC_000001.10
cg09155025	3.48E-08	3.76E-09	-6.17	9.9262653	-1.22E-01	145642024	145642147	NC_000008.10
cg15743358	3.48E-08	3.76E-09	-6.17	9.9259122	-4.99E-02	28303923	28304046	NC_000006.11

cg01126095	3.48E-08	3.76E-09	-6.17	9.9258469	-1.21E-01	153665707	153665830	NC_000005.9
cg08321942	3.48E-08	3.77E-09	-6.17	9.9251441	-1.28E-01	34310625	34310748	NC_000019.9
cg02557269	3.48E-08	3.77E-09	-6.17	9.9249801	-3.05E-02	54826467	54826590	NC_000007.13
cg01437571	3.49E-08	3.77E-09	-6.17	9.9246647	-4.45E-02	33792148	33792271	NC_000019.9
cg12598340	3.49E-08	3.77E-09	-6.17	9.9245592	-6.66E-02	33367416	33367539	NC_000001.10
cg09766628	3.49E-08	3.77E-09	-6.17	9.9243478	-3.16E-02	4634728	4634851	NC_000017.10
cg02400092	3.49E-08	3.77E-09	-6.17	9.9232722	-1.17E-01	130185384	130185507	NC_000011.9
cg09077966	3.49E-08	3.77E-09	-6.17	9.9231537	-3.15E-02	89724782	89724905	NC_000016.9
cg09363068	3.50E-08	3.78E-09	-6.17	9.9213048	-1.44E-01	1004748	1004871	NC_000007.13
cg18919225	3.50E-08	3.78E-09	-6.17	9.9210907	-6.69E-02	103311494	103311617	NC_000012.11
cg21878902	3.50E-08	3.78E-09	-6.17	9.9210363	-5.72E-02	13068309	13068432	NC_000019.9
cg16086588	3.50E-08	3.79E-09	-6.17	9.9200557	-3.48E-02	96651424	96651547	NC_000014.8
cg00418735	3.50E-08	3.79E-09	-6.17	9.9190744	-1.06E-01	60791033	60791156	NC_000020.10
cg12315011	3.51E-08	3.79E-09	-6.17	9.9184571	-8.91E-02	161047106	161047229	NC_000004.11
cg17929169	3.51E-08	3.79E-09	-6.17	9.9182698	-1.66E-01	112195522	112195645	NC_000006.11
cg02589685	3.51E-08	3.79E-09	-6.17	9.9181309	-1.44E-01	2889629	2889752	NC_000011.9
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cg11307417	3.51E-08	3.80E-09	-6.17	9.9169234	-1.14E-01	48310616	48310739	NC_000003.11
cg04034517	3.51E-08	3.80E-09	-6.17	9.9165682	-9.53E-02	76262877	76263000	NC_000010.10
cg00677272	3.51E-08	3.80E-09	-6.17	9.9159934	-1.50E-01	59213434	59213557	NC_000014.8
cg14538785	3.52E-08	3.80E-09	-6.17	9.9156517	-1.42E-01	112112130	112112253	NC_000009.11
cg01790464	3.52E-08	3.80E-09	-6.17	9.9156293	-9.73E-02	23623935	23624058	NC_000014.8
cg16144447	3.52E-08	3.81E-09	-6.17	9.9136818	-3.82E-02	36184773	36184896	NC_000001.10
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cg02607779	3.53E-08	3.82E-09	-6.17	9.9119627	-6.46E-02	208030673	208030796	NC_000002.11

cg12196294	3.53E-08	3.82E-09	-6.17	9.9111244	-1.25E-01	129575053	129575176	NC_000003.11
cg08631427	3.53E-08	3.82E-09	-6.17	9.910931	-3.64E-02	150346858	150346981	NC_000006.11
cg15689795	3.53E-08	3.82E-09	-6.17	9.9108155	-1.05E-01	2439478	2439601	NC_000004.11
cg17840178	3.53E-08	3.82E-09	-6.17	9.9104899	-5.79E-02	30709803	30709926	NC_000006.11
cg01326048	3.53E-08	3.82E-09	-6.17	9.9101378	-1.25E-01	84560751	84560874	NC_000016.9
cg09962952	3.54E-08	3.83E-09	-6.17	9.9095961	-1.46E-01	6753024	6753147	NC_000019.9
cg04303920	3.54E-08	3.83E-09	-6.17	9.9093103	-8.11E-02	73951939	73952062	NC_000006.11
cg11647108	3.54E-08	3.83E-09	-6.17	9.9076422	-1.34E-01	81967516	81967639	NC_000010.10
cg24674635	3.54E-08	3.84E-09	-6.17	9.9071043	-6.82E-02	6750696	6750819	NC_000020.10
cg24427243	3.55E-08	3.84E-09	-6.17	9.9064783	-1.20E-01	12128100	12128223	NC_000001.10
cg13978325	3.55E-08	3.84E-09	-6.17	9.906116	-3.53E-02	137218288	137218411	NC_000009.11
cg22892110	3.55E-08	3.84E-09	-6.17	9.9053444	-8.95E-02	144798631	144798754	NC_000008.10
cg13930468	3.55E-08	3.84E-09	-6.17	9.9051262	-2.33E-02	18022372	18022495	NC_000004.11
cg03245218	3.56E-08	3.86E-09	-6.17	9.9022721	-1.12E-01	3666271	3666394	NC_000011.9
cg08241307	3.56E-08	3.86E-09	-6.17	9.9016411	-1.17E-01	2212225	2212348	NC_000011.9
cg22583147	3.57E-08	3.86E-09	-6.17	9.9005791	-1.23E-01	44331824	44331947	NC_000003.11
cg25756398	3.57E-08	3.86E-09	-6.17	9.9005058	-3.82E-02	93474621	93474744	NC_000011.9
cg21026086	3.57E-08	3.87E-09	-6.17	9.8993768	-1.83E-02	42939820	42939943	NC_000020.10
cg02271139	3.57E-08	3.87E-09	-6.17	9.8992264	-1.26E-01	79110023	79110146	NC_000017.10
cg21927177	3.58E-08	3.88E-09	-6.17	9.8964419	-6.59E-02	65172436	65172559	NC_000014.8
cg14688588	3.58E-08	3.88E-09	-6.17	9.8956283	-8.22E-02	184870705	184870828	NC_000003.11
cg16358099	3.59E-08	3.89E-09	-6.17	9.8945758	-7.98E-02	95136834	95136957	NC_000010.10
cg24798047	3.59E-08	3.89E-09	-6.17	9.8944657	-1.41E-01	204183655	204183778	NC_000001.10
cg12603531	3.59E-08	3.89E-09	-6.17	9.8943178	-4.64E-02	139258402	139258525	NC_000009.11
cg09515568	3.59E-08	3.89E-09	-6.17	9.8942935	-3.12E-02	120101875	120101998	NC_000010.10

cg23636802	3.59E-08	3.89E-09	-6.17	9.8939944	-1.25E-01	32054441	32054564	NC_000006.11
cg13597564	3.59E-08	3.89E-09	-6.17	9.8938587	-5.93E-02	49851942	49852065	NC_000003.11
cg25215298	3.59E-08	3.89E-09	-6.17	9.8937797	-5.92E-02	860022	860145	NC_000001.10
cg15374518	3.59E-08	3.89E-09	-6.17	9.8932729	-1.27E-01	159067684	159067807	NC_000006.11
cg24867501	3.59E-08	3.89E-09	-6.17	9.8928064	-1.09E-01	50925337	50925460	NC_000022.10
cg01927373	3.60E-08	3.90E-09	-6.17	9.8921043	-1.17E-01	82407884	82408007	NC_000004.11
cg17096807	3.60E-08	3.90E-09	-6.17	9.891933	-1.63E-01	6667374	6667497	NC_000012.11
cg19560656	3.60E-08	3.90E-09	-6.17	9.8918606	-7.59E-02	14444267	14444390	NC_000019.9
cg05647567	3.60E-08	3.90E-09	-6.17	9.8916167	-1.09E-01	172222550	172222673	NC_000005.9
cg05362669	3.60E-08	3.90E-09	-6.17	9.8915219	-2.37E-02	61547285	61547408	NC_000003.11
cg04835091	3.60E-08	3.90E-09	-6.17	9.8912183	-1.24E-01	35406	35529	NC_000017.10
cg08165083	3.60E-08	3.90E-09	-6.17	9.8906638	-1.39E-01	10589400	10589523	NC_000001.10
cg07231132	3.60E-08	3.90E-09	-6.17	9.8902213	-1.65E-02	48350498	48350621	NC_000017.10
cg05953598	3.60E-08	3.90E-09	-6.17	9.8901195	-2.46E-02	184433249	184433372	NC_000003.11
cg06200244	3.61E-08	3.91E-09	-6.17	9.8874557	-1.61E-01	12862337	12862460	NC_000002.11
cg00106744	3.61E-08	3.92E-09	-6.17	9.8869262	-5.59E-02	27106928	27107051	NC_000021.8
cg05210886	3.61E-08	3.92E-09	-6.17	9.8869256	-3.59E-02	245133216	245133339	NC_000001.10
cg09211429	3.62E-08	3.92E-09	-6.17	9.8859036	-3.07E-02	6748710	6748833	NC_000020.10
cg07138024	3.62E-08	3.92E-09	-6.17	9.8855944	-1.54E-01	25608323	25608446	NC_000007.13
cg08834573	3.62E-08	3.93E-09	-6.17	9.8846776	-1.02E-01	77005666	77005789	NC_000010.10
cg24516901	3.62E-08	3.93E-09	-6.17	9.8836021	-1.50E-01	225266801	225266924	NC_000002.11
cg04550823	3.62E-08	3.93E-09	-6.17	9.8835672	-1.09E-01	87617916	87618039	NC_000001.10
cg26813458	3.63E-08	3.93E-09	-6.17	9.8831869	-1.19E-01	42260485	42260608	NC_000019.9
cg01739965	3.63E-08	3.93E-09	-6.17	9.8825672	-3.95E-02	64246297	64246420	NC_000002.11
cg08821656	3.63E-08	3.94E-09	-6.17	9.8812554	-1.71E-01	76373091	76373214	NC_000005.9



cg10109215	3.64E-08	3.95E-09	-6.17	9.8797542	-5.78E-02	30605810	30605933	NC_000020.10
cg04680535	3.64E-08	3.95E-09	-6.17	9.8795796	-9.18E-02	4066091	4066214	NC_000007.13
cg23920246	3.64E-08	3.95E-09	-6.17	9.8783847	-1.16E-01	113398727	113398850	NC_000002.11
cg17656763	3.64E-08	3.95E-09	-6.17	9.8782404	-1.37E-01	65927079	65927202	NC_000012.11
cg22724765	3.65E-08	3.96E-09	-6.17	9.8769053	-1.31E-01	43397572	43397695	NC_000005.9
cg15933729	3.65E-08	3.96E-09	-6.17	9.8766806	-7.87E-02	27504612	27504735	NC_000011.9
cg02044895	3.65E-08	3.96E-09	-6.17	9.8766205	-1.61E-01	58343318	58343441	NC_000011.9
cg19658829	3.65E-08	3.96E-09	-6.17	9.8763354	-2.21E-02	125399894	125400017	NC_000012.11
cg17263053	3.65E-08	3.96E-09	-6.17	9.8755333	-6.65E-02	26785187	26785310	NC_000002.11
cg09918747	3.65E-08	3.96E-09	-6.17	9.8753119	-2.37E-02	179105170	179105293	NC_000005.9
cg12298241	3.66E-08	3.97E-09	-6.16	9.8730015	-1.18E-01	30638129	30638252	NC_000020.10
cg02164153	3.66E-08	3.97E-09	-6.16	9.872922	-3.83E-02	172068145	172068268	NC_000005.9
cg05059451	3.66E-08	3.97E-09	-6.16	9.8727259	-1.04E-01	13011156	13011279	NC_000011.9
cg03161309	3.67E-08	3.98E-09	-6.16	9.8714331	-1.28E-01	6563585	6563708	NC_000017.10
cg07241908	3.67E-08	3.98E-09	-6.16	9.8710186	-1.02E-01	56284622	56284745	NC_000008.10
cg25343204	3.67E-08	3.98E-09	-6.16	9.8710142	-1.47E-01	16841311	16841434	NC_000007.13
cg20769856	3.67E-08	3.98E-09	-6.16	9.8708956	-1.62E-01	31422123	31422246	NC_000013.10
cg21595543	3.67E-08	3.98E-09	-6.16	9.870589	-2.11E-02	196295373	196295496	NC_000003.11
cg11638320	3.67E-08	3.98E-09	-6.16	9.8705448	-9.55E-02	150638295	150638418	NC_000003.11
cg16516556	3.67E-08	3.98E-09	-6.16	9.8700842	-1.79E-02	55008180	55008303	NC_000001.10
cg17501828	3.68E-08	3.99E-09	-6.16	9.8684921	-5.52E-02	567358	567481	NC_000001.10
cg04742977	3.69E-08	4.01E-09	-6.16	9.8647693	-1.21E-01	91127460	91127583	NC_000014.8
cg13940218	3.69E-08	4.01E-09	-6.16	9.8647389	-5.98E-02	22207207	22207330	NC_000001.10
cg26804595	3.69E-08	4.01E-09	-6.16	9.8639366	-8.86E-02	749581	749704	NC_000016.9
cg03506193	3.70E-08	4.01E-09	-6.16	9.8634773	-8.01E-02	104033864	104033987	NC_000008.10

cg22275321	3.70E-08	4.01E-09	-6.16	9.8633726	-6.79E-02	9732290	9732413	NC_000019.9
cg24544047	3.70E-08	4.01E-09	-6.16	9.8633127	-1.23E-01	101927904	101928027	NC_000007.13
cg12719510	3.70E-08	4.01E-09	-6.16	9.8630981	-2.76E-02	155024394	155024517	NC_000001.10
cg10811945	3.70E-08	4.01E-09	-6.16	9.8628499	-9.96E-02	156784913	156785036	NC_000001.10
cg20629923	3.70E-08	4.02E-09	-6.16	9.8625856	-3.00E-02	30594955	30595078	NC_000006.11
cg16488580	3.70E-08	4.02E-09	-6.16	9.8622313	-8.29E-02	173097570	173097693	NC_000005.9
cg24659201	3.71E-08	4.02E-09	-6.16	9.8604786	-3.56E-02	133173718	133173841	NC_000002.11
cg11377213	3.71E-08	4.02E-09	-6.16	9.8602277	-1.37E-01	69370218	69370341	NC_000003.11
cg23606079	3.71E-08	4.03E-09	-6.16	9.8600531	-1.11E-01	84853871	84853994	NC_000016.9
cg15982419	3.71E-08	4.03E-09	-6.16	9.8596944	-1.04E-01	9474707	9474830	NC_000018.9
cg22261866	3.71E-08	4.03E-09	-6.16	9.8596377	-4.04E-02	187475891	187476014	NC_000004.11
cg17489312	3.71E-08	4.03E-09	-6.16	9.8590974	-1.09E-01	9376039	9376162	NC_000001.10
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cg14407437	3.71E-08	4.03E-09	-6.16	9.8581402	-1.72E-01	31845923	31846046	NC_000001.10
cg14646613	3.71E-08	4.03E-09	-6.16	9.8581244	-7.77E-02	110412708	110412831	NC_000009.11
cg09569432	3.72E-08	4.04E-09	-6.16	9.85736	-1.04E-01	39826668	39826791	NC_000019.9
cg25214561	3.72E-08	4.04E-09	-6.16	9.8572759	-1.03E-01	11494984	11495107	NC_000003.11
cg00087425	3.72E-08	4.04E-09	-6.16	9.8566785	-1.45E-01	22766829	22766952	NC_000007.13
cg02045948	3.73E-08	4.05E-09	-6.16	9.8541939	-8.78E-02	32857317	32857440	NC_000003.11
cg23894948	3.73E-08	4.05E-09	-6.16	9.8541839	-9.91E-02	21387055	21387178	NC_000022.10
cg26862286	3.73E-08	4.05E-09	-6.16	9.8541264	-1.22E-01	232330307	232330430	NC_000002.11
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cg24598495	3.73E-08	4.05E-09	-6.16	9.8538423	-1.16E-01	37064804	37064927	NC_000013.10
cg08519643	3.73E-08	4.05E-09	-6.16	9.8538156	-7.64E-02	84030854	84030977	NC_000004.11
cg19809791	3.73E-08	4.05E-09	-6.16	9.8537649	-9.77E-02	17027832	17027955	NC_000001.10

cg18448426	3.73E-08	4.06E-09	-6.16	9.8528254	-1.26E-01	36648832	36648955	NC_000022.10
cg18430895	3.74E-08	4.06E-09	-6.16	9.851837	-8.29E-02	10485607	10485730	NC_000005.9
ch.5.2173511R	3.74E-08	4.06E-09	-6.16	9.8515459	-5.10E-02	118874673	118874796	NC_000005.9
cg27061366	3.74E-08	4.06E-09	-6.16	9.8512538	-4.28E-02	13044373	13044496	NC_000019.9
cg06186790	3.74E-08	4.06E-09	-6.16	9.8512308	-9.91E-02	2902921	2903044	NC_000016.9
cg02672737	3.74E-08	4.06E-09	-6.16	9.8508005	-6.81E-02	72476759	72476882	NC_000015.9
cg08665810	3.75E-08	4.07E-09	-6.16	9.849191	-4.26E-02	242498021	242498144	NC_000002.11
ch.1.3642016F	3.75E-08	4.07E-09	-6.16	9.848718	-2.91E-02	186326454	186326577	NC_000001.10
cg18313694	3.75E-08	4.08E-09	-6.16	9.8478423	-7.46E-02	45480185	45480308	NC_000015.9
cg13415078	3.75E-08	4.08E-09	-6.16	9.8470943	-9.98E-02	111287117	111287240	NC_000013.10
cg10581241	3.75E-08	4.08E-09	-6.16	9.8467668	-3.25E-02	46403617	46403740	NC_000011.9
cg10587621	3.77E-08	4.10E-09	-6.16	9.8430914	-7.04E-02	7482003	7482126	NC_000017.10
cg01214459	3.77E-08	4.10E-09	-6.16	9.8428015	-9.16E-02	1938156	1938279	NC_000012.11
cg11523456	3.77E-08	4.10E-09	-6.16	9.842658	-1.03E-01	65258811	65258934	NC_000011.9
cg11907102	3.77E-08	4.10E-09	-6.16	9.8425084	-2.59E-02	201936469	201936592	NC_000002.11
cg07172334	3.77E-08	4.10E-09	-6.16	9.8424979	-1.42E-01	31655261	31655384	NC_000021.8
cg11348293	3.77E-08	4.10E-09	-6.16	9.8416898	-1.01E-01	219926334	219926457	NC_000002.11
cg16417258	3.77E-08	4.10E-09	-6.16	9.8415655	-2.71E-02	919731	919854	NC_000001.10
cg07479001	3.77E-08	4.10E-09	-6.16	9.8414133	-1.39E-01	25017635	25017758	NC_000012.11
cg25444667	3.77E-08	4.10E-09	-6.16	9.8410278	-8.95E-02	238610221	238610344	NC_000002.11
cg06633162	3.78E-08	4.11E-09	-6.16	9.8407779	-1.12E-01	158481402	158481525	NC_000006.11
cg25423174	3.78E-08	4.11E-09	-6.16	9.8406903	-1.08E-01	12236303	12236426	NC_000003.11
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cg05721773	3.78E-08	4.11E-09	-6.16	9.8404789	-7.82E-02	207083336	207083459	NC_000001.10
cg26328589	3.78E-08	4.11E-09	-6.16	9.8398589	-1.44E-01	27036568	27036691	NC_000017.10

cg03935729	3.78E-08	4.11E-09	-6.16	9.8393987	-1.08E-01	104405198	104405321	NC_000011.9
cg10660903	3.78E-08	4.11E-09	-6.16	9.8388294	-6.72E-02	45307606	45307729	NC_000017.10
cg08158805	3.78E-08	4.11E-09	-6.16	9.8385757	-9.04E-02	123485052	123485175	NC_000007.13
cg18677603	3.79E-08	4.12E-09	-6.16	9.8378857	-1.33E-01	194030679	194030802	NC_000003.11
cg00479463	3.79E-08	4.12E-09	-6.16	9.8374523	-1.35E-01	33726786	33726909	NC_000019.9
cg17074431	3.79E-08	4.12E-09	-6.16	9.8371564	-1.29E-01	99409948	99410071	NC_000015.9
cg25752272	3.79E-08	4.12E-09	-6.16	9.8365979	-6.99E-02	61110107	61110230	NC_000011.9
cg26572896	3.79E-08	4.12E-09	-6.16	9.8362875	-1.25E-01	151386104	151386227	NC_000002.11
cg07594954	3.79E-08	4.13E-09	-6.16	9.8352706	-1.25E-01	132990608	132990731	NC_000003.11
cg00139681	3.81E-08	4.14E-09	-6.16	9.8319883	-9.40E-02	106125168	106125291	NC_000007.13
cg16760587	3.81E-08	4.14E-09	-6.16	9.8318042	-9.39E-02	17517594	17517717	NC_000004.11
cg19371652	3.81E-08	4.15E-09	-6.16	9.8304247	-1.33E-01	113415883	113416006	NC_000012.11
cg09645818	3.81E-08	4.15E-09	-6.16	9.8303727	-1.24E-01	10764592	10764715	NC_000011.9
cg09218250	3.81E-08	4.15E-09	-6.16	9.8300677	-9.76E-02	9943848	9943971	NC_000003.11
cg10251594	3.82E-08	4.15E-09	-6.16	9.8293967	-1.19E-01	106433444	106433567	NC_000006.11
cg17136630	3.82E-08	4.16E-09	-6.16	9.829115	-2.03E-02	56884682	56884805	NC_000020.10
cg03453890	3.82E-08	4.16E-09	-6.16	9.8281696	-1.09E-01	145643535	145643658	NC_000008.10
cg16108887	3.82E-08	4.16E-09	-6.16	9.8278919	-1.42E-01	25608305	25608428	NC_000007.13
cg09538676	3.82E-08	4.16E-09	-6.16	9.8276199	-1.10E-01	105400982	105401105	NC_000007.13
cg22341788	3.83E-08	4.16E-09	-6.16	9.8268333	-1.26E-01	28975690	28975813	NC_000013.10
ch.6.34361150R	3.83E-08	4.17E-09	-6.16	9.8259151	-2.59E-02	34253172	34253295	NC_000006.11
cg21503392	3.83E-08	4.17E-09	-6.16	9.8255478	-1.13E-01	168479852	168479975	NC_000006.11
cg06706894	3.84E-08	4.18E-09	-6.15	9.8228103	-7.86E-02	80167002	80167125	NC_000010.10
cg08535171	3.84E-08	4.18E-09	-6.15	9.8226114	-6.23E-02	44458022	44458145	NC_000013.10
cg27051453	3.84E-08	4.18E-09	-6.15	9.8225382	-4.00E-02	63335020	63335143	NC_000007.13

cg08428545	3.84E-08	4.18E-09	-6.15	9.8223364	-1.29E-01	111507452	111507575	NC_000004.11
cg26662324	3.85E-08	4.19E-09	-6.15	9.821213	-1.38E-01	126745862	126745985	NC_000010.10
cg12225854	3.85E-08	4.19E-09	-6.15	9.8203184	-6.03E-02	95619884	95620007	NC_000013.10
cg19038540	3.85E-08	4.19E-09	-6.15	9.8199306	-7.72E-02	101701364	101701487	NC_000001.10
cg07487572	3.86E-08	4.20E-09	-6.15	9.8175641	-8.83E-02	185018391	185018514	NC_000004.11
cg22982093	3.86E-08	4.21E-09	-6.15	9.8169468	-1.50E-01	41669401	41669524	NC_000017.10
cg26580869	3.87E-08	4.21E-09	-6.15	9.8151084	-1.12E-01	611506	611629	NC_000019.9
cg26110281	3.87E-08	4.22E-09	-6.15	9.8146728	-1.35E-01	123885695	123885818	NC_000011.9
cg08298827	3.88E-08	4.22E-09	-6.15	9.8131277	-7.51E-02	62009585	62009708	NC_000011.9
ch.12.1441382R	3.88E-08	4.23E-09	-6.15	9.8118726	-4.52E-02	69985999	69986122	NC_000012.11
cg10190035	3.88E-08	4.23E-09	-6.15	9.8111327	-3.68E-02	99437860	99437983	NC_000015.9
cg16460860	3.89E-08	4.24E-09	-6.15	9.809673	-9.06E-02	17744282	17744405	NC_000017.10
cg11936341	3.89E-08	4.24E-09	-6.15	9.8091679	-1.37E-01	1604140	1604263	NC_000006.11
cg22491629	3.89E-08	4.24E-09	-6.15	9.8084472	-6.16E-02	157744540	157744663	NC_000006.11
cg23322223	3.89E-08	4.24E-09	-6.15	9.8082567	-1.57E-01	108423292	108423415	NC_000011.9
cg26697334	3.90E-08	4.25E-09	-6.15	9.8078653	-7.90E-02	279990	280113	NC_000016.9
cg06800962	3.90E-08	4.25E-09	-6.15	9.807516	-1.08E-01	149096029	149096152	NC_000003.11
cg14806752	3.90E-08	4.25E-09	-6.15	9.807447	-1.04E-01	998808	998931	NC_000007.13
cg24962827	3.90E-08	4.25E-09	-6.15	9.8071406	-1.06E-01	24262634	24262757	NC_000003.11
cg27194586	3.91E-08	4.26E-09	-6.15	9.8046768	-4.06E-02	52431306	52431429	NC_000012.11
cg00238283	3.91E-08	4.26E-09	-6.15	9.8045469	-1.16E-01	158059790	158059913	NC_000007.13
cg11692369	3.91E-08	4.27E-09	-6.15	9.8035409	-6.21E-02	54755880	54756003	NC_000008.10
cg20647467	3.91E-08	4.27E-09	-6.15	9.8032796	-4.82E-02	121944705	121944828	NC_000007.13
cg00856336	3.92E-08	4.27E-09	-6.15	9.8024056	-1.41E-01	169399760	169399883	NC_000006.11
cg27049201	3.92E-08	4.27E-09	-6.15	9.8018463	-3.22E-02	128695169	128695292	NC_000007.13

cg06952715	3.92E-08	4.27E-09	-6.15	9.8017861	-1.01E-01	206804680	206804803	NC_000001.10
cg02306946	3.92E-08	4.28E-09	-6.15	9.8012753	-3.89E-02	105630036	105630159	NC_000012.11
cg03834116	3.92E-08	4.28E-09	-6.15	9.8007936	-1.27E-01	27403477	27403600	NC_000002.11
cg15888741	3.92E-08	4.28E-09	-6.15	9.8007791	-3.24E-02	15139207	15139330	NC_000010.10
cg13690280	3.92E-08	4.28E-09	-6.15	9.8003893	-1.45E-01	112562314	112562437	NC_000009.11
cg01767270	3.93E-08	4.28E-09	-6.15	9.7997931	-1.30E-01	121116386	121116509	NC_000002.11
cg02666105	3.93E-08	4.29E-09	-6.15	9.7987617	-2.82E-02	31724574	31724697	NC_000016.9
cg22532155	3.94E-08	4.29E-09	-6.15	9.7971415	-1.13E-01	79304683	79304806	NC_000017.10
cg08091707	3.94E-08	4.30E-09	-6.15	9.7963199	-1.27E-01	859554	859677	NC_000019.9
cg02453779	3.94E-08	4.30E-09	-6.15	9.7960929	-3.52E-02	105948520	105948643	NC_000011.9
cg16378003	3.94E-08	4.30E-09	-6.15	9.7947644	-1.01E-01	69776100	69776223	NC_000016.9
cg06719487	3.95E-08	4.31E-09	-6.15	9.7930741	-7.39E-02	10489962	10490085	NC_000001.10
cg17675199	3.96E-08	4.32E-09	-6.15	9.7919108	-6.06E-02	35436792	35436915	NC_000006.11
cg09892262	3.96E-08	4.32E-09	-6.15	9.7899905	-1.18E-01	31655654	31655777	NC_000021.8
cg10145640	3.96E-08	4.33E-09	-6.15	9.7898524	-6.05E-02	96656936	96657059	NC_000007.13
cg04867652	3.96E-08	4.33E-09	-6.15	9.7897428	-1.46E-01	75178514	75178637	NC_000017.10
cg17677848	3.97E-08	4.33E-09	-6.15	9.7878618	-7.40E-02	46166409	46166532	NC_000011.9
cg24013589	3.97E-08	4.34E-09	-6.15	9.7869908	-9.78E-02	65196222	65196345	NC_000011.9
cg20235871	3.97E-08	4.34E-09	-6.15	9.7869522	-9.78E-02	158047359	158047482	NC_000007.13
cg25310097	3.98E-08	4.34E-09	-6.15	9.7867338	-8.65E-02	86874205	86874328	NC_000004.11
cg26184687	3.98E-08	4.35E-09	-6.15	9.7850521	-6.03E-02	2042592	2042715	NC_000019.9
cg08761208	3.98E-08	4.35E-09	-6.15	9.7846023	-8.02E-02	65693289	65693412	NC_000015.9
cg14507845	3.99E-08	4.35E-09	-6.15	9.7838023	-8.20E-02	137418069	137418192	NC_000009.11
cg16700163	3.99E-08	4.35E-09	-6.15	9.7833286	-1.34E-01	85169956	85170079	NC_000016.9
cg11884546	4.00E-08	4.37E-09	-6.15	9.7803046	-4.02E-02	31366377	31366500	NC_000016.9

cg03580292	4.00E-08	4.37E-09	-6.15	9.7793575	-1.28E-01	174411723	174411846	NC_000004.11
cg05121182	4.00E-08	4.37E-09	-6.15	9.7793274	-1.31E-01	123812381	123812504	NC_000003.11
cg12700283	4.01E-08	4.38E-09	-6.15	9.7767542	-9.37E-02	76037035	76037158	NC_000017.10
cg24357503	4.02E-08	4.39E-09	-6.15	9.7762502	-1.32E-02	73975484	73975607	NC_000017.10
cg11075745	4.03E-08	4.40E-09	-6.15	9.7728781	-8.41E-02	43205976	43206099	NC_000001.10
cg18467133	4.03E-08	4.40E-09	-6.15	9.7724096	-3.26E-02	100661475	100661598	NC_000012.11
cg21163128	4.03E-08	4.40E-09	-6.15	9.7722691	-1.06E-01	62477362	62477485	NC_000011.9
cg09670128	4.03E-08	4.41E-09	-6.14	9.7716599	-8.26E-02	52627047	52627170	NC_000012.11
cg20943084	4.03E-08	4.41E-09	-6.14	9.7714869	-7.44E-02	140012769	140012892	NC_000005.9
cg02261541	4.04E-08	4.41E-09	-6.14	9.7709855	-5.34E-02	4050315	4050438	NC_000016.9
cg09230442	4.04E-08	4.41E-09	-6.14	9.770749	-6.18E-02	65809997	65810120	NC_000015.9
cg12243858	4.04E-08	4.41E-09	-6.14	9.7705101	-8.47E-02	149473178	149473301	NC_000007.13
cg15745817	4.04E-08	4.41E-09	-6.14	9.7704867	-9.93E-02	67799979	67800102	NC_000002.11
cg00727310	4.04E-08	4.41E-09	-6.14	9.7700112	-1.68E-01	227662704	227662827	NC_000002.11
cg01516737	4.04E-08	4.42E-09	-6.14	9.7694609	-1.14E-01	26209773	26209896	NC_000008.10
cg08717896	4.04E-08	4.42E-09	-6.14	9.7688883	-7.59E-02	27541913	27542036	NC_000010.10
cg09331986	4.05E-08	4.42E-09	-6.14	9.7687546	-1.55E-01	15411400	15411523	NC_000006.11
cg23007087	4.05E-08	4.42E-09	-6.14	9.768411	-1.12E-01	90380258	90380381	NC_000015.9
cg02620307	4.05E-08	4.42E-09	-6.14	9.7681912	-1.98E-02	161283965	161284088	NC_000001.10
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cg04473405	4.05E-08	4.43E-09	-6.14	9.7668553	-9.13E-02	52762005	52762128	NC_000012.11
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cg07113322	4.06E-08	4.44E-09	-6.14	9.764369	-2.49E-02	58034858	58034981	NC_000016.9
cg26636244	4.06E-08	4.44E-09	-6.14	9.7640676	-5.88E-02	102119729	102119852	NC_000007.13
cg06541857	4.07E-08	4.44E-09	-6.14	9.7633822	-5.98E-02	134203789	134203912	NC_000003.11

cg00651016	4.07E-08	4.45E-09	-6.14	9.7630579	-1.57E-01	552754	552877	NC_000016.9
cg18170784	4.07E-08	4.45E-09	-6.14	9.7627985	-3.13E-02	71114262	71114385	NC_000003.11
cg17740140	4.07E-08	4.45E-09	-6.14	9.7624574	-1.41E-01	39659249	39659372	NC_000020.10
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cg14030055	4.07E-08	4.45E-09	-6.14	9.7610794	-1.56E-01	22006851	22006974	NC_000022.10
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cg01338634	4.09E-08	4.47E-09	-6.14	9.7570191	-4.35E-02	73748364	73748487	NC_000007.13
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cg02809611	4.09E-08	4.48E-09	-6.14	9.7561357	-9.69E-02	3253368	3253491	NC_000016.9
cg12927753	4.10E-08	4.48E-09	-6.14	9.7551847	-9.95E-02	160823392	160823515	NC_000003.11
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cg08402572	4.12E-08	4.51E-09	-6.14	9.7493718	-5.20E-02	97510201	97510324	NC_000002.11
cg24023487	4.12E-08	4.51E-09	-6.14	9.7482289	-1.20E-01	12988727	12988850	NC_000020.10
cg07869667	4.12E-08	4.51E-09	-6.14	9.7481357	-1.21E-02	145133475	145133598	NC_000008.10
cg12585923	4.13E-08	4.52E-09	-6.14	9.7477032	-9.89E-02	42756876	42756999	NC_000005.9
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cg20012885	4.14E-08	4.53E-09	-6.14	9.7450549	-5.62E-02	12377404	12377527	NC_000018.9
cg02632200	4.14E-08	4.53E-09	-6.14	9.744859	-7.34E-02	46971658	46971781	NC_000010.10
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cg13420934	4.16E-08	4.55E-09	-6.14	9.7395566	-7.64E-02	3088823	3088946	NC_000006.11
cg10103000	4.16E-08	4.55E-09	-6.14	9.7394167	-1.22E-01	187609278	187609401	NC_000001.10
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cg10825315	4.18E-08	4.58E-09	-6.14	9.7344667	-1.30E-01	81425912	81426035	NC_000014.8
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cg00458681	4.19E-08	4.59E-09	-6.14	9.7322919	-1.38E-01	19010419	19010542	NC_000022.10
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cg08097086	4.19E-08	4.59E-09	-6.14	9.7318662	-1.13E-01	75868279	75868402	NC_000007.13
cg05912212	4.19E-08	4.59E-09	-6.14	9.7316845	-1.24E-01	119622531	119622654	NC_000011.9
cg07709155	4.19E-08	4.59E-09	-6.14	9.7315964	-9.08E-02	2186975	2187098	NC_000008.10

cg09909069	4.19E-08	4.59E-09	-6.14	9.7314566	-9.81E-02	41860793	41860916	NC_000013.10
cg26666029	4.20E-08	4.60E-09	-6.14	9.729759	-3.36E-02	145027741	145027864	NC_000008.10
cg17141902	4.20E-08	4.60E-09	-6.14	9.7290525	-9.71E-02	95897216	95897339	NC_000009.11
cg13484467	4.20E-08	4.61E-09	-6.14	9.7279355	-1.02E-01	81047784	81047907	NC_000017.10
cg02452732	4.20E-08	4.61E-09	-6.14	9.7278978	-1.23E-01	41158611	41158734	NC_000017.10
cg13303229	4.20E-08	4.61E-09	-6.14	9.7278022	-2.68E-02	154136254	154136377	NC_000005.9
cg26797722	4.21E-08	4.61E-09	-6.14	9.7276094	-1.19E-01	15432551	15432674	NC_000006.11
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cg01374729	4.23E-08	4.64E-09	-6.14	9.7210315	-3.08E-02	159420963	159421086	NC_000006.11
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cg08773226	4.25E-08	4.66E-09	-6.13	9.7169254	-1.28E-01	135061398	135061521	NC_000006.11

cg04871726	4.25E-08	4.66E-09	-6.13	9.7164694	-1.21E-01	25348828	25348951	NC_000001.10
cg08075719	4.25E-08	4.66E-09	-6.13	9.7160914	-1.02E-01	103021372	103021495	NC_000014.8
cg01076970	4.26E-08	4.67E-09	-6.13	9.7142808	-9.06E-02	180455248	180455371	NC_000005.9
cg13578652	4.26E-08	4.67E-09	-6.13	9.7140024	-1.19E-01	43823863	43823986	NC_000021.8
cg03874568	4.26E-08	4.68E-09	-6.13	9.713304	-4.23E-02	74667923	74668046	NC_000017.10
cg02639294	4.27E-08	4.68E-09	-6.13	9.7127708	-3.60E-02	30406318	30406441	NC_000016.9
cg02084811	4.27E-08	4.68E-09	-6.13	9.7124028	-2.40E-02	49524778	49524901	NC_000012.11
cg01357116	4.27E-08	4.68E-09	-6.13	9.7120893	-4.32E-02	94749496	94749619	NC_000004.11
cg19774782	4.28E-08	4.70E-09	-6.13	9.7089224	-9.03E-02	123909356	123909479	NC_000010.10
cg11012584	4.28E-08	4.70E-09	-6.13	9.7088219	-7.63E-02	242549943	242550066	NC_000002.11
cg21829420	4.28E-08	4.70E-09	-6.13	9.7083881	-5.38E-02	10277058	10277181	NC_000017.10
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cg11781421	4.29E-08	4.71E-09	-6.13	9.7061243	-1.20E-01	19367084	19367207	NC_000019.9
cg12805374	4.29E-08	4.71E-09	-6.13	9.7055738	-1.22E-01	43306622	43306745	NC_000017.10
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cg11898431	4.33E-08	4.76E-09	-6.13	9.6957253	-1.42E-01	159331893	159332016	NC_000006.11

cg05744888	4.34E-08	4.76E-09	-6.13	9.6954211	-1.06E-01	141588118	141588241	NC_000008.10
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cg11772193	4.36E-08	4.79E-09	-6.13	9.6899309	-1.08E-01	1471691	1471814	NC_000011.9
cg17843066	4.36E-08	4.80E-09	-6.13	9.6890943	-1.18E-01	84761826	84761949	NC_000001.10
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cg14120215	4.37E-08	4.81E-09	-6.13	9.6870618	-1.07E-01	113841668	113841791	NC_000012.11
cg03138091	4.37E-08	4.81E-09	-6.13	9.6869466	-7.61E-02	38846540	38846663	NC_000005.9
cg13391607	4.37E-08	4.81E-09	-6.13	9.6864432	-6.14E-02	81718493	81718616	NC_000009.11
cg10327067	4.37E-08	4.81E-09	-6.13	9.6863861	-1.07E-01	37549202	37549325	NC_000008.10
cg19358520	4.37E-08	4.81E-09	-6.13	9.6863556	-1.29E-01	62744209	62744332	NC_000011.9
cg15156712	4.38E-08	4.81E-09	-6.13	9.685955	-8.36E-02	54362886	54363009	NC_000001.10
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cg20895785	4.38E-08	4.82E-09	-6.13	9.6846636	-2.57E-02	89840850	89840973	NC_000007.13
cg12243453	4.38E-08	4.82E-09	-6.13	9.6846156	-1.23E-01	113775400	113775523	NC_000011.9
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cg07202320	4.39E-08	4.83E-09	-6.13	9.6823351	-7.12E-02	181149323	181149446	NC_000001.10
cg10334489	4.39E-08	4.83E-09	-6.13	9.6820369	-1.05E-01	25798878	25799001	NC_000017.10
cg23411876	4.39E-08	4.83E-09	-6.13	9.6817094	-2.13E-02	140396886	140397009	NC_000007.13
cg05971592	4.39E-08	4.83E-09	-6.13	9.6813771	-1.46E-01	64895105	64895228	NC_000003.11
cg10591064	4.39E-08	4.83E-09	-6.13	9.6812338	-2.04E-02	203296928	203297051	NC_000001.10

cg13442820	4.40E-08	4.84E-09	-6.13	9.680765	-1.78E-02	1672531	1672654	NC_000019.9
cg27113440	4.40E-08	4.84E-09	-6.13	9.6806184	-5.02E-02	22214386	22214509	NC_000011.9
cg05241157	4.40E-08	4.84E-09	-6.13	9.6803232	-6.67E-02	17354674	17354797	NC_000005.9
cg01647204	4.40E-08	4.84E-09	-6.13	9.6802715	-1.24E-01	100883459	100883582	NC_000014.8
cg17463698	4.40E-08	4.84E-09	-6.13	9.6798565	-1.30E-01	83477712	83477835	NC_000015.9
cg05902884	4.40E-08	4.84E-09	-6.13	9.6791891	-6.94E-02	183543862	183543985	NC_000003.11
cg22941178	4.41E-08	4.85E-09	-6.13	9.678601	-1.00E-01	45233585	45233708	NC_000021.8
cg04129548	4.41E-08	4.85E-09	-6.13	9.6785171	-1.79E-01	227662083	227662206	NC_000002.11
cg06411479	4.41E-08	4.85E-09	-6.13	9.6771049	-4.01E-02	6272229	6272352	NC_000004.11
cg26505663	4.41E-08	4.86E-09	-6.13	9.676716	-6.90E-02	57999151	57999274	NC_000015.9
cg12449931	4.41E-08	4.86E-09	-6.13	9.676296	-5.40E-02	30688637	30688760	NC_000006.11
cg09103291	4.43E-08	4.87E-09	-6.13	9.6729839	-1.17E-01	90035514	90035637	NC_000015.9
cg13329242	4.43E-08	4.88E-09	-6.13	9.6724339	-1.19E-01	117382759	117382882	NC_000011.9
cg23047544	4.43E-08	4.88E-09	-6.13	9.6723501	-8.91E-02	10928211	10928334	NC_000019.9
cg00917471	4.43E-08	4.88E-09	-6.13	9.6721412	-1.35E-01	43228316	43228439	NC_000001.10
cg09567048	4.43E-08	4.88E-09	-6.13	9.6720545	-1.24E-01	46456880	46457003	NC_000002.11
ch.16.9041202R	4.44E-08	4.88E-09	-6.13	9.6713578	-5.48E-02	9133701	9133824	NC_000016.9
cg03677492	4.44E-08	4.88E-09	-6.13	9.6712356	-1.13E-01	80273969	80274092	NC_000017.10
cg05346256	4.44E-08	4.89E-09	-6.13	9.670683	-1.71E-01	25959372	25959495	NC_000012.11
cg14044426	4.44E-08	4.89E-09	-6.13	9.6703416	-1.13E-01	32160798	32160921	NC_000006.11
cg02481256	4.44E-08	4.89E-09	-6.13	9.6701097	-7.30E-02	11465868	11465991	NC_000019.9
ch.9.93373462R	4.44E-08	4.89E-09	-6.13	9.6695985	-8.45E-03	94333641	94333764	NC_000009.11
cg21985132	4.44E-08	4.89E-09	-6.13	9.669355	-5.77E-02	42086626	42086749	NC_000020.10
cg12590521	4.44E-08	4.89E-09	-6.13	9.6690808	-1.11E-01	121678474	121678597	NC_000012.11
cg05087309	4.45E-08	4.90E-09	-6.12	9.6683489	-7.81E-02	53088738	53088861	NC_000016.9

cg20024403	4.45E-08	4.90E-09	-6.12	9.6676312	-6.75E-02	81039326	81039449	NC_000017.10
cg13670615	4.45E-08	4.90E-09	-6.12	9.6676068	-3.72E-02	49140625	49140748	NC_000019.9
cg24867665	4.45E-08	4.91E-09	-6.12	9.666804	-1.14E-01	13546094	13546217	NC_000010.10
cg23357789	4.46E-08	4.91E-09	-6.12	9.6666081	-9.74E-02	848026	848149	NC_000019.9
cg03589557	4.46E-08	4.91E-09	-6.12	9.6664717	-3.46E-02	71164283	71164406	NC_000011.9
cg19430423	4.46E-08	4.91E-09	-6.12	9.6652635	-1.04E-01	41702153	41702276	NC_000019.9
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cg16801954	4.47E-08	4.92E-09	-6.12	9.664163	-1.16E-01	36916123	36916246	NC_000006.11
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cg23493751	4.47E-08	4.93E-09	-6.12	9.6626349	-7.29E-02	46204787	46204910	NC_000003.11
cg13647382	4.47E-08	4.93E-09	-6.12	9.6625416	-1.29E-01	75912547	75912670	NC_000006.11
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cg04230403	4.49E-08	4.95E-09	-6.12	9.6588203	-1.73E-02	90750176	90750299	NC_000010.10
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cg19502700	4.50E-08	4.96E-09	-6.12	9.6557611	-4.24E-02	113558183	113558306	NC_000004.11
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cg11981599	4.51E-08	4.97E-09	-6.12	9.6540678	-9.59E-02	11566526	11566649	NC_000008.10
cg26227592	4.52E-08	4.98E-09	-6.12	9.6525477	-9.30E-02	41313786	41313909	NC_000019.9
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cg13121938	4.52E-08	4.99E-09	-6.12	9.6510917	-7.21E-02	114871497	114871620	NC_000013.10
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cg05986067	4.52E-08	4.99E-09	-6.12	9.650931	-1.20E-01	184908573	184908696	NC_000004.11
cg24565274	4.52E-08	4.99E-09	-6.12	9.6508923	-1.56E-01	19736253	19736376	NC_000011.9
cg12961926	4.52E-08	4.99E-09	-6.12	9.6508875	-9.13E-02	80839300	80839423	NC_000017.10
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cg27621513	4.54E-08	5.01E-09	-6.12	9.6458561	-1.10E-01	118658343	118658466	NC_000005.9
cg14233838	4.55E-08	5.02E-09	-6.12	9.6450428	-1.54E-01	139548425	139548548	NC_000009.11
cg21288861	4.55E-08	5.02E-09	-6.12	9.6444099	-7.35E-02	45331061	45331184	NC_000017.10
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cg14584448	4.58E-08	5.06E-09	-6.12	9.636855	-4.39E-02	160918900	160919023	NC_000002.11
cg04093381	4.58E-08	5.06E-09	-6.12	9.6362927	-1.18E-01	9292094	9292217	NC_000001.10
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cg08656816	4.61E-08	5.09E-09	-6.12	9.6299345	-1.52E-01	34207454	34207577	NC_000017.10
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cg21341435	4.62E-08	5.10E-09	-6.12	9.6280883	-1.27E-01	157638259	157638382	NC_000007.13
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cg13204236	4.62E-08	5.11E-09	-6.12	9.6275462	-1.28E-01	47476732	47476855	NC_000002.11
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cg18444544	4.64E-08	5.12E-09	-6.12	9.6244021	-1.26E-01	22852741	22852864	NC_000008.10
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cg20945738	4.65E-08	5.14E-09	-6.12	9.6207511	-9.33E-02	108922032	108922155	NC_000013.10
cg03474926	4.66E-08	5.15E-09	-6.12	9.6202496	-6.53E-02	136023407	136023530	NC_000009.11
cg13227105	4.66E-08	5.15E-09	-6.12	9.6197897	-3.87E-02	59489041	59489164	NC_000017.10
cg23418510	4.66E-08	5.15E-09	-6.12	9.6196878	-1.23E-01	25240660	25240783	NC_000010.10
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cg10922232	4.66E-08	5.15E-09	-6.12	9.6194867	-1.01E-01	73238491	73238614	NC_000017.10
cg14769570	4.66E-08	5.15E-09	-6.12	9.6194437	-5.13E-02	101546814	101546937	NC_000003.11
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cg00110695	4.67E-08	5.16E-09	-6.12	9.6178923	-5.25E-02	99358736	99358859	NC_000006.11
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cg05812171	4.67E-08	5.16E-09	-6.12	9.6174564	-3.55E-02	100557958	100558081	NC_000011.9
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cg17925829	4.67E-08	5.17E-09	-6.11	9.6162186	-9.13E-02	36399328	36399451	NC_000019.9
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cg27085488	4.68E-08	5.17E-09	-6.11	9.6153773	-1.40E-01	60541865	60541988	NC_000005.9
cg15153264	4.68E-08	5.17E-09	-6.11	9.6151714	-6.23E-02	65169511	65169634	NC_000010.10
cg15163040	4.68E-08	5.18E-09	-6.11	9.6145426	-2.20E-02	167813423	167813546	NC_000003.11
cg06837799	4.68E-08	5.18E-09	-6.11	9.6139174	-1.34E-01	27160960	27161083	NC_000007.13
cg05911100	4.68E-08	5.18E-09	-6.11	9.6136565	-9.65E-02	8333192	8333315	NC_000012.11
cg24396566	4.69E-08	5.18E-09	-6.11	9.6132084	-5.00E-02	52904500	52904623	NC_000004.11
cg10700459	4.69E-08	5.19E-09	-6.11	9.611962	-9.89E-02	30231675	30231798	NC_000006.11
cg07755760	4.69E-08	5.19E-09	-6.11	9.6117216	-1.01E-01	196943586	196943709	NC_000003.11
cg00286214	4.69E-08	5.19E-09	-6.11	9.6114986	-3.22E-02	2771425	2771548	NC_000016.9
cg00256374	4.69E-08	5.19E-09	-6.11	9.6112616	-2.82E-02	1383699	1383822	NC_000019.9
cg02828016	4.70E-08	5.20E-09	-6.11	9.6107092	-2.45E-02	24646676	24646799	NC_000006.11
cg19541916	4.70E-08	5.20E-09	-6.11	9.6100031	-1.69E-01	19674105	19674228	NC_000002.11
cg20954708	4.70E-08	5.20E-09	-6.11	9.6097829	-2.23E-02	147525710	147525833	NC_000006.11
cg02000275	4.70E-08	5.20E-09	-6.11	9.6096541	-1.79E-01	34488059	34488182	NC_000014.8
cg07707817	4.71E-08	5.21E-09	-6.11	9.6086477	-9.64E-02	121285706	121285829	NC_000003.11
cg03479657	4.71E-08	5.21E-09	-6.11	9.6085425	-2.38E-02	85108429	85108552	NC_000002.11
cg21415060	4.71E-08	5.21E-09	-6.11	9.608071	-1.01E-01	159277295	159277418	NC_000001.10
ch.14.564806R	4.71E-08	5.21E-09	-6.11	9.6075761	-4.03E-02	50890364	50890487	NC_000014.8
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cg16297530	4.71E-08	5.21E-09	-6.11	9.6071796	-7.75E-02	93509658	93509781	NC_000010.10
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cg24955895	4.72E-08	5.22E-09	-6.11	9.6057199	-1.01E-01	25425923	25426046	NC_000001.10
cg08818716	4.72E-08	5.22E-09	-6.11	9.6053289	-8.50E-02	4876909	4877032	NC_000007.13

cg04275506	4.72E-08	5.22E-09	-6.11	9.6052495	-1.21E-01	12445337	12445460	NC_000001.10
cg06631222	4.73E-08	5.23E-09	-6.11	9.6039467	-8.17E-02	809476	809599	NC_000016.9
cg05209515	4.73E-08	5.23E-09	-6.11	9.6038624	-1.03E-01	37585549	37585672	NC_000022.10
cg20156116	4.73E-08	5.24E-09	-6.11	9.6031028	-1.02E-01	156699437	156699560	NC_000001.10
cg18145189	4.73E-08	5.24E-09	-6.11	9.6030382	-4.18E-02	66137134	66137257	NC_000011.9
cg13378865	4.73E-08	5.24E-09	-6.11	9.6030218	-1.68E-02	26660005	26660128	NC_000006.11
cg05890550	4.73E-08	5.24E-09	-6.11	9.6024489	-1.03E-01	2699706	2699829	NC_000017.10
cg13512859	4.74E-08	5.24E-09	-6.11	9.6017166	-9.00E-02	140127379	140127502	NC_000009.11
cg10339593	4.74E-08	5.25E-09	-6.11	9.6004169	-4.92E-02	48442688	48442811	NC_000019.9
cg04509526	4.75E-08	5.25E-09	-6.11	9.5998655	-1.22E-01	87679579	87679702	NC_000016.9
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cg03330168	4.75E-08	5.26E-09	-6.11	9.5978595	-7.33E-02	9382066	9382189	NC_000004.11
cg24747122	4.76E-08	5.27E-09	-6.11	9.5970548	-1.32E-01	63053929	63054052	NC_000017.10
cg01076217	4.76E-08	5.27E-09	-6.11	9.5968383	-1.22E-01	137364811	137364934	NC_000006.11
cg01099220	4.76E-08	5.27E-09	-6.11	9.5966866	-1.18E-01	145747659	145747782	NC_000008.10
cg09115607	4.76E-08	5.27E-09	-6.11	9.5963851	-1.09E-01	2442958	2443081	NC_000005.9
cg15977002	4.76E-08	5.27E-09	-6.11	9.5963103	-1.18E-01	1418294	1418417	NC_000002.11
cg10461261	4.76E-08	5.27E-09	-6.11	9.5962103	-1.13E-01	78109450	78109573	NC_000015.9
cg09371693	4.77E-08	5.28E-09	-6.11	9.5943136	-3.37E-02	57855541	57855664	NC_000012.11
cg04111054	4.77E-08	5.29E-09	-6.11	9.5936013	-1.17E-01	131400334	131400457	NC_000004.11
cg09688127	4.78E-08	5.29E-09	-6.11	9.5928536	-1.68E-01	93770794	93770917	NC_000012.11
cg09716613	4.78E-08	5.29E-09	-6.11	9.5927145	-1.50E-01	33000534	33000657	NC_000013.10
cg11398451	4.79E-08	5.30E-09	-6.11	9.5906897	-6.26E-02	91136069	91136192	NC_000015.9
cg04833713	4.79E-08	5.31E-09	-6.11	9.5890151	-1.34E-01	74871078	74871201	NC_000010.10
cg18865445	4.80E-08	5.31E-09	-6.11	9.588937	-1.26E-01	110522265	110522388	NC_000013.10

cg05076755	4.80E-08	5.31E-09	-6.11	9.5886672	-1.19E-01	76381148	76381271	NC_000011.9
cg02975505	4.80E-08	5.32E-09	-6.11	9.5878212	-6.40E-02	36625168	36625291	NC_000001.10
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cg24321774	4.81E-08	5.33E-09	-6.11	9.5858866	-4.69E-02	27193835	27193958	NC_000002.11
cg00401972	4.81E-08	5.33E-09	-6.11	9.5852602	-1.08E-01	66400404	66400527	NC_000016.9
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cg01173978	4.82E-08	5.34E-09	-6.11	9.5844805	-1.33E-01	14097192	14097315	NC_000016.9
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cg25951811	4.82E-08	5.34E-09	-6.11	9.5835919	-3.96E-02	96858416	96858539	NC_000014.8
cg21963318	4.82E-08	5.35E-09	-6.11	9.5826054	-5.90E-02	85832920	85833043	NC_000016.9
cg27317017	4.83E-08	5.35E-09	-6.11	9.5818997	-7.59E-02	573146	573269	NC_000007.13
cg16619193	4.83E-08	5.36E-09	-6.11	9.5811732	-6.69E-02	206643301	206643424	NC_000001.10
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cg27649653	4.83E-08	5.36E-09	-6.11	9.5806404	-6.92E-02	58789751	58789874	NC_000019.9
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cg14753355	4.83E-08	5.36E-09	-6.11	9.5804103	-1.58E-01	16999668	16999791	NC_000019.9
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cg09503566	4.84E-08	5.37E-09	-6.11	9.5786668	-1.16E-01	15907489	15907612	NC_000004.11
cg01245356	4.85E-08	5.38E-09	-6.11	9.5775145	-5.62E-02	28559620	28559743	NC_000001.10
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cg06613203	4.85E-08	5.38E-09	-6.11	9.5768895	-1.64E-02	50143480	50143603	NC_000019.9
cg14793844	4.85E-08	5.38E-09	-6.11	9.5766223	-1.42E-01	100516880	100517003	NC_000002.11

cg10486610	4.86E-08	5.39E-09	-6.11	9.575003	-7.47E-02	61298677	61298800	NC_000020.10
cg25640892	4.86E-08	5.39E-09	-6.11	9.5749788	-2.85E-02	84743294	84743417	NC_000006.11
cg07712243	4.87E-08	5.40E-09	-6.11	9.5737008	-2.97E-02	6279561	6279684	NC_000019.9
cg25137372	4.87E-08	5.40E-09	-6.11	9.5729956	-8.05E-02	96390059	96390182	NC_000012.11
cg27509306	4.88E-08	5.41E-09	-6.11	9.5705969	-1.95E-02	510604	510727	NC_000012.11
cg19054708	4.89E-08	5.42E-09	-6.11	9.569526	-1.48E-02	133405370	133405493	NC_000012.11
cg18949409	4.89E-08	5.43E-09	-6.11	9.5683834	-2.55E-02	197036502	197036625	NC_000002.11
cg08313168	4.89E-08	5.43E-09	-6.11	9.5683382	-6.45E-02	7315531	7315654	NC_000012.11
cg20450058	4.89E-08	5.43E-09	-6.11	9.5680166	-1.30E-01	111152708	111152831	NC_000013.10
cg04396112	4.89E-08	5.43E-09	-6.11	9.5675754	-1.61E-01	2151007	2151130	NC_000007.13
cg09501282	4.90E-08	5.43E-09	-6.11	9.5671638	-1.18E-01	88267863	88267986	NC_000016.9
cg01845356	4.90E-08	5.44E-09	-6.11	9.5665932	-1.00E-01	113898568	113898691	NC_000003.11
cg16588073	4.90E-08	5.44E-09	-6.11	9.5661788	-5.23E-02	156647247	156647370	NC_000001.10
ch.4.1478851R	4.91E-08	5.44E-09	-6.1	9.5650238	-1.47E-02	76739356	76739479	NC_000004.11
cg13580749	4.91E-08	5.45E-09	-6.1	9.5645962	-1.48E-01	102181570	102181693	NC_000009.11
cg17452615	4.91E-08	5.45E-09	-6.1	9.5634907	-1.52E-01	122019080	122019203	NC_000012.11
cg26743024	4.92E-08	5.46E-09	-6.1	9.5628599	-8.69E-02	64960282	64960405	NC_000017.10
cg12210527	4.92E-08	5.46E-09	-6.1	9.5622843	-6.22E-02	121790694	121790817	NC_000012.11
cg03600516	4.92E-08	5.46E-09	-6.1	9.5622313	-3.34E-02	14581651	14581774	NC_000005.9
ch.18.807506F	4.92E-08	5.46E-09	-6.1	9.5617672	-4.42E-02	42170111	42170234	NC_000018.9
cg19257979	4.92E-08	5.46E-09	-6.1	9.5616025	-2.53E-02	37101387	37101510	NC_000020.10
cg00325920	4.92E-08	5.46E-09	-6.1	9.5615769	-7.53E-02	61776005	61776128	NC_000003.11
cg00364457	4.92E-08	5.46E-09	-6.1	9.5614739	-8.50E-02	38608738	38608861	NC_000006.11
cg04314555	4.93E-08	5.47E-09	-6.1	9.5606688	-4.28E-02	84652472	84652595	NC_000016.9
cg21583565	4.93E-08	5.47E-09	-6.1	9.5597586	-6.26E-02	174219336	174219459	NC_000002.11

cg06675531	4.93E-08	5.47E-09	-6.1	9.5596073	-1.10E-01	150019123	150019246	NC_000005.9
cg00183639	4.94E-08	5.48E-09	-6.1	9.5581986	-1.29E-01	47834055	47834178	NC_000020.10
cg05980111	4.94E-08	5.48E-09	-6.1	9.5581616	-9.21E-02	124395277	124395400	NC_000003.11
cg01737507	4.94E-08	5.48E-09	-6.1	9.5578319	-5.82E-02	122372093	122372216	NC_000005.9
cg04612198	4.95E-08	5.49E-09	-6.1	9.5562451	-6.18E-02	61880024	61880147	NC_000011.9
cg00068810	4.95E-08	5.50E-09	-6.1	9.5551158	-6.15E-02	75857963	75858086	NC_000004.11
cg24532669	4.96E-08	5.50E-09	-6.1	9.5544602	-1.85E-02	66112147	66112270	NC_000011.9
cg00169897	4.97E-08	5.52E-09	-6.1	9.5512554	-1.26E-01	89098782	89098905	NC_000016.9
cg04308589	4.97E-08	5.52E-09	-6.1	9.5511416	-1.50E-01	79110881	79111004	NC_000010.10
cg07580831	4.97E-08	5.52E-09	-6.1	9.5507715	-1.18E-01	79385573	79385696	NC_000002.11
cg14002950	4.98E-08	5.53E-09	-6.1	9.5496928	-3.19E-02	65245129	65245252	NC_000011.9
cg22691336	4.98E-08	5.53E-09	-6.1	9.5496511	-7.86E-02	1292638	1292761	NC_000001.10
cg10088041	4.98E-08	5.54E-09	-6.1	9.5486059	-9.45E-02	45670872	45670995	NC_000015.9
cg12715285	4.99E-08	5.54E-09	-6.1	9.5477319	-1.61E-01	3504125	3504248	NC_000001.10
cg15624624	4.99E-08	5.54E-09	-6.1	9.5474475	-1.03E-01	114819357	114819480	NC_000010.10
ch.14.1783623F	4.99E-08	5.55E-09	-6.1	9.5467485	-4.98E-02	103166835	103166958	NC_000014.8
cg17974515	4.99E-08	5.55E-09	-6.1	9.546583	-1.05E-01	2252516	2252639	NC_000001.10
cg17266431	4.99E-08	5.55E-09	-6.1	9.5464101	-1.06E-01	1711069	1711192	NC_000001.10
cg11135108	5.00E-08	5.55E-09	-6.1	9.5460755	-1.18E-01	154929791	154929914	NC_000001.10
cg24496614	5.00E-08	5.55E-09	-6.1	9.5459147	-6.05E-02	61735970	61736093	NC_000011.9
cg25735922	5.00E-08	5.55E-09	-6.1	9.5458414	-5.24E-02	76432800	76432923	NC_000011.9
cg22262704	5.00E-08	5.55E-09	-6.1	9.5453902	-9.44E-02	23861280	23861403	NC_000020.10
cg12163545	5.00E-08	5.56E-09	-6.1	9.5447084	-4.67E-02	1755338	1755461	NC_000019.9
cg26618058	5.01E-08	5.57E-09	-6.1	9.5432921	-1.69E-01	118022239	118022362	NC_000012.11
cg06329143	5.01E-08	5.57E-09	-6.1	9.5428857	-5.49E-02	48556512	48556635	NC_000018.9

cg11680855	5.02E-08	5.58E-09	-6.1	9.5412651	-3.47E-02	54694179	54694302	NC_000019.9
cg25591451	5.02E-08	5.58E-09	-6.1	9.5405397	-1.12E-01	99517509	99517632	NC_000007.13
cg03549739	5.03E-08	5.59E-09	-6.1	9.5387154	-1.25E-01	86163631	86163754	NC_000002.11
cg00637688	5.04E-08	5.61E-09	-6.1	9.5365038	-5.23E-02	135170000	135170123	NC_000005.9
cg24514773	5.05E-08	5.61E-09	-6.1	9.5358949	-8.38E-02	119421604	119421727	NC_000003.11
cg18291422	5.06E-08	5.62E-09	-6.1	9.5337283	-9.58E-02	147171560	147171683	NC_000006.11
cg11251378	5.06E-08	5.63E-09	-6.1	9.5331328	-4.30E-02	179344870	179344993	NC_000002.11
cg13090671	5.07E-08	5.63E-09	-6.1	9.5317513	-4.42E-02	31431002	31431125	NC_000006.11
cg16847428	5.07E-08	5.64E-09	-6.1	9.53004	-1.13E-01	26095438	26095561	NC_000004.11
cg22341848	5.08E-08	5.65E-09	-6.1	9.5289962	-9.51E-02	24106359	24106482	NC_000001.10
cg23449122	5.08E-08	5.65E-09	-6.1	9.528791	-9.61E-02	2337492	2337615	NC_000008.10
cg15000071	5.08E-08	5.65E-09	-6.1	9.5285794	-8.91E-02	134889493	134889616	NC_000003.11
cg03172717	5.09E-08	5.66E-09	-6.1	9.5273874	-4.94E-02	51565268	51565391	NC_000010.10
cg20333067	5.09E-08	5.66E-09	-6.1	9.5267489	-6.05E-02	30676942	30677065	NC_000017.10
cg14515791	5.09E-08	5.66E-09	-6.1	9.5264048	-1.21E-01	178310545	178310668	NC_000001.10
cg01375285	5.10E-08	5.67E-09	-6.1	9.5248199	-6.05E-02	85843044	85843167	NC_000002.11
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cg00007426	5.10E-08	5.68E-09	-6.1	9.5239572	-1.18E-01	240404782	240404905	NC_000002.11
cg06964027	5.11E-08	5.69E-09	-6.1	9.5227613	-6.74E-02	1073496	1073619	NC_000011.9
cg01882150	5.11E-08	5.69E-09	-6.1	9.5222517	-3.09E-02	63933998	63934121	NC_000011.9
cg11353064	5.11E-08	5.69E-09	-6.1	9.5219004	-2.91E-02	57472281	57472404	NC_000012.11
cg21515113	5.11E-08	5.69E-09	-6.1	9.5216826	-1.26E-01	185676537	185676660	NC_000003.11
cg10378348	5.12E-08	5.70E-09	-6.1	9.5209747	-1.24E-01	6244619	6244742	NC_000001.10
cg17651095	5.12E-08	5.70E-09	-6.1	9.5200248	-3.84E-02	93220812	93220935	NC_000007.13
cg16574065	5.13E-08	5.71E-09	-6.1	9.519243	-3.87E-02	34257726	34257849	NC_000017.10

cg01992990	5.13E-08	5.71E-09	-6.1	9.5180533	-2.09E-02	202780680	202780803	NC_000001.10
cg13464990	5.13E-08	5.71E-09	-6.1	9.5177635	-1.80E-02	135421719	135421842	NC_000009.11
cg21577036	5.13E-08	5.71E-09	-6.1	9.5177344	-9.86E-02	90844799	90844922	NC_000015.9
cg15617699	5.14E-08	5.72E-09	-6.1	9.5173816	-4.18E-02	38538063	38538186	NC_000003.11
cg09011732	5.14E-08	5.72E-09	-6.1	9.5173012	-6.71E-02	74730507	74730630	NC_000002.11
cg26901111	5.14E-08	5.72E-09	-6.1	9.5163436	-7.05E-02	12251917	12252040	NC_000019.9
cg08074162	5.14E-08	5.72E-09	-6.1	9.5160821	-7.68E-02	98423431	98423554	NC_000002.11
cg00857998	5.15E-08	5.73E-09	-6.1	9.5153392	-4.08E-02	205179979	205180102	NC_000001.10
cg27113015	5.15E-08	5.73E-09	-6.1	9.5150382	-1.11E-01	148829044	148829167	NC_000006.11
cg03168249	5.15E-08	5.73E-09	-6.1	9.5149738	-3.51E-02	102822423	102822546	NC_000010.10
cg17590710	5.15E-08	5.73E-09	-6.1	9.5148116	-9.92E-02	177740069	177740192	NC_000005.9
cg04737185	5.16E-08	5.74E-09	-6.09	9.5132107	-1.07E-01	1445041	1445164	NC_000011.9
cg22464548	5.16E-08	5.75E-09	-6.09	9.512237	-4.88E-02	185000648	185000771	NC_000003.11
cg08507571	5.16E-08	5.75E-09	-6.09	9.5117854	-1.05E-01	7575543	7575666	NC_000007.13
cg00152838	5.17E-08	5.76E-09	-6.09	9.5097939	-5.66E-02	24741724	24741847	NC_000016.9
cg10832714	5.17E-08	5.76E-09	-6.09	9.5097186	-1.18E-01	70901437	70901560	NC_000012.11
cg13019844	5.17E-08	5.76E-09	-6.09	9.5096076	-7.52E-02	170589897	170590020	NC_000006.11
cg23834228	5.18E-08	5.77E-09	-6.09	9.5086712	-2.62E-02	73358657	73358780	NC_000011.9
cg12108146	5.18E-08	5.77E-09	-6.09	9.5080726	-1.01E-01	144329866	144329989	NC_000008.10
cg18555073	5.18E-08	5.77E-09	-6.09	9.5074486	-1.15E-01	45002662	45002785	NC_000015.9
cg07411798	5.19E-08	5.78E-09	-6.09	9.5070264	-3.18E-02	33168516	33168639	NC_000006.11
cg04915618	5.19E-08	5.78E-09	-6.09	9.5070231	-1.35E-01	124304960	124305083	NC_000003.11
cg21216828	5.19E-08	5.78E-09	-6.09	9.5060807	-7.50E-02	15560076	15560199	NC_000019.9
cg26365847	5.19E-08	5.79E-09	-6.09	9.5054828	-1.01E-01	90921585	90921708	NC_000014.8
cg01642901	5.20E-08	5.79E-09	-6.09	9.5052423	-1.13E-01	170190012	170190135	NC_000004.11



cg05445490	5.20E-08	5.79E-09	-6.09	9.5051121	-1.08E-01	131893019	131893142	NC_000011.9
cg13582435	5.20E-08	5.79E-09	-6.09	9.5051027	-1.07E-01	53096481	53096604	NC_000015.9
cg05513583	5.20E-08	5.79E-09	-6.09	9.5050892	-1.07E-01	3829456	3829579	NC_000010.10
cg02364970	5.20E-08	5.80E-09	-6.09	9.5035962	-1.60E-01	77921375	77921498	NC_000017.10
cg06503573	5.20E-08	5.80E-09	-6.09	9.5035616	-8.36E-02	1949039	1949162	NC_000011.9
cg07820280	5.20E-08	5.80E-09	-6.09	9.5034671	-1.22E-01	6532571	6532694	NC_000001.10
cg01962105	5.20E-08	5.80E-09	-6.09	9.5034477	-2.74E-02	30181212	30181335	NC_000006.11
cg22676516	5.21E-08	5.80E-09	-6.09	9.5028005	-1.05E-01	157808983	157809106	NC_000007.13
cg09129563	5.21E-08	5.81E-09	-6.09	9.5020155	-3.13E-02	179198950	179199073	NC_000001.10
cg10085326	5.21E-08	5.81E-09	-6.09	9.5018244	-1.34E-01	102826680	102826803	NC_000011.9
cg08004073	5.21E-08	5.81E-09	-6.09	9.5015151	-1.82E-01	169377725	169377848	NC_000003.11
cg15554087	5.21E-08	5.81E-09	-6.09	9.5014172	-1.28E-01	8404216	8404339	NC_000001.10
cg23172057	5.22E-08	5.81E-09	-6.09	9.500772	-1.01E-01	113800351	113800474	NC_000013.10
cg23382741	5.22E-08	5.82E-09	-6.09	9.5005345	-1.36E-01	41121320	41121443	NC_000015.9
cg03807883	5.22E-08	5.82E-09	-6.09	9.5001714	-9.24E-02	36535685	36535808	NC_000011.9
cg18079948	5.23E-08	5.83E-09	-6.09	9.4984551	-1.13E-01	20009221	20009344	NC_000010.10
cg13584882	5.23E-08	5.83E-09	-6.09	9.4983277	-1.28E-01	74836656	74836779	NC_000010.10
cg16600432	5.23E-08	5.83E-09	-6.09	9.4975847	-6.00E-02	64970085	64970208	NC_000014.8
cg13353879	5.24E-08	5.84E-09	-6.09	9.4965254	-4.95E-02	1012098	1012221	NC_000019.9
cg08740063	5.24E-08	5.84E-09	-6.09	9.4963051	-9.69E-02	51180192	51180315	NC_000012.11
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cg22889914	5.25E-08	5.85E-09	-6.09	9.4946675	-1.25E-01	99331332	99331455	NC_000010.10
cg02845997	5.25E-08	5.85E-09	-6.09	9.4945961	-5.49E-02	96631473	96631596	NC_000012.11
cg12957265	5.25E-08	5.85E-09	-6.09	9.4944814	-7.72E-02	57026014	57026137	NC_000015.9

cg26907472	5.25E-08	5.85E-09	-6.09	9.4940245	-1.05E-01	69006828	69006951	NC_000016.9
cg15030449	5.25E-08	5.86E-09	-6.09	9.4938694	-8.96E-02	2780395	2780518	NC_000001.10
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cg23658014	5.25E-08	5.86E-09	-6.09	9.4932687	-3.82E-02	185827776	185827899	NC_000003.11
cg07817967	5.26E-08	5.87E-09	-6.09	9.4919329	-2.00E-01	184721222	184721345	NC_000001.10
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cg15609373	5.27E-08	5.88E-09	-6.09	9.4906241	-1.22E-01	41087721	41087844	NC_000005.9
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cg04478428	5.27E-08	5.88E-09	-6.09	9.4902808	-7.38E-02	61584072	61584195	NC_000020.10
cg24336718	5.27E-08	5.88E-09	-6.09	9.4901817	-3.53E-02	28283093	28283216	NC_000003.11
cg16122716	5.27E-08	5.88E-09	-6.09	9.4901367	-1.18E-01	206679959	206680082	NC_000001.10
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cg18542458	5.27E-08	5.88E-09	-6.09	9.4896951	-5.10E-02	82555552	82555675	NC_000015.9
cg18808466	5.27E-08	5.88E-09	-6.09	9.4891332	-1.58E-01	95293954	95294077	NC_000013.10
cg05444541	5.27E-08	5.88E-09	-6.09	9.4890496	-1.18E-01	17804740	17804863	NC_000017.10
cg16238993	5.27E-08	5.88E-09	-6.09	9.4890154	-2.19E-01	1132372	1132495	NC_000019.9
cg18022893	5.27E-08	5.89E-09	-6.09	9.4889243	-1.42E-01	44951225	44951348	NC_000001.10
cg05535113	5.28E-08	5.89E-09	-6.09	9.4881232	-1.45E-01	71559579	71559702	NC_000016.9
cg18810691	5.28E-08	5.89E-09	-6.09	9.4876716	-1.16E-01	151130479	151130602	NC_000007.13
cg16700620	5.28E-08	5.90E-09	-6.09	9.4873113	-1.40E-02	54963754	54963877	NC_000016.9

cg17429870	5.29E-08	5.91E-09	-6.09	9.4855989	-1.25E-01	1463662	1463785	NC_000011.9
cg26944052	5.29E-08	5.91E-09	-6.09	9.4850078	-2.11E-02	100425154	100425277	NC_000007.13
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cg27508021	5.30E-08	5.91E-09	-6.09	9.4844391	-6.00E-02	104846094	104846217	NC_000010.10
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cg26821540	5.30E-08	5.92E-09	-6.09	9.4839679	-1.12E-01	45115390	45115513	NC_000011.9
cg13321688	5.30E-08	5.92E-09	-6.09	9.4830504	-1.13E-01	125120406	125120529	NC_000003.11
cg12771187	5.31E-08	5.92E-09	-6.09	9.4825355	-1.61E-01	116152010	116152133	NC_000007.13
cg07699300	5.31E-08	5.92E-09	-6.09	9.4825074	-9.13E-02	29392964	29393087	NC_000015.9
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cg12337053	5.31E-08	5.93E-09	-6.09	9.4808276	-9.20E-02	142350647	142350770	NC_000008.10
cg12103802	5.32E-08	5.94E-09	-6.09	9.4804973	-6.77E-02	91902937	91903060	NC_000014.8
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cg09298971	5.32E-08	5.94E-09	-6.09	9.4795372	-1.20E-01	31846249	31846372	NC_000006.11
cg25006823	5.32E-08	5.95E-09	-6.09	9.4790655	-8.40E-02	67982456	67982579	NC_000014.8
cg14424111	5.32E-08	5.95E-09	-6.09	9.4790544	-1.90E-02	36662310	36662433	NC_000020.10
cg19936194	5.33E-08	5.95E-09	-6.09	9.4785623	-2.91E-02	141595256	141595379	NC_000003.11
cg27244120	5.33E-08	5.95E-09	-6.09	9.4781235	-1.30E-01	70610434	70610557	NC_000016.9
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cg06369407	5.34E-08	5.97E-09	-6.09	9.4756293	-1.07E-01	234045196	234045319	NC_000001.10

cg21164723	5.34E-08	5.97E-09	-6.09	9.474905	-4.30E-02	214776304	214776427	NC_000001.10
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cg12072972	5.36E-08	5.98E-09	-6.09	9.4728414	-8.90E-02	405958	406081	NC_000011.9
cg10572659	5.36E-08	5.98E-09	-6.09	9.4727135	-8.78E-02	65565292	65565415	NC_000011.9
cg04857231	5.36E-08	5.99E-09	-6.09	9.4725027	-1.14E-01	42782520	42782643	NC_000015.9
cg07589968	5.36E-08	5.99E-09	-6.09	9.4723669	-7.50E-02	43729910	43730033	NC_000020.10
cg26154268	5.36E-08	5.99E-09	-6.09	9.4723312	-6.67E-02	22538783	22538906	NC_000014.8
cg03974204	5.36E-08	5.99E-09	-6.09	9.4722325	-9.75E-02	124252811	124252934	NC_000010.10
cg25582669	5.37E-08	6.00E-09	-6.09	9.4707699	-6.52E-02	95248888	95249011	NC_000013.10
cg06096901	5.37E-08	6.00E-09	-6.09	9.4699846	-9.12E-02	78894393	78894516	NC_000017.10
cg03888592	5.37E-08	6.01E-09	-6.09	9.469113	-1.08E-01	48210934	48211057	NC_000012.11
cg04968426	5.38E-08	6.01E-09	-6.09	9.4688137	-1.22E-01	41120711	41120834	NC_000015.9
cg12877354	5.39E-08	6.02E-09	-6.09	9.4670516	-6.75E-02	45873196	45873319	NC_000010.10
cg14884828	5.39E-08	6.02E-09	-6.09	9.4669256	-1.62E-01	14603607	14603730	NC_000010.10
cg19290938	5.40E-08	6.03E-09	-6.09	9.4649003	-9.61E-02	1988758	1988881	NC_000011.9
cg16291069	5.40E-08	6.03E-09	-6.09	9.4647314	-1.26E-01	27317394	27317517	NC_000008.10
cg05948654	5.40E-08	6.03E-09	-6.09	9.4645978	-8.21E-02	25930507	25930630	NC_000006.11
cg01049775	5.40E-08	6.04E-09	-6.09	9.4639779	-4.90E-02	39915367	39915490	NC_000022.10
cg20284218	5.41E-08	6.05E-09	-6.08	9.4626796	-2.52E-02	62648405	62648528	NC_000011.9
cg05376469	5.41E-08	6.05E-09	-6.08	9.4624496	-6.71E-02	102649931	102650054	NC_000002.11
cg11945292	5.41E-08	6.05E-09	-6.08	9.4620704	-6.63E-02	24981801	24981924	NC_000004.11
cg06511330	5.42E-08	6.06E-09	-6.08	9.4604125	-1.72E-01	234635574	234635697	NC_000001.10
cg02871891	5.43E-08	6.07E-09	-6.08	9.4593891	-1.24E-01	27228679	27228802	NC_000016.9
cg26949796	5.43E-08	6.07E-09	-6.08	9.4592868	-4.57E-02	35183363	35183486	NC_000014.8

cg19914238	5.43E-08	6.07E-09	-6.08	9.459248	-1.33E-01	113483728	113483851	NC_000002.11
cg03744842	5.43E-08	6.07E-09	-6.08	9.4588166	-1.45E-01	45067319	45067442	NC_000007.13
cg09174162	5.43E-08	6.07E-09	-6.08	9.4588057	-1.33E-01	2150845	2150968	NC_000007.13
cg10196696	5.43E-08	6.07E-09	-6.08	9.4582004	-6.90E-02	157247843	157247966	NC_000005.9
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cg25619707	5.44E-08	6.09E-09	-6.08	9.4557184	-5.45E-02	23377763	23377886	NC_000015.9
cg03241461	5.45E-08	6.09E-09	-6.08	9.4554063	-1.30E-01	29924258	29924381	NC_000010.10
cg26926904	5.45E-08	6.09E-09	-6.08	9.4548348	-2.45E-02	186317539	186317662	NC_000004.11
cg21775570	5.45E-08	6.10E-09	-6.08	9.4543948	-1.01E-01	2171834	2171957	NC_000001.10
cg06360703	5.45E-08	6.10E-09	-6.08	9.4542103	-1.11E-01	169482790	169482913	NC_000002.11
cg02995664	5.46E-08	6.11E-09	-6.08	9.4524791	-7.35E-02	98613076	98613199	NC_000002.11
cg01182863	5.46E-08	6.11E-09	-6.08	9.4520151	-1.64E-01	1464792	1464915	NC_000011.9
cg13936383	5.47E-08	6.12E-09	-6.08	9.4512814	-1.05E-01	139528170	139528293	NC_000009.11
cg06497408	5.47E-08	6.12E-09	-6.08	9.4503306	-9.81E-02	158046838	158046961	NC_000007.13
cg27414481	5.48E-08	6.13E-09	-6.08	9.4498218	-1.35E-01	6342510	6342633	NC_000011.9
cg13588355	5.48E-08	6.13E-09	-6.08	9.449161	-1.02E-01	126998388	126998511	NC_000005.9
cg02775243	5.49E-08	6.15E-09	-6.08	9.446703	-1.35E-01	102831287	102831410	NC_000010.10
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cg01067604	5.52E-08	6.18E-09	-6.08	9.4419605	-2.58E-02	7831845	7831968	NC_000001.10
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ch.13.268523R	5.53E-08	6.19E-09	-6.08	9.4397358	-2.17E-02	30087543	30087666	NC_000013.10

cg12885832	5.53E-08	6.19E-09	-6.08	9.4396523	-4.53E-02	111843885	111844008	NC_000012.11
cg17004653	5.53E-08	6.20E-09	-6.08	9.4388064	-1.61E-01	132925393	132925516	NC_000010.10
cg10441379	5.53E-08	6.20E-09	-6.08	9.4386528	-1.12E-01	72793693	72793816	NC_000005.9
cg09446136	5.54E-08	6.20E-09	-6.08	9.4383542	-3.89E-02	88974429	88974552	NC_000012.11
cg19330592	5.54E-08	6.20E-09	-6.08	9.4380359	-6.10E-02	91580380	91580503	NC_000014.8
cg12418043	5.54E-08	6.20E-09	-6.08	9.4379834	-9.07E-02	141900671	141900794	NC_000005.9
cg16345720	5.54E-08	6.20E-09	-6.08	9.4379813	-1.13E-01	64727184	64727307	NC_000011.9
cg14360405	5.54E-08	6.21E-09	-6.08	9.4365211	-9.30E-02	87912414	87912537	NC_000011.9
cg09499262	5.55E-08	6.21E-09	-6.08	9.4361512	-4.40E-02	22054781	22054904	NC_000013.10
cg07669969	5.55E-08	6.21E-09	-6.08	9.4357494	-1.19E-01	60608527	60608650	NC_000005.9
cg21829328	5.55E-08	6.22E-09	-6.08	9.4355089	-1.13E-01	24188134	24188257	NC_000022.10
cg26302614	5.55E-08	6.22E-09	-6.08	9.4347426	-3.57E-02	16465130	16465253	NC_000005.9
cg14858551	5.56E-08	6.22E-09	-6.08	9.4344666	-2.73E-02	18269244	18269367	NC_000020.10
cg17001194	5.56E-08	6.22E-09	-6.08	9.4343025	-1.17E-01	116216209	116216332	NC_000011.9
cg20807111	5.56E-08	6.23E-09	-6.08	9.4336897	-1.81E-02	100660595	100660718	NC_000007.13
cg05722427	5.56E-08	6.23E-09	-6.08	9.4334776	-9.75E-02	137688090	137688213	NC_000005.9
cg09308553	5.56E-08	6.23E-09	-6.08	9.4333508	-7.47E-02	56763573	56763696	NC_000016.9
cg11284329	5.56E-08	6.23E-09	-6.08	9.4327581	-3.23E-02	77870605	77870728	NC_000004.11
cg05335186	5.57E-08	6.24E-09	-6.08	9.4322129	-7.64E-02	53173507	53173630	NC_000013.10
cg23632656	5.57E-08	6.24E-09	-6.08	9.4310058	-1.66E-01	56362296	56362419	NC_000017.10
cg01908462	5.57E-08	6.25E-09	-6.08	9.430832	-1.26E-01	184718215	184718338	NC_000004.11
cg01471232	5.58E-08	6.25E-09	-6.08	9.430382	-1.38E-01	415430	415553	NC_000011.9
cg23256951	5.58E-08	6.25E-09	-6.08	9.4299475	-8.21E-02	155163205	155163328	NC_000001.10
cg26598918	5.58E-08	6.26E-09	-6.08	9.4289649	-1.06E-01	89761195	89761318	NC_000016.9
cg25792473	5.59E-08	6.27E-09	-6.08	9.4271763	-8.04E-02	1029484	1029607	NC_000004.11

cg21678388	5.59E-08	6.27E-09	-6.08	9.4271591	-6.15E-02	178286735	178286858	NC_000005.9
cg18132852	5.61E-08	6.28E-09	-6.08	9.4248381	-2.09E-02	102792581	102792704	NC_000010.10
cg03951488	5.61E-08	6.28E-09	-6.08	9.4248011	-2.23E-02	129691356	129691479	NC_000007.13
cg13410000	5.61E-08	6.29E-09	-6.08	9.4236421	-1.25E-01	91357521	91357644	NC_000015.9
cg04515608	5.62E-08	6.30E-09	-6.08	9.4230322	-1.24E-01	48129067	48129190	NC_000011.9
cg06621132	5.62E-08	6.30E-09	-6.08	9.422693	-6.97E-02	25623424	25623547	NC_000004.11
cg11881003	5.62E-08	6.30E-09	-6.08	9.422364	-6.14E-02	28740533	28740656	NC_000006.11
cg24810917	5.62E-08	6.30E-09	-6.08	9.4218269	-1.25E-01	79130675	79130798	NC_000011.9
cg16255156	5.62E-08	6.31E-09	-6.08	9.4214174	-1.19E-01	113265709	113265832	NC_000001.10
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cg26008509	5.63E-08	6.31E-09	-6.08	9.4204174	-9.30E-02	45735303	45735426	NC_000019.9
cg02157755	5.64E-08	6.32E-09	-6.08	9.419467	-5.58E-02	2422654	2422777	NC_000011.9
cg19536781	5.64E-08	6.32E-09	-6.08	9.4193682	-7.50E-02	112876728	112876851	NC_000003.11
cg00626466	5.65E-08	6.33E-09	-6.08	9.4175005	-1.24E-01	65153982	65154105	NC_000012.11
cg10420398	5.65E-08	6.33E-09	-6.08	9.417435	-5.38E-02	39639367	39639490	NC_000014.8
cg14222574	5.65E-08	6.34E-09	-6.08	9.4168442	-1.11E-01	27894470	27894593	NC_000013.10
cg14747086	5.65E-08	6.34E-09	-6.08	9.4162764	-7.33E-02	30070087	30070210	NC_000006.11
cg02556381	5.66E-08	6.35E-09	-6.08	9.4154259	-7.64E-02	247463421	247463544	NC_000001.10
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cg00182994	5.67E-08	6.36E-09	-6.08	9.4136635	-1.08E-01	2234571	2234694	NC_000016.9
cg07276338	5.68E-08	6.37E-09	-6.07	9.4120103	-1.11E-01	57295758	57295881	NC_000015.9
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cg17431922	5.68E-08	6.37E-09	-6.07	9.4110983	-1.72E-01	19599516	19599639	NC_000001.10
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cg13823511	5.69E-08	6.38E-09	-6.07	9.4103343	-5.84E-02	150920147	150920270	NC_000002.11

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cg17507897	5.70E-08	6.39E-09	-6.07	9.4085292	-1.06E-01	17943694	17943817	NC_000020.10
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cg25962218	5.70E-08	6.40E-09	-6.07	9.4066767	-9.70E-02	133826103	133826226	NC_000007.13
cg06253072	5.71E-08	6.41E-09	-6.07	9.4060897	-5.37E-02	33679850	33679973	NC_000006.11
cg11375547	5.71E-08	6.41E-09	-6.07	9.4057204	-1.15E-01	55670466	55670589	NC_000019.9
cg03381047	5.72E-08	6.41E-09	-6.07	9.4047947	-1.20E-01	168078772	168078895	NC_000006.11
cg21602882	5.72E-08	6.41E-09	-6.07	9.4047741	-8.31E-02	140937410	140937533	NC_000008.10
cg17331199	5.72E-08	6.42E-09	-6.07	9.4038927	-9.46E-02	56414882	56415005	NC_000012.11
cg06740897	5.73E-08	6.43E-09	-6.07	9.4023572	-7.60E-02	46124821	46124944	NC_000017.10
cg07222243	5.73E-08	6.44E-09	-6.07	9.4014221	-8.95E-02	9920615	9920738	NC_000003.11
cg20698862	5.73E-08	6.44E-09	-6.07	9.4014103	-8.48E-02	112290112	112290235	NC_000010.10
cg23713156	5.73E-08	6.44E-09	-6.07	9.4013938	-6.72E-02	80606235	80606358	NC_000017.10
cg11893323	5.74E-08	6.44E-09	-6.07	9.4009856	-2.97E-02	131133119	131133242	NC_000009.11
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cg01295782	5.74E-08	6.44E-09	-6.07	9.4005604	-1.34E-01	71739283	71739406	NC_000003.11
cg13182522	5.74E-08	6.44E-09	-6.07	9.4004161	-1.42E-01	94529152	94529275	NC_000014.8
cg14884160	5.74E-08	6.45E-09	-6.07	9.4000205	-6.35E-02	89840396	89840519	NC_000007.13
cg21220731	5.74E-08	6.45E-09	-6.07	9.3999214	-5.86E-02	37455492	37455615	NC_000004.11
cg17820022	5.75E-08	6.46E-09	-6.07	9.3985952	-1.23E-01	2425860	2425983	NC_000001.10
cg26253500	5.76E-08	6.47E-09	-6.07	9.3966444	-1.15E-01	136641740	136641863	NC_000007.13
cg04748673	5.76E-08	6.47E-09	-6.07	9.3963177	-2.36E-02	41082663	41082786	NC_000019.9
cg09650180	5.76E-08	6.47E-09	-6.07	9.3961325	-7.31E-02	62225654	62225777	NC_000020.10



cg17816637	5.76E-08	6.47E-09	-6.07	9.3960908	-9.40E-02	21387058	21387181	NC_000022.10
cg05481452	5.76E-08	6.47E-09	-6.07	9.3958581	-8.45E-02	61717684	61717807	NC_000011.9
cg05357861	5.76E-08	6.47E-09	-6.07	9.3957023	-5.01E-02	51460827	51460950	NC_000007.13
cg21255356	5.77E-08	6.48E-09	-6.07	9.395208	-1.05E-01	169446912	169447035	NC_000006.11
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cg02483058	5.80E-08	6.52E-09	-6.07	9.3895206	-7.81E-02	54951562	54951685	NC_000002.11
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cg01847206	5.81E-08	6.53E-09	-6.07	9.3879571	-1.11E-01	14165995	14166118	NC_000005.9
cg09019002	5.81E-08	6.53E-09	-6.07	9.3879251	-2.66E-02	102715232	102715355	NC_000007.13
cg00831931	5.81E-08	6.53E-09	-6.07	9.3877535	-1.10E-01	114823094	114823217	NC_000010.10
cg25575349	5.81E-08	6.53E-09	-6.07	9.3869269	-8.96E-02	106703262	106703385	NC_000012.11
cg06228542	5.81E-08	6.53E-09	-6.07	9.3866695	-5.89E-02	56123961	56124084	NC_000012.11
cg11859398	5.81E-08	6.54E-09	-6.07	9.3865559	-1.81E-01	3411503	3411626	NC_000007.13
cg07749597	5.82E-08	6.54E-09	-6.07	9.3858665	-1.57E-01	42840698	42840821	NC_000005.9

cg09298289	5.82E-08	6.54E-09	-6.07	9.3855498	-1.57E-02	68485754	68485877	NC_000005.9
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cg17455261	5.83E-08	6.56E-09	-6.07	9.3835569	-1.73E-01	87882899	87883022	NC_000004.11
cg05522288	5.83E-08	6.56E-09	-6.07	9.3835542	-1.93E-02	117824098	117824221	NC_000007.13
cg14176626	5.83E-08	6.56E-09	-6.07	9.3834612	-1.05E-01	99617320	99617443	NC_000009.11
ch.2.224872986R	5.83E-08	6.56E-09	-6.07	9.3828004	-2.91E-02	225164742	225164865	NC_000002.11
cg11820605	5.84E-08	6.57E-09	-6.07	9.3810966	-3.48E-02	68519066	68519189	NC_000011.9
cg14789175	5.85E-08	6.58E-09	-6.07	9.3803406	-1.18E-01	11534690	11534813	NC_000001.10
cg09363564	5.85E-08	6.58E-09	-6.07	9.379238	-3.71E-02	169337483	169337606	NC_000001.10
cg09682727	5.87E-08	6.61E-09	-6.07	9.3762349	-8.07E-02	139953966	139954089	NC_000005.9
cg26001410	5.87E-08	6.61E-09	-6.07	9.3760817	-4.74E-02	102120464	102120587	NC_000007.13
cg13897416	5.87E-08	6.61E-09	-6.07	9.3759218	-4.98E-02	38093079	38093202	NC_000022.10
cg13598881	5.88E-08	6.61E-09	-6.07	9.3749691	-1.21E-01	2783665	2783788	NC_000006.11
cg21123656	5.88E-08	6.62E-09	-6.07	9.3743175	-2.94E-02	99775134	99775257	NC_000007.13
cg25169706	5.89E-08	6.63E-09	-6.07	9.3732751	-8.27E-02	8749064	8749187	NC_000011.9
cg03475182	5.89E-08	6.63E-09	-6.07	9.3732502	-7.80E-02	110581454	110581577	NC_000011.9
cg10143731	5.89E-08	6.63E-09	-6.07	9.3729785	-1.52E-01	171453943	171454066	NC_000001.10
cg18487343	5.89E-08	6.63E-09	-6.07	9.3724776	-7.91E-02	60864465	60864588	NC_000014.8
cg11885098	5.90E-08	6.63E-09	-6.07	9.3720291	-1.21E-01	1285397	1285520	NC_000019.9
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cg16757658	5.92E-08	6.66E-09	-6.07	9.3676427	-3.52E-02	126138769	126138892	NC_000011.9
cg04080625	5.92E-08	6.66E-09	-6.07	9.3676327	-6.57E-02	15426634	15426757	NC_000001.10
cg27314422	5.92E-08	6.67E-09	-6.07	9.3673665	-1.22E-01	31105927	31106050	NC_000006.11
cg26615188	5.92E-08	6.67E-09	-6.07	9.367224	-1.28E-01	31699304	31699427	NC_000020.10
cg13613044	5.92E-08	6.67E-09	-6.07	9.3671825	-9.94E-02	137122886	137123009	NC_000009.11

cg08028037	5.92E-08	6.67E-09	-6.07	9.3669825	-3.87E-02	52027479	52027602	NC_000013.10
cg25638443	5.92E-08	6.67E-09	-6.07	9.3669225	-1.42E-01	22435475	22435598	NC_000012.11
cg00852051	5.93E-08	6.67E-09	-6.07	9.3662868	-1.61E-01	214006138	214006261	NC_000001.10
cg24685109	5.94E-08	6.69E-09	-6.07	9.364488	-9.68E-02	43477090	43477213	NC_000015.9
cg11301670	5.94E-08	6.69E-09	-6.07	9.3637756	-1.18E-01	167363345	167363468	NC_000006.11
cg16721359	5.94E-08	6.69E-09	-6.07	9.3637534	-1.25E-01	98610787	98610910	NC_000008.10
cg09676630	5.94E-08	6.69E-09	-6.07	9.363653	-8.68E-02	133101224	133101347	NC_000012.11
cg22672790	5.94E-08	6.69E-09	-6.07	9.3635823	-1.01E-01	161112787	161112910	NC_000005.9
cg23556715	5.95E-08	6.70E-09	-6.07	9.3627423	-1.15E-01	62084359	62084482	NC_000017.10
cg14063566	5.95E-08	6.70E-09	-6.07	9.3621435	-8.66E-02	73642773	73642896	NC_000017.10
cg20531781	5.95E-08	6.70E-09	-6.07	9.3621332	-2.83E-02	99775012	99775135	NC_000007.13
cg01719998	5.95E-08	6.70E-09	-6.07	9.3619806	-2.52E-02	89642051	89642174	NC_000016.9
cg26838345	5.95E-08	6.70E-09	-6.07	9.3618996	-8.00E-02	6276831	6276954	NC_000019.9
cg04831490	5.96E-08	6.71E-09	-6.07	9.3611849	-3.32E-02	132515501	132515624	NC_000009.11
cg03919779	5.96E-08	6.71E-09	-6.07	9.3611476	-8.29E-02	16284127	16284250	NC_000017.10
cg20521198	5.96E-08	6.71E-09	-6.06	9.3601823	-1.01E-01	27102907	27103030	NC_000004.11
ch.2.2207852R	5.96E-08	6.72E-09	-6.06	9.3598635	-6.63E-02	105686129	105686252	NC_000002.11
cg09318283	5.97E-08	6.72E-09	-6.06	9.3587353	-1.28E-01	82146728	82146851	NC_000008.10
cg06995624	5.97E-08	6.73E-09	-6.06	9.3586543	-3.22E-02	73043174	73043297	NC_000017.10
cg08747717	5.97E-08	6.73E-09	-6.06	9.358288	-5.60E-02	50186775	50186898	NC_000016.9
cg19106478	5.97E-08	6.73E-09	-6.06	9.3581157	-9.22E-02	40800053	40800176	NC_000017.10
cg11770815	5.97E-08	6.73E-09	-6.06	9.3580512	-6.74E-02	85410792	85410915	NC_000002.11
cg07275979	5.98E-08	6.73E-09	-6.06	9.3573609	-1.69E-01	124084365	124084488	NC_000008.10
cg18233746	5.98E-08	6.74E-09	-6.06	9.3571848	-7.13E-02	16500403	16500526	NC_000012.11
cg02053920	5.98E-08	6.74E-09	-6.06	9.3569494	-7.46E-02	31093846	31093969	NC_000006.11

cg11212237	5.98E-08	6.74E-09	-6.06	9.3568502	-9.92E-02	116358814	116358937	NC_000006.11
cg10622536	5.98E-08	6.74E-09	-6.06	9.3567678	-1.51E-01	36771021	36771144	NC_000001.10
cg09110274	5.98E-08	6.74E-09	-6.06	9.3567151	-1.14E-01	2028254	2028377	NC_000012.11
cg02626388	5.98E-08	6.74E-09	-6.06	9.3563761	-7.15E-02	13954572	13954695	NC_000019.9
cg16403299	5.99E-08	6.75E-09	-6.06	9.3553054	-5.15E-02	211589678	211589801	NC_000001.10
cg21084284	5.99E-08	6.75E-09	-6.06	9.3552406	-1.24E-01	99645231	99645354	NC_000015.9
cg14225665	5.99E-08	6.75E-09	-6.06	9.3544437	-8.99E-02	102394448	102394571	NC_000014.8
cg19927836	6.00E-08	6.76E-09	-6.06	9.3533765	-3.34E-02	43992413	43992536	NC_000020.10
cg02654940	6.00E-08	6.76E-09	-6.06	9.3531603	-1.44E-01	34206400	34206523	NC_000006.11
cg10471574	6.00E-08	6.76E-09	-6.06	9.3530188	-1.27E-01	70120318	70120441	NC_000017.10
cg06786600	6.01E-08	6.77E-09	-6.06	9.3519727	-1.22E-01	38666816	38666939	NC_000017.10
cg12976582	6.01E-08	6.77E-09	-6.06	9.3514865	-1.20E-01	50359583	50359706	NC_000003.11
cg17974424	6.01E-08	6.78E-09	-6.06	9.3508186	-8.84E-02	1145589	1145712	NC_000006.11
cg01561861	6.01E-08	6.78E-09	-6.06	9.3508145	-1.29E-01	50886992	50887115	NC_000022.10
cg11622162	6.01E-08	6.78E-09	-6.06	9.3507138	-1.49E-01	78237543	78237666	NC_000017.10
cg00796187	6.02E-08	6.79E-09	-6.06	9.349834	-5.75E-02	21341871	21341994	NC_000014.8
cg12422351	6.02E-08	6.79E-09	-6.06	9.3495796	-1.36E-01	95201226	95201349	NC_000001.10
cg13527631	6.02E-08	6.79E-09	-6.06	9.349209	-1.39E-01	183990182	183990305	NC_000003.11
cg22814884	6.03E-08	6.80E-09	-6.06	9.3480418	-2.60E-02	66360803	66360926	NC_000011.9
cg13766687	6.04E-08	6.81E-09	-6.06	9.3465992	-7.21E-02	57200331	57200454	NC_000003.11
cg15512289	6.04E-08	6.81E-09	-6.06	9.3464116	-1.22E-01	97026071	97026194	NC_000001.10
cg12997187	6.04E-08	6.81E-09	-6.06	9.3460381	-1.01E-01	116382890	116383013	NC_000012.11
cg25387593	6.04E-08	6.81E-09	-6.06	9.3459334	-3.20E-02	118927868	118927991	NC_000011.9
cg17546822	6.04E-08	6.82E-09	-6.06	9.3456715	-4.15E-02	41865178	41865301	NC_000022.10
cg04756594	6.04E-08	6.82E-09	-6.06	9.3456349	-1.44E-01	24857601	24857724	NC_000016.9

cg00672638	6.04E-08	6.82E-09	-6.06	9.3453601	-2.80E-02	142149399	142149522	NC_000005.9
cg03719908	6.04E-08	6.82E-09	-6.06	9.3452258	-5.43E-02	105168128	105168251	NC_000014.8
cg16600991	6.05E-08	6.82E-09	-6.06	9.3445029	-4.31E-02	54389477	54389600	NC_000012.11
cg05261411	6.05E-08	6.82E-09	-6.06	9.3444985	-8.93E-02	1238398	1238521	NC_000019.9
cg04138378	6.05E-08	6.83E-09	-6.06	9.3437193	-9.94E-02	95849192	95849315	NC_000007.13
cg18184769	6.06E-08	6.83E-09	-6.06	9.3433778	-9.20E-02	12039714	12039837	NC_000001.10
cg00343127	6.06E-08	6.84E-09	-6.06	9.3424533	-7.12E-02	129299088	129299211	NC_000012.11
cg04406863	6.07E-08	6.85E-09	-6.06	9.3411495	-8.78E-02	62177351	62177474	NC_000020.10
cg24769924	6.07E-08	6.85E-09	-6.06	9.3407472	-6.30E-02	32553033	32553156	NC_000012.11
cg16685257	6.08E-08	6.86E-09	-6.06	9.3388908	-1.40E-01	48991098	48991221	NC_000019.9
cg01584103	6.08E-08	6.87E-09	-6.06	9.33855	-1.08E-01	71578347	71578470	NC_000007.13
cg24432245	6.09E-08	6.87E-09	-6.06	9.3378732	-8.14E-02	72350581	72350704	NC_000017.10
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cg08089518	6.09E-08	6.88E-09	-6.06	9.3370507	-5.88E-02	39941714	39941837	NC_000017.10
cg13375828	6.09E-08	6.88E-09	-6.06	9.3369477	-6.74E-02	3598755	3598878	NC_000017.10
cg15556591	6.10E-08	6.88E-09	-6.06	9.3362298	-9.89E-02	1027967	1028090	NC_000004.11
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cg17164016	6.10E-08	6.88E-09	-6.06	9.335851	-1.40E-01	110990365	110990488	NC_000008.10
cg03521358	6.11E-08	6.89E-09	-6.06	9.3348524	-3.16E-02	9242937	9243060	NC_000001.10
cg09212000	6.11E-08	6.90E-09	-6.06	9.333453	-2.41E-02	47168038	47168161	NC_000002.11
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cg09282201	6.12E-08	6.91E-09	-6.06	9.3326953	-1.08E-01	3155161	3155284	NC_000001.10
cg21932293	6.12E-08	6.91E-09	-6.06	9.3316787	-1.94E-02	64645999	64646122	NC_000011.9
cg14386946	6.12E-08	6.92E-09	-6.06	9.3314499	-3.09E-02	179315284	179315407	NC_000002.11
cg26296957	6.13E-08	6.92E-09	-6.06	9.330342	-1.52E-01	16230109	16230232	NC_000004.11

cg05062489	6.14E-08	6.93E-09	-6.06	9.3294685	-7.67E-02	109404367	109404490	NC_000003.11
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cg01912298	6.14E-08	6.94E-09	-6.06	9.3281494	-9.79E-02	4872499	4872622	NC_000017.10
cg25968437	6.17E-08	6.97E-09	-6.06	9.3244093	-6.59E-02	33819738	33819861	NC_000006.11
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cg27498434	6.17E-08	6.97E-09	-6.06	9.3234133	-1.25E-01	30556362	30556485	NC_000008.10
cg03605761	6.17E-08	6.97E-09	-6.06	9.3232082	-1.26E-01	663973	664096	NC_000019.9
cg07248377	6.17E-08	6.97E-09	-6.06	9.3232077	-7.96E-02	4732406	4732529	NC_000016.9
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cg18107893	6.18E-08	6.98E-09	-6.06	9.3228539	-6.03E-02	33166844	33166967	NC_000019.9
cg15322963	6.18E-08	6.98E-09	-6.06	9.3216283	-3.66E-02	94334193	94334316	NC_000010.10
ch.7.1637031F	6.19E-08	6.99E-09	-6.06	9.3212662	-4.35E-02	74117341	74117464	NC_000007.13
cg20353935	6.19E-08	6.99E-09	-6.06	9.3208732	-9.05E-02	55098450	55098573	NC_000018.9
cg13978929	6.19E-08	6.99E-09	-6.06	9.3205094	-7.72E-02	21580086	21580209	NC_000019.9
cg01045132	6.20E-08	7.00E-09	-6.06	9.3195218	-1.22E-01	11649571	11649694	NC_000019.9
cg26484631	6.20E-08	7.00E-09	-6.06	9.3192311	-8.98E-02	150284518	150284641	NC_000006.11
cg14789272	6.20E-08	7.01E-09	-6.06	9.3182023	-6.60E-02	54456056	54456179	NC_000005.9
cg23728060	6.21E-08	7.01E-09	-6.06	9.3178163	-9.33E-02	158113471	158113594	NC_000002.11
cg22491440	6.21E-08	7.02E-09	-6.06	9.3165545	-1.32E-01	18311356	18311479	NC_000001.10
cg19145858	6.21E-08	7.02E-09	-6.06	9.3165376	-1.37E-01	129781681	129781804	NC_000007.13
cg21201572	6.22E-08	7.02E-09	-6.06	9.3160826	-1.46E-01	16844606	16844729	NC_000007.13
cg23869158	6.22E-08	7.03E-09	-6.06	9.3158302	-1.30E-01	47126023	47126146	NC_000013.10
cg26275110	6.22E-08	7.03E-09	-6.06	9.3157302	-9.01E-02	64329426	64329549	NC_000011.9

cg03162721	6.22E-08	7.03E-09	-6.06	9.3153171	-1.20E-01	62660876	62660999	NC_000017.10
cg26971042	6.23E-08	7.04E-09	-6.06	9.3146152	-1.04E-01	70387217	70387340	NC_000015.9
ch.22.30020508R	6.23E-08	7.04E-09	-6.06	9.3141224	-1.74E-02	31690508	31690631	NC_000022.10
cg19038804	6.24E-08	7.05E-09	-6.06	9.3129877	-1.00E-01	39868359	39868482	NC_000017.10
cg16438525	6.24E-08	7.05E-09	-6.06	9.3125066	-8.53E-02	52517742	52517865	NC_000003.11
cg15736994	6.24E-08	7.05E-09	-6.06	9.3120696	-1.07E-01	156775941	156776064	NC_000004.11
cg02084467	6.25E-08	7.06E-09	-6.06	9.3112377	-1.08E-01	632478	632601	NC_000017.10
cg08824961	6.25E-08	7.06E-09	-6.06	9.3106182	-9.21E-02	133902371	133902494	NC_000011.9
cg03291396	6.25E-08	7.07E-09	-6.06	9.3102644	-6.49E-02	219252533	219252656	NC_000002.11
cg06905970	6.25E-08	7.07E-09	-6.06	9.3098795	-3.20E-02	41222748	41222871	NC_000019.9
cg05360958	6.25E-08	7.07E-09	-6.05	9.3097085	-1.39E-01	15038440	15038563	NC_000012.11
cg21497082	6.26E-08	7.07E-09	-6.05	9.3093988	-1.35E-01	31111270	31111393	NC_000006.11
cg03375833	6.26E-08	7.07E-09	-6.05	9.3093236	-9.77E-02	9859360	9859483	NC_000003.11
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cg03249011	6.27E-08	7.09E-09	-6.05	9.3075401	-1.24E-01	65195995	65196118	NC_000011.9
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cg26652484	6.27E-08	7.09E-09	-6.05	9.3066116	-5.15E-02	57582327	57582450	NC_000003.11
cg05518130	6.27E-08	7.09E-09	-6.05	9.3063728	-1.31E-01	70666259	70666382	NC_000007.13
cg07790085	6.28E-08	7.11E-09	-6.05	9.3048544	-1.33E-01	29597447	29597570	NC_000013.10
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cg16734795	6.30E-08	7.12E-09	-6.05	9.3028224	-1.36E-01	47839187	47839310	NC_000019.9
cg17907567	6.30E-08	7.12E-09	-6.05	9.3025804	-5.90E-02	35773474	35773597	NC_000019.9
cg02532293	6.30E-08	7.12E-09	-6.05	9.3023588	-7.19E-02	1994816	1994939	NC_000004.11

cg19857407	6.30E-08	7.13E-09	-6.05	9.3014918	-1.33E-01	110272993	110273116	NC_000007.13
cg08942191	6.31E-08	7.14E-09	-6.05	9.3003074	-1.23E-01	80729093	80729216	NC_000015.9
cg14586546	6.32E-08	7.15E-09	-6.05	9.2990711	-1.23E-01	136003252	136003375	NC_000009.11
cg17071855	6.32E-08	7.15E-09	-6.05	9.2984017	-1.10E-01	3819880	3820003	NC_000017.10
cg05210612	6.32E-08	7.15E-09	-6.05	9.2981554	-8.66E-02	42081656	42081779	NC_000002.11
cg08917117	6.33E-08	7.16E-09	-6.05	9.2978188	-1.35E-01	115059021	115059144	NC_000010.10
cg01461718	6.33E-08	7.16E-09	-6.05	9.2972406	-6.57E-02	49711095	49711218	NC_000003.11
cg04992191	6.33E-08	7.16E-09	-6.05	9.2971677	-1.24E-01	238341559	238341682	NC_000001.10
cg21290290	6.33E-08	7.16E-09	-6.05	9.2968859	-7.70E-02	2518275	2518398	NC_000001.10
cg17504306	6.34E-08	7.17E-09	-6.05	9.296009	-1.97E-02	2951538	2951661	NC_000011.9
cg15438951	6.34E-08	7.17E-09	-6.05	9.2955424	-1.13E-01	96389694	96389817	NC_000012.11
cg23185751	6.35E-08	7.19E-09	-6.05	9.2931822	-1.18E-01	30720163	30720286	NC_000007.13
cg23434998	6.35E-08	7.19E-09	-6.05	9.293133	-9.02E-02	41870910	41871033	NC_000005.9
cg00499707	6.35E-08	7.19E-09	-6.05	9.2930407	-1.19E-01	34679665	34679788	NC_000020.10
cg20706315	6.36E-08	7.20E-09	-6.05	9.2926054	-1.37E-01	74366578	74366701	NC_000017.10
cg03766174	6.36E-08	7.20E-09	-6.05	9.2926032	-1.23E-01	81547907	81548030	NC_000016.9
cg10839385	6.36E-08	7.20E-09	-6.05	9.2917032	-1.05E-01	159825049	159825172	NC_000001.10
cg10631854	6.37E-08	7.21E-09	-6.05	9.2904901	-9.06E-02	197383170	197383293	NC_000003.11
cg18690712	6.37E-08	7.21E-09	-6.05	9.2902233	-7.41E-02	57463150	57463273	NC_000003.11
cg10336925	6.37E-08	7.21E-09	-6.05	9.2900942	-1.23E-01	77647482	77647605	NC_000014.8
cg26679231	6.37E-08	7.22E-09	-6.05	9.2898767	-2.49E-02	80247134	80247257	NC_000006.11
cg21248989	6.37E-08	7.22E-09	-6.05	9.2895822	-1.06E-01	140813541	140813664	NC_000009.11
cg13099847	6.38E-08	7.22E-09	-6.05	9.2894319	-5.31E-02	33546750	33546873	NC_000001.10
cg26991199	6.38E-08	7.22E-09	-6.05	9.2890372	-4.56E-02	24307153	24307276	NC_000001.10
cg00890145	6.38E-08	7.23E-09	-6.05	9.2885871	-1.10E-01	145028465	145028588	NC_000001.10



cg01216607	6.38E-08	7.23E-09	-6.05	9.2884359	-3.39E-02	100860773	100860896	NC_000007.13
cg04229928	6.39E-08	7.23E-09	-6.05	9.2878166	-1.17E-01	119303807	119303930	NC_000011.9
cg20394609	6.39E-08	7.23E-09	-6.05	9.2877521	-1.01E-01	49736085	49736208	NC_000005.9
cg06185452	6.39E-08	7.23E-09	-6.05	9.2877055	-1.11E-01	16065144	16065267	NC_000006.11
cg21805731	6.39E-08	7.24E-09	-6.05	9.2871132	-1.22E-01	204560985	204561108	NC_000001.10
cg25133762	6.39E-08	7.24E-09	-6.05	9.2865346	-8.34E-02	3562645	3562768	NC_000017.10
cg14118583	6.40E-08	7.25E-09	-6.05	9.2858569	-1.06E-01	139885129	139885252	NC_000009.11
cg11445634	6.41E-08	7.26E-09	-6.05	9.283974	-1.01E-01	61821004	61821127	NC_000015.9
cg09612786	6.42E-08	7.27E-09	-6.05	9.2826995	-1.05E-01	150715214	150715337	NC_000007.13
cg15746719	6.43E-08	7.28E-09	-6.05	9.2812727	-4.75E-02	90113813	90113936	NC_000009.11
cg18613421	6.43E-08	7.28E-09	-6.05	9.2812112	-1.56E-01	54051543	54051666	NC_000015.9
cg20995564	6.43E-08	7.28E-09	-6.05	9.2808397	-1.43E-01	145172035	145172158	NC_000002.11
cg26446449	6.43E-08	7.28E-09	-6.05	9.280743	-3.15E-02	46661718	46661841	NC_000012.11
cg27296308	6.43E-08	7.29E-09	-6.05	9.2803143	-6.23E-02	9556116	9556239	NC_000002.11
cg23415489	6.44E-08	7.29E-09	-6.05	9.2796532	-3.71E-02	47324472	47324595	NC_000003.11
cg08221741	6.44E-08	7.29E-09	-6.05	9.2795486	-1.38E-01	70931770	70931893	NC_000007.13
cg08368169	6.44E-08	7.30E-09	-6.05	9.2786457	-6.28E-02	25949998	25950121	NC_000013.10
cg19063856	6.45E-08	7.30E-09	-6.05	9.2779949	-7.98E-02	38350695	38350818	NC_000017.10
cg03545133	6.46E-08	7.32E-09	-6.05	9.275688	-3.01E-02	70473447	70473570	NC_000016.9
cg24588745	6.47E-08	7.33E-09	-6.05	9.2744798	-2.57E-02	28559529	28559652	NC_000001.10
ch.1.231737468F	6.47E-08	7.33E-09	-6.05	9.2743178	-3.28E-02	233670845	233670968	NC_000001.10
cg06181069	6.47E-08	7.33E-09	-6.05	9.2738944	-6.54E-02	154293494	154293617	NC_000001.10
cg25940728	6.47E-08	7.34E-09	-6.05	9.2738511	-2.67E-02	48429179	48429302	NC_000020.10
cg09732145	6.48E-08	7.34E-09	-6.05	9.2732576	-6.93E-02	197066980	197067103	NC_000003.11
cg05593325	6.48E-08	7.34E-09	-6.05	9.2730299	-7.61E-02	101569696	101569819	NC_000009.11

cg12314335	6.48E-08	7.34E-09	-6.05	9.273	-3.27E-02	113699016	113699139	NC_000013.10
cg21834001	6.48E-08	7.34E-09	-6.05	9.2726637	-1.46E-01	126755865	126755988	NC_000003.11
cg22249291	6.48E-08	7.35E-09	-6.05	9.2720911	-1.09E-01	168777717	168777840	NC_000006.11
cg04723534	6.49E-08	7.36E-09	-6.05	9.271113	-1.20E-01	43373136	43373259	NC_000021.8
cg08923355	6.49E-08	7.36E-09	-6.05	9.2709169	-5.03E-02	227517	227640	NC_000016.9
cg01849970	6.50E-08	7.37E-09	-6.05	9.2697416	-9.87E-03	141031209	141031332	NC_000005.9
cg20376421	6.50E-08	7.37E-09	-6.05	9.2694231	-3.83E-02	56546193	56546316	NC_000012.11
cg06905679	6.51E-08	7.38E-09	-6.05	9.2680822	-1.11E-01	54008126	54008249	NC_000001.10
cg17753789	6.51E-08	7.38E-09	-6.05	9.2680019	-1.29E-01	81026766	81026889	NC_000010.10
cg01380658	6.51E-08	7.38E-09	-6.05	9.267309	-1.79E-02	27095028	27095151	NC_000006.11
cg06017697	6.51E-08	7.39E-09	-6.05	9.2670795	-8.73E-02	89976667	89976790	NC_000016.9
cg01969403	6.52E-08	7.39E-09	-6.05	9.2664327	-8.70E-02	12480395	12480518	NC_000002.11
cg00657529	6.52E-08	7.39E-09	-6.05	9.2659386	-1.59E-01	31698687	31698810	NC_000006.11
cg18033333	6.52E-08	7.40E-09	-6.05	9.2651612	-1.10E-01	85604328	85604451	NC_000004.11
cg04785900	6.53E-08	7.41E-09	-6.05	9.2645737	-1.07E-01	1950120	1950243	NC_000008.10
cg15601371	6.53E-08	7.41E-09	-6.05	9.2641334	-1.08E-01	578938	579061	NC_000007.13
cg19984911	6.53E-08	7.41E-09	-6.05	9.2640167	-1.39E-01	150020338	150020461	NC_000005.9
cg18544365	6.53E-08	7.41E-09	-6.05	9.2635152	-7.62E-02	10928178	10928301	NC_000019.9
cg15865150	6.54E-08	7.42E-09	-6.05	9.2632442	-6.53E-02	49757134	49757257	NC_000003.11
cg19554457	6.54E-08	7.42E-09	-6.05	9.2626792	-1.16E-01	93774772	93774895	NC_000012.11
cg22744480	6.54E-08	7.42E-09	-6.05	9.2619913	-5.71E-02	6897617	6897740	NC_000007.13
cg05002837	6.55E-08	7.43E-09	-6.05	9.2616679	-1.22E-01	47057371	47057494	NC_000022.10
cg26735886	6.55E-08	7.43E-09	-6.05	9.2613498	-5.54E-02	48351608	48351731	NC_000017.10
cg04691277	6.55E-08	7.44E-09	-6.05	9.2605377	-5.38E-02	6479352	6479475	NC_000001.10
cg04198042	6.55E-08	7.44E-09	-6.05	9.2602696	-9.36E-02	48169370	48169493	NC_000017.10

cg16992787	6.56E-08	7.44E-09	-6.05	9.2595622	-9.70E-02	5914669	5914792	NC_000019.9
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cg00591660	6.57E-08	7.46E-09	-6.04	9.25757	-9.75E-02	2478353	2478476	NC_000016.9
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cg20819617	6.64E-08	7.54E-09	-6.04	9.2467669	-8.25E-02	43045052	43045175	NC_000006.11

cg03583734	6.64E-08	7.55E-09	-6.04	9.2462923	-3.30E-02	46390327	46390450	NC_000019.9
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cg15160801	6.72E-08	7.64E-09	-6.04	9.2339278	-1.10E-01	153330399	153330522	NC_000001.10

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cg25130728	6.78E-08	7.72E-09	-6.04	9.2241857	-1.41E-01	73483053	73483176	NC_000007.13
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cg14176475	6.79E-08	7.73E-09	-6.04	9.2222699	-3.73E-02	135282081	135282204	NC_000009.11
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cg08508338	6.80E-08	7.74E-09	-6.04	9.2215368	-1.23E-01	58721060	58721183	NC_000016.9
cg12131828	6.80E-08	7.75E-09	-6.04	9.2205416	-1.41E-01	46663648	46663771	NC_000017.10
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cg14545763	6.83E-08	7.77E-09	-6.04	9.2173029	-3.45E-02	58920002	58920125	NC_000019.9
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cg00940280	6.84E-08	7.78E-09	-6.04	9.2157521	-8.32E-02	131456284	131456407	NC_000008.10
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cg03830680	6.84E-08	7.80E-09	-6.04	9.2144537	-3.57E-02	158636697	158636820	NC_000005.9
cg08734988	6.85E-08	7.80E-09	-6.04	9.2140726	-1.68E-02	132767095	132767218	NC_000007.13
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cg22660447	6.88E-08	7.83E-09	-6.04	9.2096123	-1.03E-01	89778660	89778783	NC_000016.9
cg20272604	6.88E-08	7.83E-09	-6.04	9.209599	-2.41E-02	231004631	231004754	NC_000001.10
cg04620506	6.88E-08	7.84E-09	-6.04	9.2094311	-5.49E-02	25507318	25507441	NC_000022.10
cg12749787	6.88E-08	7.84E-09	-6.04	9.2083701	-2.81E-02	12878379	12878502	NC_000012.11
cg03180191	6.89E-08	7.85E-09	-6.03	9.2077625	-2.24E-02	59437231	59437354	NC_000011.9

cg18958584	6.89E-08	7.85E-09	-6.03	9.2076816	-3.62E-02	18266764	18266887	NC_000017.10
cg00845765	6.89E-08	7.85E-09	-6.03	9.2075367	-7.98E-02	145700821	145700944	NC_000008.10
cg15115413	6.89E-08	7.85E-09	-6.03	9.2072003	-5.04E-02	42931123	42931246	NC_000010.10
cg04407400	6.89E-08	7.85E-09	-6.03	9.207065	-7.08E-02	145731095	145731218	NC_000004.11
cg21502250	6.90E-08	7.86E-09	-6.03	9.2063359	-1.23E-01	122297313	122297436	NC_000012.11
cg24517325	6.90E-08	7.86E-09	-6.03	9.2060321	-4.73E-02	18884428	18884551	NC_000001.10
cg20951825	6.90E-08	7.87E-09	-6.03	9.2055578	-1.10E-01	122461157	122461280	NC_000005.9
cg16533373	6.90E-08	7.87E-09	-6.03	9.2051869	-3.32E-02	30457889	30458012	NC_000020.10
cg07407736	6.91E-08	7.87E-09	-6.03	9.2047383	-1.07E-01	141391254	141391377	NC_000004.11
cg13319197	6.92E-08	7.88E-09	-6.03	9.2035344	-3.27E-02	46142000	46142123	NC_000011.9
cg16905586	6.92E-08	7.89E-09	-6.03	9.2032434	-1.22E-02	49761211	49761334	NC_000003.11
cg04905201	6.92E-08	7.89E-09	-6.03	9.2032334	-6.35E-02	89119709	89119832	NC_000016.9
cg22895601	6.92E-08	7.89E-09	-6.03	9.2030894	-1.10E-01	21131621	21131744	NC_000014.8
cg09180894	6.92E-08	7.89E-09	-6.03	9.2029503	-8.76E-02	3395053	3395176	NC_000001.10
cg20091689	6.93E-08	7.90E-09	-6.03	9.2009184	-1.06E-01	97524862	97524985	NC_000002.11
cg05789250	6.93E-08	7.91E-09	-6.03	9.2007821	-1.14E-01	31804306	31804429	NC_000006.11
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cg00639286	6.96E-08	7.93E-09	-6.03	9.197272	-2.56E-02	151138064	151138187	NC_000005.9
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cg16563151	6.96E-08	7.94E-09	-6.03	9.1965777	-1.69E-02	144640403	144640526	NC_000008.10
cg04093208	6.97E-08	7.95E-09	-6.03	9.1951768	-1.16E-01	39891557	39891680	NC_000013.10
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cg01664382	6.97E-08	7.95E-09	-6.03	9.1948046	-1.00E-01	170490375	170490498	NC_000006.11
cg12257341	6.97E-08	7.95E-09	-6.03	9.1947882	-1.12E-02	26467734	26467857	NC_000002.11
cg22967717	6.98E-08	7.97E-09	-6.03	9.1933694	-7.57E-02	92695561	92695684	NC_000005.9
cg02500075	6.98E-08	7.97E-09	-6.03	9.1930652	-6.71E-02	179263203	179263326	NC_000003.11
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cg16498391	6.99E-08	7.97E-09	-6.03	9.1922635	-1.19E-01	12421072	12421195	NC_000018.9
cg24055178	6.99E-08	7.98E-09	-6.03	9.1919629	-7.64E-02	134263487	134263610	NC_000010.10
cg13491139	7.00E-08	7.98E-09	-6.03	9.1912219	-1.21E-01	139627019	139627142	NC_000009.11
cg14646653	7.00E-08	7.99E-09	-6.03	9.1908179	-1.47E-01	42233161	42233284	NC_000007.13
cg24570042	7.01E-08	8.00E-09	-6.03	9.1892144	-1.19E-01	51634583	51634706	NC_000015.9
cg24205914	7.01E-08	8.00E-09	-6.03	9.1889012	-1.42E-01	62761575	62761698	NC_000010.10
cg01654560	7.01E-08	8.00E-09	-6.03	9.1888814	-9.96E-02	131780046	131780169	NC_000011.9
ch.7.2194789F	7.01E-08	8.00E-09	-6.03	9.188769	-1.28E-02	102039835	102039958	NC_000007.13
cg14283978	7.01E-08	8.00E-09	-6.03	9.1885395	-1.22E-01	45809570	45809693	NC_000019.9
cg13565866	7.02E-08	8.02E-09	-6.03	9.1872196	-6.34E-02	24837564	24837687	NC_000014.8
cg05382480	7.03E-08	8.02E-09	-6.03	9.1861065	-1.83E-01	19606588	19606711	NC_000016.9
cg03742705	7.04E-08	8.03E-09	-6.03	9.1853985	-5.84E-02	1406266	1406389	NC_000001.10
cg06008435	7.04E-08	8.04E-09	-6.03	9.1848201	-1.13E-01	25027714	25027837	NC_000006.11
cg09980626	7.04E-08	8.04E-09	-6.03	9.1846104	-6.70E-02	30125305	30125428	NC_000016.9
cg10752753	7.04E-08	8.04E-09	-6.03	9.1845268	-8.89E-02	33984930	33985053	NC_000005.9
cg11436767	7.04E-08	8.04E-09	-6.03	9.1843498	-5.28E-02	46401422	46401545	NC_000011.9
cg20724405	7.05E-08	8.05E-09	-6.03	9.1833436	-1.32E-02	32805960	32806083	NC_000006.11
cg05746256	7.05E-08	8.05E-09	-6.03	9.1825788	-4.73E-02	89237789	89237912	NC_000016.9
cg18842310	7.06E-08	8.06E-09	-6.03	9.1819231	-1.09E-01	113627484	113627607	NC_000013.10
cg10107725	7.06E-08	8.06E-09	-6.03	9.1816103	-6.81E-02	160761556	160761679	NC_000002.11



cg09493621	7.06E-08	8.06E-09	-6.03	9.1813722	-1.02E-01	74823581	74823704	NC_000015.9
cg00841090	7.07E-08	8.07E-09	-6.03	9.1806457	-8.80E-02	2651101	2651224	NC_000017.10
cg24097460	7.08E-08	8.09E-09	-6.03	9.1787411	-6.02E-02	134671024	134671147	NC_000007.13
cg00892742	7.08E-08	8.09E-09	-6.03	9.1787001	-1.73E-01	195648562	195648685	NC_000003.11
cg03851159	7.08E-08	8.09E-09	-6.03	9.1786156	-1.04E-01	118891090	118891213	NC_000010.10
cg12659381	7.08E-08	8.09E-09	-6.03	9.1780967	-3.18E-02	24646254	24646377	NC_000006.11
cg23221504	7.09E-08	8.09E-09	-6.03	9.1777459	-2.18E-02	171673110	171673233	NC_000002.11
cg02565999	7.09E-08	8.10E-09	-6.03	9.1772302	-1.45E-01	95003984	95004107	NC_000013.10
cg13620921	7.09E-08	8.10E-09	-6.03	9.1771878	-3.97E-02	3400587	3400710	NC_000011.9
cg12736501	7.09E-08	8.10E-09	-6.03	9.1765195	-8.49E-02	121433170	121433293	NC_000002.11
cg18028711	7.11E-08	8.12E-09	-6.03	9.1750166	-3.07E-02	45150028	45150151	NC_000013.10
cg06143012	7.11E-08	8.12E-09	-6.03	9.1747274	-9.12E-02	34258076	34258199	NC_000017.10
cg23826582	7.12E-08	8.13E-09	-6.03	9.1730826	-5.20E-02	31548612	31548735	NC_000006.11
cg01991934	7.12E-08	8.14E-09	-6.03	9.1725599	-8.15E-02	93412768	93412891	NC_000014.8
cg00672333	7.12E-08	8.14E-09	-6.03	9.1724052	-1.62E-01	36728456	36728579	NC_000017.10
cg21904489	7.14E-08	8.15E-09	-6.03	9.1704818	-1.16E-01	119071213	119071336	NC_000003.11
cg27461196	7.14E-08	8.15E-09	-6.03	9.1704772	-1.17E-01	35630106	35630229	NC_000019.9
cg14760355	7.14E-08	8.16E-09	-6.03	9.1700724	-3.16E-02	176046503	176046626	NC_000002.11
cg00849642	7.14E-08	8.16E-09	-6.03	9.1699711	-9.62E-02	109106495	109106618	NC_000012.11
cg00401552	7.14E-08	8.16E-09	-6.03	9.1693869	-3.71E-02	2835710	2835833	NC_000016.9
cg21288207	7.15E-08	8.17E-09	-6.03	9.1681475	-3.50E-02	6048673	6048796	NC_000007.13
cg26908611	7.15E-08	8.18E-09	-6.03	9.1679102	-2.77E-02	40421002	40421125	NC_000001.10
cg19893664	7.16E-08	8.18E-09	-6.03	9.1671323	-1.13E-01	105619634	105619757	NC_000014.8
cg25268100	7.16E-08	8.18E-09	-6.03	9.1668727	-8.11E-02	134457731	134457854	NC_000010.10
cg17177699	7.17E-08	8.19E-09	-6.03	9.1661762	-6.87E-02	10120594	10120717	NC_000019.9

cg04678315	7.17E-08	8.19E-09	-6.03	9.1658139	-8.80E-02	125212010	125212133	NC_000012.11
cg12424383	7.17E-08	8.20E-09	-6.03	9.1652791	-1.02E-01	27990967	27991090	NC_000001.10
cg26166688	7.17E-08	8.20E-09	-6.03	9.1649552	-6.77E-02	119396640	119396763	NC_000003.11
cg03065329	7.18E-08	8.20E-09	-6.03	9.1647587	-4.35E-02	113240306	113240429	NC_000002.11
cg02602010	7.18E-08	8.20E-09	-6.03	9.1645063	-7.51E-02	27372132	27372255	NC_000002.11
cg06568454	7.18E-08	8.21E-09	-6.03	9.1636842	-1.20E-01	89940886	89941009	NC_000016.9
cg21451816	7.19E-08	8.22E-09	-6.03	9.1629637	-7.18E-02	1468848	1468971	NC_000007.13
cg00868131	7.19E-08	8.22E-09	-6.03	9.1629496	-1.19E-01	54952901	54953024	NC_000001.10
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cg15348274	7.19E-08	8.22E-09	-6.03	9.1621603	-5.90E-02	123451191	123451314	NC_000012.11
cg24897392	7.19E-08	8.22E-09	-6.03	9.1621235	-1.36E-01	169072106	169072229	NC_000001.10
cg13505608	7.19E-08	8.23E-09	-6.03	9.1617999	-7.43E-02	140127061	140127184	NC_000009.11
cg21240441	7.20E-08	8.23E-09	-6.03	9.1612498	-5.53E-02	139872871	139872994	NC_000009.11
cg15669088	7.21E-08	8.24E-09	-6.03	9.1602748	-9.93E-02	134775772	134775895	NC_000010.10
cg11373356	7.21E-08	8.25E-09	-6.03	9.1589998	-9.14E-02	3439095	3439218	NC_000004.11
cg04425701	7.22E-08	8.26E-09	-6.03	9.1582009	-9.46E-02	35630474	35630597	NC_000019.9
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cg14696926	7.23E-08	8.27E-09	-6.03	9.1568726	-1.03E-01	2093220	2093343	NC_000008.10
cg03877492	7.23E-08	8.27E-09	-6.03	9.1568708	-2.43E-02	1567421	1567544	NC_000019.9
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cg13640414	7.23E-08	8.27E-09	-6.02	9.1562342	-7.98E-02	15530870	15530993	NC_000019.9
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cg26150981	7.25E-08	8.29E-09	-6.02	9.1543809	-9.48E-02	135608687	135608810	NC_000007.13
cg10102037	7.25E-08	8.29E-09	-6.02	9.1542087	-5.31E-02	34323943	34324066	NC_000012.11
cg03807888	7.25E-08	8.29E-09	-6.02	9.1539819	-3.58E-02	8580619	8580742	NC_000003.11

cg21157107	7.26E-08	8.30E-09	-6.02	9.1531663	-9.06E-02	110399894	110400017	NC_000009.11
cg26628795	7.26E-08	8.30E-09	-6.02	9.1530338	-3.03E-02	111435723	111435846	NC_000002.11
cg05906777	7.26E-08	8.31E-09	-6.02	9.152276	-8.27E-02	73268160	73268283	NC_000017.10
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cg16506970	7.27E-08	8.32E-09	-6.02	9.1512736	-1.20E-01	6809109	6809232	NC_000004.11
cg20935945	7.27E-08	8.32E-09	-6.02	9.1508116	-1.90E-02	72969046	72969169	NC_000017.10
cg00063828	7.28E-08	8.32E-09	-6.02	9.1503348	-1.51E-01	85749496	85749619	NC_000016.9
cg25969107	7.28E-08	8.33E-09	-6.02	9.150142	-1.89E-01	95128247	95128370	NC_000015.9
cg06970370	7.29E-08	8.34E-09	-6.02	9.1485004	-8.60E-02	121261077	121261200	NC_000001.10
cg24026549	7.30E-08	8.35E-09	-6.02	9.1468322	-1.16E-02	3534156	3534279	NC_000004.11
cg24200083	7.31E-08	8.36E-09	-6.02	9.1459872	-7.97E-02	19279245	19279368	NC_000022.10
cg07472373	7.31E-08	8.36E-09	-6.02	9.1459767	-1.25E-01	50595181	50595304	NC_000010.10
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cg11815762	7.31E-08	8.37E-09	-6.02	9.1447594	-3.78E-02	1610673	1610796	NC_000006.11
cg03665259	7.32E-08	8.37E-09	-6.02	9.1445437	-1.02E-01	31021826	31021949	NC_000006.11
cg04066634	7.32E-08	8.37E-09	-6.02	9.1444657	-6.60E-02	131174253	131174376	NC_000006.11
cg02895319	7.32E-08	8.37E-09	-6.02	9.1444211	-3.78E-02	50222810	50222933	NC_000012.11
cg13946500	7.32E-08	8.38E-09	-6.02	9.1438322	-2.40E-02	10217312	10217435	NC_000019.9
cg17915961	7.32E-08	8.38E-09	-6.02	9.1433726	-1.18E-01	103881480	103881603	NC_000010.10
cg22434506	7.32E-08	8.38E-09	-6.02	9.1433353	-8.51E-02	6657818	6657941	NC_000012.11
cg06007323	7.33E-08	8.39E-09	-6.02	9.1430955	-2.87E-02	6784769	6784892	NC_000004.11
cg24697460	7.33E-08	8.40E-09	-6.02	9.1418581	-6.16E-02	124908653	124908776	NC_000012.11

cg08290013	7.34E-08	8.40E-09	-6.02	9.1415708	-1.15E-01	27334164	27334287	NC_000017.10
cg03172060	7.35E-08	8.41E-09	-6.02	9.1402073	-2.44E-02	78518613	78518736	NC_000017.10
cg14580747	7.35E-08	8.41E-09	-6.02	9.1397648	-1.17E-01	169384519	169384642	NC_000003.11
cg03607415	7.37E-08	8.44E-09	-6.02	9.137243	-1.35E-01	89881642	89881765	NC_000005.9
cg08111922	7.37E-08	8.45E-09	-6.02	9.1362422	-1.07E-01	105287408	105287531	NC_000014.8
cg17173451	7.37E-08	8.45E-09	-6.02	9.1362115	-1.32E-01	138310864	138310987	NC_000007.13
cg27542341	7.38E-08	8.45E-09	-6.02	9.135826	-1.49E-01	75248086	75248209	NC_000015.9
cg27358154	7.39E-08	8.46E-09	-6.02	9.1344247	-9.67E-02	72453975	72454098	NC_000010.10
cg11333436	7.40E-08	8.47E-09	-6.02	9.1332613	-4.14E-02	11533781	11533904	NC_000003.11
cg25170995	7.40E-08	8.47E-09	-6.02	9.1331869	-8.59E-02	168818564	168818687	NC_000004.11
cg26823762	7.40E-08	8.48E-09	-6.02	9.1328185	-8.90E-02	42369093	42369216	NC_000002.11
cg24002003	7.40E-08	8.48E-09	-6.02	9.1324544	-1.52E-01	101668143	101668266	NC_000015.9
cg12969595	7.40E-08	8.48E-09	-6.02	9.1323817	-3.70E-02	31254878	31255001	NC_000017.10
cg24520862	7.41E-08	8.48E-09	-6.02	9.1316989	-1.50E-01	75943228	75943351	NC_000011.9
cg14199150	7.41E-08	8.49E-09	-6.02	9.1313829	-9.53E-02	136930919	136931042	NC_000009.11
cg20482145	7.42E-08	8.50E-09	-6.02	9.1303171	-1.05E-01	8525165	8525288	NC_000017.10
cg19514613	7.42E-08	8.51E-09	-6.02	9.1293259	-4.76E-02	45409713	45409836	NC_000019.9
cg22552457	7.42E-08	8.51E-09	-6.02	9.1291052	-6.23E-02	10792615	10792738	NC_000019.9
cg04364517	7.43E-08	8.51E-09	-6.02	9.1289424	-1.43E-02	2478362	2478485	NC_000001.10
cg10577585	7.43E-08	8.51E-09	-6.02	9.1289297	-5.99E-02	103347909	103348032	NC_000010.10
cg21191088	7.43E-08	8.51E-09	-6.02	9.128898	-8.20E-02	140115301	140115424	NC_000009.11
cg07166546	7.43E-08	8.51E-09	-6.02	9.128864	-9.42E-02	35805898	35806021	NC_000014.8
cg17655415	7.43E-08	8.52E-09	-6.02	9.1280304	-1.65E-01	89802559	89802682	NC_000010.10
cg11150191	7.44E-08	8.52E-09	-6.02	9.1272185	-8.38E-02	94391285	94391408	NC_000014.8
cg06027057	7.44E-08	8.53E-09	-6.02	9.1269165	-2.03E-02	90849959	90850082	NC_000014.8

cg11872300	7.44E-08	8.53E-09	-6.02	9.1267599	-1.34E-02	42785225	42785348	NC_000019.9
cg05668853	7.44E-08	8.53E-09	-6.02	9.1263894	-1.12E-01	27044169	27044292	NC_000017.10
cg17837192	7.44E-08	8.53E-09	-6.02	9.1263674	-1.38E-01	239068941	239069064	NC_000002.11
cg09133422	7.46E-08	8.55E-09	-6.02	9.1241434	-3.71E-02	155292660	155292783	NC_000001.10
cg18954339	7.47E-08	8.56E-09	-6.02	9.122673	-1.76E-02	105780420	105780543	NC_000014.8
cg06397510	7.47E-08	8.57E-09	-6.02	9.1224868	-5.70E-02	32403634	32403757	NC_000001.10
cg02956255	7.47E-08	8.57E-09	-6.02	9.1222404	-7.99E-02	31430641	31430764	NC_000006.11
cg13605674	7.49E-08	8.59E-09	-6.02	9.1193628	-1.12E-01	196065328	196065451	NC_000003.11
cg04365568	7.50E-08	8.60E-09	-6.02	9.1187231	-1.10E-01	45809373	45809496	NC_000019.9
cg03363653	7.50E-08	8.60E-09	-6.02	9.1182893	-3.50E-02	16394677	16394800	NC_000017.10
cg09365645	7.52E-08	8.62E-09	-6.02	9.1163199	-8.89E-02	79442037	79442160	NC_000017.10
cg14163802	7.52E-08	8.62E-09	-6.02	9.1160127	-2.06E-02	206547479	206547602	NC_000002.11
cg19184348	7.52E-08	8.62E-09	-6.02	9.1159296	-5.11E-02	33386504	33386627	NC_000006.11
cg05128656	7.53E-08	8.64E-09	-6.02	9.1145491	-6.47E-02	29210592	29210715	NC_000008.10
cg05999255	7.53E-08	8.64E-09	-6.02	9.1144009	-2.81E-02	106641134	106641257	NC_000012.11
cg02800711	7.53E-08	8.64E-09	-6.02	9.114233	-1.17E-01	17564425	17564548	NC_000011.9
cg04084786	7.54E-08	8.65E-09	-6.02	9.1129861	-1.29E-01	27609163	27609286	NC_000010.10
cg14981432	7.55E-08	8.66E-09	-6.02	9.1120327	-7.83E-02	61555930	61556053	NC_000011.9
cg26610167	7.55E-08	8.66E-09	-6.02	9.1117507	-1.17E-01	55720817	55720940	NC_000019.9
ch.4.11419765R	7.55E-08	8.66E-09	-6.02	9.1114248	-3.51E-02	11810667	11810790	NC_000004.11
cg07015749	7.56E-08	8.67E-09	-6.02	9.110512	-9.52E-02	6085995	6086118	NC_000001.10
ch.7.2435427F	7.57E-08	8.68E-09	-6.02	9.1092187	-4.67E-02	115583891	115584014	NC_000007.13
cg19380793	7.57E-08	8.69E-09	-6.02	9.1087564	-1.34E-01	111079100	111079223	NC_000007.13
cg21041514	7.57E-08	8.69E-09	-6.02	9.1084309	-1.50E-02	40333411	40333534	NC_000017.10
cg16044595	7.58E-08	8.70E-09	-6.02	9.1069296	-7.21E-02	236304396	236304519	NC_000001.10

cg16361876	7.59E-08	8.71E-09	-6.02	9.1061571	-6.07E-02	152635878	152636001	NC_000001.10
cg07148594	7.60E-08	8.72E-09	-6.01	9.1053832	-8.45E-02	52565909	52566032	NC_000003.11
cg20373432	7.60E-08	8.72E-09	-6.01	9.1051204	-1.11E-01	74135572	74135695	NC_000017.10
cg11026867	7.60E-08	8.72E-09	-6.01	9.1050492	-1.29E-01	6473643	6473766	NC_000012.11
ch.4.1680698F	7.60E-08	8.73E-09	-6.01	9.1042555	-4.79E-02	87737075	87737198	NC_000004.11
cg26152017	7.61E-08	8.74E-09	-6.01	9.1033115	-1.36E-01	73004558	73004681	NC_000010.10
cg25032745	7.62E-08	8.74E-09	-6.01	9.1025201	-5.21E-02	15481695	15481818	NC_000010.10
cg24111008	7.64E-08	8.77E-09	-6.01	9.0998124	-4.23E-02	7599072	7599195	NC_000019.9
cg17003212	7.64E-08	8.77E-09	-6.01	9.0996722	-7.94E-02	97054967	97055090	NC_000010.10
cg19722698	7.66E-08	8.80E-09	-6.01	9.0966339	-8.98E-02	104693930	104694053	NC_000012.11
cg23407151	7.66E-08	8.80E-09	-6.01	9.096253	-1.23E-01	53579798	53579921	NC_000006.11
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cg24447890	7.67E-08	8.81E-09	-6.01	9.0949691	-8.89E-02	75105144	75105267	NC_000015.9
cg16975985	7.68E-08	8.82E-09	-6.01	9.0935896	-3.84E-02	49524048	49524171	NC_000012.11
cg17181325	7.68E-08	8.82E-09	-6.01	9.0935613	-2.18E-02	1613831	1613954	NC_000017.10
cg24036039	7.69E-08	8.83E-09	-6.01	9.0926852	-1.20E-01	3397125	3397248	NC_000001.10
cg23265096	7.69E-08	8.84E-09	-6.01	9.0921037	-8.31E-02	57582594	57582717	NC_000020.10
cg01588464	7.70E-08	8.84E-09	-6.01	9.09171	-3.94E-02	182360063	182360186	NC_000001.10
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cg05122957	7.70E-08	8.85E-09	-6.01	9.0908986	-9.62E-02	112973542	112973665	NC_000003.11
cg18605729	7.70E-08	8.85E-09	-6.01	9.0905528	-6.72E-02	81742245	81742368	NC_000010.10
cg07518532	7.71E-08	8.85E-09	-6.01	9.0900542	-1.10E-01	1989507	1989630	NC_000011.9
cg02830714	7.72E-08	8.87E-09	-6.01	9.0882451	-1.23E-01	1232545	1232668	NC_000005.9
cg01573306	7.72E-08	8.87E-09	-6.01	9.0878655	-1.43E-01	172330400	172330523	NC_000001.10
cg11452455	7.73E-08	8.88E-09	-6.01	9.087198	-6.89E-02	132439990	132440113	NC_000002.11

cg18574403	7.73E-08	8.88E-09	-6.01	9.0871231	-3.63E-02	77070839	77070962	NC_000017.10
cg26910384	7.73E-08	8.89E-09	-6.01	9.0864835	-1.07E-01	1103312	1103435	NC_000001.10
cg13944870	7.74E-08	8.89E-09	-6.01	9.0857325	-6.91E-02	36938402	36938525	NC_000001.10
cg01239666	7.74E-08	8.90E-09	-6.01	9.0855491	-1.52E-01	195601381	195601504	NC_000003.11
cg09578829	7.75E-08	8.90E-09	-6.01	9.0847149	-9.32E-02	37910251	37910374	NC_000004.11
cg04661436	7.75E-08	8.91E-09	-6.01	9.0843166	-1.33E-01	79169207	79169330	NC_000015.9
cg15471815	7.75E-08	8.91E-09	-6.01	9.0841555	-1.20E-01	228645486	228645609	NC_000001.10
cg19168578	7.76E-08	8.92E-09	-6.01	9.0824153	-2.26E-02	80828650	80828773	NC_000010.10
cg07497569	7.77E-08	8.93E-09	-6.01	9.0815364	-7.79E-02	2930361	2930484	NC_000004.11
cg02319067	7.77E-08	8.94E-09	-6.01	9.0811682	-1.47E-01	29757461	29757584	NC_000016.9
cg01736164	7.78E-08	8.94E-09	-6.01	9.0809645	-1.15E-01	97924317	97924440	NC_000014.8
cg15726025	7.78E-08	8.94E-09	-6.01	9.0809133	-1.24E-01	32681995	32682118	NC_000001.10
cg26111757	7.78E-08	8.94E-09	-6.01	9.0801991	-1.29E-01	31642120	31642243	NC_000020.10
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cg03179542	7.78E-08	8.95E-09	-6.01	9.0797504	-1.16E-01	2647333	2647456	NC_000007.13
cg17387577	7.79E-08	8.96E-09	-6.01	9.0789362	-1.44E-01	124864657	124864780	NC_000012.11
cg12445832	7.79E-08	8.96E-09	-6.01	9.0786645	-1.28E-01	834295	834418	NC_000001.10
cg18877862	7.79E-08	8.96E-09	-6.01	9.0784089	-6.37E-02	43116932	43117055	NC_000022.10
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cg18405262	7.81E-08	8.98E-09	-6.01	9.0768315	-6.87E-02	48270042	48270165	NC_000017.10
cg03074244	7.81E-08	8.98E-09	-6.01	9.0767999	-9.28E-02	118213414	118213537	NC_000011.9
cg03768007	7.81E-08	8.98E-09	-6.01	9.0763616	-1.63E-02	55851064	55851187	NC_000019.9
cg06294416	7.81E-08	8.98E-09	-6.01	9.0759591	-1.56E-01	66628232	66628355	NC_000012.11
cg03512098	7.81E-08	8.98E-09	-6.01	9.0759332	-1.05E-01	2730129	2730252	NC_000011.9

cg06484123	7.81E-08	8.99E-09	-6.01	9.0757522	-9.52E-02	53107200	53107323	NC_000019.9
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cg12442236	7.82E-08	8.99E-09	-6.01	9.0747497	-4.68E-02	37823644	37823767	NC_000022.10
cg15769279	7.82E-08	9.00E-09	-6.01	9.0746546	-9.49E-02	117151966	117152089	NC_000011.9
cg03614916	7.82E-08	9.00E-09	-6.01	9.0741749	-1.20E-01	22007271	22007394	NC_000018.9
cg23889086	7.83E-08	9.00E-09	-6.01	9.0738652	-5.15E-02	47731562	47731685	NC_000019.9
cg01481000	7.83E-08	9.01E-09	-6.01	9.0732345	-1.33E-01	33514858	33514981	NC_000001.10
cg07577824	7.84E-08	9.01E-09	-6.01	9.0727153	-1.28E-01	17943403	17943526	NC_000020.10
cg21091766	7.84E-08	9.02E-09	-6.01	9.0722253	-1.19E-01	176898673	176898796	NC_000005.9
cg11542402	7.85E-08	9.03E-09	-6.01	9.0713728	-1.97E-02	13141466	13141589	NC_000010.10
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cg07149785	7.86E-08	9.04E-09	-6.01	9.0698012	-4.38E-02	69455028	69455151	NC_000011.9
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cg20823695	7.86E-08	9.05E-09	-6.01	9.0691117	-6.96E-02	2345410	2345533	NC_000001.10
cg20850984	7.87E-08	9.05E-09	-6.01	9.0685005	-1.17E-01	2569120	2569243	NC_000011.9
cg20518497	7.87E-08	9.05E-09	-6.01	9.0682064	-1.17E-01	1046821	1046944	NC_000004.11
cg05206120	7.87E-08	9.06E-09	-6.01	9.0679959	-6.62E-02	69730129	69730252	NC_000014.8
ch.3.574787R	7.87E-08	9.06E-09	-6.01	9.0678088	-7.10E-02	27578816	27578939	NC_000003.11
cg14150774	7.88E-08	9.06E-09	-6.01	9.0672235	-1.02E-01	139138057	139138180	NC_000009.11
cg02619001	7.88E-08	9.07E-09	-6.01	9.0666969	-1.11E-01	47592333	47592456	NC_000017.10
cg25137204	7.90E-08	9.10E-09	-6.01	9.0637889	-8.89E-02	72975404	72975527	NC_000011.9
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cg12785689	7.91E-08	9.11E-09	-6.01	9.0628077	-1.83E-02	33872408	33872531	NC_000020.10



cg16944958	7.93E-08	9.12E-09	-6.01	9.0607386	-1.15E-01	170403962	170404085	NC_000006.11
cg05031325	7.93E-08	9.12E-09	-6.01	9.0607204	-2.69E-02	102984544	102984667	NC_000007.13
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cg20368301	7.94E-08	9.15E-09	-6.01	9.0582115	-8.41E-02	113985700	113985823	NC_000012.11
cg24381587	7.97E-08	9.18E-09	-6	9.055154	-1.16E-01	158736312	158736435	NC_000001.10
cg14252488	7.98E-08	9.18E-09	-6	9.0543538	-8.76E-02	245361403	245361526	NC_000001.10
cg01992765	7.98E-08	9.19E-09	-6	9.0541225	-7.44E-02	45622493	45622616	NC_000021.8
cg01550828	7.98E-08	9.20E-09	-6	9.0531307	-1.57E-01	196227453	196227576	NC_000003.11
cg02613964	7.99E-08	9.21E-09	-6	9.0519979	-5.91E-02	44690321	44690444	NC_000003.11
cg07470639	7.99E-08	9.21E-09	-6	9.0519945	-1.17E-01	20839291	20839414	NC_000017.10
cg17220545	8.00E-08	9.21E-09	-6	9.0515774	-9.25E-02	157085556	157085679	NC_000007.13
cg26386402	8.00E-08	9.22E-09	-6	9.0510092	-5.76E-02	115512612	115512735	NC_000009.11
cg01072609	8.01E-08	9.22E-09	-6	9.0503215	-1.06E-01	140338624	140338747	NC_000007.13
cg14994247	8.01E-08	9.23E-09	-6	9.0499714	-9.70E-02	1407005	1407128	NC_000005.9
cg17740722	8.01E-08	9.23E-09	-6	9.0497233	-1.10E-01	57337294	57337417	NC_000019.9
cg17591741	8.02E-08	9.24E-09	-6	9.0489235	-1.05E-01	206316396	206316519	NC_000001.10
cg05036153	8.03E-08	9.25E-09	-6	9.0471338	-9.77E-02	140128254	140128377	NC_000009.11
cg18390991	8.03E-08	9.25E-09	-6	9.0470799	-1.21E-01	217672659	217672782	NC_000002.11
cg11314292	8.04E-08	9.26E-09	-6	9.0461814	-2.19E-02	29598433	29598556	NC_000018.9
cg06646708	8.04E-08	9.26E-09	-6	9.046164	-1.37E-01	18123224	18123347	NC_000006.11
cg03227570	8.04E-08	9.26E-09	-6	9.0461488	-4.55E-02	17766306	17766429	NC_000001.10
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cg24525480	8.04E-08	9.27E-09	-6	9.0452557	-1.36E-01	44801378	44801501	NC_000007.13
cg10058920	8.05E-08	9.27E-09	-6	9.0448966	-1.01E-01	1974738	1974861	NC_000020.10

cg04037707	8.05E-08	9.27E-09	-6	9.04488	-8.78E-02	154704915	154705038	NC_000007.13
cg18444519	8.05E-08	9.28E-09	-6	9.0443292	-1.81E-02	134210458	134210581	NC_000005.9
cg08065733	8.06E-08	9.29E-09	-6	9.0431594	-1.02E-01	121106721	121106844	NC_000002.11
cg17375396	8.07E-08	9.30E-09	-6	9.0422151	-1.29E-01	67202808	67202931	NC_000011.9
cg17282910	8.08E-08	9.32E-09	-6	9.0403222	-3.40E-02	89825494	89825617	NC_000005.9
cg19783626	8.09E-08	9.33E-09	-6	9.0391712	-1.32E-01	98311436	98311559	NC_000007.13
cg13625205	8.09E-08	9.33E-09	-6	9.0388023	-2.69E-02	151584902	151585025	NC_000001.10
cg09213964	8.10E-08	9.33E-09	-6	9.038481	-1.73E-01	122668037	122668160	NC_000012.11
cg00214056	8.10E-08	9.34E-09	-6	9.0383959	-4.56E-02	46478384	46478507	NC_000018.9
cg16094954	8.10E-08	9.34E-09	-6	9.0380102	-2.63E-02	45251180	45251303	NC_000019.9
cg17106073	8.10E-08	9.34E-09	-6	9.0376964	-6.12E-02	41769254	41769377	NC_000019.9
cg05554543	8.11E-08	9.35E-09	-6	9.0369256	-7.51E-02	167771886	167772009	NC_000004.11
cg11784626	8.11E-08	9.35E-09	-6	9.0367452	-6.28E-02	126782538	126782661	NC_000010.10
cg01352294	8.11E-08	9.35E-09	-6	9.0366195	-9.99E-02	109614626	109614749	NC_000006.11
cg00966255	8.11E-08	9.36E-09	-6	9.0362337	-9.85E-02	10479562	10479685	NC_000016.9
cg21446343	8.12E-08	9.36E-09	-6	9.0357349	-5.71E-02	19974866	19974989	NC_000022.10
cg04442328	8.12E-08	9.36E-09	-6	9.0356091	-4.67E-02	185304136	185304259	NC_000003.11
cg06023039	8.12E-08	9.37E-09	-6	9.0351379	-2.78E-02	66790240	66790363	NC_000015.9
cg18388972	8.12E-08	9.37E-09	-6	9.0348676	-3.18E-02	156308174	156308297	NC_000001.10
cg10654948	8.12E-08	9.37E-09	-6	9.0346219	-1.45E-01	33788229	33788352	NC_000013.10
cg04078896	8.12E-08	9.37E-09	-6	9.0346174	-5.95E-02	62338273	62338396	NC_000020.10
cg00783104	8.12E-08	9.37E-09	-6	9.0346075	-6.37E-02	41655894	41656017	NC_000008.10
cg03293308	8.13E-08	9.37E-09	-6	9.034384	-8.80E-02	223065390	223065513	NC_000002.11
cg18391427	8.13E-08	9.38E-09	-6	9.0336894	-2.18E-02	34122800	34122923	NC_000017.10
cg22660370	8.14E-08	9.39E-09	-6	9.0327743	-1.22E-01	64132778	64132901	NC_000008.10

cg18732546	8.14E-08	9.39E-09	-6	9.0327085	-7.88E-02	105309812	105309935	NC_000014.8
cg19282443	8.14E-08	9.39E-09	-6	9.0324616	-1.06E-01	60541935	60542058	NC_000003.11
cg07326413	8.14E-08	9.40E-09	-6	9.0321558	-9.10E-02	78060295	78060418	NC_000015.9
cg19716433	8.15E-08	9.40E-09	-6	9.0314281	-7.13E-02	103589780	103589903	NC_000014.8
cg04582672	8.17E-08	9.43E-09	-6	9.0290105	-1.06E-01	97127338	97127461	NC_000014.8
cg20558612	8.17E-08	9.43E-09	-6	9.0286361	-1.13E-01	19050135	19050258	NC_000007.13
ch.7.3333777R	8.17E-08	9.43E-09	-6	9.0283955	-1.39E-02	156646977	156647100	NC_000007.13
cg01400822	8.18E-08	9.44E-09	-6	9.0279155	-8.53E-02	53067365	53067488	NC_000001.10
cg10929299	8.18E-08	9.44E-09	-6	9.0275883	-3.90E-02	50334860	50334983	NC_000014.8
cg02039712	8.18E-08	9.44E-09	-6	9.0275721	-3.72E-02	65425874	65425997	NC_000015.9
cg26165660	8.18E-08	9.44E-09	-6	9.0273847	-5.78E-02	76363767	76363890	NC_000012.11
cg13921220	8.18E-08	9.44E-09	-6	9.0271365	-8.55E-02	18610522	18610645	NC_000001.10
cg21919809	8.19E-08	9.45E-09	-6	9.0267717	-1.50E-01	36132842	36132965	NC_000019.9
cg15659093	8.19E-08	9.45E-09	-6	9.02675	-1.09E-02	66278037	66278160	NC_000011.9
cg10374402	8.19E-08	9.45E-09	-6	9.0264044	-1.42E-01	82300600	82300723	NC_000010.10
cg16592378	8.19E-08	9.45E-09	-6	9.0261636	-1.25E-01	126498687	126498810	NC_000011.9
cg01690119	8.21E-08	9.48E-09	-6	9.0237328	-6.93E-02	88511822	88511945	NC_000016.9
cg00252418	8.22E-08	9.49E-09	-6	9.0221839	-9.47E-02	154540325	154540448	NC_000007.13
cg27118968	8.22E-08	9.50E-09	-6	9.0218682	-2.09E-02	161090472	161090595	NC_000003.11
cg26434548	8.23E-08	9.50E-09	-6	9.0214772	-2.85E-02	129074607	129074730	NC_000007.13
cg08354751	8.23E-08	9.50E-09	-6	9.0213594	-6.35E-02	11450712	11450835	NC_000016.9
cg19771626	8.23E-08	9.51E-09	-6	9.020697	-1.03E-01	133127043	133127166	NC_000012.11
cg15227231	8.23E-08	9.51E-09	-6	9.0205808	-1.04E-01	170467425	170467548	NC_000006.11
cg13781498	8.24E-08	9.51E-09	-6	9.0201685	-6.63E-02	85491153	85491276	NC_000015.9
cg09718987	8.24E-08	9.52E-09	-6	9.0197394	-6.00E-02	75275351	75275474	NC_000002.11

cg06156768	8.24E-08	9.52E-09	-6	9.019621	-2.29E-02	128983279	128983402	NC_000004.11
cg18076767	8.24E-08	9.52E-09	-6	9.0192273	-1.07E-01	86453358	86453481	NC_000011.9
cg08007378	8.25E-08	9.52E-09	-6	9.0189046	-8.57E-02	83477915	83478038	NC_000015.9
cg27470303	8.25E-08	9.52E-09	-6	9.0188136	-1.49E-02	21823447	21823570	NC_000010.10
cg00495476	8.25E-08	9.53E-09	-6	9.0187438	-8.65E-02	168061660	168061783	NC_000006.11
cg25471987	8.25E-08	9.53E-09	-6	9.0184182	-1.06E-01	45123607	45123730	NC_000010.10
cg04881903	8.25E-08	9.53E-09	-6	9.0183844	-9.86E-02	85637116	85637239	NC_000002.11
cg24740818	8.25E-08	9.53E-09	-6	9.0180441	-5.66E-02	76440405	76440528	NC_000015.9
cg10028038	8.26E-08	9.54E-09	-6	9.0170691	-3.21E-02	31510382	31510505	NC_000006.11
cg20107668	8.27E-08	9.55E-09	-6	9.0160984	-9.34E-02	113624471	113624594	NC_000013.10
cg04939749	8.28E-08	9.56E-09	-6	9.0151422	-1.60E-02	178417898	178418021	NC_000002.11
cg01155190	8.28E-08	9.57E-09	-6	9.0143329	-2.51E-02	9347973	9348096	NC_000002.11
cg23982617	8.28E-08	9.57E-09	-6	9.0142518	-2.86E-02	43509267	43509390	NC_000017.10
cg13165753	8.29E-08	9.57E-09	-6	9.0140049	-7.53E-02	216301341	216301464	NC_000002.11
cg07590638	8.29E-08	9.57E-09	-6	9.0139322	-5.17E-02	38631548	38631671	NC_000005.9
cg21426218	8.29E-08	9.58E-09	-6	9.0133441	-8.02E-02	42350667	42350790	NC_000020.10
cg12107431	8.29E-08	9.58E-09	-6	9.0130757	-1.86E-02	50913116	50913239	NC_000022.10
cg12236845	8.30E-08	9.59E-09	-6	9.0125471	-1.03E-01	76105953	76106076	NC_000012.11
cg00790020	8.30E-08	9.59E-09	-6	9.0117768	-9.41E-02	1765477	1765600	NC_000008.10
cg10208649	8.31E-08	9.60E-09	-6	9.0113409	-3.47E-02	96858368	96858491	NC_000014.8
cg19363546	8.31E-08	9.60E-09	-6	9.0109127	-4.31E-02	120110701	120110824	NC_000011.9
cg26565120	8.31E-08	9.60E-09	-6	9.0107711	-1.04E-01	29635776	29635899	NC_000008.10
cg15048902	8.31E-08	9.61E-09	-6	9.0104901	-5.20E-02	112097877	112098000	NC_000011.9
cg05839767	8.31E-08	9.61E-09	-6	9.0103935	-3.35E-02	119914248	119914371	NC_000002.11
cg08767708	8.32E-08	9.61E-09	-6	9.009962	-1.88E-02	73082503	73082626	NC_000016.9

cg10932289	8.32E-08	9.61E-09	-6	9.0097974	-4.31E-02	55038442	55038565	NC_000017.10
cg03860400	8.33E-08	9.62E-09	-6	9.0089525	-7.00E-02	13485289	13485412	NC_000011.9
cg12145564	8.33E-08	9.63E-09	-6	9.0079412	-1.23E-01	67220263	67220386	NC_000011.9
cg27239243	8.34E-08	9.64E-09	-6	9.006879	-1.22E-01	101945867	101945990	NC_000002.11
cg15266205	8.34E-08	9.64E-09	-6	9.0067845	-1.01E-01	15749418	15749541	NC_000012.11
cg06325540	8.34E-08	9.64E-09	-6	9.0066995	-1.01E-01	1183618	1183741	NC_000016.9
cg23183069	8.35E-08	9.65E-09	-6	9.0060065	-1.18E-01	168778242	168778365	NC_000006.11
cg03123136	8.36E-08	9.66E-09	-6	9.0050288	-1.19E-01	131132828	131132951	NC_000002.11
cg13740834	8.36E-08	9.67E-09	-5.99	9.0042276	-8.69E-02	93926617	93926740	NC_000007.13
cg20199738	8.36E-08	9.67E-09	-5.99	9.0040718	-3.89E-02	103251433	103251556	NC_000008.10
cg26226167	8.37E-08	9.68E-09	-5.99	9.0031083	-9.60E-02	114737002	114737125	NC_000007.13
cg27460531	8.38E-08	9.69E-09	-5.99	9.0022557	-1.11E-01	78791723	78791846	NC_000017.10
cg20946991	8.38E-08	9.69E-09	-5.99	9.002031	-1.29E-01	56213304	56213427	NC_000001.10
cg07274253	8.38E-08	9.69E-09	-5.99	9.0016328	-1.24E-01	10330984	10331107	NC_000005.9
cg08393788	8.39E-08	9.70E-09	-5.99	9.0013123	-1.19E-01	53357721	53357844	NC_000002.11
cg13880303	8.39E-08	9.71E-09	-5.99	9.0004054	-1.14E-01	45417814	45417937	NC_000019.9
cg10908953	8.40E-08	9.71E-09	-5.99	8.9996002	-6.79E-02	121322456	121322579	NC_000011.9
cg25936876	8.40E-08	9.72E-09	-5.99	8.9993453	-7.67E-02	6484687	6484810	NC_000008.10
cg15931850	8.41E-08	9.72E-09	-5.99	8.9986389	-8.83E-02	1550089	1550212	NC_000004.11
cg14618635	8.41E-08	9.72E-09	-5.99	8.9986217	-6.11E-02	114836121	114836244	NC_000009.11
cg00302160	8.41E-08	9.73E-09	-5.99	8.9978613	-7.79E-02	10030945	10031068	NC_000008.10
cg06285575	8.41E-08	9.73E-09	-5.99	8.9977115	-6.66E-02	31888794	31888917	NC_000016.9
cg07381000	8.42E-08	9.74E-09	-5.99	8.9973962	-4.22E-02	53190613	53190736	NC_000003.11
cg21773633	8.43E-08	9.75E-09	-5.99	8.9958907	-1.17E-01	112375324	112375447	NC_000006.11
cg24715767	8.44E-08	9.77E-09	-5.99	8.9943466	-7.06E-02	14136518	14136641	NC_000001.10

cg25520440	8.45E-08	9.77E-09	-5.99	8.9938846	-1.19E-01	1734190	1734313	NC_000007.13
cg18901895	8.45E-08	9.78E-09	-5.99	8.9932689	-3.16E-02	90168351	90168474	NC_000014.8
cg19415364	8.45E-08	9.78E-09	-5.99	8.9929269	-6.09E-02	79479885	79480008	NC_000017.10
cg22755932	8.45E-08	9.78E-09	-5.99	8.9928573	-4.12E-02	98504668	98504791	NC_000015.9
cg18226096	8.46E-08	9.78E-09	-5.99	8.9925514	-7.36E-02	76818207	76818330	NC_000010.10
cg21107889	8.47E-08	9.80E-09	-5.99	8.9906414	-7.99E-02	34802732	34802855	NC_000018.9
cg24703717	8.48E-08	9.81E-09	-5.99	8.9900999	-3.17E-02	29691168	29691291	NC_000006.11
cg25408901	8.48E-08	9.81E-09	-5.99	8.9899064	-7.23E-02	50679743	50679866	NC_000005.9
cg25104233	8.48E-08	9.81E-09	-5.99	8.9896838	-1.42E-01	18158708	18158831	NC_000002.11
cg05712125	8.48E-08	9.81E-09	-5.99	8.9896459	-7.43E-02	9513980	9514103	NC_000001.10
cg17920789	8.48E-08	9.82E-09	-5.99	8.9893919	-1.40E-01	47152525	47152648	NC_000013.10
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cg03527802	8.50E-08	9.83E-09	-5.99	8.9875635	-1.13E-01	29819931	29820054	NC_000016.9
cg20734219	8.50E-08	9.84E-09	-5.99	8.9872444	-1.23E-01	146453021	146453144	NC_000005.9
cg27068996	8.50E-08	9.84E-09	-5.99	8.9871861	-1.08E-01	51513883	51514006	NC_000019.9
cg20710824	8.50E-08	9.84E-09	-5.99	8.9871591	-9.36E-02	80560593	80560716	NC_000017.10
cg09631175	8.50E-08	9.84E-09	-5.99	8.9868955	-1.18E-01	130472165	130472288	NC_000008.10
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cg01890836	8.51E-08	9.85E-09	-5.99	8.9856277	-1.09E-01	17055584	17055707	NC_000017.10
cg13598409	8.51E-08	9.86E-09	-5.99	8.9854718	-7.68E-02	43374239	43374362	NC_000020.10
cg09260603	8.52E-08	9.86E-09	-5.99	8.9853379	-1.62E-02	206809102	206809225	NC_000001.10
cg04754916	8.52E-08	9.86E-09	-5.99	8.9853338	-1.74E-02	10381498	10381621	NC_000019.9
cg17906803	8.52E-08	9.86E-09	-5.99	8.9852204	-1.13E-01	19587393	19587516	NC_000001.10
cg11067179	8.52E-08	9.86E-09	-5.99	8.9851433	-1.03E-01	66083541	66083664	NC_000011.9
cg05407490	8.54E-08	9.88E-09	-5.99	8.9828885	-1.54E-01	23749667	23749790	NC_000007.13

cg17289734	8.54E-08	9.89E-09	-5.99	8.9819563	-3.69E-02	50310641	50310764	NC_000003.11
cg10918927	8.54E-08	9.89E-09	-5.99	8.9819055	-5.43E-02	54411193	54411316	NC_000012.11
cg04565255	8.55E-08	9.90E-09	-5.99	8.9814001	-1.08E-01	77565759	77565882	NC_000013.10
cg08675743	8.55E-08	9.90E-09	-5.99	8.9812911	-8.24E-02	114938439	114938562	NC_000005.9
cg26291818	8.55E-08	9.90E-09	-5.99	8.9811831	-2.70E-02	61429582	61429705	NC_000008.10
cg27106643	8.55E-08	9.90E-09	-5.99	8.9811493	-1.16E-01	77257352	77257475	NC_000018.9
cg16466899	8.55E-08	9.90E-09	-5.99	8.9810567	-7.47E-02	23510693	23510816	NC_000007.13
cg00801465	8.55E-08	9.90E-09	-5.99	8.980991	-1.90E-02	193852989	193853112	NC_000003.11
cg10182355	8.55E-08	9.90E-09	-5.99	8.9809103	-1.97E-02	101768491	101768614	NC_000002.11
cg21890820	8.55E-08	9.90E-09	-5.99	8.9808926	-9.94E-02	65308645	65308768	NC_000011.9
cg09355820	8.55E-08	9.90E-09	-5.99	8.9808093	-1.16E-01	10092237	10092360	NC_000001.10
cg04391800	8.57E-08	9.93E-09	-5.99	8.9785934	-1.45E-01	65779802	65779925	NC_000003.11
cg05670193	8.57E-08	9.93E-09	-5.99	8.9783291	-1.11E-01	45324246	45324369	NC_000019.9
cg20931134	8.58E-08	9.94E-09	-5.99	8.977509	-8.04E-02	69045498	69045621	NC_000014.8
cg25408314	8.59E-08	9.95E-09	-5.99	8.9764701	-1.87E-01	33350043	33350166	NC_000017.10
cg01763821	8.60E-08	9.96E-09	-5.99	8.9748461	-1.68E-02	59397510	59397633	NC_000015.9
cg00504410	8.61E-08	9.97E-09	-5.99	8.973996	-6.95E-02	4732262	4732385	NC_000016.9
cg07824483	8.61E-08	9.98E-09	-5.99	8.9735986	-8.07E-02	79882042	79882165	NC_000017.10
cg04757350	8.61E-08	9.98E-09	-5.99	8.9734845	-1.02E-01	71529128	71529251	NC_000010.10
cg14487111	8.61E-08	9.98E-09	-5.99	8.973225	-1.03E-01	137032976	137033099	NC_000009.11
cg15997484	8.62E-08	9.99E-09	-5.99	8.9726054	-3.68E-02	62859461	62859584	NC_000003.11
cg10016348	8.63E-08	1.00E-08	-5.99	8.9712869	-6.55E-02	39436183	39436306	NC_000022.10
cg21422770	8.63E-08	1.00E-08	-5.99	8.9711297	-3.26E-02	38362632	38362755	NC_000021.8
cg20710667	8.63E-08	1.00E-08	-5.99	8.9709735	-9.38E-02	6736922	6737045	NC_000008.10
cg12178904	8.63E-08	1.00E-08	-5.99	8.9706726	-1.55E-01	205632052	205632175	NC_000001.10

cg18965055	8.63E-08	1.00E-08	-5.99	8.9706194	-2.47E-02	174291932	174292055	NC_000004.11
cg08762247	8.64E-08	1.00E-08	-5.99	8.9694586	-1.22E-01	53800372	53800495	NC_000017.10
cg18259253	8.64E-08	1.00E-08	-5.99	8.9693701	-1.03E-01	60745986	60746109	NC_000005.9
cg22508615	8.65E-08	1.00E-08	-5.99	8.9690178	-4.35E-02	94351955	94352078	NC_000010.10
cg18861917	8.66E-08	1.00E-08	-5.99	8.9670607	-8.24E-02	69148624	69148747	NC_000009.11
cg03108296	8.66E-08	1.00E-08	-5.99	8.9670422	-8.27E-02	56185096	56185219	NC_000001.10
cg04107082	8.66E-08	1.00E-08	-5.99	8.9669935	-6.63E-02	61245442	61245565	NC_000002.11
cg08660562	8.67E-08	1.01E-08	-5.99	8.9662125	-1.53E-01	66627900	66628023	NC_000012.11
cg16456596	8.67E-08	1.01E-08	-5.99	8.9661168	-7.95E-02	8313504	8313627	NC_000008.10
cg10168434	8.67E-08	1.01E-08	-5.99	8.9659085	-3.85E-02	71295172	71295295	NC_000002.11
cg01026233	8.68E-08	1.01E-08	-5.99	8.9647982	-1.06E-01	206713941	206714064	NC_000002.11
cg04697624	8.68E-08	1.01E-08	-5.99	8.9647563	-1.26E-01	69002178	69002301	NC_000012.11
cg00862588	8.68E-08	1.01E-08	-5.99	8.9647048	-1.04E-01	32909397	32909520	NC_000006.11
cg15249164	8.68E-08	1.01E-08	-5.99	8.9646237	-3.91E-02	35288186	35288309	NC_000021.8
cg11426224	8.68E-08	1.01E-08	-5.99	8.9644443	-4.11E-02	54567248	54567371	NC_000012.11
cg24108508	8.69E-08	1.01E-08	-5.99	8.9639312	-5.34E-02	179016233	179016356	NC_000001.10
cg27381194	8.69E-08	1.01E-08	-5.99	8.9638847	-3.08E-02	96932018	96932141	NC_000002.11
cg27469152	8.69E-08	1.01E-08	-5.99	8.9633786	-6.58E-02	56282313	56282436	NC_000017.10
cg08058191	8.70E-08	1.01E-08	-5.99	8.963003	-9.83E-02	39781130	39781253	NC_000017.10
cg16966139	8.70E-08	1.01E-08	-5.99	8.9627409	-9.94E-02	111933757	111933880	NC_000001.10
ch.8.1293020R	8.72E-08	1.01E-08	-5.99	8.9603112	-7.31E-02	59333349	59333472	NC_000008.10
cg07180125	8.72E-08	1.01E-08	-5.99	8.9602905	-1.09E-01	114039492	114039615	NC_000010.10
cg24746938	8.72E-08	1.01E-08	-5.99	8.9601913	-1.25E-01	225543274	225543397	NC_000002.11
cg15827285	8.73E-08	1.01E-08	-5.99	8.9594453	-1.21E-01	31408578	31408701	NC_000005.9
cg05092861	8.73E-08	1.01E-08	-5.99	8.9590903	-6.78E-02	27220034	27220157	NC_000007.13



cg11848496	8.73E-08	1.01E-08	-5.99	8.9589116	-5.23E-02	66571782	66571905	NC_000009.11
cg20215112	8.73E-08	1.01E-08	-5.99	8.9587766	-1.05E-01	43065055	43065178	NC_000017.10
cg18795232	8.73E-08	1.01E-08	-5.99	8.9587212	-1.26E-01	121890163	121890286	NC_000012.11
cg00814909	8.73E-08	1.01E-08	-5.99	8.9586362	-7.58E-02	1225599	1225722	NC_000004.11
cg11956866	8.73E-08	1.01E-08	-5.99	8.9585607	-9.33E-02	31998253	31998376	NC_000022.10
cg03104561	8.73E-08	1.01E-08	-5.99	8.9582686	-4.91E-02	150780086	150780209	NC_000007.13
ch.21.39866785R	8.74E-08	1.01E-08	-5.99	8.9580623	-1.60E-02	40944915	40945038	NC_000021.8
cg23653343	8.74E-08	1.01E-08	-5.99	8.9579727	-1.45E-02	10443541	10443664	NC_000019.9
cg25403488	8.75E-08	1.02E-08	-5.99	8.9564064	-1.48E-01	3221228	3221351	NC_000007.13
cg25987452	8.76E-08	1.02E-08	-5.99	8.9557926	-8.81E-02	20531342	20531465	NC_000013.10
cg18499941	8.76E-08	1.02E-08	-5.99	8.9554735	-1.14E-01	169049825	169049948	NC_000006.11
cg05461503	8.76E-08	1.02E-08	-5.99	8.9553588	-1.20E-01	45837170	45837293	NC_000003.11
cg01912455	8.76E-08	1.02E-08	-5.99	8.9548826	-8.39E-02	24128528	24128651	NC_000022.10
cg17825294	8.77E-08	1.02E-08	-5.99	8.9543217	-7.14E-02	36400340	36400463	NC_000006.11
cg16669339	8.77E-08	1.02E-08	-5.99	8.9542681	-1.18E-01	105428621	105428744	NC_000010.10
cg20706192	8.78E-08	1.02E-08	-5.98	8.953215	-1.52E-02	26241055	26241178	NC_000007.13
cg10490577	8.78E-08	1.02E-08	-5.98	8.9523515	-1.03E-01	30009956	30010079	NC_000013.10
cg19303125	8.79E-08	1.02E-08	-5.98	8.951642	-5.09E-02	108437116	108437239	NC_000006.11
cg10851715	8.79E-08	1.02E-08	-5.98	8.9515695	-1.17E-01	49984830	49984953	NC_000008.10
cg07962043	8.79E-08	1.02E-08	-5.98	8.9511642	-3.70E-02	60691582	60691705	NC_000011.9
cg24054272	8.80E-08	1.02E-08	-5.98	8.9508571	-5.89E-02	155243076	155243199	NC_000001.10
cg19364538	8.80E-08	1.02E-08	-5.98	8.9507705	-1.01E-01	36042394	36042517	NC_000013.10
cg16108823	8.80E-08	1.02E-08	-5.98	8.9506723	-1.02E-01	50925284	50925407	NC_000022.10
cg07354253	8.80E-08	1.02E-08	-5.98	8.9502825	-2.59E-02	131629923	131630046	NC_000005.9
cg27368068	8.80E-08	1.02E-08	-5.98	8.950108	-1.28E-01	13515754	13515877	NC_000003.11

cg01097406	8.81E-08	1.02E-08	-5.98	8.9498437	-1.31E-01	89675127	89675250	NC_000016.9
cg13975062	8.81E-08	1.02E-08	-5.98	8.9488336	-3.45E-02	108308228	108308351	NC_000003.11
cg04320476	8.83E-08	1.03E-08	-5.98	8.9466805	-6.72E-02	1492206	1492329	NC_000017.10
cg02902770	8.84E-08	1.03E-08	-5.98	8.9460231	-8.86E-02	150039406	150039529	NC_000007.13
ch.10.181390F	8.85E-08	1.03E-08	-5.98	8.9451826	-1.29E-02	5940801	5940924	NC_000010.10
ch.20.577701F	8.87E-08	1.03E-08	-5.98	8.941873	-3.06E-02	30139029	30139152	NC_000020.10
cg11277090	8.88E-08	1.03E-08	-5.98	8.9417847	-8.58E-02	72848048	72848171	NC_000017.10
cg18319984	8.88E-08	1.03E-08	-5.98	8.9416929	-1.32E-01	30374748	30374871	NC_000021.8
cg09248944	8.88E-08	1.03E-08	-5.98	8.9416185	-5.91E-02	160654499	160654622	NC_000002.11
cg26581729	8.88E-08	1.03E-08	-5.98	8.941083	-1.04E-01	139939792	139939915	NC_000009.11
cg25320388	8.88E-08	1.03E-08	-5.98	8.9408765	-1.85E-01	6767766	6767889	NC_000011.9
cg05226283	8.88E-08	1.03E-08	-5.98	8.9404978	-7.84E-02	21560355	21560478	NC_000009.11
cg11808639	8.89E-08	1.03E-08	-5.98	8.9401978	-5.39E-02	132439921	132440044	NC_000002.11
cg02899870	8.90E-08	1.03E-08	-5.98	8.9390838	-1.44E-01	32263104	32263227	NC_000020.10
ch.16.1297358F	8.91E-08	1.03E-08	-5.98	8.9380269	-5.44E-02	58601671	58601794	NC_000016.9
cg04187185	8.91E-08	1.03E-08	-5.98	8.9378201	-1.59E-01	43396953	43397076	NC_000005.9
cg23002097	8.91E-08	1.04E-08	-5.98	8.9373268	-3.05E-02	58898625	58898748	NC_000019.9
cg23324259	8.92E-08	1.04E-08	-5.98	8.9369301	-1.81E-02	82754387	82754510	NC_000008.10
cg23873996	8.96E-08	1.04E-08	-5.98	8.9320248	-1.04E-01	170467487	170467610	NC_000006.11
cg13838969	8.96E-08	1.04E-08	-5.98	8.9318787	-9.87E-02	56283964	56284087	NC_000020.10
cg00660817	8.96E-08	1.04E-08	-5.98	8.9314182	-8.12E-02	132073706	132073829	NC_000005.9
cg06193766	8.97E-08	1.04E-08	-5.98	8.9307478	-9.80E-02	375391	375514	NC_000010.10
cg09012091	8.98E-08	1.04E-08	-5.98	8.9300305	-1.26E-01	24431322	24431445	NC_000006.11
cg05543443	8.98E-08	1.04E-08	-5.98	8.9296981	-6.47E-02	35574064	35574187	NC_000005.9
cg23202949	8.99E-08	1.05E-08	-5.98	8.9282117	-4.33E-02	124519807	124519930	NC_000008.10

cg24951100	9.00E-08	1.05E-08	-5.98	8.9272301	-7.56E-02	13760075	13760198	NC_000010.10
cg16159491	9.00E-08	1.05E-08	-5.98	8.9271647	-2.12E-02	24115290	24115413	NC_000022.10
cg03943826	9.00E-08	1.05E-08	-5.98	8.9270867	-3.28E-02	72612556	72612679	NC_000015.9
cg14266156	9.01E-08	1.05E-08	-5.98	8.925834	-1.05E-01	54829018	54829141	NC_000017.10
cg04388863	9.01E-08	1.05E-08	-5.98	8.9257917	-1.13E-01	48269349	48269472	NC_000016.9
cg05169499	9.01E-08	1.05E-08	-5.98	8.9256587	-7.75E-02	52673946	52674069	NC_000012.11
cg04898719	9.02E-08	1.05E-08	-5.98	8.9250414	-7.35E-02	52456918	52457041	NC_000001.10
cg10762570	9.02E-08	1.05E-08	-5.98	8.924511	-1.25E-01	34906118	34906241	NC_000014.8
cg23546512	9.03E-08	1.05E-08	-5.98	8.924116	-1.25E-01	125160999	125161122	NC_000012.11
cg15407213	9.03E-08	1.05E-08	-5.98	8.9238105	-9.89E-02	33145550	33145673	NC_000006.11
cg22996170	9.04E-08	1.05E-08	-5.98	8.9224801	-1.30E-01	12895529	12895652	NC_000019.9
cg15898536	9.04E-08	1.05E-08	-5.98	8.9219069	-1.09E-01	1753301	1753424	NC_000005.9
cg24698211	9.05E-08	1.05E-08	-5.98	8.9214732	-1.26E-01	170877540	170877663	NC_000005.9
cg15616888	9.05E-08	1.05E-08	-5.98	8.9214532	-2.59E-02	140397014	140397137	NC_000007.13
cg15622352	9.05E-08	1.05E-08	-5.98	8.9210727	-9.33E-02	2334949	2335072	NC_000011.9
cg19220825	9.06E-08	1.05E-08	-5.98	8.9195473	-9.70E-02	50353951	50354074	NC_000012.11
cg12984254	9.07E-08	1.05E-08	-5.98	8.9194351	-9.85E-02	5825437	5825560	NC_000007.13
cg09299086	9.07E-08	1.05E-08	-5.98	8.9194074	-9.67E-02	17746438	17746561	NC_000001.10
cg27376024	9.07E-08	1.05E-08	-5.98	8.9192862	-1.44E-01	63273565	63273688	NC_000011.9
cg04900893	9.07E-08	1.06E-08	-5.98	8.9185898	-1.16E-01	11996327	11996450	NC_000008.10
cg27297441	9.09E-08	1.06E-08	-5.98	8.9170237	-1.29E-01	134918671	134918794	NC_000010.10
cg26581484	9.09E-08	1.06E-08	-5.98	8.9165059	-1.86E-02	56223915	56224038	NC_000012.11
cg01123729	9.10E-08	1.06E-08	-5.98	8.9152262	-1.92E-02	40169510	40169633	NC_000017.10
cg23081488	9.11E-08	1.06E-08	-5.98	8.9147369	-5.16E-02	210616647	210616770	NC_000002.11
cg24950336	9.11E-08	1.06E-08	-5.98	8.9139108	-3.36E-02	113464879	113465002	NC_000003.11

cg27120488	9.12E-08	1.06E-08	-5.98	8.9128966	-5.05E-02	208047873	208047996	NC_000002.11
cg14245135	9.13E-08	1.06E-08	-5.98	8.9124091	-4.96E-02	47755742	47755865	NC_000017.10
cg08099136	9.14E-08	1.06E-08	-5.98	8.9114569	-1.43E-01	32811251	32811374	NC_000006.11
cg07836831	9.14E-08	1.06E-08	-5.98	8.9113257	-3.92E-02	2460865	2460988	NC_000001.10
cg07570055	9.16E-08	1.07E-08	-5.98	8.9087553	-6.62E-02	233387088	233387211	NC_000002.11
cg23098621	9.16E-08	1.07E-08	-5.98	8.9081911	-8.66E-02	111807941	111808064	NC_000012.11
cg17258195	9.17E-08	1.07E-08	-5.98	8.9080256	-7.06E-02	74466337	74466460	NC_000015.9
cg12199376	9.17E-08	1.07E-08	-5.98	8.9079693	-8.81E-02	67881521	67881644	NC_000014.8
cg16771652	9.17E-08	1.07E-08	-5.98	8.9076516	-1.10E-01	50730385	50730508	NC_000016.9
cg15384717	9.17E-08	1.07E-08	-5.98	8.9074669	-3.57E-02	150294084	150294207	NC_000001.10
cg18730511	9.18E-08	1.07E-08	-5.98	8.9063374	-7.62E-02	50435413	50435536	NC_000022.10
cg00087274	9.18E-08	1.07E-08	-5.98	8.9060444	-6.00E-02	124856760	124856883	NC_000003.11
cg20618842	9.19E-08	1.07E-08	-5.98	8.9049559	-2.73E-02	114521572	114521695	NC_000001.10
cg24046927	9.19E-08	1.07E-08	-5.98	8.904926	-1.35E-02	87794131	87794254	NC_000001.10
cg06192289	9.20E-08	1.07E-08	-5.98	8.90452	-1.96E-02	102513805	102513928	NC_000012.11
cg05438378	9.20E-08	1.07E-08	-5.98	8.9036691	-7.63E-02	67383736	67383859	NC_000015.9
cg26940122	9.21E-08	1.07E-08	-5.97	8.9028215	-1.41E-01	3397061	3397184	NC_000001.10
cg02786012	9.21E-08	1.07E-08	-5.97	8.902581	-6.36E-02	57371589	57371712	NC_000004.11
cg15239579	9.23E-08	1.07E-08	-5.97	8.9008413	-9.63E-02	3767978	3768101	NC_000016.9
cg10848724	9.23E-08	1.08E-08	-5.97	8.9006738	-5.98E-02	123380878	123381001	NC_000012.11
cg18027683	9.23E-08	1.08E-08	-5.97	8.900184	-1.24E-01	86047660	86047783	NC_000001.10
cg02551604	9.25E-08	1.08E-08	-5.97	8.8983625	-7.40E-02	131831745	131831868	NC_000005.9
cg01470535	9.25E-08	1.08E-08	-5.97	8.8983278	-1.14E-01	74963112	74963235	NC_000004.11
cg02866761	9.26E-08	1.08E-08	-5.97	8.8976739	-4.58E-02	17565664	17565787	NC_000022.10
cg26761744	9.26E-08	1.08E-08	-5.97	8.8972857	-1.47E-01	11779039	11779162	NC_000006.11

cg17397159	9.26E-08	1.08E-08	-5.97	8.8970925	-6.85E-02	720144	720267	NC_000004.11
cg11541486	9.26E-08	1.08E-08	-5.97	8.8969833	-9.17E-02	72358055	72358178	NC_000017.10
cg22487391	9.26E-08	1.08E-08	-5.97	8.8969515	-9.42E-02	95437072	95437195	NC_000001.10
cg00093080	9.26E-08	1.08E-08	-5.97	8.8968326	-5.99E-02	117421224	117421347	NC_000012.11
cg14630382	9.29E-08	1.08E-08	-5.97	8.8941918	-3.51E-02	13824396	13824519	NC_000018.9
cg24938956	9.29E-08	1.08E-08	-5.97	8.8939761	-1.76E-02	4670603	4670726	NC_000019.9
ch.14.44741640R	9.29E-08	1.08E-08	-5.97	8.8936495	-6.05E-02	45671890	45672013	NC_000014.8
cg18031661	9.30E-08	1.08E-08	-5.97	8.8932553	-1.26E-01	163133751	163133874	NC_000005.9
cg24828746	9.30E-08	1.08E-08	-5.97	8.8926079	-1.55E-01	4051723	4051846	NC_000019.9
cg10481560	9.31E-08	1.09E-08	-5.97	8.8915395	-1.08E-01	1597444	1597567	NC_000011.9
cg01731360	9.31E-08	1.09E-08	-5.97	8.8914985	-6.94E-02	49736671	49736794	NC_000005.9
cg08957484	9.33E-08	1.09E-08	-5.97	8.8894245	-8.08E-02	132083532	132083655	NC_000005.9
cg01174276	9.33E-08	1.09E-08	-5.97	8.8892967	-8.96E-02	39805850	39805973	NC_000019.9
cg04872399	9.33E-08	1.09E-08	-5.97	8.8887964	-1.01E-01	201346784	201346907	NC_000001.10
cg00495442	9.34E-08	1.09E-08	-5.97	8.8885267	-1.96E-02	37101172	37101295	NC_000020.10
cg14651896	9.34E-08	1.09E-08	-5.97	8.8879106	-4.35E-02	124094730	124094853	NC_000009.11
ch.15.811911R	9.36E-08	1.09E-08	-5.97	8.8864569	-3.02E-02	59455505	59455628	NC_000015.9
cg18808777	9.37E-08	1.09E-08	-5.97	8.8845485	-1.51E-01	31431503	31431626	NC_000006.11
cg06089684	9.39E-08	1.09E-08	-5.97	8.8828926	-3.84E-02	63783375	63783498	NC_000001.10
cg06828505	9.40E-08	1.10E-08	-5.97	8.8817296	-8.81E-02	111577981	111578104	NC_000003.11
cg27504738	9.41E-08	1.10E-08	-5.97	8.8807543	-1.29E-01	66564266	66564389	NC_000012.11
cg04389328	9.41E-08	1.10E-08	-5.97	8.8807051	-6.49E-02	20104991	20105114	NC_000022.10
cg13874739	9.41E-08	1.10E-08	-5.97	8.8802593	-1.39E-01	129244236	129244359	NC_000011.9
cg19088141	9.42E-08	1.10E-08	-5.97	8.8799243	-1.09E-01	113056151	113056274	NC_000001.10
cg02927747	9.42E-08	1.10E-08	-5.97	8.8796828	-8.42E-02	60381593	60381716	NC_000018.9

cg11183156	9.42E-08	1.10E-08	-5.97	8.8795846	-1.16E-01	63273543	63273666	NC_000011.9
cg15831875	9.42E-08	1.10E-08	-5.97	8.8795143	-1.04E-01	245986694	245986817	NC_000001.10
cg18400281	9.43E-08	1.10E-08	-5.97	8.8786178	-1.33E-01	24633303	24633426	NC_000010.10
cg17354880	9.43E-08	1.10E-08	-5.97	8.8780454	-9.32E-02	112658759	112658882	NC_000002.11
cg18692507	9.43E-08	1.10E-08	-5.97	8.8780119	-1.22E-01	36726031	36726154	NC_000013.10
cg14373210	9.44E-08	1.10E-08	-5.97	8.8773296	-9.25E-02	75913786	75913909	NC_000006.11
cg12799790	9.44E-08	1.10E-08	-5.97	8.8772745	-1.07E-01	54071134	54071257	NC_000010.10
cg04519622	9.45E-08	1.10E-08	-5.97	8.8761442	-7.31E-02	82651186	82651309	NC_000013.10
cg16756854	9.46E-08	1.10E-08	-5.97	8.875255	-1.56E-01	66116455	66116578	NC_000011.9
cg06241812	9.46E-08	1.10E-08	-5.97	8.8750194	-9.19E-02	71293694	71293817	NC_000003.11
cg12350762	9.46E-08	1.10E-08	-5.97	8.8745436	-1.15E-01	55106285	55106408	NC_000018.9
cg03291099	9.47E-08	1.10E-08	-5.97	8.8740461	-8.11E-02	50498209	50498332	NC_000022.10
cg06834712	9.48E-08	1.11E-08	-5.97	8.8730275	-1.15E-01	133100405	133100528	NC_000012.11
cg01025720	9.48E-08	1.11E-08	-5.97	8.8729689	-1.45E-01	113346439	113346562	NC_000013.10
cg01197302	9.48E-08	1.11E-08	-5.97	8.8728429	-6.37E-02	4859667	4859790	NC_000007.13
cg00492574	9.48E-08	1.11E-08	-5.97	8.8722024	-1.27E-01	110248385	110248508	NC_000009.11
cg05193430	9.48E-08	1.11E-08	-5.97	8.872088	-3.27E-02	68086242	68086365	NC_000014.8
cg21579578	9.50E-08	1.11E-08	-5.97	8.8704018	-9.96E-02	55262757	55262880	NC_000001.10
cg08526705	9.50E-08	1.11E-08	-5.97	8.8700214	-1.40E-01	128753029	128753152	NC_000008.10
cg00221650	9.51E-08	1.11E-08	-5.97	8.8693367	-1.31E-01	6819650	6819773	NC_000002.11
cg12513221	9.51E-08	1.11E-08	-5.97	8.8692314	-5.71E-02	150744599	150744722	NC_000007.13
cg26528311	9.51E-08	1.11E-08	-5.97	8.8687382	-1.02E-01	38462546	38462669	NC_000001.10
cg06529643	9.52E-08	1.11E-08	-5.97	8.8682788	-8.43E-02	73652288	73652411	NC_000010.10
cg16779295	9.52E-08	1.11E-08	-5.97	8.8681644	-7.09E-02	24438909	24439032	NC_000014.8
cg06207961	9.52E-08	1.11E-08	-5.97	8.8680386	-1.52E-01	108661230	108661353	NC_000001.10

cg08940378	9.53E-08	1.11E-08	-5.97	8.8674163	-7.42E-02	38418343	38418466	NC_000002.11
cg17803993	9.53E-08	1.11E-08	-5.97	8.867371	-1.33E-01	71276214	71276337	NC_000003.11
cg14232108	9.55E-08	1.12E-08	-5.97	8.8649203	-1.30E-01	33202784	33202907	NC_000009.11
cg06885641	9.55E-08	1.12E-08	-5.97	8.8644153	-6.21E-02	67390768	67390891	NC_000001.10
cg26366091	9.56E-08	1.12E-08	-5.97	8.8639299	-1.47E-01	111770274	111770397	NC_000001.10
cg04564000	9.56E-08	1.12E-08	-5.97	8.8634153	-1.61E-01	114343068	114343191	NC_000003.11
cg26100303	9.56E-08	1.12E-08	-5.97	8.8633852	-8.97E-02	114099712	114099835	NC_000003.11
cg13979182	9.57E-08	1.12E-08	-5.97	8.8627408	-2.61E-02	2845120	2845243	NC_000004.11
cg26345142	9.58E-08	1.12E-08	-5.97	8.8615279	-9.57E-02	109305794	109305917	NC_000012.11
cg27024196	9.58E-08	1.12E-08	-5.97	8.8613182	-1.38E-01	181568620	181568743	NC_000003.11
cg01038940	9.58E-08	1.12E-08	-5.97	8.8613059	-7.44E-02	94652135	94652258	NC_000010.10
cg12055940	9.59E-08	1.12E-08	-5.97	8.8601857	-5.75E-02	71421279	71421402	NC_000011.9
cg18678121	9.60E-08	1.12E-08	-5.97	8.8593028	-1.26E-01	12170807	12170930	NC_000010.10
cg00205658	9.62E-08	1.12E-08	-5.97	8.8566737	-2.02E-02	120628002	120628125	NC_000007.13
cg09056039	9.63E-08	1.13E-08	-5.97	8.8559913	-5.55E-02	15231470	15231593	NC_000016.9
cg06552549	9.64E-08	1.13E-08	-5.97	8.8555624	-6.11E-02	2051251	2051374	NC_000019.9
cg12504415	9.64E-08	1.13E-08	-5.97	8.855495	-5.73E-02	74722752	74722875	NC_000017.10
cg08795948	9.64E-08	1.13E-08	-5.97	8.855436	-1.43E-01	128337044	128337167	NC_000003.11
cg02647990	9.64E-08	1.13E-08	-5.97	8.8551466	-1.85E-02	196230837	196230960	NC_000003.11
cg16807577	9.64E-08	1.13E-08	-5.97	8.8545108	-3.93E-02	22019998	22020121	NC_000016.9
cg02963119	9.65E-08	1.13E-08	-5.97	8.8543814	-1.00E-01	450970	451093	NC_000016.9
cg02345613	9.65E-08	1.13E-08	-5.97	8.8543258	-9.40E-02	141619483	141619606	NC_000008.10
cg10608948	9.66E-08	1.13E-08	-5.97	8.8527101	-1.37E-01	6478486	6478609	NC_000017.10
cg24560920	9.66E-08	1.13E-08	-5.97	8.8526579	-1.19E-01	179344387	179344510	NC_000002.11
cg19940077	9.67E-08	1.13E-08	-5.96	8.8517628	-1.20E-01	200842282	200842405	NC_000001.10

cg21638533	9.67E-08	1.13E-08	-5.96	8.8516607	-9.23E-02	6658625	6658748	NC_000012.11
cg07278624	9.68E-08	1.13E-08	-5.96	8.850902	-5.68E-02	106696673	106696796	NC_000012.11
cg23712970	9.68E-08	1.13E-08	-5.96	8.8501649	-5.14E-02	23540735	23540858	NC_000014.8
cg25661397	9.69E-08	1.13E-08	-5.96	8.8499276	-8.89E-02	37521150	37521273	NC_000017.10
cg17878501	9.69E-08	1.13E-08	-5.96	8.8498086	-1.14E-01	152215049	152215172	NC_000003.11
cg08463231	9.70E-08	1.13E-08	-5.96	8.8488073	-9.90E-02	78103228	78103351	NC_000015.9
cg11619961	9.70E-08	1.13E-08	-5.96	8.8480215	-1.29E-01	149792840	149792963	NC_000005.9
cg18587499	9.70E-08	1.13E-08	-5.96	8.8479799	-8.94E-02	94121146	94121269	NC_000014.8
cg17463564	9.71E-08	1.14E-08	-5.96	8.8470045	-9.88E-02	384587	384710	NC_000010.10
cg04084157	9.72E-08	1.14E-08	-5.96	8.8457514	-6.74E-02	100809049	100809172	NC_000007.13
cg04976330	9.73E-08	1.14E-08	-5.96	8.8455223	-1.01E-01	31480640	31480763	NC_000001.10
cg14628604	9.73E-08	1.14E-08	-5.96	8.8453942	-6.43E-02	157646701	157646824	NC_000007.13
cg09166091	9.73E-08	1.14E-08	-5.96	8.8447975	-1.03E-01	216484055	216484178	NC_000002.11
cg04206637	9.74E-08	1.14E-08	-5.96	8.8437138	-1.19E-01	63202277	63202400	NC_000005.9
cg03070095	9.75E-08	1.14E-08	-5.96	8.843076	-2.28E-02	80656113	80656236	NC_000017.10
cg01197891	9.75E-08	1.14E-08	-5.96	8.8427562	-3.68E-02	57843787	57843910	NC_000004.11
cg16324633	9.75E-08	1.14E-08	-5.96	8.842521	-1.47E-01	43397167	43397290	NC_000005.9
cg21926077	9.76E-08	1.14E-08	-5.96	8.8418767	-6.58E-02	1503812	1503935	NC_000019.9
cg04722620	9.77E-08	1.14E-08	-5.96	8.8412242	-4.23E-02	54982598	54982721	NC_000019.9
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cg03636532	9.81E-08	1.15E-08	-5.96	8.8365418	-1.22E-01	55107236	55107359	NC_000018.9



cg12283482	9.81E-08	1.15E-08	-5.96	8.8362687	-1.08E-01	57254754	57254877	NC_000004.11
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cg15096465	9.82E-08	1.15E-08	-5.96	8.8349262	-1.66E-01	396979	397102	NC_000010.10
cg08959039	9.83E-08	1.15E-08	-5.96	8.8348797	-1.32E-01	111062266	111062389	NC_000013.10
cg27278729	9.83E-08	1.15E-08	-5.96	8.8348388	-1.04E-01	61666595	61666718	NC_000011.9
cg17462962	9.83E-08	1.15E-08	-5.96	8.8346378	-1.01E-01	154347281	154347404	NC_000005.9
cg08674885	9.83E-08	1.15E-08	-5.96	8.8344216	-1.10E-01	49832881	49833004	NC_000008.10
cg11077171	9.84E-08	1.15E-08	-5.96	8.8331817	-8.82E-02	74881051	74881174	NC_000015.9
cg09028008	9.84E-08	1.15E-08	-5.96	8.8328643	-9.07E-02	19615080	19615203	NC_000001.10
cg02940362	9.86E-08	1.15E-08	-5.96	8.8308446	-1.29E-01	5009201	5009324	NC_000011.9
cg11729934	9.86E-08	1.16E-08	-5.96	8.830535	-1.05E-01	1601693	1601816	NC_000006.11
cg03985360	9.87E-08	1.16E-08	-5.96	8.8302961	-1.32E-01	13960140	13960263	NC_000007.13
cg07978738	9.87E-08	1.16E-08	-5.96	8.8300914	-1.13E-01	116298339	116298462	NC_000010.10
cg07575166	9.87E-08	1.16E-08	-5.96	8.829881	-6.67E-02	32599433	32599556	NC_000016.9
cg19595170	9.87E-08	1.16E-08	-5.96	8.8298536	-3.81E-02	43139150	43139273	NC_000006.11
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ch.8.2842146R	9.89E-08	1.16E-08	-5.96	8.8275649	-1.31E-02	142203859	142203982	NC_000008.10
cg03508390	9.90E-08	1.16E-08	-5.96	8.8270364	-1.13E-01	124120796	124120919	NC_000003.11
cg04702538	9.91E-08	1.16E-08	-5.96	8.825941	-1.53E-01	16318972	16319095	NC_000017.10
cg07357716	9.91E-08	1.16E-08	-5.96	8.8253927	-1.07E-01	31764211	31764334	NC_000015.9
cg17322667	9.92E-08	1.16E-08	-5.96	8.8250642	-2.26E-02	61159837	61159960	NC_000011.9
cg19751098	9.92E-08	1.16E-08	-5.96	8.8248688	-2.80E-02	4831974	4832097	NC_000019.9
cg12190322	9.94E-08	1.16E-08	-5.96	8.8226985	-1.23E-01	122395107	122395230	NC_000011.9
cg10641258	9.94E-08	1.16E-08	-5.96	8.8225799	-8.00E-02	43484279	43484402	NC_000021.8

cg12629515	9.94E-08	1.17E-08	-5.96	8.8222207	-1.33E-01	27859811	27859934	NC_000006.11
cg14037769	9.94E-08	1.17E-08	-5.96	8.8220755	-1.14E-01	9895799	9895922	NC_000001.10
cg01435137	9.95E-08	1.17E-08	-5.96	8.8219459	-6.11E-02	27255443	27255566	NC_000002.11
cg24121168	9.96E-08	1.17E-08	-5.96	8.8202635	-1.05E-01	58652503	58652626	NC_000003.11
cg03056341	9.97E-08	1.17E-08	-5.96	8.8196039	-2.48E-02	64546100	64546223	NC_000011.9
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cg21618017	9.98E-08	1.17E-08	-5.96	8.8182568	-1.21E-01	124016861	124016984	NC_000012.11
cg24276035	9.99E-08	1.17E-08	-5.96	8.817219	-1.26E-01	42927286	42927409	NC_000019.9
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cg04623371	1.00E-07	1.17E-08	-5.96	8.8159527	-1.49E-01	168768113	168768236	NC_000006.11
cg27083040	1.00E-07	1.17E-08	-5.96	8.8153825	-1.44E-01	148810061	148810184	NC_000005.9
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cg24093139	1.00E-07	1.18E-08	-5.96	8.8133867	-2.83E-02	74582379	74582502	NC_000017.10
cg04917197	1.00E-07	1.18E-08	-5.96	8.8132885	-6.08E-02	112290331	112290454	NC_000010.10
cg21537187	1.00E-07	1.18E-08	-5.96	8.8131888	-1.49E-01	135662562	135662685	NC_000007.13
cg00482020	1.00E-07	1.18E-08	-5.96	8.8131528	-2.73E-02	25026850	25026973	NC_000016.9
cg12057946	1.00E-07	1.18E-08	-5.96	8.8131276	-4.63E-02	120195905	120196028	NC_000011.9
cg26605046	1.00E-07	1.18E-08	-5.96	8.8130137	-1.35E-01	2439731	2439854	NC_000004.11
cg06699286	1.00E-07	1.18E-08	-5.96	8.8125965	-2.01E-02	78980101	78980224	NC_000004.11
cg02239258	1.00E-07	1.18E-08	-5.96	8.8124232	-1.35E-01	8241752	8241875	NC_000008.10
cg23905556	1.00E-07	1.18E-08	-5.96	8.8120196	-8.63E-02	92976846	92976969	NC_000012.11
cg07271757	1.00E-07	1.18E-08	-5.96	8.8116651	-6.68E-02	135127558	135127681	NC_000010.10

cg25542337	1.00E-07	1.18E-08	-5.96	8.8113444	-6.18E-02	2598521	2598644	NC_000007.13
cg07047589	1.00E-07	1.18E-08	-5.96	8.8113304	-1.20E-01	40642998	40643121	NC_000015.9
cg23252902	1.00E-07	1.18E-08	-5.96	8.811038	-1.79E-01	711405	711528	NC_000006.11
cg10495683	1.01E-07	1.18E-08	-5.96	8.8104219	-8.06E-02	94054019	94054142	NC_000001.10
cg17144547	1.01E-07	1.18E-08	-5.96	8.809835	-6.73E-02	46260234	46260357	NC_000011.9
cg05686503	1.01E-07	1.18E-08	-5.96	8.8092208	-4.48E-02	42896426	42896549	NC_000022.10
cg26846592	1.01E-07	1.18E-08	-5.96	8.8090712	-3.55E-02	112195163	112195286	NC_000006.11
cg00381179	1.01E-07	1.18E-08	-5.96	8.8080845	-2.06E-02	134093562	134093685	NC_000003.11
cg13558061	1.01E-07	1.18E-08	-5.96	8.8064933	-3.57E-02	22090124	22090247	NC_000022.10
cg00082285	1.01E-07	1.19E-08	-5.96	8.8045135	-1.03E-01	1097270	1097393	NC_000001.10
cg16232674	1.01E-07	1.19E-08	-5.96	8.8030967	-1.47E-01	37309658	37309781	NC_000022.10
cg05548402	1.01E-07	1.19E-08	-5.96	8.8030839	-1.29E-01	66115853	66115976	NC_000016.9
cg01136183	1.01E-07	1.19E-08	-5.96	8.8026127	-1.14E-01	105351092	105351215	NC_000008.10
cg15215077	1.01E-07	1.19E-08	-5.96	8.8025499	-7.53E-02	119561839	119561962	NC_000006.11
cg15617545	1.02E-07	1.19E-08	-5.95	8.7995738	-1.14E-01	57365018	57365141	NC_000011.9
cg21100638	1.02E-07	1.19E-08	-5.95	8.7992602	-1.19E-01	4337082	4337205	NC_000017.10
cg18112681	1.02E-07	1.19E-08	-5.95	8.798774	-1.25E-01	63303399	63303522	NC_000011.9
cg08460435	1.02E-07	1.19E-08	-5.95	8.7986513	-6.36E-02	109203610	109203733	NC_000001.10
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cg17512989	1.02E-07	1.20E-08	-5.95	8.7973828	-1.12E-01	76344333	76344456	NC_000013.10
cg15651928	1.02E-07	1.20E-08	-5.95	8.7959438	-1.13E-01	32290811	32290934	NC_000020.10
cg17628867	1.02E-07	1.20E-08	-5.95	8.7956346	-4.70E-02	15555115	15555238	NC_000017.10
cg23922134	1.02E-07	1.20E-08	-5.95	8.7954526	-5.44E-02	109403538	109403661	NC_000002.11
cg07481886	1.02E-07	1.20E-08	-5.95	8.7951061	-6.98E-02	32014510	32014633	NC_000006.11
cg00262446	1.02E-07	1.20E-08	-5.95	8.7950954	-1.58E-01	101439228	101439351	NC_000004.11

cg10932868	1.02E-07	1.20E-08	-5.95	8.7949137	-1.01E-01	921992	922115	NC_000011.9
cg07156669	1.02E-07	1.20E-08	-5.95	8.7946779	-1.25E-01	28705245	28705368	NC_000017.10
cg11147886	1.02E-07	1.20E-08	-5.95	8.7945575	-1.54E-01	69598170	69598293	NC_000016.9
cg02981443	1.02E-07	1.20E-08	-5.95	8.7944486	-3.93E-02	31254875	31254998	NC_000017.10
cg03117577	1.02E-07	1.20E-08	-5.95	8.7936015	-8.30E-02	20187457	20187580	NC_000017.10
cg22026150	1.02E-07	1.20E-08	-5.95	8.7935681	-1.12E-01	50653870	50653993	NC_000008.10
cg02749789	1.02E-07	1.20E-08	-5.95	8.7935151	-5.24E-02	1303531	1303654	NC_000017.10
cg00549561	1.02E-07	1.20E-08	-5.95	8.7933045	-5.96E-02	22296110	22296233	NC_000016.9
cg06212498	1.02E-07	1.20E-08	-5.95	8.7925543	-1.58E-02	49045151	49045274	NC_000003.11
cg03521736	1.02E-07	1.20E-08	-5.95	8.7918461	-2.22E-02	291022	291145	NC_000019.9
cg02047547	1.02E-07	1.20E-08	-5.95	8.7913859	-9.07E-02	19126242	19126365	NC_000016.9
cg01799856	1.02E-07	1.20E-08	-5.95	8.7913423	-7.63E-02	37794335	37794458	NC_000017.10
cg14491362	1.02E-07	1.20E-08	-5.95	8.7905691	-1.19E-01	69286344	69286467	NC_000014.8
cg16629179	1.03E-07	1.20E-08	-5.95	8.7903475	-3.65E-02	48278852	48278975	NC_000017.10
cg19653589	1.03E-07	1.21E-08	-5.95	8.7886761	-1.31E-01	2614177	2614300	NC_000019.9
cg10152097	1.03E-07	1.21E-08	-5.95	8.7878492	-1.17E-01	106200350	106200473	NC_000002.11
cg26194090	1.03E-07	1.21E-08	-5.95	8.7860286	-6.58E-02	7269433	7269556	NC_000006.11
cg12720839	1.03E-07	1.21E-08	-5.95	8.7855544	-2.18E-02	55008150	55008273	NC_000001.10
cg02335376	1.03E-07	1.21E-08	-5.95	8.7847813	-8.18E-02	30124880	30125003	NC_000016.9
cg09892671	1.03E-07	1.21E-08	-5.95	8.7845031	-1.25E-01	82951578	82951701	NC_000001.10
cg00007076	1.03E-07	1.21E-08	-5.95	8.7836939	-9.74E-02	67342600	67342723	NC_000008.10
cg10318148	1.03E-07	1.21E-08	-5.95	8.7836121	-9.43E-02	1024673	1024796	NC_000007.13
cg27030336	1.03E-07	1.21E-08	-5.95	8.7827893	-2.21E-02	43798661	43798784	NC_000007.13
cg12812489	1.03E-07	1.21E-08	-5.95	8.7812696	-5.65E-02	40896724	40896847	NC_000017.10
cg15306209	1.03E-07	1.22E-08	-5.95	8.7811349	-1.84E-02	61616451	61616574	NC_000018.9

cg24359926	1.04E-07	1.22E-08	-5.95	8.7790401	-8.08E-02	47138673	47138796	NC_000003.11
cg22669060	1.04E-07	1.22E-08	-5.95	8.7786806	-1.48E-01	34774882	34775005	NC_000021.8
cg19040702	1.04E-07	1.22E-08	-5.95	8.7784813	-6.02E-02	22023833	22023956	NC_000017.10
cg16555466	1.04E-07	1.22E-08	-5.95	8.777194	-1.24E-01	92042333	92042456	NC_000014.8
cg02270689	1.04E-07	1.22E-08	-5.95	8.7768972	-1.20E-01	64836235	64836358	NC_000002.11
cg27453857	1.04E-07	1.22E-08	-5.95	8.7755033	-1.90E-01	4689640	4689763	NC_000017.10
cg22956060	1.04E-07	1.22E-08	-5.95	8.7754102	-1.04E-01	9289747	9289870	NC_000003.11
cg06296169	1.04E-07	1.22E-08	-5.95	8.7748349	-1.10E-01	132230612	132230735	NC_000007.13
cg20430104	1.04E-07	1.22E-08	-5.95	8.7737946	-1.18E-01	47764246	47764369	NC_000007.13
cg27479634	1.04E-07	1.22E-08	-5.95	8.7736431	-8.70E-02	54070545	54070668	NC_000012.11
ch.2.3376566R	1.04E-07	1.22E-08	-5.95	8.7734802	-3.01E-02	166772260	166772383	NC_000002.11
cg05483125	1.04E-07	1.23E-08	-5.95	8.7732359	-9.28E-02	75554060	75554183	NC_000016.9
cg17064870	1.04E-07	1.23E-08	-5.95	8.7729198	-7.42E-02	102394773	102394896	NC_000014.8
cg03259292	1.04E-07	1.23E-08	-5.95	8.7728462	-1.11E-01	88162925	88163048	NC_000010.10
cg25738301	1.04E-07	1.23E-08	-5.95	8.7725092	-6.67E-02	104532524	104532647	NC_000012.11
cg02091341	1.04E-07	1.23E-08	-5.95	8.772354	-3.53E-02	75497728	75497851	NC_000016.9
cg06779253	1.04E-07	1.23E-08	-5.95	8.7714752	-8.95E-02	9375627	9375750	NC_000001.10
cg19725098	1.04E-07	1.23E-08	-5.95	8.7712459	-9.48E-02	35749200	35749323	NC_000017.10
cg26828599	1.04E-07	1.23E-08	-5.95	8.7711683	-1.01E-01	68842998	68843121	NC_000011.9
cg07587746	1.04E-07	1.23E-08	-5.95	8.7709233	-8.03E-02	129180151	129180274	NC_000003.11
cg24500487	1.04E-07	1.23E-08	-5.95	8.7707572	-9.26E-02	89420794	89420917	NC_000010.10
cg09936933	1.04E-07	1.23E-08	-5.95	8.7706705	-7.98E-02	72469551	72469674	NC_000011.9
ch.1.156669547F	1.05E-07	1.23E-08	-5.95	8.7701584	-3.71E-02	158402923	158403046	NC_000001.10
cg16284684	1.05E-07	1.23E-08	-5.95	8.7699923	-7.87E-02	1164063	1164186	NC_000007.13
cg23638849	1.05E-07	1.23E-08	-5.95	8.7688141	-6.38E-02	70477184	70477307	NC_000011.9

cg20102673	1.05E-07	1.23E-08	-5.95	8.768065	-8.37E-02	49933539	49933662	NC_000012.11
cg17466346	1.05E-07	1.23E-08	-5.95	8.7662004	-6.56E-02	24516464	24516587	NC_000007.13
cg13705014	1.05E-07	1.23E-08	-5.95	8.7658285	-1.35E-01	139250888	139251011	NC_000009.11
cg25246084	1.05E-07	1.24E-08	-5.95	8.765109	-7.33E-02	4971487	4971610	NC_000019.9
cg17335001	1.05E-07	1.24E-08	-5.95	8.7650145	-4.82E-02	128846231	128846354	NC_000010.10
cg21791252	1.05E-07	1.24E-08	-5.95	8.7644762	-8.15E-02	33864756	33864879	NC_000006.11
cg17767484	1.05E-07	1.24E-08	-5.95	8.7642669	-1.14E-01	36238230	36238353	NC_000006.11
cg11411107	1.05E-07	1.24E-08	-5.95	8.7639523	-2.83E-02	160473611	160473734	NC_000003.11
cg19698273	1.05E-07	1.24E-08	-5.95	8.7635594	-8.07E-02	3908397	3908520	NC_000019.9
cg01719123	1.05E-07	1.24E-08	-5.95	8.7625886	-3.95E-02	28244050	28244173	NC_000008.10
cg18088242	1.05E-07	1.24E-08	-5.95	8.7618477	-1.45E-01	45422325	45422448	NC_000015.9
cg25080465	1.05E-07	1.24E-08	-5.95	8.7614419	-7.84E-02	104404115	104404238	NC_000010.10
cg06874399	1.05E-07	1.24E-08	-5.95	8.7607926	-2.93E-02	79704109	79704232	NC_000005.9
cg15782984	1.05E-07	1.24E-08	-5.95	8.7606977	-8.73E-02	35993792	35993915	NC_000006.11
cg23060709	1.05E-07	1.24E-08	-5.95	8.7603707	-5.64E-02	16440291	16440414	NC_000017.10
cg01727105	1.06E-07	1.24E-08	-5.95	8.7596945	-1.19E-01	85596697	85596820	NC_000002.11
cg14202825	1.06E-07	1.24E-08	-5.95	8.7577674	-1.96E-02	42622333	42622456	NC_000013.10
cg17250770	1.06E-07	1.25E-08	-5.95	8.7571169	-1.34E-01	22500401	22500524	NC_000008.10
cg25207721	1.06E-07	1.25E-08	-5.95	8.7565663	-2.21E-02	227751555	227751678	NC_000001.10
cg04489243	1.06E-07	1.25E-08	-5.95	8.7565213	-1.37E-01	189349129	189349252	NC_000003.11
cg23172664	1.06E-07	1.25E-08	-5.95	8.7561134	-1.42E-01	86169204	86169327	NC_000006.11
cg15456144	1.06E-07	1.25E-08	-5.95	8.7560229	-1.48E-01	93277178	93277301	NC_000011.9
cg15899410	1.06E-07	1.25E-08	-5.95	8.7538597	-4.85E-02	76136386	76136509	NC_000015.9
cg22138529	1.06E-07	1.25E-08	-5.95	8.753416	-7.04E-02	89438128	89438251	NC_000015.9
cg10810804	1.06E-07	1.25E-08	-5.95	8.7528061	-8.67E-02	1200097	1200220	NC_000016.9

cg13247922	1.06E-07	1.25E-08	-5.95	8.7521183	-1.06E-01	68334960	68335083	NC_000014.8
cg19230443	1.06E-07	1.25E-08	-5.95	8.7520907	-4.10E-02	49950584	49950707	NC_000019.9
cg12015615	1.06E-07	1.25E-08	-5.94	8.7511833	-1.14E-01	55540725	55540848	NC_000007.13
cg05651511	1.07E-07	1.26E-08	-5.94	8.7495356	-1.57E-01	78754090	78754213	NC_000017.10
cg11007423	1.07E-07	1.26E-08	-5.94	8.7492216	-2.41E-02	51058114	51058237	NC_000015.9
cg18091385	1.07E-07	1.26E-08	-5.94	8.7490486	-9.80E-02	99502466	99502589	NC_000014.8
cg07778315	1.07E-07	1.26E-08	-5.94	8.749031	-8.71E-02	133380627	133380750	NC_000012.11
cg06876053	1.07E-07	1.26E-08	-5.94	8.7490026	-1.34E-01	9810051	9810174	NC_000011.9
cg18355337	1.07E-07	1.26E-08	-5.94	8.7485407	-1.74E-01	55549722	55549845	NC_000019.9
cg14720274	1.07E-07	1.26E-08	-5.94	8.7483434	-1.10E-01	61014131	61014254	NC_000015.9
cg09987889	1.07E-07	1.26E-08	-5.94	8.7477434	-1.20E-02	100660909	100661032	NC_000007.13
cg01016800	1.07E-07	1.26E-08	-5.94	8.746669	-6.50E-02	97802959	97803082	NC_000010.10
cg00119986	1.07E-07	1.26E-08	-5.94	8.7446638	-6.15E-02	37774457	37774580	NC_000017.10
cg14571194	1.07E-07	1.26E-08	-5.94	8.7442031	-5.42E-02	46385304	46385427	NC_000018.9
cg04701628	1.07E-07	1.26E-08	-5.94	8.7441597	-9.28E-02	31492263	31492386	NC_000016.9
cg26669410	1.07E-07	1.26E-08	-5.94	8.7437246	-2.50E-02	36023134	36023257	NC_000001.10
cg13284007	1.07E-07	1.26E-08	-5.94	8.7426479	-3.23E-02	53381865	53381988	NC_000003.11
cg19788308	1.07E-07	1.26E-08	-5.94	8.7423137	-3.94E-02	32443454	32443577	NC_000003.11
cg25344194	1.07E-07	1.26E-08	-5.94	8.7420877	-1.15E-01	76948389	76948512	NC_000017.10
cg02726883	1.07E-07	1.27E-08	-5.94	8.7414131	-3.84E-02	29421732	29421855	NC_000017.10
ch.7.1714607F	1.08E-07	1.27E-08	-5.94	8.7405331	-5.11E-02	77818337	77818460	NC_000007.13
cg20989553	1.08E-07	1.27E-08	-5.94	8.7401433	-5.24E-02	185458775	185458898	NC_000004.11
cg26785823	1.08E-07	1.27E-08	-5.94	8.7394734	-8.59E-02	2482001	2482124	NC_000001.10
cg02684562	1.08E-07	1.27E-08	-5.94	8.7392001	-7.70E-02	26064950	26065073	NC_000010.10
cg05332483	1.08E-07	1.27E-08	-5.94	8.7387827	-8.74E-02	130959684	130959807	NC_000010.10

cg15203597	1.08E-07	1.27E-08	-5.94	8.7380488	-4.47E-02	91976656	91976779	NC_000014.8
cg16858125	1.08E-07	1.27E-08	-5.94	8.7379994	-1.31E-01	43834757	43834880	NC_000001.10
cg06812225	1.08E-07	1.27E-08	-5.94	8.7376124	-5.66E-02	204485782	204485905	NC_000001.10
cg06573096	1.08E-07	1.27E-08	-5.94	8.7374363	-1.82E-01	44811779	44811902	NC_000013.10
cg23979923	1.08E-07	1.27E-08	-5.94	8.7372239	-2.90E-02	90777592	90777715	NC_000015.9
cg05581469	1.08E-07	1.27E-08	-5.94	8.7358192	-1.11E-01	49413435	49413558	NC_000012.11
cg09494546	1.08E-07	1.27E-08	-5.94	8.7348352	-1.46E-01	110933248	110933371	NC_000001.10
cg00185413	1.08E-07	1.28E-08	-5.94	8.7341967	-1.24E-01	125927866	125927989	NC_000003.11
cg27126743	1.08E-07	1.28E-08	-5.94	8.7328212	-8.50E-02	74880654	74880777	NC_000014.8
cg06124876	1.08E-07	1.28E-08	-5.94	8.7324395	-1.14E-01	22721151	22721274	NC_000001.10
cg15488963	1.09E-07	1.28E-08	-5.94	8.7307622	-1.19E-01	106262226	106262349	NC_000002.11
cg19596273	1.09E-07	1.28E-08	-5.94	8.7304041	-6.60E-02	30724086	30724209	NC_000010.10
cg13551074	1.09E-07	1.28E-08	-5.94	8.7298303	-1.22E-01	243017952	243018075	NC_000002.11
cg15100630	1.09E-07	1.28E-08	-5.94	8.7290551	-2.79E-02	30524468	30524591	NC_000006.11
cg12595401	1.09E-07	1.28E-08	-5.94	8.7284323	-1.11E-01	27298344	27298467	NC_000001.10
cg00491404	1.09E-07	1.28E-08	-5.94	8.7283757	-1.23E-01	110306591	110306714	NC_000001.10
cg23084309	1.09E-07	1.28E-08	-5.94	8.7279856	-6.09E-02	6280164	6280287	NC_000019.9
cg13996426	1.09E-07	1.28E-08	-5.94	8.7279388	-3.83E-02	49756904	49757027	NC_000003.11
cg07824710	1.09E-07	1.28E-08	-5.94	8.7269125	-6.54E-02	150923535	150923658	NC_000007.13
cg27300804	1.09E-07	1.29E-08	-5.94	8.7260364	-6.09E-02	113976054	113976177	NC_000013.10
cg14619443	1.09E-07	1.29E-08	-5.94	8.7254865	-5.44E-02	6681415	6681538	NC_000009.11
cg16716189	1.09E-07	1.29E-08	-5.94	8.7239813	-8.42E-02	113261711	113261834	NC_000001.10
cg18449345	1.09E-07	1.29E-08	-5.94	8.7239407	-5.49E-02	30068347	30068470	NC_000007.13
cg06952297	1.09E-07	1.29E-08	-5.94	8.7228235	-9.32E-02	84730742	84730865	NC_000016.9
cg09301232	1.09E-07	1.29E-08	-5.94	8.7225662	-5.01E-02	100681129	100681252	NC_000014.8



cg17759093	1.09E-07	1.29E-08	-5.94	8.7222729	-1.41E-02	23402258	23402381	NC_000020.10
cg07291639	1.09E-07	1.29E-08	-5.94	8.7215498	-4.57E-02	105426001	105426124	NC_000010.10
cg02931753	1.09E-07	1.29E-08	-5.94	8.7213805	-3.60E-02	154074737	154074860	NC_000004.11
cg16572910	1.10E-07	1.29E-08	-5.94	8.7205934	-6.99E-02	43880657	43880780	NC_000001.10
cg13389460	1.10E-07	1.29E-08	-5.94	8.7199851	-3.35E-02	12080011	12080134	NC_000001.10
cg14244439	1.10E-07	1.29E-08	-5.94	8.7194445	-1.11E-01	94561075	94561198	NC_000009.11
cg24830730	1.10E-07	1.29E-08	-5.94	8.7190832	-1.54E-01	150653195	150653318	NC_000007.13
cg20406482	1.10E-07	1.30E-08	-5.94	8.7186109	-1.06E-01	40333521	40333644	NC_000017.10
cg11344352	1.10E-07	1.30E-08	-5.94	8.7184568	-1.40E-02	45927696	45927819	NC_000019.9
cg13878775	1.10E-07	1.30E-08	-5.94	8.7182148	-2.13E-02	242041740	242041863	NC_000002.11
cg10129154	1.10E-07	1.30E-08	-5.94	8.7179832	-8.78E-02	1093823	1093946	NC_000016.9
cg26912222	1.10E-07	1.30E-08	-5.94	8.717339	-7.59E-02	68000829	68000952	NC_000016.9
cg12589387	1.10E-07	1.30E-08	-5.94	8.7171289	-5.76E-02	61848140	61848263	NC_000020.10
cg04101117	1.10E-07	1.30E-08	-5.94	8.7164389	-5.84E-02	42719598	42719721	NC_000012.11
cg03367519	1.10E-07	1.30E-08	-5.94	8.7164254	-1.01E-01	58334910	58335033	NC_000005.9
cg15680557	1.10E-07	1.30E-08	-5.94	8.7163819	-3.37E-02	54704426	54704549	NC_000019.9
cg23274123	1.10E-07	1.30E-08	-5.94	8.715687	-6.35E-02	229478617	229478740	NC_000001.10
cg21078654	1.10E-07	1.30E-08	-5.94	8.7145785	-1.64E-01	52130305	52130428	NC_000015.9
cg07167594	1.10E-07	1.30E-08	-5.94	8.7144806	-1.21E-01	19010468	19010591	NC_000022.10
cg05841809	1.10E-07	1.30E-08	-5.94	8.7139342	-1.79E-02	90119362	90119485	NC_000015.9
cg04871472	1.10E-07	1.30E-08	-5.94	8.7139282	-9.52E-02	70268913	70269036	NC_000002.11
cg18106925	1.10E-07	1.30E-08	-5.94	8.7137269	-6.73E-02	145092485	145092608	NC_000001.10
cg20630605	1.10E-07	1.30E-08	-5.94	8.7135145	-5.86E-02	89010209	89010332	NC_000015.9
cg25182621	1.10E-07	1.30E-08	-5.94	8.71207	-1.07E-01	184097440	184097563	NC_000003.11
cg05683445	1.11E-07	1.31E-08	-5.94	8.711119	-4.85E-02	28303182	28303305	NC_000016.9

cg16205490	1.11E-07	1.31E-08	-5.94	8.7107479	-1.14E-01	119077241	119077364	NC_000002.11
cg20435594	1.11E-07	1.31E-08	-5.94	8.7102706	-9.70E-02	733141	733264	NC_000011.9
cg08684477	1.11E-07	1.31E-08	-5.94	8.7100996	-7.52E-02	87521410	87521533	NC_000016.9
cg05941631	1.11E-07	1.31E-08	-5.94	8.7097618	-7.27E-02	46521469	46521592	NC_000002.11
cg06447614	1.11E-07	1.31E-08	-5.94	8.7095896	-6.77E-02	1195491	1195614	NC_000016.9
cg15942368	1.11E-07	1.31E-08	-5.94	8.7087875	-5.53E-02	139118969	139119092	NC_000007.13
cg04766377	1.11E-07	1.31E-08	-5.94	8.7084786	-7.12E-02	38713606	38713729	NC_000022.10
cg18000638	1.11E-07	1.31E-08	-5.94	8.7083154	-2.56E-02	6502926	6503049	NC_000011.9
cg20895669	1.11E-07	1.31E-08	-5.94	8.7071846	-8.59E-02	113622539	113622662	NC_000013.10
cg16433860	1.11E-07	1.31E-08	-5.94	8.706051	-6.23E-02	50402640	50402763	NC_000016.9
cg09595356	1.11E-07	1.31E-08	-5.94	8.7045787	-6.75E-02	26659966	26660089	NC_000006.11
cg26222229	1.11E-07	1.31E-08	-5.94	8.7045013	-3.64E-02	36842844	36842967	NC_000006.11
cg26399411	1.11E-07	1.32E-08	-5.94	8.7040658	-1.00E-02	56174390	56174513	NC_000007.13
cg22807822	1.11E-07	1.32E-08	-5.94	8.7031608	-7.96E-02	11289365	11289488	NC_000019.9
cg13325666	1.11E-07	1.32E-08	-5.94	8.7031555	-2.08E-02	168227843	168227966	NC_000006.11
cg26627129	1.11E-07	1.32E-08	-5.94	8.7031331	-5.89E-02	49552470	49552593	NC_000019.9
cg19809039	1.12E-07	1.32E-08	-5.94	8.7021199	-6.50E-02	101918575	101918698	NC_000011.9
cg00630761	1.12E-07	1.32E-08	-5.94	8.7019428	-1.30E-01	94898169	94898292	NC_000008.10
cg10249703	1.12E-07	1.32E-08	-5.94	8.7017164	-9.90E-02	155025301	155025424	NC_000001.10
cg12072973	1.12E-07	1.32E-08	-5.94	8.7016216	-1.14E-01	150121727	150121850	NC_000001.10
cg05830842	1.12E-07	1.32E-08	-5.94	8.701293	-1.29E-01	121208681	121208804	NC_000008.10
cg11856215	1.12E-07	1.32E-08	-5.93	8.7011053	-3.04E-02	63535358	63535481	NC_000011.9
cg13363823	1.12E-07	1.32E-08	-5.93	8.7008836	-1.01E-01	40362907	40363030	NC_000001.10
cg06381123	1.12E-07	1.32E-08	-5.93	8.7005555	-2.48E-02	121302009	121302132	NC_000010.10
cg21904329	1.12E-07	1.32E-08	-5.93	8.6986	-9.27E-02	66549307	66549430	NC_000015.9

cg02573091	1.12E-07	1.32E-08	-5.93	8.6984526	-1.11E-01	74908125	74908248	NC_000005.9
cg17046776	1.12E-07	1.32E-08	-5.93	8.698349	-6.21E-02	8832283	8832406	NC_000011.9
cg06670612	1.12E-07	1.32E-08	-5.93	8.6982144	-2.43E-02	42082485	42082608	NC_000019.9
cg18980373	1.12E-07	1.32E-08	-5.93	8.6972083	-2.56E-02	67145803	67145926	NC_000015.9
cg27281191	1.12E-07	1.32E-08	-5.93	8.697208	-1.26E-01	226202912	226203035	NC_000002.11
cg27016307	1.12E-07	1.32E-08	-5.93	8.6971489	-1.21E-01	49658913	49659036	NC_000019.9
cg15850739	1.12E-07	1.32E-08	-5.93	8.697052	-8.39E-02	23692512	23692635	NC_000015.9
cg00628477	1.12E-07	1.32E-08	-5.93	8.6967596	-7.76E-02	30131821	30131944	NC_000006.11
cg08635395	1.12E-07	1.33E-08	-5.93	8.6961273	-1.27E-01	15747286	15747409	NC_000016.9
cg05970721	1.12E-07	1.33E-08	-5.93	8.6958155	-1.76E-01	22926625	22926748	NC_000016.9
cg03519451	1.12E-07	1.33E-08	-5.93	8.6957831	-3.29E-02	150780317	150780440	NC_000007.13
cg13832679	1.12E-07	1.33E-08	-5.93	8.6955147	-1.93E-02	111775862	111775985	NC_000009.11
cg02184338	1.12E-07	1.33E-08	-5.93	8.694686	-3.88E-02	101331866	101331989	NC_000007.13
cg14675200	1.12E-07	1.33E-08	-5.93	8.6946166	-5.48E-02	43328403	43328526	NC_000013.10
cg09856153	1.12E-07	1.33E-08	-5.93	8.6945424	-1.12E-01	1330936	1331059	NC_000004.11
cg03321813	1.12E-07	1.33E-08	-5.93	8.6938249	-9.47E-02	84257153	84257276	NC_000004.11
cg11185549	1.12E-07	1.33E-08	-5.93	8.693233	-1.28E-01	116996871	116996994	NC_000012.11
cg04273573	1.12E-07	1.33E-08	-5.93	8.6932256	-8.65E-02	2197265	2197388	NC_000005.9
cg16379311	1.13E-07	1.33E-08	-5.93	8.6914632	-1.79E-02	59665233	59665356	NC_000015.9
cg18302933	1.13E-07	1.33E-08	-5.93	8.6912963	-9.05E-02	88491318	88491441	NC_000002.11
cg00863318	1.13E-07	1.33E-08	-5.93	8.6902332	-7.44E-02	1143738	1143861	NC_000004.11
cg11087503	1.13E-07	1.33E-08	-5.93	8.6899754	-7.59E-02	52499897	52500020	NC_000014.8
cg19457823	1.13E-07	1.34E-08	-5.93	8.6889466	-1.02E-01	142692961	142693084	NC_000005.9
cg15090036	1.13E-07	1.34E-08	-5.93	8.6889429	-9.15E-02	48706075	48706198	NC_000017.10
cg09559373	1.13E-07	1.34E-08	-5.93	8.6880999	-4.99E-02	1626649	1626772	NC_000019.9

cg02426324	1.13E-07	1.34E-08	-5.93	8.6876549	-1.08E-01	40680454	40680577	NC_000007.13
cg02500691	1.13E-07	1.34E-08	-5.93	8.6865914	-1.07E-01	79476186	79476309	NC_000017.10
cg19913626	1.13E-07	1.34E-08	-5.93	8.6863784	-1.01E-01	49533357	49533480	NC_000008.10
cg02045285	1.13E-07	1.34E-08	-5.93	8.6856332	-3.66E-02	36861674	36861797	NC_000017.10
cg14241323	1.13E-07	1.34E-08	-5.93	8.6854746	-4.03E-02	13824002	13824125	NC_000018.9
cg12462720	1.13E-07	1.34E-08	-5.93	8.6852439	-9.68E-02	62739073	62739196	NC_000020.10
cg24718819	1.13E-07	1.34E-08	-5.93	8.6845785	-1.48E-02	194033680	194033803	NC_000003.11
cg13782884	1.13E-07	1.34E-08	-5.93	8.6839734	-8.62E-02	27339287	27339410	NC_000001.10
cg13201342	1.13E-07	1.34E-08	-5.93	8.6839502	-1.05E-01	150782303	150782426	NC_000001.10
cg14253899	1.13E-07	1.34E-08	-5.93	8.6834152	-1.89E-02	55878235	55878358	NC_000014.8
cg02448805	1.14E-07	1.35E-08	-5.93	8.6818056	-8.65E-02	168916275	168916398	NC_000006.11
cg18986335	1.14E-07	1.35E-08	-5.93	8.6815165	-1.20E-01	156846983	156847106	NC_000003.11
cg20318748	1.14E-07	1.35E-08	-5.93	8.6810221	-6.85E-02	25605178	25605301	NC_000020.10
cg03478444	1.14E-07	1.35E-08	-5.93	8.6809349	-1.24E-01	49407465	49407588	NC_000016.9
cg27025758	1.14E-07	1.35E-08	-5.93	8.680463	-6.59E-02	112408447	112408570	NC_000006.11
cg06621126	1.14E-07	1.35E-08	-5.93	8.6802867	-1.15E-01	67198243	67198366	NC_000016.9
cg12431891	1.14E-07	1.35E-08	-5.93	8.6793627	-1.26E-01	114958699	114958822	NC_000003.11
cg15089806	1.14E-07	1.35E-08	-5.93	8.6791255	-1.10E-01	43418199	43418322	NC_000001.10
cg04469731	1.14E-07	1.35E-08	-5.93	8.678311	-1.38E-01	129992359	129992482	NC_000011.9
cg07691200	1.14E-07	1.35E-08	-5.93	8.6781415	-2.50E-02	34916224	34916347	NC_000005.9
cg15152912	1.14E-07	1.35E-08	-5.93	8.6780993	-1.05E-01	154585539	154585662	NC_000007.13
cg09844976	1.14E-07	1.35E-08	-5.93	8.6777085	-1.19E-01	148188454	148188577	NC_000005.9
cg10515414	1.14E-07	1.35E-08	-5.93	8.6774654	-2.99E-02	15650268	15650391	NC_000001.10
cg07643942	1.14E-07	1.35E-08	-5.93	8.6768303	-1.18E-01	55029147	55029270	NC_000012.11
cg18618815	1.14E-07	1.35E-08	-5.93	8.6766482	-1.17E-01	48275324	48275447	NC_000017.10

cg23274984	1.14E-07	1.35E-08	-5.93	8.6758549	-1.31E-01	129636330	129636453	NC_000002.11
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cg14319451	1.15E-07	1.36E-08	-5.93	8.6736933	-7.02E-02	63685777	63685900	NC_000011.9
cg27023075	1.15E-07	1.36E-08	-5.93	8.6734263	-2.96E-02	18720484	18720607	NC_000011.9
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cg06437740	1.15E-07	1.36E-08	-5.93	8.6727613	-1.10E-01	48575927	48576050	NC_000013.10
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cg16517021	1.15E-07	1.36E-08	-5.93	8.6711851	-2.20E-02	11945358	11945481	NC_000016.9
cg23254184	1.15E-07	1.36E-08	-5.93	8.6711287	-4.61E-02	53620237	53620360	NC_000014.8
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cg01289561	1.15E-07	1.36E-08	-5.93	8.6701925	-5.86E-02	138066559	138066682	NC_000003.11
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cg01675953	1.15E-07	1.36E-08	-5.93	8.6694223	-6.59E-02	113698931	113699054	NC_000013.10
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cg12893361	1.15E-07	1.36E-08	-5.93	8.6688026	-2.05E-02	122124854	122124977	NC_000012.11
cg14456143	1.15E-07	1.36E-08	-5.93	8.6680026	-1.26E-01	17938848	17938971	NC_000002.11
cg13277380	1.15E-07	1.37E-08	-5.93	8.6676015	-8.29E-02	101662021	101662144	NC_000008.10
cg21369988	1.15E-07	1.37E-08	-5.93	8.6669659	-2.51E-02	30907191	30907314	NC_000012.11
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cg11754314	1.16E-07	1.37E-08	-5.93	8.6650422	-2.41E-02	67121010	67121133	NC_000011.9
cg04071118	1.16E-07	1.37E-08	-5.93	8.6647208	-4.70E-02	37555933	37556056	NC_000020.10
cg06193988	1.16E-07	1.37E-08	-5.93	8.6639718	-2.42E-02	10442521	10442644	NC_000002.11

cg12187567	1.16E-07	1.37E-08	-5.93	8.6636558	-2.15E-02	95907389	95907512	NC_000008.10
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cg21029631	1.16E-07	1.37E-08	-5.93	8.6635851	-1.03E-01	240752524	240752647	NC_000002.11
cg17201651	1.16E-07	1.37E-08	-5.93	8.6631406	-1.05E-01	111683631	111683754	NC_000010.10
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cg26870536	1.16E-07	1.37E-08	-5.93	8.6618046	-6.36E-02	22988442	22988565	NC_000019.9
cg09578113	1.16E-07	1.37E-08	-5.93	8.6616238	-8.97E-02	47420152	47420275	NC_000007.13
cg08541497	1.16E-07	1.37E-08	-5.93	8.6613332	-1.14E-01	124253829	124253952	NC_000008.10
cg07178379	1.16E-07	1.37E-08	-5.93	8.6610818	-6.54E-02	76506902	76507025	NC_000011.9
cg11676325	1.16E-07	1.38E-08	-5.93	8.6604567	-7.93E-02	10621091	10621214	NC_000019.9
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cg26939721	1.16E-07	1.38E-08	-5.93	8.6594797	-7.22E-02	25108042	25108165	NC_000015.9
cg25096745	1.16E-07	1.38E-08	-5.93	8.6594565	-1.24E-01	35195513	35195636	NC_000011.9
cg01381829	1.16E-07	1.38E-08	-5.93	8.6592725	-1.24E-01	40573054	40573177	NC_000022.10
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cg07651906	1.16E-07	1.38E-08	-5.93	8.6589709	-3.06E-02	15848828	15848951	NC_000017.10
cg00210856	1.16E-07	1.38E-08	-5.93	8.6589564	-1.35E-01	158466226	158466349	NC_000005.9
cg27265307	1.16E-07	1.38E-08	-5.93	8.6585962	-1.22E-01	67220318	67220441	NC_000011.9
cg14222630	1.16E-07	1.38E-08	-5.93	8.6579536	-1.39E-01	127961717	127961840	NC_000009.11
cg17396797	1.16E-07	1.38E-08	-5.93	8.6578992	-1.28E-01	241851501	241851624	NC_000002.11
cg01349370	1.16E-07	1.38E-08	-5.93	8.6577578	-3.76E-02	31587814	31587937	NC_000006.11
cg24187645	1.16E-07	1.38E-08	-5.93	8.6577338	-9.94E-02	140959388	140959511	NC_000003.11
cg23863157	1.16E-07	1.38E-08	-5.93	8.6572675	-1.41E-01	166678822	166678945	NC_000004.11
cg13055278	1.16E-07	1.38E-08	-5.93	8.6570874	-5.58E-02	8822288	8822411	NC_000002.11

cg04260633	1.16E-07	1.38E-08	-5.93	8.6568714	-8.10E-02	2687305	2687428	NC_000007.13
cg20310759	1.16E-07	1.38E-08	-5.93	8.6567024	-6.95E-02	87618313	87618436	NC_000001.10
cg25320499	1.16E-07	1.38E-08	-5.93	8.6566143	-8.54E-02	113052563	113052686	NC_000001.10
cg12063218	1.16E-07	1.38E-08	-5.93	8.6561043	-6.23E-02	34638859	34638982	NC_000020.10
cg08913410	1.16E-07	1.38E-08	-5.93	8.6559715	-1.07E-01	30726859	30726982	NC_000007.13
cg21919819	1.16E-07	1.38E-08	-5.93	8.6558466	-7.94E-02	100275737	100275860	NC_000014.8
cg00968038	1.17E-07	1.38E-08	-5.93	8.6537557	-1.47E-02	21151021	21151144	NC_000014.8
cg24542714	1.17E-07	1.39E-08	-5.93	8.6524072	-1.26E-01	46669345	46669468	NC_000001.10
cg11564483	1.17E-07	1.39E-08	-5.93	8.6523291	-3.25E-02	37401398	37401521	NC_000006.11
cg13995427	1.17E-07	1.39E-08	-5.93	8.6514485	-1.59E-01	117134861	117134984	NC_000009.11
cg00050692	1.17E-07	1.39E-08	-5.93	8.6510343	-1.35E-01	25524877	25525000	NC_000002.11
cg02923021	1.17E-07	1.39E-08	-5.93	8.6510184	-6.27E-02	854974	855097	NC_000008.10
cg00177127	1.17E-07	1.39E-08	-5.92	8.6496253	-9.21E-02	22927146	22927269	NC_000001.10
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cg17157894	1.17E-07	1.39E-08	-5.92	8.6476698	-1.60E-01	47187343	47187466	NC_000022.10
cg07875121	1.17E-07	1.39E-08	-5.92	8.6473795	-1.05E-01	139641530	139641653	NC_000005.9
cg20602628	1.17E-07	1.39E-08	-5.92	8.6469769	-4.99E-02	138156475	138156598	NC_000002.11
cg22202264	1.17E-07	1.39E-08	-5.92	8.6469589	-1.13E-01	133816022	133816145	NC_000011.9
cg14063331	1.17E-07	1.39E-08	-5.92	8.6469416	-7.59E-02	17717790	17717913	NC_000019.9
ch.1.3533065R	1.17E-07	1.39E-08	-5.92	8.6468883	-2.29E-02	180941111	180941234	NC_000001.10
cg09555706	1.18E-07	1.39E-08	-5.92	8.6465136	-1.22E-01	1160897	1161020	NC_000004.11
cg15832311	1.18E-07	1.39E-08	-5.92	8.6464564	-3.07E-02	242675047	242675170	NC_000002.11
cg00238994	1.18E-07	1.40E-08	-5.92	8.6460976	-2.64E-02	2977310	2977433	NC_000019.9

cg10959999	1.18E-07	1.40E-08	-5.92	8.6458447	-8.30E-02	133647103	133647226	NC_000003.11
cg12675571	1.18E-07	1.40E-08	-5.92	8.6440473	-1.40E-01	148808721	148808844	NC_000005.9
cg16726869	1.18E-07	1.40E-08	-5.92	8.6439643	-1.20E-01	127454704	127454827	NC_000004.11
cg08655953	1.18E-07	1.40E-08	-5.92	8.641988	-1.26E-01	2425888	2426011	NC_000001.10
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cg00500100	1.18E-07	1.41E-08	-5.92	8.6393256	-7.93E-02	140098250	140098373	NC_000005.9
cg21689613	1.18E-07	1.41E-08	-5.92	8.6391495	-5.54E-02	40950290	40950413	NC_000017.10
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cg05973317	1.19E-07	1.41E-08	-5.92	8.637613	-9.31E-02	142437236	142437359	NC_000008.10
cg08317252	1.19E-07	1.41E-08	-5.92	8.6376087	-8.37E-02	1223163	1223286	NC_000019.9
cg10631356	1.19E-07	1.41E-08	-5.92	8.6376012	-1.23E-01	34517541	34517664	NC_000011.9
cg11941630	1.19E-07	1.41E-08	-5.92	8.6374284	-1.14E-01	1283388	1283511	NC_000020.10
cg05614267	1.19E-07	1.41E-08	-5.92	8.6373446	-3.92E-02	69373129	69373252	NC_000016.9
cg01518398	1.19E-07	1.41E-08	-5.92	8.6365446	-7.04E-02	74406523	74406646	NC_000002.11
cg18167829	1.19E-07	1.41E-08	-5.92	8.6363567	-5.64E-02	49561318	49561441	NC_000019.9
cg09990194	1.19E-07	1.41E-08	-5.92	8.6352573	-1.49E-01	76289228	76289351	NC_000014.8
cg24793052	1.19E-07	1.41E-08	-5.92	8.6348364	-2.56E-02	58331460	58331583	NC_000019.9
cg04100595	1.19E-07	1.41E-08	-5.92	8.6347706	-1.82E-01	27615138	27615261	NC_000012.11
ch.3.3564705F	1.19E-07	1.41E-08	-5.92	8.6347519	-5.56E-02	183104543	183104666	NC_000003.11
cg27478863	1.19E-07	1.41E-08	-5.92	8.6335342	-1.43E-01	50783080	50783203	NC_000013.10
cg00961640	1.19E-07	1.42E-08	-5.92	8.6316475	-1.47E-01	110933767	110933890	NC_000001.10
cg17257944	1.19E-07	1.42E-08	-5.92	8.63133	-3.95E-02	11836937	11837060	NC_000016.9



cg14080940	1.19E-07	1.42E-08	-5.92	8.6310877	-5.31E-02	79944542	79944665	NC_000006.11
cg15442419	1.19E-07	1.42E-08	-5.92	8.6298238	-3.42E-02	10412797	10412920	NC_000006.11
cg10102736	1.19E-07	1.42E-08	-5.92	8.6292062	-9.32E-02	23661899	23662022	NC_000015.9
cg08458487	1.20E-07	1.42E-08	-5.92	8.6283816	-1.33E-01	81709191	81709314	NC_000010.10
cg02927042	1.20E-07	1.42E-08	-5.92	8.6280384	-1.44E-01	21476669	21476792	NC_000001.10
cg23178322	1.20E-07	1.42E-08	-5.92	8.6278929	-4.40E-02	7518094	7518217	NC_000017.10
cg22796363	1.20E-07	1.42E-08	-5.92	8.6275708	-1.06E-01	214477063	214477186	NC_000001.10
cg09624525	1.20E-07	1.42E-08	-5.92	8.6275589	-5.57E-02	49549887	49550010	NC_000013.10
cg03060986	1.20E-07	1.42E-08	-5.92	8.6275191	-1.12E-01	60309590	60309713	NC_000003.11
ch.15.67797584R	1.20E-07	1.42E-08	-5.92	8.6271992	-8.48E-02	70010530	70010653	NC_000015.9
cg06856720	1.20E-07	1.42E-08	-5.92	8.6264271	-1.39E-01	19870217	19870340	NC_000020.10
cg13299324	1.20E-07	1.43E-08	-5.92	8.6247327	-9.56E-02	40145949	40146072	NC_000021.8
cg07684796	1.20E-07	1.43E-08	-5.92	8.6235745	-6.28E-02	54074209	54074332	NC_000010.10
cg15169286	1.20E-07	1.43E-08	-5.92	8.6235303	-1.16E-01	36417932	36418055	NC_000005.9
cg15460348	1.20E-07	1.43E-08	-5.92	8.6231874	-1.67E-01	88896909	88897032	NC_000004.11
cg10040355	1.20E-07	1.43E-08	-5.92	8.6230864	-1.34E-01	12990366	12990489	NC_000012.11
cg25306006	1.20E-07	1.43E-08	-5.92	8.6224535	-9.41E-02	71932630	71932753	NC_000011.9
cg14235030	1.20E-07	1.43E-08	-5.92	8.6209374	-4.56E-02	37121269	37121392	NC_000009.11
cg22430700	1.20E-07	1.43E-08	-5.92	8.6202266	-9.91E-02	180511495	180511618	NC_000001.10
cg05517964	1.21E-07	1.43E-08	-5.92	8.6200061	-7.89E-02	65790280	65790403	NC_000011.9
cg00754027	1.21E-07	1.43E-08	-5.92	8.6198941	-4.66E-02	200590459	200590582	NC_000001.10
cg17864730	1.21E-07	1.43E-08	-5.92	8.6195473	-1.70E-02	20370899	20371022	NC_000007.13
cg15583517	1.21E-07	1.43E-08	-5.92	8.6194971	-1.09E-01	52051142	52051265	NC_000015.9
cg10696351	1.21E-07	1.43E-08	-5.92	8.6193889	-1.30E-01	41227982	41228105	NC_000013.10
cg07928378	1.21E-07	1.43E-08	-5.92	8.6188791	-1.22E-01	124989278	124989401	NC_000012.11

cg23832497	1.21E-07	1.44E-08	-5.92	8.6182447	-7.31E-02	121655383	121655506	NC_000006.11
cg22369786	1.21E-07	1.44E-08	-5.92	8.6175606	-1.45E-01	80911626	80911749	NC_000013.10
cg24159435	1.21E-07	1.44E-08	-5.92	8.6161234	-5.11E-02	128840686	128840809	NC_000003.11
cg03158772	1.21E-07	1.44E-08	-5.92	8.6158562	-8.76E-02	14768188	14768311	NC_000003.11
cg08143133	1.21E-07	1.44E-08	-5.92	8.6155482	-6.33E-02	32598570	32598693	NC_000022.10
cg24153003	1.21E-07	1.44E-08	-5.92	8.6147755	-7.93E-02	151736681	151736804	NC_000001.10
cg03329603	1.21E-07	1.44E-08	-5.92	8.6129848	-9.21E-02	31698657	31698780	NC_000006.11
cg13030634	1.21E-07	1.45E-08	-5.92	8.611886	-5.38E-02	130954073	130954196	NC_000011.9
cg24524850	1.21E-07	1.45E-08	-5.92	8.611572	-3.20E-02	44496039	44496162	NC_000001.10
cg06320175	1.21E-07	1.45E-08	-5.92	8.6114333	-4.64E-02	172255540	172255663	NC_000001.10
cg03218192	1.22E-07	1.45E-08	-5.92	8.6113117	-7.88E-02	33914403	33914526	NC_000017.10
cg12610972	1.22E-07	1.45E-08	-5.92	8.6111945	-2.59E-02	94138947	94139070	NC_000007.13
cg00736283	1.22E-07	1.45E-08	-5.92	8.6110336	-3.47E-02	14247601	14247724	NC_000019.9
ch.1.93237475F	1.22E-07	1.45E-08	-5.92	8.6106194	-2.29E-02	93464887	93465010	NC_000001.10
cg11718135	1.22E-07	1.45E-08	-5.92	8.6105728	-3.59E-02	192110830	192110953	NC_000002.11
cg21618521	1.22E-07	1.45E-08	-5.92	8.6095538	-1.22E-01	33245770	33245893	NC_000006.11
cg23525243	1.22E-07	1.45E-08	-5.92	8.6091657	-1.60E-01	11385735	11385858	NC_000005.9
cg13398470	1.22E-07	1.45E-08	-5.92	8.6081707	-1.08E-01	27862840	27862963	NC_000008.10
cg17218041	1.22E-07	1.45E-08	-5.92	8.6078675	-9.23E-02	113365319	113365442	NC_000013.10
cg07522403	1.22E-07	1.45E-08	-5.92	8.6072138	-1.43E-01	66105984	66106107	NC_000007.13
cg02664162	1.22E-07	1.45E-08	-5.92	8.6070786	-2.13E-02	49469375	49469498	NC_000019.9
cg26174807	1.22E-07	1.45E-08	-5.92	8.606742	-8.46E-02	159992037	159992160	NC_000004.11
cg06989074	1.22E-07	1.45E-08	-5.92	8.6063265	-1.41E-01	68133177	68133300	NC_000011.9
cg17446956	1.22E-07	1.45E-08	-5.92	8.6059893	-6.82E-02	109235032	109235155	NC_000012.11
cg04875062	1.22E-07	1.45E-08	-5.92	8.6053845	-8.35E-02	17305562	17305685	NC_000001.10

cg10246531	1.22E-07	1.46E-08	-5.92	8.6047216	-8.73E-02	88717628	88717751	NC_000016.9
cg00043599	1.22E-07	1.46E-08	-5.92	8.6038909	-8.89E-02	45274600	45274723	NC_000001.10
cg14778437	1.22E-07	1.46E-08	-5.92	8.6035559	-1.08E-01	100148404	100148527	NC_000013.10
cg12132029	1.22E-07	1.46E-08	-5.92	8.6029817	-5.31E-02	11616515	11616638	NC_000019.9
cg00413250	1.23E-07	1.46E-08	-5.92	8.6024941	-9.30E-02	13155767	13155890	NC_000016.9
cg21284370	1.23E-07	1.46E-08	-5.92	8.6023806	-4.20E-02	42621865	42621988	NC_000013.10
cg14706200	1.23E-07	1.46E-08	-5.92	8.6016267	-1.03E-01	2472062	2472185	NC_000019.9
cg23156742	1.23E-07	1.46E-08	-5.92	8.6010956	-3.50E-02	80490949	80491072	NC_000005.9
cg10206331	1.23E-07	1.46E-08	-5.92	8.6009345	-9.48E-02	1200083	1200206	NC_000016.9
cg27359629	1.23E-07	1.46E-08	-5.91	8.6004798	-1.10E-01	74101601	74101724	NC_000006.11
cg27569935	1.23E-07	1.46E-08	-5.91	8.5999756	-1.23E-01	138683375	138683498	NC_000003.11
cg14676702	1.23E-07	1.46E-08	-5.91	8.5998178	-6.17E-02	170550423	170550546	NC_000002.11
cg20219172	1.23E-07	1.47E-08	-5.91	8.5982342	-8.70E-02	79701478	79701601	NC_000017.10
cg11619797	1.23E-07	1.47E-08	-5.91	8.5978562	-1.21E-01	90228764	90228887	NC_000007.13
cg17501485	1.23E-07	1.47E-08	-5.91	8.597314	-2.14E-02	24191984	24192107	NC_000022.10
cg05076631	1.23E-07	1.47E-08	-5.91	8.5971813	-1.65E-02	75422152	75422275	NC_000014.8
cg21396630	1.23E-07	1.47E-08	-5.91	8.5967252	-7.08E-02	42886004	42886127	NC_000001.10
cg04231905	1.23E-07	1.47E-08	-5.91	8.5965372	-1.62E-01	94840793	94840916	NC_000015.9
cg22734236	1.23E-07	1.47E-08	-5.91	8.5963528	-1.20E-01	152462020	152462143	NC_000004.11
cg23985447	1.23E-07	1.47E-08	-5.91	8.5955999	-1.35E-01	118691066	118691189	NC_000005.9
cg23130369	1.23E-07	1.47E-08	-5.91	8.5954645	-1.23E-01	129245177	129245300	NC_000002.11
cg21464115	1.23E-07	1.47E-08	-5.91	8.5947193	-1.03E-01	138157982	138158105	NC_000003.11
cg00267142	1.23E-07	1.47E-08	-5.91	8.5941572	-9.61E-02	167104601	167104724	NC_000006.11
cg08305799	1.24E-07	1.47E-08	-5.91	8.5939514	-7.57E-02	30580804	30580927	NC_000008.10
cg21549577	1.24E-07	1.47E-08	-5.91	8.5938267	-4.51E-02	102151720	102151843	NC_000005.9

cg02560642	1.24E-07	1.47E-08	-5.91	8.5932365	-9.27E-02	110664301	110664424	NC_000013.10
cg05834036	1.24E-07	1.47E-08	-5.91	8.5931841	-6.48E-02	55063893	55064016	NC_000004.11
cg23401912	1.24E-07	1.48E-08	-5.91	8.5912303	-2.52E-02	16256974	16257097	NC_000017.10
cg14409029	1.24E-07	1.48E-08	-5.91	8.591004	-1.09E-01	19138243	19138366	NC_000011.9
cg11189107	1.24E-07	1.48E-08	-5.91	8.5894022	-8.61E-02	25042782	25042905	NC_000014.8
cg07330288	1.24E-07	1.48E-08	-5.91	8.5888499	-1.71E-01	19977156	19977279	NC_000017.10
cg03922381	1.24E-07	1.48E-08	-5.91	8.5874139	-1.32E-01	70977210	70977333	NC_000010.10
cg05309934	1.24E-07	1.48E-08	-5.91	8.5870499	-2.18E-02	5855475	5855598	NC_000010.10
cg19850931	1.24E-07	1.48E-08	-5.91	8.5867452	-1.08E-01	105993347	105993470	NC_000002.11
cg24281697	1.24E-07	1.48E-08	-5.91	8.5866923	-6.33E-02	42213546	42213669	NC_000013.10
cg17580614	1.25E-07	1.49E-08	-5.91	8.5841475	-1.23E-01	15849512	15849635	NC_000017.10
cg08387270	1.25E-07	1.49E-08	-5.91	8.5829088	-1.45E-01	145649036	145649159	NC_000008.10
cg03620123	1.25E-07	1.49E-08	-5.91	8.5822639	-1.15E-01	111869581	111869704	NC_000005.9
cg01604946	1.25E-07	1.49E-08	-5.91	8.5806569	-1.13E-01	148398804	148398927	NC_000005.9
cg09560533	1.25E-07	1.49E-08	-5.91	8.5797108	-1.08E-01	241776193	241776316	NC_000002.11
cg07565701	1.25E-07	1.49E-08	-5.91	8.5793609	-1.10E-01	71043770	71043893	NC_000016.9
cg13915843	1.25E-07	1.49E-08	-5.91	8.5791491	-7.06E-02	28907176	28907299	NC_000017.10
cg01555151	1.25E-07	1.50E-08	-5.91	8.5785681	-1.07E-01	80679979	80680102	NC_000014.8
cg00105640	1.25E-07	1.50E-08	-5.91	8.5785627	-1.13E-01	3691994	3692117	NC_000001.10
cg18481087	1.25E-07	1.50E-08	-5.91	8.5783899	-3.24E-02	160474064	160474187	NC_000003.11
cg05257291	1.25E-07	1.50E-08	-5.91	8.5776654	-1.43E-01	1161247	1161370	NC_000004.11
cg00974149	1.26E-07	1.50E-08	-5.91	8.577237	-1.53E-02	56296512	56296635	NC_000017.10
cg22529396	1.26E-07	1.50E-08	-5.91	8.5765493	-7.70E-02	128293186	128293309	NC_000002.11
cg06499778	1.26E-07	1.50E-08	-5.91	8.5763968	-1.13E-01	130505164	130505287	NC_000011.9
cg22498057	1.26E-07	1.50E-08	-5.91	8.5761048	-5.07E-02	93954358	93954481	NC_000005.9

cg06635150	1.26E-07	1.50E-08	-5.91	8.5759729	-1.25E-01	171094937	171095060	NC_000005.9
cg14652131	1.26E-07	1.50E-08	-5.91	8.5758075	-1.53E-01	1166531	1166654	NC_000004.11
cg20379239	1.26E-07	1.50E-08	-5.91	8.5755409	-6.62E-02	11207015	11207138	NC_000010.10
cg13817037	1.26E-07	1.50E-08	-5.91	8.5751842	-9.78E-02	36100589	36100712	NC_000009.11
cg26595893	1.26E-07	1.50E-08	-5.91	8.5751342	-1.34E-01	2946474	2946597	NC_000011.9
cg14242958	1.26E-07	1.50E-08	-5.91	8.5747806	-2.88E-02	101785693	101785816	NC_000011.9
cg11157816	1.26E-07	1.50E-08	-5.91	8.5743148	-7.03E-02	114522185	114522308	NC_000001.10
cg10369688	1.26E-07	1.50E-08	-5.91	8.5739439	-3.02E-02	39898283	39898406	NC_000019.9
cg19934366	1.26E-07	1.50E-08	-5.91	8.5732356	-4.21E-02	8151011	8151134	NC_000017.10
ch.6.698823R	1.26E-07	1.50E-08	-5.91	8.5731426	-2.18E-02	28887514	28887637	NC_000006.11
cg00731691	1.26E-07	1.51E-08	-5.91	8.5713611	-1.05E-01	79145983	79146106	NC_000017.10
cg04970158	1.26E-07	1.51E-08	-5.91	8.570989	-1.28E-01	43208740	43208863	NC_000017.10
cg06761076	1.26E-07	1.51E-08	-5.91	8.5708065	-2.32E-02	21056301	21056424	NC_000022.10
cg03352655	1.26E-07	1.51E-08	-5.91	8.5705883	-4.58E-02	115439283	115439406	NC_000010.10
cg01563663	1.26E-07	1.51E-08	-5.91	8.569605	-2.21E-02	12612233	12612356	NC_000008.10
cg20845858	1.26E-07	1.51E-08	-5.91	8.5695094	-6.67E-02	129945688	129945811	NC_000007.13
cg01073178	1.26E-07	1.51E-08	-5.91	8.569413	-8.91E-02	117537710	117537833	NC_000012.11
cg02737507	1.26E-07	1.51E-08	-5.91	8.5692529	-1.34E-01	43145309	43145432	NC_000002.11
cg01283343	1.26E-07	1.51E-08	-5.91	8.5691512	-8.87E-02	42211160	42211283	NC_000019.9
cg19503963	1.27E-07	1.51E-08	-5.91	8.5688991	-9.36E-02	2085005	2085128	NC_000017.10
cg17104202	1.27E-07	1.51E-08	-5.91	8.568812	-8.97E-02	3162404	3162527	NC_000001.10
cg12212706	1.27E-07	1.51E-08	-5.91	8.5686574	-6.16E-02	42817984	42818107	NC_000019.9
cg00687714	1.27E-07	1.51E-08	-5.91	8.5685224	-1.27E-01	21272887	21273010	NC_000016.9
cg16425554	1.27E-07	1.51E-08	-5.91	8.568063	-2.50E-02	64994995	64995118	NC_000002.11
cg21044968	1.27E-07	1.51E-08	-5.91	8.5672057	-6.61E-02	111895086	111895209	NC_000006.11

cg26142380	1.27E-07	1.51E-08	-5.91	8.5665113	-3.61E-02	27276017	27276140	NC_000017.10
cg14116908	1.27E-07	1.52E-08	-5.91	8.5653561	-7.17E-02	95859189	95859312	NC_000009.11
cg15141853	1.27E-07	1.52E-08	-5.91	8.5652172	-7.73E-02	79544771	79544894	NC_000010.10
cg06833203	1.27E-07	1.52E-08	-5.91	8.5648224	-9.09E-02	15218579	15218702	NC_000019.9
cg11888738	1.27E-07	1.52E-08	-5.91	8.5641581	-8.91E-02	1202911	1203034	NC_000004.11
cg27664085	1.27E-07	1.52E-08	-5.91	8.5611799	-1.12E-01	89157815	89157938	NC_000015.9
cg02767068	1.28E-07	1.52E-08	-5.91	8.5606957	-5.89E-02	30198517	30198640	NC_000016.9
cg11556416	1.28E-07	1.52E-08	-5.91	8.5603326	-3.35E-02	191879252	191879375	NC_000002.11
cg24021649	1.28E-07	1.52E-08	-5.91	8.5601818	-6.70E-02	46102063	46102186	NC_000019.9
cg12237269	1.28E-07	1.52E-08	-5.91	8.5601595	-1.24E-01	107582734	107582857	NC_000011.9
cg16819743	1.28E-07	1.52E-08	-5.91	8.5599336	-6.49E-02	177833288	177833411	NC_000001.10
cg00202568	1.28E-07	1.52E-08	-5.91	8.5598236	-1.23E-01	55528166	55528289	NC_000008.10
cg07056299	1.28E-07	1.53E-08	-5.91	8.5588247	-1.49E-01	73393148	73393271	NC_000007.13
cg14210971	1.28E-07	1.53E-08	-5.91	8.558731	-1.62E-02	3014102	3014225	NC_000011.9
cg18173263	1.28E-07	1.53E-08	-5.91	8.5586593	-1.07E-01	17465242	17465365	NC_000017.10
cg06767701	1.28E-07	1.53E-08	-5.91	8.5580448	-1.85E-02	152008878	152009001	NC_000001.10
cg19270739	1.28E-07	1.53E-08	-5.91	8.557378	-8.63E-02	1368846	1368969	NC_000001.10
cg24913168	1.28E-07	1.53E-08	-5.91	8.5570098	-8.40E-02	44971694	44971817	NC_000013.10
cg11282650	1.28E-07	1.53E-08	-5.91	8.5567369	-9.22E-02	102990191	102990314	NC_000010.10
cg05492964	1.28E-07	1.53E-08	-5.91	8.5554975	-4.40E-02	53835262	53835385	NC_000012.11
cg13153865	1.29E-07	1.54E-08	-5.91	8.5524605	-3.92E-02	90914101	90914224	NC_000008.10
cg14474520	1.29E-07	1.54E-08	-5.91	8.5521216	-8.94E-02	124781038	124781161	NC_000012.11
cg05798429	1.29E-07	1.54E-08	-5.91	8.5517729	-7.77E-02	31743928	31744051	NC_000006.11
cg10049535	1.29E-07	1.54E-08	-5.91	8.5504565	-3.78E-02	68299128	68299251	NC_000016.9
cg25794147	1.29E-07	1.54E-08	-5.91	8.5503493	-1.08E-01	2548991	2549114	NC_000007.13

cg22378237	1.29E-07	1.54E-08	-5.9	8.550237	-7.84E-02	94867583	94867706	NC_000015.9
cg03709475	1.29E-07	1.54E-08	-5.9	8.5497804	-1.55E-01	55219492	55219615	NC_000005.9
cg01442565	1.29E-07	1.54E-08	-5.9	8.5486813	-1.28E-01	43787747	43787870	NC_000021.8
cg21974996	1.29E-07	1.54E-08	-5.9	8.5485559	-2.66E-02	78174491	78174614	NC_000014.8
cg22209624	1.29E-07	1.54E-08	-5.9	8.5482128	-1.98E-02	210406738	210406861	NC_000001.10
cg05657488	1.29E-07	1.54E-08	-5.9	8.5475629	-4.05E-02	23689988	23690111	NC_000016.9
cg03820282	1.29E-07	1.54E-08	-5.9	8.5474715	-2.75E-02	106809305	106809428	NC_000007.13
cg04414459	1.29E-07	1.54E-08	-5.9	8.5474308	-1.12E-01	27541213	27541336	NC_000010.10
cg06657888	1.29E-07	1.54E-08	-5.9	8.5469417	-7.99E-02	62531318	62531441	NC_000007.13
cg17408686	1.29E-07	1.55E-08	-5.9	8.5466745	-6.53E-02	126422575	126422698	NC_000003.11
cg15160748	1.29E-07	1.55E-08	-5.9	8.5463473	-1.20E-01	44076586	44076709	NC_000019.9
cg04112126	1.29E-07	1.55E-08	-5.9	8.5445152	-7.78E-02	134980924	134981047	NC_000010.10
cg15214605	1.30E-07	1.55E-08	-5.9	8.5434872	-2.07E-02	50699773	50699896	NC_000013.10
cg06979020	1.30E-07	1.55E-08	-5.9	8.5433402	-8.81E-02	69660388	69660511	NC_000016.9
cg24537973	1.30E-07	1.55E-08	-5.9	8.5424951	-8.68E-02	8661976	8662099	NC_000012.11
cg22078710	1.30E-07	1.55E-08	-5.9	8.5420815	-1.46E-01	53087599	53087722	NC_000015.9
cg05445187	1.30E-07	1.55E-08	-5.9	8.5419803	-5.30E-02	80890588	80890711	NC_000017.10
cg16060189	1.30E-07	1.55E-08	-5.9	8.5415926	-1.24E-01	94350577	94350700	NC_000010.10
cg09588020	1.30E-07	1.55E-08	-5.9	8.5406223	-1.07E-01	27755803	27755926	NC_000001.10
cg15689121	1.30E-07	1.56E-08	-5.9	8.5399557	-1.16E-01	38618977	38619100	NC_000001.10
ch.4.1172045R	1.30E-07	1.56E-08	-5.9	8.5394474	-7.00E-02	57343548	57343671	NC_000004.11
cg01952537	1.30E-07	1.56E-08	-5.9	8.5389873	-9.03E-02	105051261	105051384	NC_000014.8
cg09845205	1.30E-07	1.56E-08	-5.9	8.5377511	-1.27E-01	81591792	81591915	NC_000016.9
cg25212571	1.30E-07	1.56E-08	-5.9	8.5371087	-1.01E-01	153114115	153114238	NC_000001.10
cg24479014	1.30E-07	1.56E-08	-5.9	8.5366974	-1.50E-01	102702656	102702779	NC_000011.9

cg18713316	1.30E-07	1.56E-08	-5.9	8.5365077	-9.48E-02	154732860	154732983	NC_000001.10
cg16188209	1.30E-07	1.56E-08	-5.9	8.5364947	-7.06E-02	103311596	103311719	NC_000012.11
cg07300610	1.31E-07	1.56E-08	-5.9	8.535996	-9.68E-02	30584674	30584797	NC_000016.9
cg20892743	1.31E-07	1.56E-08	-5.9	8.5359071	-1.29E-01	68133159	68133282	NC_000011.9
cg21498490	1.31E-07	1.56E-08	-5.9	8.5357916	-1.37E-01	143182559	143182682	NC_000008.10
cg19240569	1.31E-07	1.56E-08	-5.9	8.5355891	-1.29E-01	63331821	63331944	NC_000011.9
cg00591868	1.31E-07	1.56E-08	-5.9	8.5355722	-7.39E-02	19729048	19729171	NC_000019.9
cg18262201	1.31E-07	1.56E-08	-5.9	8.5354833	-1.14E-01	6187854	6187977	NC_000010.10
cg04560213	1.31E-07	1.56E-08	-5.9	8.5352609	-1.21E-01	13149464	13149587	NC_000016.9
cg26198898	1.31E-07	1.56E-08	-5.9	8.5348096	-3.31E-02	93363666	93363789	NC_000015.9
cg16527794	1.31E-07	1.57E-08	-5.9	8.5339459	-2.78E-02	47600580	47600703	NC_000011.9
cg13514718	1.31E-07	1.57E-08	-5.9	8.5333493	-1.34E-01	23749722	23749845	NC_000007.13
cg13011961	1.31E-07	1.57E-08	-5.9	8.5329255	-1.29E-01	67291183	67291306	NC_000003.11
cg12126344	1.31E-07	1.57E-08	-5.9	8.5325105	-7.19E-02	12207564	12207687	NC_000001.10
cg20237610	1.31E-07	1.57E-08	-5.9	8.5324719	-1.23E-01	129203887	129204010	NC_000006.11
cg10303698	1.31E-07	1.57E-08	-5.9	8.5315923	-7.17E-02	55969998	55970121	NC_000017.10
ch.12.121680993R	1.31E-07	1.57E-08	-5.9	8.5315179	-2.43E-02	123115040	123115163	NC_000012.11
cg23101464	1.31E-07	1.57E-08	-5.9	8.5306707	-3.65E-02	144640755	144640878	NC_000008.10
cg13050953	1.31E-07	1.57E-08	-5.9	8.5306588	-8.83E-02	41392664	41392787	NC_000017.10
cg17746130	1.31E-07	1.57E-08	-5.9	8.5303089	-9.30E-02	40253314	40253437	NC_000001.10
cg04536575	1.31E-07	1.57E-08	-5.9	8.5298704	-4.22E-02	65016802	65016925	NC_000014.8
cg12441694	1.31E-07	1.57E-08	-5.9	8.529511	-1.19E-01	106572969	106573092	NC_000013.10
cg04798984	1.31E-07	1.57E-08	-5.9	8.5293161	-3.40E-02	86547801	86547924	NC_000006.11
cg03833948	1.31E-07	1.57E-08	-5.9	8.5292619	-1.34E-01	21678044	21678167	NC_000012.11
cg22592475	1.32E-07	1.58E-08	-5.9	8.5276985	-1.41E-01	67547334	67547457	NC_000005.9



cg25460262	1.32E-07	1.58E-08	-5.9	8.5255007	-1.49E-01	18499688	18499811	NC_000019.9
cg26853415	1.32E-07	1.58E-08	-5.9	8.5249863	-1.26E-01	26127438	26127561	NC_000017.10
ch.19.1271107R	1.32E-07	1.58E-08	-5.9	8.5247097	-2.16E-02	39332532	39332655	NC_000019.9
ch.13.1448446R	1.32E-07	1.58E-08	-5.9	8.5246006	-2.22E-02	96274458	96274581	NC_000013.10
cg08305378	1.32E-07	1.58E-08	-5.9	8.5242331	-1.60E-01	118953376	118953499	NC_000008.10
cg07183637	1.32E-07	1.58E-08	-5.9	8.5241974	-5.10E-02	31940692	31940815	NC_000006.11
cg27428633	1.32E-07	1.58E-08	-5.9	8.5236352	-1.11E-01	47657926	47658049	NC_000001.10
cg00058644	1.32E-07	1.58E-08	-5.9	8.5226827	-1.12E-01	79844023	79844146	NC_000017.10
cg03138124	1.32E-07	1.59E-08	-5.9	8.521605	-1.25E-01	68290812	68290935	NC_000002.11
cg14042912	1.32E-07	1.59E-08	-5.9	8.5208759	-3.95E-02	118016803	118016926	NC_000011.9
cg08522065	1.32E-07	1.59E-08	-5.9	8.5203578	-3.26E-02	46384600	46384723	NC_000012.11
cg10921334	1.33E-07	1.59E-08	-5.9	8.5197933	-5.96E-02	119529888	119530011	NC_000006.11
cg25396690	1.33E-07	1.59E-08	-5.9	8.5195376	-4.82E-02	7006004	7006127	NC_000002.11
cg14774086	1.33E-07	1.59E-08	-5.9	8.5194031	-3.23E-02	24181270	24181393	NC_000022.10
cg25276640	1.33E-07	1.59E-08	-5.9	8.5172261	-7.88E-02	6124631	6124754	NC_000007.13
cg26139559	1.33E-07	1.59E-08	-5.9	8.5169979	-1.18E-01	37069791	37069914	NC_000014.8
cg08620789	1.33E-07	1.59E-08	-5.9	8.5158075	-2.66E-02	157129638	157129761	NC_000007.13
cg24595152	1.33E-07	1.60E-08	-5.9	8.5156175	-9.69E-02	43733831	43733954	NC_000003.11
cg14539394	1.33E-07	1.60E-08	-5.9	8.5151601	-1.63E-02	45496315	45496438	NC_000010.10
cg12423733	1.33E-07	1.60E-08	-5.9	8.5149464	-1.42E-01	29454623	29454746	NC_000006.11
cg07845392	1.33E-07	1.60E-08	-5.9	8.5144593	-1.26E-01	79678158	79678281	NC_000017.10
cg17632214	1.33E-07	1.60E-08	-5.9	8.514199	-2.41E-02	31556050	31556173	NC_000022.10
cg17946713	1.34E-07	1.60E-08	-5.9	8.5106828	-5.53E-02	14108721	14108844	NC_000005.9
cg05655647	1.34E-07	1.60E-08	-5.9	8.5102666	-9.33E-02	51157023	51157146	NC_000012.11
cg25520249	1.34E-07	1.60E-08	-5.9	8.510219	-1.22E-01	41700269	41700392	NC_000019.9

cg25078908	1.34E-07	1.61E-08	-5.9	8.5093489	-5.97E-02	30434661	30434784	NC_000015.9
cg01283887	1.34E-07	1.61E-08	-5.9	8.5093483	-1.13E-01	69366755	69366878	NC_000010.10
cg02286008	1.34E-07	1.61E-08	-5.9	8.5091545	-1.13E-01	30133247	30133370	NC_000016.9
cg19659125	1.34E-07	1.61E-08	-5.9	8.50808	-3.01E-02	18794596	18794719	NC_000019.9
cg18108683	1.34E-07	1.61E-08	-5.9	8.5065542	-1.50E-01	102477205	102477328	NC_000007.13
cg27469606	1.34E-07	1.61E-08	-5.9	8.5053751	-1.06E-01	1154485	1154608	NC_000019.9
cg02915739	1.35E-07	1.61E-08	-5.9	8.5045242	-1.00E-01	17910374	17910497	NC_000017.10
cg15197745	1.35E-07	1.62E-08	-5.9	8.5035098	-1.00E-01	124474980	124475103	NC_000010.10
cg12911952	1.35E-07	1.62E-08	-5.9	8.5033583	-1.20E-01	2924523	2924646	NC_000011.9
cg03875347	1.35E-07	1.62E-08	-5.9	8.5026727	-1.90E-02	1102609	1102732	NC_000010.10
cg00645339	1.35E-07	1.62E-08	-5.9	8.5021086	-9.18E-02	45670875	45670998	NC_000015.9
cg07693931	1.35E-07	1.62E-08	-5.9	8.5015326	-4.78E-02	158449734	158449857	NC_000003.11
cg18328334	1.35E-07	1.62E-08	-5.9	8.501499	-9.69E-02	218808652	218808775	NC_000002.11
cg26234543	1.35E-07	1.62E-08	-5.9	8.5009956	-7.91E-02	62732450	62732573	NC_000002.11
cg12929040	1.35E-07	1.62E-08	-5.9	8.5005841	-2.91E-02	56792373	56792496	NC_000008.10
cg11778714	1.35E-07	1.62E-08	-5.9	8.5004515	-1.38E-01	79605162	79605285	NC_000010.10
cg27404824	1.35E-07	1.62E-08	-5.89	8.4998633	-9.98E-02	1454848	1454971	NC_000010.10
cg09223687	1.35E-07	1.62E-08	-5.89	8.499805	-9.71E-02	1027885	1028008	NC_000004.11
cg13848905	1.35E-07	1.62E-08	-5.89	8.4997608	-8.76E-02	179560700	179560823	NC_000001.10
cg23356831	1.35E-07	1.62E-08	-5.89	8.4996064	-9.00E-02	105996513	105996636	NC_000014.8
cg01761236	1.35E-07	1.62E-08	-5.89	8.4992777	-1.04E-01	102990251	102990374	NC_000014.8
ch.22.22597277R	1.36E-07	1.63E-08	-5.89	8.4959937	-2.27E-02	24267277	24267400	NC_000022.10
cg16564710	1.36E-07	1.63E-08	-5.89	8.4957651	-1.62E-02	153508839	153508962	NC_000001.10
cg20784823	1.36E-07	1.63E-08	-5.89	8.4957333	-6.32E-02	112213418	112213541	NC_000007.13
cg07863354	1.36E-07	1.63E-08	-5.89	8.495431	-1.36E-01	80832611	80832734	NC_000017.10

cg24708674	1.36E-07	1.63E-08	-5.89	8.4951514	-8.47E-02	73875284	73875407	NC_000017.10
cg07818830	1.36E-07	1.63E-08	-5.89	8.4947761	-2.68E-02	76953439	76953562	NC_000012.11
cg15902864	1.36E-07	1.63E-08	-5.89	8.4942988	-1.08E-01	33504903	33505026	NC_000005.9
cg01103812	1.36E-07	1.63E-08	-5.89	8.4939535	-3.88E-02	26986269	26986392	NC_000012.11
cg08747277	1.36E-07	1.63E-08	-5.89	8.4938058	-5.30E-02	96048126	96048249	NC_000006.11
cg03500164	1.36E-07	1.63E-08	-5.89	8.4929099	-1.08E-01	58160046	58160169	NC_000017.10
cg02519286	1.36E-07	1.63E-08	-5.89	8.4925717	-4.56E-02	6642354	6642477	NC_000012.11
cg20737812	1.36E-07	1.63E-08	-5.89	8.4920369	-1.22E-01	86336631	86336754	NC_000015.9
cg18983132	1.36E-07	1.64E-08	-5.89	8.4913211	-1.26E-01	78024305	78024428	NC_000007.13
cg06497921	1.36E-07	1.64E-08	-5.89	8.4909034	-1.31E-01	11796786	11796909	NC_000002.11
cg22734315	1.36E-07	1.64E-08	-5.89	8.4904095	-3.59E-02	81069742	81069865	NC_000016.9
ch.8.34134444F	1.36E-07	1.64E-08	-5.89	8.489875	-2.99E-02	34014902	34015025	NC_000008.10
cg12651014	1.36E-07	1.64E-08	-5.89	8.4894216	-3.37E-02	32735292	32735415	NC_000010.10
cg05492735	1.36E-07	1.64E-08	-5.89	8.489417	-1.16E-01	104445402	104445525	NC_000007.13
cg06178299	1.37E-07	1.64E-08	-5.89	8.4888058	-6.34E-02	18967508	18967631	NC_000001.10
cg01602730	1.37E-07	1.64E-08	-5.89	8.4877753	-1.46E-01	153671011	153671134	NC_000001.10
cg21799270	1.37E-07	1.64E-08	-5.89	8.4876093	-4.56E-02	133985246	133985369	NC_000005.9
cg13977323	1.37E-07	1.64E-08	-5.89	8.4873409	-1.16E-02	1704065	1704188	NC_000012.11
cg11733294	1.37E-07	1.64E-08	-5.89	8.4873004	-3.09E-02	118123053	118123176	NC_000011.9
cg07442105	1.37E-07	1.64E-08	-5.89	8.4864792	-8.21E-02	66962501	66962624	NC_000016.9
cg19340296	1.37E-07	1.64E-08	-5.89	8.485932	-1.24E-01	52288804	52288927	NC_000006.11
cg07742374	1.37E-07	1.65E-08	-5.89	8.4830946	-3.99E-02	68933067	68933190	NC_000012.11
cg25965355	1.37E-07	1.65E-08	-5.89	8.4827177	-4.96E-02	79151966	79152089	NC_000011.9
cg01166892	1.37E-07	1.65E-08	-5.89	8.4826799	-1.07E-01	85320882	85321005	NC_000016.9
cg05346193	1.37E-07	1.65E-08	-5.89	8.4826227	-3.63E-02	73087168	73087291	NC_000011.9

cg03092607	1.37E-07	1.65E-08	-5.89	8.4825605	-2.20E-02	96068514	96068637	NC_000002.11
cg22059438	1.37E-07	1.65E-08	-5.89	8.4822743	-1.39E-01	145641882	145642005	NC_000008.10
cg23457901	1.38E-07	1.65E-08	-5.89	8.4804702	-1.27E-01	52402140	52402263	NC_000006.11
cg12149609	1.38E-07	1.66E-08	-5.89	8.4787043	-1.16E-01	42816600	42816723	NC_000020.10
cg15996647	1.38E-07	1.66E-08	-5.89	8.4775367	-1.05E-01	118900302	118900425	NC_000002.11
cg21439481	1.38E-07	1.66E-08	-5.89	8.4770415	-1.34E-01	143201145	143201268	NC_000008.10
cg14899563	1.38E-07	1.66E-08	-5.89	8.4766767	-3.39E-02	80656473	80656596	NC_000017.10
cg02455706	1.38E-07	1.66E-08	-5.89	8.476532	-1.25E-01	84918851	84918974	NC_000016.9
cg12833720	1.38E-07	1.66E-08	-5.89	8.4760807	-3.02E-02	45251551	45251674	NC_000019.9
cg26651122	1.38E-07	1.66E-08	-5.89	8.4746119	-9.97E-02	56641777	56641900	NC_000016.9
cg10613224	1.39E-07	1.67E-08	-5.89	8.4738169	-1.17E-01	202671583	202671706	NC_000002.11
cg07624948	1.39E-07	1.67E-08	-5.89	8.4737719	-4.62E-02	28962847	28962970	NC_000016.9
cg25582403	1.39E-07	1.67E-08	-5.89	8.4731592	-3.94E-02	37844421	37844544	NC_000017.10
cg20755353	1.39E-07	1.67E-08	-5.89	8.4730508	-2.48E-02	1510883	1511006	NC_000001.10
cg14009632	1.39E-07	1.67E-08	-5.89	8.4722835	-6.21E-02	43445012	43445135	NC_000006.11
cg24759919	1.39E-07	1.67E-08	-5.89	8.4722478	-5.87E-02	7702494	7702617	NC_000019.9
cg16739544	1.39E-07	1.67E-08	-5.89	8.4718082	-1.07E-01	85518792	85518915	NC_000016.9
cg19375028	1.39E-07	1.67E-08	-5.89	8.4713724	-4.28E-02	41744830	41744953	NC_000022.10
cg12352399	1.39E-07	1.67E-08	-5.89	8.4708324	-1.03E-01	25689774	25689897	NC_000003.11
cg10914667	1.39E-07	1.67E-08	-5.89	8.4703024	-1.11E-01	59191352	59191475	NC_000011.9
cg23962746	1.39E-07	1.67E-08	-5.89	8.4702483	-1.32E-01	209105888	209106011	NC_000001.10
cg22843395	1.39E-07	1.67E-08	-5.89	8.4700559	-6.58E-02	39639820	39639943	NC_000014.8
cg04892766	1.39E-07	1.67E-08	-5.89	8.4682133	-1.14E-01	72570318	72570441	NC_000003.11
cg27217194	1.39E-07	1.68E-08	-5.89	8.4679771	-3.62E-02	29600139	29600262	NC_000006.11
cg16011480	1.39E-07	1.68E-08	-5.89	8.4676926	-3.78E-02	97667594	97667717	NC_000010.10

cg24881569	1.39E-07	1.68E-08	-5.89	8.4673955	-8.68E-02	59400820	59400943	NC_000017.10
cg00268019	1.39E-07	1.68E-08	-5.89	8.4669823	-3.20E-02	160761302	160761425	NC_000002.11
cg14947955	1.39E-07	1.68E-08	-5.89	8.4668891	-7.30E-02	50877341	50877464	NC_000014.8
cg23239052	1.39E-07	1.68E-08	-5.89	8.4666137	-2.75E-02	79008930	79009053	NC_000017.10
cg16493238	1.40E-07	1.68E-08	-5.89	8.4659075	-1.24E-01	7928236	7928359	NC_000011.9
cg01144019	1.40E-07	1.68E-08	-5.89	8.4657278	-1.21E-01	63188741	63188864	NC_000015.9
cg12424624	1.40E-07	1.68E-08	-5.89	8.4655341	-8.59E-02	46718941	46719064	NC_000003.11
cg06612088	1.40E-07	1.68E-08	-5.89	8.4651712	-1.60E-01	11589016	11589139	NC_000005.9
cg22207900	1.40E-07	1.68E-08	-5.89	8.4644499	-2.56E-02	64072031	64072154	NC_000011.9
cg20640432	1.40E-07	1.68E-08	-5.89	8.4641752	-2.86E-02	4153445	4153568	NC_000019.9
cg24407596	1.40E-07	1.68E-08	-5.89	8.4634148	-1.17E-01	98718683	98718806	NC_000007.13
cg19262315	1.40E-07	1.68E-08	-5.89	8.46278	-1.00E-01	67325980	67326103	NC_000011.9
cg24524366	1.40E-07	1.68E-08	-5.89	8.4622553	-1.31E-02	211689016	211689139	NC_000001.10
cg26003056	1.40E-07	1.69E-08	-5.89	8.4621174	-1.30E-01	89908195	89908318	NC_000005.9
cg11799735	1.40E-07	1.69E-08	-5.89	8.4618413	-3.26E-02	75111455	75111578	NC_000011.9
cg07291100	1.40E-07	1.69E-08	-5.89	8.4606988	-1.25E-01	139812907	139813030	NC_000003.11
cg27144368	1.41E-07	1.69E-08	-5.89	8.4586484	-1.35E-01	100286635	100286758	NC_000014.8
cg06291428	1.41E-07	1.69E-08	-5.89	8.4565022	-1.64E-01	57559063	57559186	NC_000011.9
cg20971407	1.41E-07	1.70E-08	-5.89	8.4557244	-1.01E-01	5022392	5022515	NC_000003.11
cg04843615	1.41E-07	1.70E-08	-5.89	8.4551736	-7.04E-02	113613229	113613352	NC_000013.10
cg15168892	1.41E-07	1.70E-08	-5.89	8.4549454	-7.08E-02	15220709	15220832	NC_000021.8
cg11179180	1.41E-07	1.70E-08	-5.89	8.4541345	-9.69E-02	78986371	78986494	NC_000011.9
cg24549639	1.41E-07	1.70E-08	-5.89	8.4531179	-3.09E-02	69201477	69201600	NC_000012.11
cg10325497	1.41E-07	1.70E-08	-5.89	8.4531111	-1.01E-01	32739049	32739172	NC_000001.10
ch.1.3042365R	1.41E-07	1.70E-08	-5.89	8.4530626	-1.47E-02	155888432	155888555	NC_000001.10

cg06364319	1.41E-07	1.70E-08	-5.89	8.4528613	-3.28E-02	196730303	196730426	NC_000003.11
cg26669397	1.41E-07	1.70E-08	-5.89	8.4524151	-1.21E-01	228889628	228889751	NC_000001.10
cg21807034	1.42E-07	1.70E-08	-5.89	8.4512517	-1.43E-01	61144150	61144273	NC_000018.9
cg25344639	1.42E-07	1.70E-08	-5.89	8.4512197	-2.04E-02	75137144	75137267	NC_000017.10
cg00939353	1.42E-07	1.70E-08	-5.89	8.4507502	-1.32E-01	58162955	58163078	NC_000003.11
cg11765003	1.42E-07	1.70E-08	-5.89	8.4507358	-8.31E-02	220024730	220024853	NC_000002.11
cg13916990	1.42E-07	1.71E-08	-5.89	8.4505981	-5.63E-02	34048851	34048974	NC_000009.11
cg19204958	1.42E-07	1.71E-08	-5.88	8.4488975	-9.75E-02	415937	416060	NC_000010.10
cg26963632	1.42E-07	1.71E-08	-5.88	8.448706	-7.28E-02	85558148	85558271	NC_000016.9
cg01601658	1.42E-07	1.71E-08	-5.88	8.4486716	-1.25E-01	168785524	168785647	NC_000006.11
cg04488822	1.42E-07	1.71E-08	-5.88	8.4484645	-4.26E-02	103558134	103558257	NC_000014.8
cg06281648	1.42E-07	1.71E-08	-5.88	8.4477582	-4.73E-02	58039281	58039404	NC_000016.9
cg05206559	1.42E-07	1.71E-08	-5.88	8.4477488	-9.40E-02	46417255	46417378	NC_000019.9
cg14193156	1.42E-07	1.71E-08	-5.88	8.4475787	-1.29E-01	73056104	73056227	NC_000017.10
cg16964809	1.42E-07	1.71E-08	-5.88	8.4472392	-3.90E-02	233463318	233463441	NC_000001.10
cg17467557	1.42E-07	1.71E-08	-5.88	8.4464405	-1.34E-02	32319681	32319804	NC_000020.10
cg12663811	1.42E-07	1.71E-08	-5.88	8.4462815	-7.98E-02	901685	901808	NC_000001.10
cg02031597	1.42E-07	1.71E-08	-5.88	8.4461086	-2.01E-02	50683365	50683488	NC_000022.10
cg25829488	1.42E-07	1.72E-08	-5.88	8.4447451	-8.33E-02	39457521	39457644	NC_000015.9
cg19450302	1.42E-07	1.72E-08	-5.88	8.4445371	-1.10E-01	9160869	9160992	NC_000011.9
cg07523470	1.43E-07	1.72E-08	-5.88	8.4417072	-9.08E-02	23974496	23974619	NC_000022.10
cg18142906	1.43E-07	1.72E-08	-5.88	8.4413376	-1.20E-01	167293814	167293937	NC_000003.11
cg14985076	1.43E-07	1.72E-08	-5.88	8.4407916	-6.94E-02	86042149	86042272	NC_000001.10
cg05911928	1.43E-07	1.72E-08	-5.88	8.4405475	-2.14E-02	233415245	233415368	NC_000002.11
cg03458344	1.43E-07	1.72E-08	-5.88	8.4397537	-1.19E-01	170964477	170964600	NC_000001.10

cg01652476	1.43E-07	1.73E-08	-5.88	8.4391705	-1.22E-01	809048	809171	NC_000007.13
cg24873508	1.43E-07	1.73E-08	-5.88	8.4371414	-2.00E-02	219271892	219272015	NC_000002.11
cg04210544	1.44E-07	1.73E-08	-5.88	8.4367878	-2.68E-02	111806530	111806653	NC_000013.10
cg17591573	1.44E-07	1.73E-08	-5.88	8.4366942	-9.37E-02	33156206	33156329	NC_000006.11
cg25003047	1.44E-07	1.73E-08	-5.88	8.4365433	-6.58E-02	134882702	134882825	NC_000005.9
cg24393055	1.44E-07	1.73E-08	-5.88	8.436539	-2.04E-02	141705521	141705644	NC_000005.9
cg02153041	1.44E-07	1.73E-08	-5.88	8.4362962	-1.23E-01	131502934	131503057	NC_000012.11
cg05308819	1.44E-07	1.73E-08	-5.88	8.4357304	-1.10E-01	155959156	155959279	NC_000001.10
cg10521480	1.44E-07	1.73E-08	-5.88	8.4357183	-1.59E-01	182721424	182721547	NC_000001.10
cg05899741	1.44E-07	1.73E-08	-5.88	8.434972	-6.80E-02	43901084	43901207	NC_000004.11
cg16296902	1.44E-07	1.73E-08	-5.88	8.4348562	-1.09E-01	43396802	43396925	NC_000005.9
cg04671462	1.44E-07	1.74E-08	-5.88	8.4336331	-1.02E-01	156647602	156647725	NC_000001.10
cg24997659	1.44E-07	1.74E-08	-5.88	8.4311934	-6.89E-02	177015777	177015900	NC_000005.9
cg18285722	1.44E-07	1.74E-08	-5.88	8.431049	-8.15E-02	95507615	95507738	NC_000014.8
cg03697881	1.44E-07	1.74E-08	-5.88	8.4308832	-1.09E-01	40803287	40803410	NC_000007.13
cg05943563	1.44E-07	1.74E-08	-5.88	8.4304131	-2.94E-02	88636557	88636680	NC_000016.9
cg22762951	1.45E-07	1.74E-08	-5.88	8.4286927	-2.79E-02	224518104	224518227	NC_000001.10
cg15763984	1.45E-07	1.74E-08	-5.88	8.42859	-1.36E-01	1342303	1342426	NC_000004.11
cg01579629	1.45E-07	1.75E-08	-5.88	8.4278247	-4.66E-02	233771125	233771248	NC_000002.11
cg17075459	1.45E-07	1.75E-08	-5.88	8.4275972	-1.17E-01	70931257	70931380	NC_000002.11
ch.2.4478726F	1.45E-07	1.75E-08	-5.88	8.4273573	-2.97E-02	224602942	224603065	NC_000002.11
cg16265859	1.45E-07	1.75E-08	-5.88	8.4269148	-1.28E-01	19401069	19401192	NC_000001.10
cg03147592	1.45E-07	1.75E-08	-5.88	8.4266229	-1.15E-01	133022955	133023078	NC_000012.11
cg11580790	1.45E-07	1.75E-08	-5.88	8.4259895	-9.98E-02	99356163	99356286	NC_000010.10
cg21655444	1.45E-07	1.75E-08	-5.88	8.42562	-1.05E-01	74770402	74770525	NC_000018.9

cg14855292	1.45E-07	1.75E-08	-5.88	8.4253137	-1.57E-01	825415	825538	NC_000020.10
cg02624129	1.45E-07	1.75E-08	-5.88	8.4244025	-7.27E-02	130786230	130786353	NC_000011.9
cg19877741	1.45E-07	1.75E-08	-5.88	8.4229999	-1.77E-01	644219	644342	NC_000007.13
cg27034836	1.45E-07	1.75E-08	-5.88	8.422574	-4.77E-02	33139098	33139221	NC_000003.11
cg02584187	1.46E-07	1.76E-08	-5.88	8.4213025	-5.56E-02	48575128	48575251	NC_000013.10
cg06330621	1.46E-07	1.76E-08	-5.88	8.4209609	-7.34E-02	87525461	87525584	NC_000016.9
cg26274929	1.46E-07	1.76E-08	-5.88	8.4209406	-1.10E-01	203965350	203965473	NC_000001.10
cg10600964	1.46E-07	1.76E-08	-5.88	8.4202036	-6.94E-02	114492301	114492424	NC_000010.10
cg02062816	1.46E-07	1.76E-08	-5.88	8.4199964	-1.06E-01	163166949	163167072	NC_000001.10
cg13392029	1.46E-07	1.76E-08	-5.88	8.419951	-1.26E-01	44400749	44400872	NC_000001.10
cg07889337	1.46E-07	1.76E-08	-5.88	8.4198901	-1.39E-02	38257022	38257145	NC_000017.10
cg05751159	1.46E-07	1.76E-08	-5.88	8.4188713	-1.38E-02	130081017	130081140	NC_000007.13
cg16177556	1.46E-07	1.76E-08	-5.88	8.4177611	-9.98E-02	186876457	186876580	NC_000004.11
cg24046474	1.46E-07	1.76E-08	-5.88	8.4172319	-1.02E-01	130212550	130212673	NC_000009.11
cg12593608	1.46E-07	1.76E-08	-5.88	8.4171837	-1.55E-02	72668042	72668165	NC_000015.9
cg15914828	1.46E-07	1.77E-08	-5.88	8.4155483	-1.22E-01	38068755	38068878	NC_000014.8
cg04813911	1.46E-07	1.77E-08	-5.88	8.4153831	-8.95E-02	65503889	65504012	NC_000015.9
cg09973986	1.47E-07	1.77E-08	-5.88	8.4141101	-1.38E-01	58135973	58136096	NC_000012.11
cg17403520	1.47E-07	1.77E-08	-5.88	8.4140664	-6.04E-02	33359638	33359761	NC_000006.11
cg17407908	1.47E-07	1.77E-08	-5.88	8.4135549	-5.37E-02	32153115	32153238	NC_000006.11
cg00983899	1.47E-07	1.77E-08	-5.88	8.4134343	-8.42E-02	67290853	67290976	NC_000011.9
cg01277763	1.47E-07	1.77E-08	-5.88	8.413353	-3.22E-02	123011700	123011823	NC_000012.11
cg16364675	1.47E-07	1.77E-08	-5.88	8.4133478	-1.15E-01	103096221	103096344	NC_000014.8
cg03223580	1.47E-07	1.77E-08	-5.88	8.4131784	-7.36E-02	76742630	76742753	NC_000012.11
cg23078194	1.47E-07	1.77E-08	-5.88	8.4118431	-9.23E-02	27661566	27661689	NC_000006.11



cg14910265	1.47E-07	1.77E-08	-5.88	8.4116779	-3.72E-02	45670406	45670529	NC_000015.9
cg22662233	1.47E-07	1.78E-08	-5.88	8.411075	-4.31E-02	21512258	21512381	NC_000019.9
cg05514903	1.47E-07	1.78E-08	-5.88	8.4109494	-9.12E-02	49494173	49494296	NC_000008.10
cg26085197	1.47E-07	1.78E-08	-5.88	8.4109344	-2.82E-02	178789612	178789735	NC_000003.11
cg01429256	1.47E-07	1.78E-08	-5.88	8.4104923	-7.29E-02	17687834	17687957	NC_000017.10
cg03977174	1.47E-07	1.78E-08	-5.88	8.4103117	-1.22E-01	148942547	148942670	NC_000005.9
cg02675859	1.47E-07	1.78E-08	-5.88	8.40912	-5.52E-02	76227227	76227350	NC_000017.10
cg01580568	1.47E-07	1.78E-08	-5.88	8.4088488	-1.12E-01	209825856	209825979	NC_000001.10
cg01101354	1.48E-07	1.78E-08	-5.88	8.4081802	-5.51E-02	33219335	33219458	NC_000006.11
cg11428546	1.48E-07	1.78E-08	-5.88	8.4078764	-1.25E-01	100723110	100723233	NC_000002.11
cg21077578	1.48E-07	1.78E-08	-5.88	8.4066846	-7.82E-02	1022970	1023093	NC_000007.13
cg23646360	1.48E-07	1.78E-08	-5.88	8.4064911	-7.88E-02	10886130	10886253	NC_000006.11
cg27152299	1.48E-07	1.78E-08	-5.88	8.4061626	-1.19E-01	71238225	71238348	NC_000011.9
ch.19.228877F	1.48E-07	1.79E-08	-5.88	8.4059374	-2.65E-02	4219909	4220032	NC_000019.9
cg01036148	1.48E-07	1.79E-08	-5.88	8.4056253	-2.13E-02	201951866	201951989	NC_000001.10
cg15815206	1.48E-07	1.79E-08	-5.88	8.4055637	-2.33E-02	13227474	13227597	NC_000019.9
cg04743654	1.48E-07	1.79E-08	-5.88	8.4047216	-1.56E-01	50378292	50378415	NC_000003.11
cg15316334	1.48E-07	1.79E-08	-5.88	8.404681	-7.70E-02	42211252	42211375	NC_000019.9
cg08376310	1.48E-07	1.79E-08	-5.88	8.403947	-1.26E-01	2858621	2858744	NC_000011.9
cg11747349	1.48E-07	1.79E-08	-5.88	8.4032462	-5.14E-02	32164553	32164676	NC_000006.11
cg00934037	1.48E-07	1.79E-08	-5.88	8.4028733	-1.35E-01	100889672	100889795	NC_000001.10
cg12564097	1.48E-07	1.79E-08	-5.88	8.4023822	-6.81E-02	40732762	40732885	NC_000019.9
cg24797508	1.48E-07	1.79E-08	-5.88	8.4021278	-1.15E-01	67583609	67583732	NC_000005.9
cg19778455	1.49E-07	1.79E-08	-5.88	8.400692	-7.07E-02	42924913	42925036	NC_000003.11
cg00168694	1.49E-07	1.80E-08	-5.87	8.3998728	-1.39E-01	40193056	40193179	NC_000021.8

cg10258385	1.49E-07	1.80E-08	-5.87	8.3997879	-5.72E-02	17410380	17410503	NC_000011.9
cg23295886	1.49E-07	1.80E-08	-5.87	8.3976525	-7.44E-02	8367314	8367437	NC_000018.9
cg15799267	1.49E-07	1.80E-08	-5.87	8.3970853	-9.34E-02	7942406	7942529	NC_000017.10
cg00318013	1.49E-07	1.80E-08	-5.87	8.3967146	-1.19E-01	55119388	55119511	NC_000017.10
cg04122568	1.49E-07	1.80E-08	-5.87	8.3967139	-3.26E-02	90675774	90675897	NC_000005.9
cg11237426	1.49E-07	1.80E-08	-5.87	8.3962975	-4.88E-02	179545166	179545289	NC_000001.10
cg22272492	1.49E-07	1.80E-08	-5.87	8.3962712	-1.08E-01	2925996	2926119	NC_000011.9
cg27066295	1.49E-07	1.80E-08	-5.87	8.3955186	-1.20E-01	87778903	87779026	NC_000016.9
cg24152976	1.49E-07	1.81E-08	-5.87	8.3951041	-9.12E-02	236100696	236100819	NC_000002.11
cg23424400	1.49E-07	1.81E-08	-5.87	8.3941938	-5.49E-02	122985803	122985926	NC_000012.11
cg06743037	1.49E-07	1.81E-08	-5.87	8.3940115	-1.35E-01	80550531	80550654	NC_000007.13
cg22221074	1.50E-07	1.81E-08	-5.87	8.3937622	-8.02E-02	3862810	3862933	NC_000012.11
cg11658054	1.50E-07	1.81E-08	-5.87	8.3935342	-6.28E-02	61988717	61988840	NC_000017.10
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cg14132167	1.50E-07	1.81E-08	-5.87	8.3930777	-1.04E-01	90661052	90661175	NC_000006.11
cg07078452	1.50E-07	1.81E-08	-5.87	8.3927341	-1.16E-01	151093041	151093164	NC_000007.13
cg03511735	1.50E-07	1.81E-08	-5.87	8.3927138	-1.70E-01	142405227	142405350	NC_000008.10
cg04114537	1.50E-07	1.81E-08	-5.87	8.3925759	-4.43E-02	155259883	155260006	NC_000003.11
cg11061422	1.50E-07	1.81E-08	-5.87	8.3925212	-7.62E-02	73136913	73137036	NC_000010.10
cg09174674	1.50E-07	1.81E-08	-5.87	8.3910167	-1.44E-02	9884042	9884165	NC_000001.10
cg14512870	1.50E-07	1.81E-08	-5.87	8.3906162	-8.90E-02	173330342	173330465	NC_000002.11
cg14950321	1.50E-07	1.82E-08	-5.87	8.388196	-1.25E-01	4530233	4530356	NC_000019.9
cg17181653	1.50E-07	1.82E-08	-5.87	8.3875559	-1.29E-01	144417537	144417660	NC_000006.11
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cg20293725	1.51E-07	1.82E-08	-5.87	8.3866911	-1.30E-01	1121899	1122022	NC_000007.13

cg09153895	1.51E-07	1.82E-08	-5.87	8.3858704	-1.66E-01	58179869	58179992	NC_000017.10
cg27233566	1.51E-07	1.82E-08	-5.87	8.3854464	-4.20E-02	49894142	49894265	NC_000003.11
cg02744632	1.51E-07	1.82E-08	-5.87	8.3849946	-8.52E-02	224441764	224441887	NC_000002.11
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cg16724720	1.51E-07	1.83E-08	-5.87	8.3842097	-8.98E-02	222544693	222544816	NC_000001.10
cg25705266	1.51E-07	1.83E-08	-5.87	8.3833047	-1.17E-01	30049574	30049697	NC_000017.10
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cg00690710	1.52E-07	1.83E-08	-5.87	8.3796846	-9.75E-02	19615438	19615561	NC_000001.10
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cg09844687	1.52E-07	1.84E-08	-5.87	8.378418	-4.91E-02	154597547	154597670	NC_000001.10
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cg08363042	1.52E-07	1.84E-08	-5.87	8.3779509	-8.63E-02	36043140	36043263	NC_000021.8
cg01195196	1.52E-07	1.84E-08	-5.87	8.3776441	-1.57E-01	2770211	2770334	NC_000016.9
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cg07756477	1.52E-07	1.85E-08	-5.87	8.3736409	-8.39E-02	75105012	75105135	NC_000015.9
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cg02357046	1.53E-07	1.85E-08	-5.87	8.3725342	-1.12E-01	1686926	1687049	NC_000004.11
cg04720865	1.53E-07	1.85E-08	-5.87	8.3724104	-1.16E-01	27948927	27949050	NC_000008.10
cg04643397	1.53E-07	1.85E-08	-5.87	8.3719648	-1.35E-01	120118807	120118930	NC_000012.11
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cg16643422	1.53E-07	1.85E-08	-5.87	8.3714276	-1.06E-01	13111435	13111558	NC_000008.10
cg12552165	1.53E-07	1.85E-08	-5.87	8.3713874	-1.00E-01	183154981	183155104	NC_000001.10
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cg26601559	1.53E-07	1.86E-08	-5.87	8.3663624	-3.71E-02	77837019	77837142	NC_000005.9
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cg26969179	1.54E-07	1.86E-08	-5.87	8.3657285	-1.10E-01	127738328	127738451	NC_000010.10
cg07037944	1.54E-07	1.86E-08	-5.87	8.3656553	-1.00E-01	64290807	64290930	NC_000015.9
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cg22960347	1.54E-07	1.86E-08	-5.87	8.3650589	-7.74E-02	155276653	155276776	NC_000007.13
cg14094333	1.54E-07	1.86E-08	-5.87	8.3643211	-5.43E-02	38666051	38666174	NC_000004.11

cg03556021	1.54E-07	1.86E-08	-5.87	8.3640663	-1.37E-01	112258649	112258772	NC_000005.9
cg14097440	1.54E-07	1.86E-08	-5.87	8.3640468	-1.03E-01	74251018	74251141	NC_000014.8
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cg02813298	1.54E-07	1.87E-08	-5.87	8.3630847	-6.23E-02	863136	863259	NC_000019.9
cg16807961	1.54E-07	1.87E-08	-5.87	8.3626175	-1.08E-01	2699860	2699983	NC_000017.10
cg02346342	1.54E-07	1.87E-08	-5.87	8.3621634	-1.18E-01	74332435	74332558	NC_000008.10
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cg04785213	1.54E-07	1.87E-08	-5.87	8.3607846	-1.32E-01	69743616	69743739	NC_000012.11
cg15438314	1.54E-07	1.87E-08	-5.87	8.3604717	-8.91E-02	17190397	17190520	NC_000019.9
cg23412091	1.54E-07	1.87E-08	-5.87	8.3600227	-3.94E-02	185217061	185217184	NC_000003.11
cg09026875	1.54E-07	1.87E-08	-5.87	8.3596169	-2.75E-02	60501189	60501312	NC_000017.10
cg13423274	1.55E-07	1.87E-08	-5.87	8.3588029	-1.17E-01	28695679	28695802	NC_000011.9
cg13260148	1.55E-07	1.87E-08	-5.87	8.3586949	-1.14E-01	72227294	72227417	NC_000003.11
cg22325186	1.55E-07	1.87E-08	-5.87	8.3582738	-7.18E-02	133158791	133158914	NC_000012.11
cg11421255	1.55E-07	1.88E-08	-5.87	8.3579611	-3.49E-02	60690974	60691097	NC_000015.9
cg03885646	1.55E-07	1.88E-08	-5.87	8.3578265	-1.09E-01	156273458	156273581	NC_000003.11
cg10082088	1.55E-07	1.88E-08	-5.87	8.3575794	-7.75E-02	124856376	124856499	NC_000012.11
cg13646480	1.55E-07	1.88E-08	-5.87	8.3569845	-1.11E-01	125110034	125110157	NC_000009.11
cg09431318	1.55E-07	1.88E-08	-5.87	8.3569826	-1.19E-01	1652082	1652205	NC_000011.9
cg12678667	1.55E-07	1.88E-08	-5.87	8.3551194	-3.48E-02	223536123	223536246	NC_000002.11
cg07019638	1.55E-07	1.88E-08	-5.87	8.3539339	-1.39E-01	64635774	64635897	NC_000011.9
cg20831777	1.56E-07	1.89E-08	-5.87	8.3509702	-4.49E-02	55100918	55101041	NC_000004.11
cg27664343	1.56E-07	1.89E-08	-5.87	8.3509198	-6.70E-02	133296224	133296347	NC_000012.11
cg08774694	1.56E-07	1.89E-08	-5.87	8.3508831	-9.93E-02	75287019	75287142	NC_000016.9

cg23684507	1.56E-07	1.89E-08	-5.86	8.35001	-2.84E-02	6271878	6272001	NC_000004.11
cg04295632	1.56E-07	1.89E-08	-5.86	8.34873	-1.11E-01	101927304	101927427	NC_000014.8
cg19468534	1.56E-07	1.89E-08	-5.86	8.3479766	-1.11E-01	41623761	41623884	NC_000015.9
cg01806808	1.56E-07	1.90E-08	-5.86	8.3471433	-2.97E-02	142011144	142011267	NC_000008.10
cg23856536	1.56E-07	1.90E-08	-5.86	8.3468487	-1.24E-01	101384349	101384472	NC_000007.13
cg20460166	1.57E-07	1.90E-08	-5.86	8.3456698	-1.06E-01	54423202	54423325	NC_000001.10
cg22226680	1.57E-07	1.90E-08	-5.86	8.3450418	-9.96E-02	1841885	1842008	NC_000011.9
cg10658516	1.57E-07	1.90E-08	-5.86	8.344924	-2.72E-02	98612531	98612654	NC_000002.11
cg10508317	1.57E-07	1.90E-08	-5.86	8.3445231	-1.37E-01	76355146	76355269	NC_000017.10
cg11408656	1.57E-07	1.90E-08	-5.86	8.3432424	-3.70E-02	226497275	226497398	NC_000001.10
cg08729600	1.57E-07	1.90E-08	-5.86	8.3429151	-1.32E-01	9360986	9361109	NC_000012.11
cg17920186	1.57E-07	1.90E-08	-5.86	8.3427503	-9.25E-02	72323154	72323277	NC_000003.11
cg03513388	1.57E-07	1.91E-08	-5.86	8.3424766	-8.87E-02	17599362	17599485	NC_000001.10
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cg04848660	1.57E-07	1.91E-08	-5.86	8.3423293	-1.72E-01	41174125	41174248	NC_000007.13
cg24467337	1.57E-07	1.91E-08	-5.86	8.341552	-9.35E-02	31262314	31262437	NC_000020.10
cg03041510	1.57E-07	1.91E-08	-5.86	8.3413495	-1.33E-01	107636217	107636340	NC_000007.13
cg11862001	1.57E-07	1.91E-08	-5.86	8.3397903	-1.06E-01	6764048	6764171	NC_000010.10
cg17166812	1.57E-07	1.91E-08	-5.86	8.3396254	-5.65E-02	161169574	161169697	NC_000001.10
cg14782883	1.57E-07	1.91E-08	-5.86	8.3395713	-8.60E-02	49522683	49522806	NC_000019.9
cg16117781	1.58E-07	1.91E-08	-5.86	8.3386863	-1.47E-01	7991159	7991282	NC_000001.10
cg05157272	1.58E-07	1.92E-08	-5.86	8.3373154	-7.51E-02	246862256	246862379	NC_000001.10
cg17340729	1.58E-07	1.92E-08	-5.86	8.3371904	-1.24E-01	16850308	16850431	NC_000006.11
cg01932459	1.58E-07	1.92E-08	-5.86	8.3368043	-4.27E-02	109703513	109703636	NC_000006.11
cg23640231	1.58E-07	1.92E-08	-5.86	8.3360449	-1.20E-01	2844871	2844994	NC_000001.10

cg01435196	1.58E-07	1.92E-08	-5.86	8.3360399	-3.98E-02	46009946	46010069	NC_000019.9
cg05487207	1.58E-07	1.92E-08	-5.86	8.3356271	-7.32E-02	22224126	22224249	NC_000008.10
cg11300098	1.58E-07	1.92E-08	-5.86	8.3355528	-6.99E-02	38801506	38801629	NC_000019.9
cg14992108	1.58E-07	1.92E-08	-5.86	8.3352915	-1.41E-01	121825470	121825593	NC_000008.10
cg27055685	1.58E-07	1.92E-08	-5.86	8.3346605	-7.50E-02	33258248	33258371	NC_000006.11
cg10444530	1.58E-07	1.92E-08	-5.86	8.3343066	-4.00E-02	52811374	52811497	NC_000008.10
cg08431882	1.58E-07	1.92E-08	-5.86	8.3339884	-9.94E-02	103110998	103111121	NC_000010.10
cg26631477	1.58E-07	1.92E-08	-5.86	8.3330384	-8.06E-02	22517195	22517318	NC_000004.11
cg05167392	1.58E-07	1.92E-08	-5.86	8.3325832	-2.25E-02	103874593	103874716	NC_000010.10
cg15048832	1.59E-07	1.93E-08	-5.86	8.3316367	-3.88E-02	150130775	150130898	NC_000003.11
cg19238325	1.59E-07	1.93E-08	-5.86	8.33141	-1.34E-01	51988425	51988548	NC_000003.11
cg26111184	1.59E-07	1.93E-08	-5.86	8.3313512	-2.80E-02	27255694	27255817	NC_000002.11
cg09060316	1.59E-07	1.93E-08	-5.86	8.3310391	-3.14E-02	26467451	26467574	NC_000002.11
cg07134316	1.59E-07	1.93E-08	-5.86	8.3308606	-8.84E-02	57488112	57488235	NC_000012.11
cg01720033	1.59E-07	1.93E-08	-5.86	8.3307963	-1.05E-01	62777744	62777867	NC_000017.10
cg10132348	1.59E-07	1.93E-08	-5.86	8.3307249	-2.36E-02	6784379	6784502	NC_000004.11
cg00834319	1.59E-07	1.93E-08	-5.86	8.330331	-2.14E-02	64970752	64970875	NC_000014.8
cg23730617	1.59E-07	1.93E-08	-5.86	8.3302805	-9.12E-02	160823505	160823628	NC_000003.11
cg07260739	1.59E-07	1.93E-08	-5.86	8.3296292	-8.65E-02	70285978	70286101	NC_000016.9
cg12205669	1.59E-07	1.93E-08	-5.86	8.3288077	-1.12E-01	82086140	82086263	NC_000014.8
cg12212956	1.59E-07	1.93E-08	-5.86	8.3283459	-8.08E-02	151893845	151893968	NC_000003.11
cg00451054	1.59E-07	1.93E-08	-5.86	8.3281835	-1.31E-01	77913321	77913444	NC_000008.10
cg07560662	1.59E-07	1.93E-08	-5.86	8.3280058	-4.24E-02	117113232	117113355	NC_000001.10
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cg09761224	1.59E-07	1.93E-08	-5.86	8.3278825	-1.95E-01	10687042	10687165	NC_000002.11

cg08587313	1.59E-07	1.94E-08	-5.86	8.3269523	-1.42E-01	130215373	130215496	NC_000008.10
cg07408148	1.59E-07	1.94E-08	-5.86	8.3266291	-1.33E-01	15021403	15021526	NC_000005.9
cg25685983	1.59E-07	1.94E-08	-5.86	8.3266046	-7.26E-02	10677491	10677614	NC_000019.9
cg14054283	1.59E-07	1.94E-08	-5.86	8.3265248	-7.74E-02	75292272	75292395	NC_000002.11
cg13397314	1.59E-07	1.94E-08	-5.86	8.3264521	-1.85E-02	20256052	20256175	NC_000022.10
cg14087413	1.59E-07	1.94E-08	-5.86	8.3258571	-1.43E-01	35848330	35848453	NC_000009.11
cg07185038	1.60E-07	1.94E-08	-5.86	8.3247234	-2.47E-02	58165658	58165781	NC_000012.11
cg07855465	1.60E-07	1.94E-08	-5.86	8.3245475	-1.26E-01	79377665	79377788	NC_000017.10
cg20266910	1.60E-07	1.94E-08	-5.86	8.3237671	-8.93E-02	26577678	26577801	NC_000006.11
cg17134890	1.60E-07	1.94E-08	-5.86	8.3236425	-6.31E-02	122753390	122753513	NC_000011.9
cg04329382	1.60E-07	1.94E-08	-5.86	8.3233027	-1.30E-01	46480891	46481014	NC_000022.10
cg06633081	1.60E-07	1.94E-08	-5.86	8.3229506	-1.09E-01	55120781	55120904	NC_000014.8
cg19015537	1.60E-07	1.94E-08	-5.86	8.3224827	-1.05E-01	147341375	147341498	NC_000002.11
cg03679456	1.60E-07	1.94E-08	-5.86	8.3224645	-1.35E-01	169377946	169378069	NC_000003.11
cg04447890	1.60E-07	1.95E-08	-5.86	8.3212638	-3.73E-02	68697988	68698111	NC_000001.10
cg07105478	1.60E-07	1.95E-08	-5.86	8.3208475	-9.39E-02	77767485	77767608	NC_000017.10
cg00563678	1.60E-07	1.95E-08	-5.86	8.3199395	-1.15E-01	141968563	141968686	NC_000004.11
cg17484976	1.61E-07	1.95E-08	-5.86	8.3189807	-3.36E-02	60982411	60982534	NC_000020.10
cg07260541	1.61E-07	1.95E-08	-5.86	8.3188872	-1.09E-01	51117848	51117971	NC_000016.9
cg01846046	1.61E-07	1.95E-08	-5.86	8.3185573	-1.32E-01	64034019	64034142	NC_000011.9
cg17336139	1.61E-07	1.96E-08	-5.86	8.3162293	-9.98E-02	22901648	22901771	NC_000022.10
cg16116663	1.61E-07	1.96E-08	-5.86	8.3138954	-7.52E-02	71421775	71421898	NC_000002.11
cg02968301	1.61E-07	1.96E-08	-5.86	8.3138545	-9.34E-02	5108664	5108787	NC_000016.9
cg01083380	1.61E-07	1.96E-08	-5.86	8.3134527	-6.82E-02	168863860	168863983	NC_000003.11
cg09940311	1.61E-07	1.96E-08	-5.86	8.3129376	-1.06E-01	183901666	183901789	NC_000001.10



cg08196842	1.61E-07	1.96E-08	-5.86	8.3127879	-5.76E-02	65016517	65016640	NC_000014.8
cg26889437	1.62E-07	1.97E-08	-5.86	8.312256	-2.38E-01	460914	461037	NC_000011.9
cg06547034	1.62E-07	1.97E-08	-5.86	8.3120304	-1.14E-01	87403729	87403852	NC_000010.10
cg00945507	1.62E-07	1.97E-08	-5.86	8.3115286	-8.58E-02	54827677	54827800	NC_000007.13
cg21533897	1.62E-07	1.97E-08	-5.86	8.3097848	-1.16E-01	64377229	64377352	NC_000011.9
cg14053001	1.62E-07	1.97E-08	-5.86	8.3094034	-7.65E-02	24338244	24338367	NC_000002.11
ch.8.2465681F	1.62E-07	1.97E-08	-5.86	8.3091911	-3.62E-02	124800139	124800262	NC_000008.10
cg20863393	1.62E-07	1.97E-08	-5.86	8.3090163	-4.14E-02	100259188	100259311	NC_000013.10
cg09171931	1.62E-07	1.97E-08	-5.86	8.3088766	-1.34E-01	34876740	34876863	NC_000011.9
cg09808196	1.62E-07	1.97E-08	-5.86	8.308224	-3.99E-02	49354696	49354819	NC_000006.11
cg10270430	1.62E-07	1.97E-08	-5.86	8.3080762	-1.02E-01	34024362	34024485	NC_000006.11
cg07814974	1.62E-07	1.98E-08	-5.86	8.3069921	-4.03E-02	1544179	1544302	NC_000016.9
cg24935409	1.62E-07	1.98E-08	-5.86	8.3067714	-1.28E-01	157667762	157667885	NC_000007.13
cg03669282	1.62E-07	1.98E-08	-5.86	8.3064366	-7.14E-02	228566718	228566841	NC_000001.10
cg18670092	1.62E-07	1.98E-08	-5.86	8.3062314	-1.05E-02	42841167	42841290	NC_000015.9
cg02007288	1.63E-07	1.98E-08	-5.86	8.3060094	-1.35E-01	30513708	30513831	NC_000008.10
cg19009372	1.63E-07	1.98E-08	-5.86	8.3054111	-1.01E-01	225748136	225748259	NC_000002.11
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cg11962201	1.63E-07	1.98E-08	-5.86	8.3041147	-1.91E-02	33680799	33680922	NC_000020.10
cg22495191	1.63E-07	1.98E-08	-5.86	8.3036703	-4.83E-02	154834293	154834416	NC_000001.10
cg26907438	1.63E-07	1.98E-08	-5.86	8.3027622	-8.29E-02	233114000	233114123	NC_000001.10
cg27520502	1.63E-07	1.99E-08	-5.86	8.3018579	-3.90E-02	26684562	26684685	NC_000017.10
cg14665028	1.63E-07	1.99E-08	-5.86	8.300915	-3.03E-02	220024924	220025047	NC_000002.11
cg07249919	1.63E-07	1.99E-08	-5.86	8.3005679	-3.15E-02	53813391	53813514	NC_000005.9
cg20623868	1.63E-07	1.99E-08	-5.86	8.3001914	-4.18E-02	15666885	15667008	NC_000019.9

cg16241867	1.63E-07	1.99E-08	-5.85	8.2998725	-8.28E-02	14074162	14074285	NC_000019.9
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cg15012864	1.64E-07	1.99E-08	-5.85	8.2987825	-2.80E-02	226891415	226891538	NC_000001.10
cg16588302	1.64E-07	1.99E-08	-5.85	8.2985548	-2.51E-02	103668499	103668622	NC_000008.10
cg00153942	1.64E-07	1.99E-08	-5.85	8.2979105	-9.58E-02	71249212	71249335	NC_000011.9
cg16164356	1.64E-07	2.00E-08	-5.85	8.2975208	-6.76E-02	111683801	111683924	NC_000001.10
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cg14961031	1.64E-07	2.00E-08	-5.85	8.296965	-5.43E-02	4344921	4345044	NC_000003.11
cg02663821	1.64E-07	2.00E-08	-5.85	8.2955254	-5.59E-02	82463911	82464034	NC_000006.11
cg05651657	1.64E-07	2.00E-08	-5.85	8.2953681	-5.29E-02	32509331	32509454	NC_000003.11
cg05366923	1.64E-07	2.00E-08	-5.85	8.2948743	-9.70E-02	183155056	183155179	NC_000001.10
cg04431002	1.64E-07	2.00E-08	-5.85	8.2944317	-9.35E-02	84766438	84766561	NC_000016.9
cg26035105	1.64E-07	2.00E-08	-5.85	8.2934536	-1.46E-01	121105464	121105587	NC_000002.11
cg10639411	1.64E-07	2.00E-08	-5.85	8.2933513	-8.17E-02	73150125	73150248	NC_000003.11
cg18864399	1.64E-07	2.00E-08	-5.85	8.2932842	-5.42E-02	73345368	73345491	NC_000015.9
cg25574672	1.65E-07	2.00E-08	-5.85	8.2931325	-2.88E-02	133562092	133562215	NC_000005.9
cg17093267	1.65E-07	2.01E-08	-5.85	8.2909609	-1.09E-01	111683654	111683777	NC_000010.10
cg20276232	1.65E-07	2.01E-08	-5.85	8.2902916	-5.60E-02	28567004	28567127	NC_000015.9
cg04241305	1.65E-07	2.01E-08	-5.85	8.289501	-1.58E-02	137689053	137689176	NC_000005.9
cg19966212	1.65E-07	2.01E-08	-5.85	8.289442	-1.15E-01	149792783	149792906	NC_000005.9
cg17940234	1.65E-07	2.01E-08	-5.85	8.2887995	-7.14E-02	150070697	150070820	NC_000006.11
cg02101338	1.65E-07	2.01E-08	-5.85	8.2886358	-8.04E-02	124095512	124095635	NC_000011.9
cg05001044	1.65E-07	2.01E-08	-5.85	8.288496	-3.71E-02	567312	567435	NC_000001.10
cg09319706	1.65E-07	2.02E-08	-5.85	8.2877192	-3.95E-02	75024153	75024276	NC_000004.11
cg17508500	1.65E-07	2.02E-08	-5.85	8.2876308	-1.06E-01	72945331	72945454	NC_000006.11

cg02097152	1.66E-07	2.02E-08	-5.85	8.2865795	-1.06E-01	29291701	29291824	NC_000013.10
cg20433906	1.66E-07	2.02E-08	-5.85	8.2856148	-1.06E-01	62076318	62076441	NC_000017.10
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cg23036508	1.66E-07	2.02E-08	-5.85	8.283667	-2.94E-02	169483025	169483148	NC_000003.11
cg23341567	1.66E-07	2.02E-08	-5.85	8.2836462	-4.76E-02	38278395	38278518	NC_000017.10
cg16811988	1.66E-07	2.02E-08	-5.85	8.2831607	-1.07E-01	42103138	42103261	NC_000003.11
cg22606873	1.66E-07	2.03E-08	-5.85	8.2829428	-5.22E-02	3144679	3144802	NC_000001.10
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cg00055555	1.66E-07	2.03E-08	-5.85	8.2814651	-7.18E-02	29011001	29011124	NC_000010.10
ch.17.49953103R	1.66E-07	2.03E-08	-5.85	8.2809304	-1.81E-02	52598104	52598227	NC_000017.10
cg18189409	1.66E-07	2.03E-08	-5.85	8.2806083	-6.74E-02	21399795	21399918	NC_000022.10
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cg22273231	1.67E-07	2.03E-08	-5.85	8.2783487	-9.26E-02	17910351	17910474	NC_000017.10
cg03937290	1.67E-07	2.04E-08	-5.85	8.2781809	-1.15E-01	27852711	27852834	NC_000001.10
cg12800122	1.67E-07	2.04E-08	-5.85	8.2781281	-8.65E-02	3162454	3162577	NC_000001.10
cg06758539	1.67E-07	2.04E-08	-5.85	8.2778626	-8.18E-02	75975285	75975408	NC_000005.9
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cg21285383	1.67E-07	2.04E-08	-5.85	8.2775895	-4.95E-02	89894308	89894431	NC_000016.9
cg18170545	1.67E-07	2.04E-08	-5.85	8.2771169	-9.38E-02	131080137	131080260	NC_000008.10
cg05507459	1.67E-07	2.04E-08	-5.85	8.2767535	-8.47E-02	91148748	91148871	NC_000009.11
cg12283302	1.67E-07	2.04E-08	-5.85	8.2760928	-7.16E-02	62113045	62113168	NC_000020.10
cg06424894	1.67E-07	2.04E-08	-5.85	8.2759764	-1.16E-01	45314789	45314912	NC_000015.9
cg20620147	1.67E-07	2.04E-08	-5.85	8.2756625	-2.84E-02	43374879	43375002	NC_000020.10
cg05405389	1.67E-07	2.04E-08	-5.85	8.2753044	-1.24E-01	84386472	84386595	NC_000011.9

cg05953751	1.67E-07	2.04E-08	-5.85	8.2749423	-9.84E-02	80054291	80054414	NC_000017.10
cg24699021	1.67E-07	2.04E-08	-5.85	8.2748253	-1.26E-01	172305986	172306109	NC_000005.9
cg17643624	1.68E-07	2.04E-08	-5.85	8.2740722	-9.95E-02	111281037	111281160	NC_000013.10
cg15315056	1.68E-07	2.04E-08	-5.85	8.2739474	-1.45E-01	184504579	184504702	NC_000003.11
cg17906339	1.68E-07	2.04E-08	-5.85	8.2735139	-1.19E-01	204183529	204183652	NC_000001.10
cg16617141	1.68E-07	2.04E-08	-5.85	8.2734485	-7.84E-02	72408186	72408309	NC_000011.9
cg09648454	1.68E-07	2.05E-08	-5.85	8.2725052	-1.33E-01	48157560	48157683	NC_000016.9
cg23817981	1.68E-07	2.05E-08	-5.85	8.2717425	-1.66E-01	32993063	32993186	NC_000003.11
cg20478264	1.68E-07	2.05E-08	-5.85	8.2717305	-7.87E-02	27782176	27782299	NC_000006.11
cg25504749	1.68E-07	2.05E-08	-5.85	8.2711794	-8.71E-02	135159539	135159662	NC_000010.10
cg18347602	1.68E-07	2.05E-08	-5.85	8.2709882	-1.22E-01	26063314	26063437	NC_000001.10
cg27552857	1.68E-07	2.05E-08	-5.85	8.270663	-8.26E-02	4542866	4542989	NC_000019.9
cg20541505	1.68E-07	2.05E-08	-5.85	8.2703318	-1.03E-01	28395518	28395641	NC_000002.11
cg09174829	1.68E-07	2.05E-08	-5.85	8.2703178	-8.50E-02	42631405	42631528	NC_000001.10
cg07921759	1.68E-07	2.05E-08	-5.85	8.2702401	-9.82E-02	55203969	55204092	NC_000014.8
cg23704627	1.68E-07	2.05E-08	-5.85	8.2701927	-6.02E-02	39152758	39152881	NC_000022.10
cg14222307	1.68E-07	2.05E-08	-5.85	8.2699382	-1.05E-01	61097246	61097369	NC_000015.9
cg08916340	1.68E-07	2.05E-08	-5.85	8.2695291	-6.22E-02	112631462	112631585	NC_000010.10
cg11277834	1.68E-07	2.05E-08	-5.85	8.2692771	-5.81E-02	11323560	11323683	NC_000003.11
cg12946225	1.68E-07	2.05E-08	-5.85	8.2688427	-9.74E-02	3573751	3573874	NC_000019.9
cg11420192	1.68E-07	2.06E-08	-5.85	8.2686228	-8.34E-02	239495208	239495331	NC_000002.11
cg23792952	1.68E-07	2.06E-08	-5.85	8.2681759	-7.15E-02	25451326	25451449	NC_000015.9
cg27009812	1.69E-07	2.06E-08	-5.85	8.2670717	-9.14E-02	3062597	3062720	NC_000016.9
cg07086380	1.69E-07	2.06E-08	-5.85	8.2663218	-1.40E-01	118691033	118691156	NC_000005.9
cg08519233	1.69E-07	2.06E-08	-5.85	8.264956	-4.17E-02	105085521	105085644	NC_000003.11

cg16689962	1.69E-07	2.07E-08	-5.85	8.2639043	-2.39E-02	32144119	32144242	NC_000006.11
cg16489547	1.69E-07	2.07E-08	-5.85	8.2638869	-3.16E-02	30597449	30597572	NC_000016.9
cg26724248	1.69E-07	2.07E-08	-5.85	8.2637496	-4.86E-02	46645903	46646026	NC_000022.10
cg20604317	1.69E-07	2.07E-08	-5.85	8.2629209	-2.99E-02	4129314	4129437	NC_000020.10
cg06589239	1.70E-07	2.07E-08	-5.85	8.2606374	-1.23E-01	961457	961580	NC_000007.13
cg15036284	1.70E-07	2.07E-08	-5.85	8.2600476	-5.29E-02	42972593	42972716	NC_000007.13
cg15891850	1.70E-07	2.07E-08	-5.85	8.259526	-7.55E-02	74526920	74527043	NC_000013.10
cg21582695	1.70E-07	2.07E-08	-5.85	8.2593905	-6.41E-02	149299381	149299504	NC_000001.10
cg22086566	1.70E-07	2.07E-08	-5.85	8.2593519	-9.33E-02	3989097	3989220	NC_000007.13
cg03872745	1.70E-07	2.08E-08	-5.85	8.2585921	-5.66E-02	109125505	109125628	NC_000012.11
cg08242070	1.70E-07	2.08E-08	-5.85	8.257356	-9.03E-02	29247612	29247735	NC_000017.10
cg05683999	1.70E-07	2.08E-08	-5.85	8.2571696	-7.51E-02	88779135	88779258	NC_000010.10
cg14074476	1.70E-07	2.08E-08	-5.85	8.2571463	-8.34E-02	96865777	96865900	NC_000015.9
cg00697916	1.70E-07	2.08E-08	-5.85	8.2570013	-1.34E-01	65342644	65342767	NC_000003.11
cg04400047	1.71E-07	2.08E-08	-5.85	8.255084	-4.94E-02	11332843	11332966	NC_000001.10
cg27042091	1.71E-07	2.08E-08	-5.85	8.2546575	-7.88E-02	66461337	66461460	NC_000007.13
cg16758970	1.71E-07	2.09E-08	-5.85	8.2538689	-3.55E-02	28527699	28527822	NC_000013.10
cg00155167	1.71E-07	2.09E-08	-5.85	8.2534976	-3.59E-02	100025831	100025954	NC_000008.10
cg19812283	1.71E-07	2.09E-08	-5.85	8.2524078	-9.11E-02	173021074	173021197	NC_000005.9
cg02779429	1.71E-07	2.09E-08	-5.85	8.2518046	-1.38E-02	88753010	88753133	NC_000016.9
cg20345446	1.71E-07	2.09E-08	-5.84	8.2501851	-7.37E-02	3186804	3186927	NC_000011.9
cg00048178	1.71E-07	2.09E-08	-5.84	8.2498581	-3.68E-02	13488257	13488380	NC_000006.11
cg10811961	1.72E-07	2.10E-08	-5.84	8.2496367	-7.00E-02	54090346	54090469	NC_000012.11
cg22902289	1.72E-07	2.10E-08	-5.84	8.2487391	-7.96E-02	2557466	2557589	NC_000007.13
cg04458776	1.72E-07	2.10E-08	-5.84	8.2485241	-1.26E-01	62753944	62754067	NC_000011.9

cg26450106	1.72E-07	2.10E-08	-5.84	8.2481102	-1.60E-01	24929607	24929730	NC_000020.10
cg04163595	1.72E-07	2.10E-08	-5.84	8.2478882	-6.24E-02	53511232	53511355	NC_000014.8
cg21784036	1.72E-07	2.10E-08	-5.84	8.2477753	-6.88E-02	39299726	39299849	NC_000012.11
cg06667222	1.72E-07	2.10E-08	-5.84	8.2472698	-1.55E-02	31648994	31649117	NC_000006.11
cg23519671	1.72E-07	2.10E-08	-5.84	8.2471157	-1.20E-01	39011484	39011607	NC_000019.9
cg06632098	1.72E-07	2.10E-08	-5.84	8.2469272	-1.01E-01	43605906	43606029	NC_000010.10
cg10703331	1.72E-07	2.10E-08	-5.84	8.2464677	-2.52E-02	138144619	138144742	NC_000007.13
cg22603982	1.72E-07	2.10E-08	-5.84	8.2455507	-4.48E-02	49092366	49092489	NC_000019.9
cg24072451	1.72E-07	2.10E-08	-5.84	8.2454723	-1.17E-01	133888263	133888386	NC_000002.11
cg15183991	1.72E-07	2.10E-08	-5.84	8.2452594	-7.11E-02	145047566	145047689	NC_000008.10
cg11256956	1.72E-07	2.11E-08	-5.84	8.2448087	-1.29E-01	3446067	3446190	NC_000012.11
cg05944840	1.72E-07	2.11E-08	-5.84	8.2444924	-7.31E-02	89401621	89401744	NC_000016.9
cg02436414	1.72E-07	2.11E-08	-5.84	8.2440139	-1.21E-01	89379491	89379614	NC_000010.10
cg01637011	1.72E-07	2.11E-08	-5.84	8.2438351	-2.76E-02	200992964	200993087	NC_000001.10
cg24357619	1.73E-07	2.11E-08	-5.84	8.2417475	-1.61E-01	37389384	37389507	NC_000015.9
ch.9.2042397F	1.73E-07	2.11E-08	-5.84	8.2415597	-1.59E-02	128074940	128075063	NC_000009.11
cg17830754	1.73E-07	2.11E-08	-5.84	8.240893	-5.32E-02	5679875	5679998	NC_000019.9
cg24830241	1.73E-07	2.12E-08	-5.84	8.2393168	-8.51E-02	101257675	101257798	NC_000007.13
cg08017248	1.73E-07	2.12E-08	-5.84	8.2380739	-4.00E-02	49447575	49447698	NC_000015.9
cg02360002	1.74E-07	2.12E-08	-5.84	8.2374195	-1.05E-01	170585777	170585900	NC_000006.11
cg20944379	1.74E-07	2.12E-08	-5.84	8.2371065	-1.11E-01	207069392	207069515	NC_000001.10
cg08017409	1.74E-07	2.12E-08	-5.84	8.2369638	-9.04E-02	86185121	86185244	NC_000016.9
cg03571445	1.74E-07	2.12E-08	-5.84	8.236722	-6.93E-02	87946173	87946296	NC_000016.9
cg06350345	1.74E-07	2.12E-08	-5.84	8.2363344	-5.06E-02	27239739	27239862	NC_000002.11
cg11708118	1.74E-07	2.13E-08	-5.84	8.2352028	-4.01E-02	6862968	6863091	NC_000012.11

cg13880458	1.74E-07	2.13E-08	-5.84	8.2349948	-7.37E-02	1474456	1474579	NC_000011.9
cg17338212	1.74E-07	2.13E-08	-5.84	8.234991	-1.33E-01	138662940	138663063	NC_000003.11
cg25466154	1.74E-07	2.13E-08	-5.84	8.2336804	-1.03E-01	44708908	44709031	NC_000022.10
cg01206944	1.74E-07	2.13E-08	-5.84	8.2330708	-1.09E-01	26076321	26076444	NC_000015.9
cg20459022	1.75E-07	2.14E-08	-5.84	8.2305364	-1.16E-01	46651087	46651210	NC_000019.9
cg04053776	1.75E-07	2.14E-08	-5.84	8.2301405	-9.72E-02	6947353	6947476	NC_000011.9
cg11437231	1.75E-07	2.14E-08	-5.84	8.2296579	-2.24E-02	47291487	47291610	NC_000011.9
cg05543864	1.75E-07	2.14E-08	-5.84	8.2292138	-8.87E-02	24979755	24979878	NC_000022.10
cg21937128	1.75E-07	2.14E-08	-5.84	8.2291905	-1.31E-01	150971889	150972012	NC_000001.10
cg00770372	1.75E-07	2.14E-08	-5.84	8.2289716	-9.20E-02	37237473	37237596	NC_000008.10
cg04975846	1.75E-07	2.14E-08	-5.84	8.2284569	-3.38E-02	88923880	88924003	NC_000016.9
cg20724690	1.75E-07	2.14E-08	-5.84	8.2283003	-4.66E-02	231584368	231584491	NC_000002.11
cg27132732	1.75E-07	2.14E-08	-5.84	8.2276439	-1.22E-01	32202752	32202875	NC_000015.9
cg16087826	1.75E-07	2.14E-08	-5.84	8.2275792	-1.18E-01	131654574	131654697	NC_000005.9
cg27297043	1.75E-07	2.14E-08	-5.84	8.2274339	-5.26E-02	154035092	154035215	NC_000003.11
cg13965144	1.75E-07	2.14E-08	-5.84	8.227349	-1.86E-02	16222683	16222806	NC_000019.9
cg14349144	1.75E-07	2.14E-08	-5.84	8.2272197	-1.08E-01	7755220	7755343	NC_000004.11
cg26712428	1.75E-07	2.14E-08	-5.84	8.2270416	-8.91E-02	105218771	105218894	NC_000010.10
cg16004738	1.75E-07	2.15E-08	-5.84	8.2267475	-7.52E-02	105155327	105155450	NC_000014.8
cg27063540	1.76E-07	2.15E-08	-5.84	8.2252739	-5.94E-02	5116142	5116265	NC_000016.9
cg04321303	1.76E-07	2.15E-08	-5.84	8.2247762	-1.35E-01	44107504	44107627	NC_000007.13
cg18343292	1.76E-07	2.15E-08	-5.84	8.2247724	-1.53E-01	60146078	60146201	NC_000011.9
cg01639775	1.76E-07	2.15E-08	-5.84	8.2243473	-2.17E-02	134331301	134331424	NC_000007.13
cg12615982	1.76E-07	2.15E-08	-5.84	8.2241284	-1.14E-01	169483122	169483245	NC_000003.11
cg21230450	1.76E-07	2.15E-08	-5.84	8.2236811	-5.02E-02	22320326	22320449	NC_000014.8

cg08513681	1.76E-07	2.15E-08	-5.84	8.223447	-3.74E-02	59665080	59665203	NC_000015.9
cg17866373	1.76E-07	2.15E-08	-5.84	8.223103	-9.58E-02	228651353	228651476	NC_000001.10
cg11611244	1.76E-07	2.15E-08	-5.84	8.2229216	-9.27E-02	1507263	1507386	NC_000011.9
cg01070272	1.76E-07	2.16E-08	-5.84	8.2221223	-1.09E-01	3672087	3672210	NC_000019.9
cg02159996	1.76E-07	2.16E-08	-5.84	8.2214517	-1.02E-01	89927233	89927356	NC_000006.11
cg10200608	1.76E-07	2.16E-08	-5.84	8.2214104	-5.22E-02	141302906	141303029	NC_000005.9
cg07465899	1.76E-07	2.16E-08	-5.84	8.2213837	-8.25E-02	696400	696523	NC_000004.11
cg04215179	1.76E-07	2.16E-08	-5.84	8.2208845	-6.22E-02	23719682	23719805	NC_000007.13
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cg09455881	1.77E-07	2.16E-08	-5.84	8.2190663	-1.26E-01	47388736	47388859	NC_000003.11
cg22748698	1.77E-07	2.16E-08	-5.84	8.2187995	-3.73E-02	7146447	7146570	NC_000017.10
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cg27104117	1.77E-07	2.16E-08	-5.84	8.2178194	-3.85E-02	27276789	27276912	NC_000017.10
cg26738040	1.77E-07	2.17E-08	-5.84	8.2165472	-3.28E-02	62433033	62433156	NC_000011.9
cg14950134	1.77E-07	2.17E-08	-5.84	8.2163462	-1.03E-01	3261155	3261278	NC_000002.11
cg20069688	1.77E-07	2.17E-08	-5.84	8.2155813	-6.90E-02	31941049	31941172	NC_000006.11
cg08603083	1.77E-07	2.17E-08	-5.84	8.2150755	-5.41E-02	73867927	73868050	NC_000007.13
cg11550865	1.77E-07	2.17E-08	-5.84	8.2149114	-4.65E-02	59501408	59501531	NC_000015.9
cg01329151	1.77E-07	2.17E-08	-5.84	8.2137308	-1.04E-01	61559756	61559879	NC_000020.10
cg09871057	1.77E-07	2.17E-08	-5.84	8.2136699	-1.46E-01	73118748	73118871	NC_000007.13
cg17000714	1.78E-07	2.18E-08	-5.84	8.2133205	-2.00E-02	77185354	77185477	NC_000011.9
cg10516683	1.78E-07	2.18E-08	-5.84	8.2130293	-4.32E-02	50102006	50102129	NC_000014.8
cg15914863	1.78E-07	2.18E-08	-5.84	8.2128171	-1.31E-01	1022675	1022798	NC_000007.13
cg03553358	1.78E-07	2.18E-08	-5.84	8.2126016	-5.94E-02	11350115	11350238	NC_000016.9
cg07355157	1.78E-07	2.18E-08	-5.84	8.2120032	-1.34E-01	23385780	23385903	NC_000010.10



cg18788940	1.78E-07	2.18E-08	-5.84	8.2118274	-1.10E-01	20385085	20385208	NC_000011.9
cg24929538	1.78E-07	2.18E-08	-5.84	8.2117627	-1.08E-01	73164119	73164242	NC_000003.11
cg09993699	1.78E-07	2.18E-08	-5.84	8.2115417	-1.57E-01	17517008	17517131	NC_000019.9
cg14092997	1.78E-07	2.18E-08	-5.84	8.2108962	-1.41E-01	6425737	6425860	NC_000019.9
cg09803002	1.78E-07	2.18E-08	-5.84	8.2108324	-8.26E-02	119039103	119039226	NC_000011.9
cg14971320	1.78E-07	2.18E-08	-5.84	8.210577	-9.25E-02	43699070	43699193	NC_000010.10
cg15103195	1.78E-07	2.18E-08	-5.84	8.2104762	-4.11E-02	100797603	100797726	NC_000007.13
cg14353649	1.78E-07	2.18E-08	-5.84	8.2096932	-6.64E-02	135191496	135191619	NC_000010.10
cg18362496	1.78E-07	2.19E-08	-5.84	8.2088345	-7.46E-02	2019930	2020053	NC_000011.9
cg04194001	1.78E-07	2.19E-08	-5.84	8.2079972	-3.08E-02	43823104	43823227	NC_000002.11
cg18825076	1.78E-07	2.19E-08	-5.84	8.2079816	-9.67E-02	78729989	78730112	NC_000015.9
cg04799664	1.78E-07	2.19E-08	-5.84	8.2079383	-5.18E-02	57053850	57053973	NC_000016.9
cg07380200	1.78E-07	2.19E-08	-5.84	8.2077553	-1.25E-01	48874903	48875026	NC_000015.9
cg05573809	1.79E-07	2.19E-08	-5.84	8.2068157	-1.15E-01	14036481	14036604	NC_000005.9
cg26723847	1.79E-07	2.19E-08	-5.84	8.2061099	-5.98E-02	134095652	134095775	NC_000011.9
cg05583087	1.79E-07	2.19E-08	-5.84	8.2059426	-8.01E-02	12894947	12895070	NC_000003.11
cg24430578	1.79E-07	2.19E-08	-5.84	8.2053687	-7.95E-02	231761688	231761811	NC_000001.10
cg09106556	1.79E-07	2.19E-08	-5.84	8.20457	-2.64E-02	35168274	35168397	NC_000019.9
cg11497870	1.79E-07	2.20E-08	-5.84	8.203905	-3.21E-02	176037262	176037385	NC_000005.9
cg23029506	1.79E-07	2.20E-08	-5.84	8.2035489	-4.05E-02	74834163	74834286	NC_000015.9
cg23042540	1.79E-07	2.20E-08	-5.84	8.2032116	-8.36E-02	1653566	1653689	NC_000008.10
cg03947632	1.79E-07	2.20E-08	-5.84	8.2028823	-4.71E-02	28404089	28404212	NC_000013.10
cg05521538	1.79E-07	2.20E-08	-5.84	8.2025888	-9.70E-02	1258994	1259117	NC_000005.9
cg14947846	1.79E-07	2.20E-08	-5.84	8.2023948	-1.35E-01	129227604	129227727	NC_000002.11
ch.6.20150281F	1.79E-07	2.20E-08	-5.84	8.2017954	-3.52E-02	20042302	20042425	NC_000006.11

cg07062658	1.80E-07	2.20E-08	-5.84	8.2011119	-7.48E-02	62290499	62290622	NC_000020.10
cg17609731	1.80E-07	2.21E-08	-5.83	8.1995847	-6.27E-02	77325533	77325656	NC_000007.13
cg02835423	1.80E-07	2.21E-08	-5.83	8.198905	-5.87E-02	7099230	7099353	NC_000019.9
cg06706068	1.80E-07	2.21E-08	-5.83	8.1987548	-9.82E-02	835857	835980	NC_000016.9
cg03290610	1.80E-07	2.21E-08	-5.83	8.1982262	-7.06E-02	67035041	67035164	NC_000016.9
cg06099048	1.80E-07	2.21E-08	-5.83	8.1969343	-1.51E-02	32164151	32164274	NC_000006.11
cg22495848	1.80E-07	2.21E-08	-5.83	8.1968173	-6.35E-02	2425173	2425296	NC_000001.10
cg16299576	1.80E-07	2.21E-08	-5.83	8.1966464	-9.71E-02	10872819	10872942	NC_000008.10
cg10000825	1.80E-07	2.21E-08	-5.83	8.1959964	-1.33E-02	131012516	131012639	NC_000007.13
cg02807964	1.81E-07	2.22E-08	-5.83	8.1953047	-2.42E-02	10814144	10814267	NC_000011.9
cg11093872	1.81E-07	2.22E-08	-5.83	8.1942653	-1.07E-01	70829968	70830091	NC_000011.9
cg06782493	1.81E-07	2.22E-08	-5.83	8.1942152	-2.65E-02	1876874	1876997	NC_000016.9
cg21646471	1.81E-07	2.22E-08	-5.83	8.1941332	-1.34E-01	242523971	242524094	NC_000002.11
cg21619224	1.81E-07	2.22E-08	-5.83	8.1937604	-7.20E-02	159205696	159205819	NC_000006.11
cg02620533	1.81E-07	2.22E-08	-5.83	8.1933806	-1.04E-01	57719013	57719136	NC_000001.10
cg04393227	1.81E-07	2.22E-08	-5.83	8.1928698	-4.52E-02	193760780	193760903	NC_000003.11
cg22611120	1.81E-07	2.22E-08	-5.83	8.1927646	-1.29E-01	20307906	20308029	NC_000001.10
cg03368399	1.81E-07	2.22E-08	-5.83	8.1922526	-3.26E-02	22102556	22102679	NC_000008.10
cg05721365	1.81E-07	2.22E-08	-5.83	8.1911969	-8.77E-02	62777693	62777816	NC_000017.10
cg15832314	1.81E-07	2.23E-08	-5.83	8.1902529	-2.57E-02	40401289	40401412	NC_000015.9
cg20511832	1.82E-07	2.23E-08	-5.83	8.1872838	-8.33E-02	78934280	78934403	NC_000015.9
cg09321403	1.82E-07	2.24E-08	-5.83	8.1866211	-1.19E-01	13555624	13555747	NC_000006.11
cg07658646	1.82E-07	2.24E-08	-5.83	8.1865756	-1.37E-01	11002197	11002320	NC_000012.11
cg15100135	1.82E-07	2.24E-08	-5.83	8.1865461	-1.05E-01	4891775	4891898	NC_000017.10
cg05609160	1.82E-07	2.24E-08	-5.83	8.1863562	-7.97E-02	91208370	91208493	NC_000015.9

cg15014679	1.82E-07	2.24E-08	-5.83	8.1862947	-8.49E-02	27695210	27695333	NC_000011.9
cg00004608	1.82E-07	2.24E-08	-5.83	8.1861616	-9.78E-02	134272463	134272586	NC_000006.11
cg18520925	1.82E-07	2.24E-08	-5.83	8.1848653	-1.25E-01	36305155	36305278	NC_000006.11
cg15364537	1.83E-07	2.24E-08	-5.83	8.1839869	-2.67E-02	205538310	205538433	NC_000001.10
cg16353254	1.83E-07	2.24E-08	-5.83	8.1838695	-3.41E-02	48532923	48533046	NC_000016.9
cg08781365	1.83E-07	2.24E-08	-5.83	8.1825633	-1.22E-01	85320072	85320195	NC_000016.9
cg00221794	1.83E-07	2.25E-08	-5.83	8.1822848	-1.62E-01	20776620	20776743	NC_000002.11
cg13461622	1.83E-07	2.25E-08	-5.83	8.1821133	-1.19E-01	25291385	25291508	NC_000001.10
cg24914185	1.83E-07	2.25E-08	-5.83	8.1814169	-1.31E-01	200663789	200663912	NC_000002.11
cg09630706	1.83E-07	2.25E-08	-5.83	8.1799354	-1.02E-01	229695	229818	NC_000007.13
cg07805967	1.83E-07	2.25E-08	-5.83	8.1793066	-6.05E-02	53459337	53459460	NC_000010.10
cg01549570	1.83E-07	2.25E-08	-5.83	8.1786754	-1.16E-01	104622128	104622251	NC_000014.8
cg10598551	1.84E-07	2.26E-08	-5.83	8.1780878	-1.13E-01	133680429	133680552	NC_000011.9
cg12439423	1.84E-07	2.26E-08	-5.83	8.1780567	-1.28E-01	41522721	41522844	NC_000008.10
cg01407861	1.84E-07	2.26E-08	-5.83	8.1779821	-6.44E-02	12307496	12307619	NC_000011.9
cg14637470	1.84E-07	2.26E-08	-5.83	8.176929	-9.86E-02	131798317	131798440	NC_000009.11
cg25481157	1.84E-07	2.26E-08	-5.83	8.175641	-1.33E-01	66947564	66947687	NC_000015.9
cg01266707	1.84E-07	2.26E-08	-5.83	8.1755099	-6.12E-02	37824461	37824584	NC_000017.10
cg27247723	1.84E-07	2.26E-08	-5.83	8.1750801	-5.84E-02	57302454	57302577	NC_000004.11
ch.1.1021960F	1.84E-07	2.26E-08	-5.83	8.1744417	-5.12E-02	31518261	31518384	NC_000001.10
cg01932076	1.84E-07	2.26E-08	-5.83	8.1742102	-1.01E-01	47394659	47394782	NC_000021.8
cg11310125	1.84E-07	2.27E-08	-5.83	8.1737807	-3.16E-02	113239311	113239434	NC_000002.11
cg08708209	1.84E-07	2.27E-08	-5.83	8.1731752	-3.02E-02	221915487	221915610	NC_000001.10
cg21037265	1.84E-07	2.27E-08	-5.83	8.1730214	-9.88E-02	6481819	6481942	NC_000019.9
cg22233890	1.85E-07	2.27E-08	-5.83	8.1722984	-1.25E-01	36477229	36477352	NC_000011.9

cg23830037	1.85E-07	2.27E-08	-5.83	8.171322	-2.47E-02	17991318	17991441	NC_000017.10
cg20958753	1.85E-07	2.27E-08	-5.83	8.1706864	-6.18E-02	38810162	38810285	NC_000019.9
cg06861572	1.85E-07	2.27E-08	-5.83	8.1704243	-5.38E-02	241760829	241760952	NC_000002.11
cg09237302	1.85E-07	2.27E-08	-5.83	8.1703461	-9.15E-02	906077	906200	NC_000004.11
cg22511633	1.85E-07	2.27E-08	-5.83	8.169693	-4.40E-02	72993507	72993630	NC_000007.13
cg03516318	1.85E-07	2.28E-08	-5.83	8.1693288	-8.12E-02	36790242	36790365	NC_000014.8
cg02010185	1.85E-07	2.28E-08	-5.83	8.1686623	-4.52E-02	76452815	76452938	NC_000014.8
cg05593510	1.85E-07	2.28E-08	-5.83	8.1673295	-1.18E-01	176249224	176249347	NC_000005.9
cg22117825	1.86E-07	2.28E-08	-5.83	8.1667987	-1.10E-01	174439478	174439601	NC_000004.11
cg01485548	1.86E-07	2.29E-08	-5.83	8.1648163	-1.16E-01	18284321	18284444	NC_000019.9
cg06452642	1.86E-07	2.29E-08	-5.83	8.1647349	-4.29E-02	13875641	13875764	NC_000019.9
cg27646469	1.86E-07	2.29E-08	-5.83	8.164665	-3.27E-02	54567063	54567186	NC_000012.11
cg04157658	1.86E-07	2.29E-08	-5.83	8.164499	-1.14E-01	110243994	110244117	NC_000011.9
cg15548859	1.86E-07	2.29E-08	-5.83	8.1636165	-7.58E-02	2381299	2381422	NC_000001.10
cg12062545	1.86E-07	2.29E-08	-5.83	8.1627716	-2.99E-02	104532339	104532462	NC_000012.11
cg14540461	1.86E-07	2.29E-08	-5.83	8.1623863	-7.28E-02	15990183	15990306	NC_000012.11
cg20748397	1.86E-07	2.29E-08	-5.83	8.1623152	-8.99E-02	18062972	18063095	NC_000017.10
cg05753328	1.86E-07	2.29E-08	-5.83	8.1621519	-8.65E-02	124171421	124171544	NC_000008.10
cg06889755	1.86E-07	2.29E-08	-5.83	8.161972	-2.26E-02	150326021	150326144	NC_000006.11
cg26162295	1.86E-07	2.29E-08	-5.83	8.1619094	-9.35E-02	38119207	38119330	NC_000017.10
cg02235497	1.87E-07	2.29E-08	-5.83	8.1610368	-1.55E-01	127941989	127942112	NC_000010.10
cg24322131	1.87E-07	2.30E-08	-5.83	8.1605496	-8.64E-02	45971503	45971626	NC_000021.8
cg02832357	1.87E-07	2.30E-08	-5.83	8.1603603	-6.61E-02	40429406	40429529	NC_000017.10
cg00328376	1.87E-07	2.30E-08	-5.83	8.1597949	-1.32E-01	26902685	26902808	NC_000007.13
cg04213338	1.87E-07	2.30E-08	-5.83	8.1584412	-3.21E-02	6144367	6144490	NC_000007.13

cg04078115	1.87E-07	2.30E-08	-5.83	8.1584405	-8.86E-02	33278114	33278237	NC_000022.10
cg18548879	1.87E-07	2.30E-08	-5.83	8.1581469	-9.87E-02	41914454	41914577	NC_000015.9
cg09126636	1.87E-07	2.30E-08	-5.83	8.1579814	-1.17E-01	113265753	113265876	NC_000001.10
cg09528111	1.87E-07	2.30E-08	-5.83	8.1579616	-2.52E-02	31495531	31495654	NC_000014.8
cg04220482	1.87E-07	2.30E-08	-5.83	8.1572202	-9.70E-02	63952370	63952493	NC_000008.10
cg22931642	1.87E-07	2.30E-08	-5.83	8.1571847	-7.65E-02	23135043	23135166	NC_000001.10
cg20391365	1.87E-07	2.31E-08	-5.83	8.1564518	-5.44E-02	8059223	8059346	NC_000017.10
cg25995133	1.87E-07	2.31E-08	-5.83	8.1564021	-6.11E-02	407183	407306	NC_000011.9
cg18304501	1.87E-07	2.31E-08	-5.83	8.1563991	-3.50E-02	29604436	29604559	NC_000007.13
cg14170787	1.87E-07	2.31E-08	-5.83	8.1561115	-1.26E-01	112889386	112889509	NC_000009.11
cg07188863	1.88E-07	2.31E-08	-5.83	8.1545811	-1.08E-01	110055425	110055548	NC_000011.9
cg09258553	1.88E-07	2.31E-08	-5.83	8.1544978	-1.21E-01	241564827	241564950	NC_000002.11
cg05099952	1.88E-07	2.31E-08	-5.83	8.1537356	-9.98E-02	30367546	30367669	NC_000016.9
cg03184776	1.88E-07	2.31E-08	-5.83	8.1531394	-1.14E-01	41522069	41522192	NC_000017.10
cg18775149	1.88E-07	2.31E-08	-5.83	8.1529345	-1.21E-01	52288062	52288185	NC_000005.9
cg17361641	1.88E-07	2.31E-08	-5.83	8.1527746	-1.74E-02	18391832	18391955	NC_000019.9
cg03702990	1.88E-07	2.31E-08	-5.83	8.1526818	-7.16E-02	137828196	137828319	NC_000005.9
cg05097696	1.88E-07	2.32E-08	-5.83	8.1523198	-3.40E-02	71499117	71499240	NC_000011.9
cg08643824	1.88E-07	2.32E-08	-5.83	8.1516288	-9.78E-02	58294523	58294646	NC_000011.9
cg11788010	1.88E-07	2.32E-08	-5.82	8.1504965	-6.45E-02	40255321	40255444	NC_000001.10
cg13457890	1.88E-07	2.32E-08	-5.82	8.1502117	-2.77E-02	804976	805099	NC_000011.9
cg12419863	1.89E-07	2.32E-08	-5.82	8.1491588	-8.21E-02	144263450	144263573	NC_000006.11
cg05823493	1.89E-07	2.32E-08	-5.82	8.1484388	-3.06E-02	49518103	49518226	NC_000006.11
cg22404242	1.89E-07	2.32E-08	-5.82	8.148427	-2.60E-02	86668131	86668254	NC_000002.11
cg23827488	1.89E-07	2.33E-08	-5.82	8.1469316	-1.46E-01	24908452	24908575	NC_000006.11

cg16363586	1.89E-07	2.33E-08	-5.82	8.1461599	-1.91E-01	17516329	17516452	NC_000019.9
cg16089416	1.89E-07	2.33E-08	-5.82	8.1460172	-2.46E-02	126114228	126114351	NC_000005.9
ch.12.973812R	1.89E-07	2.33E-08	-5.82	8.1459281	-7.22E-02	49046495	49046618	NC_000012.11
cg17470227	1.89E-07	2.33E-08	-5.82	8.1457264	-3.15E-02	111579551	111579674	NC_000003.11
cg19099281	1.89E-07	2.33E-08	-5.82	8.1456045	-5.73E-02	83621006	83621129	NC_000015.9
cg01753263	1.89E-07	2.33E-08	-5.82	8.1446025	-9.05E-02	171879957	171880080	NC_000005.9
cg05660005	1.89E-07	2.33E-08	-5.82	8.1445743	-7.47E-02	145507663	145507786	NC_000001.10
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cg14010513	1.90E-07	2.34E-08	-5.82	8.1440077	-1.20E-01	64146871	64146994	NC_000011.9
cg25875537	1.90E-07	2.34E-08	-5.82	8.1434936	-6.89E-02	21909033	21909156	NC_000008.10
cg13998945	1.90E-07	2.34E-08	-5.82	8.1434098	-1.28E-01	45035665	45035788	NC_000007.13
cg18844900	1.90E-07	2.34E-08	-5.82	8.1425541	-1.25E-01	165184866	165184989	NC_000005.9
cg06298729	1.90E-07	2.34E-08	-5.82	8.142483	-7.67E-02	48118041	48118164	NC_000011.9
cg11302533	1.90E-07	2.34E-08	-5.82	8.1423148	-1.19E-02	197183662	197183785	NC_000003.11
cg12613240	1.90E-07	2.34E-08	-5.82	8.1422619	-1.09E-01	6493555	6493678	NC_000007.13
cg00344411	1.90E-07	2.34E-08	-5.82	8.1419739	-7.86E-02	64547108	64547231	NC_000003.11
cg15416440	1.90E-07	2.34E-08	-5.82	8.1406686	-8.41E-02	110899996	110900119	NC_000013.10
cg10980921	1.90E-07	2.34E-08	-5.82	8.1406394	-7.64E-02	103705294	103705417	NC_000008.10
cg03066081	1.90E-07	2.34E-08	-5.82	8.140243	-4.04E-02	77784036	77784159	NC_000017.10
cg19401867	1.90E-07	2.34E-08	-5.82	8.1401401	-2.38E-02	35071839	35071962	NC_000009.11
cg09685250	1.90E-07	2.35E-08	-5.82	8.1395327	-9.45E-02	114305121	114305244	NC_000013.10
cg18431813	1.90E-07	2.35E-08	-5.82	8.1392599	-2.94E-02	77786981	77787104	NC_000014.8
cg14413177	1.90E-07	2.35E-08	-5.82	8.1391969	-9.28E-02	205760781	205760904	NC_000001.10
cg13615963	1.90E-07	2.35E-08	-5.82	8.1389692	-1.19E-01	167536521	167536644	NC_000006.11
cg00160583	1.90E-07	2.35E-08	-5.82	8.1386709	-8.15E-02	32167512	32167635	NC_000001.10

cg26114100	1.90E-07	2.35E-08	-5.82	8.1385384	-6.43E-02	101418483	101418606	NC_000010.10
cg04151012	1.91E-07	2.35E-08	-5.82	8.1380944	-7.57E-02	27806529	27806652	NC_000002.11
cg27227598	1.91E-07	2.35E-08	-5.82	8.1377994	-7.85E-02	10374415	10374538	NC_000003.11
cg03918614	1.91E-07	2.35E-08	-5.82	8.1368783	-5.37E-02	87096418	87096541	NC_000016.9
cg26140749	1.91E-07	2.35E-08	-5.82	8.1365794	-7.29E-02	143821266	143821389	NC_000008.10
cg27519411	1.91E-07	2.35E-08	-5.82	8.1359964	-2.42E-02	67390349	67390472	NC_000001.10
cg05573699	1.91E-07	2.35E-08	-5.82	8.1358867	-2.40E-02	52720067	52720190	NC_000003.11
cg21086878	1.91E-07	2.36E-08	-5.82	8.1357559	-2.91E-02	90862960	90863083	NC_000014.8
cg19383974	1.91E-07	2.36E-08	-5.82	8.1357393	-1.05E-01	33463643	33463766	NC_000001.10
cg06540636	1.91E-07	2.36E-08	-5.82	8.1348895	-2.43E-02	44174071	44174194	NC_000019.9
cg08715725	1.91E-07	2.36E-08	-5.82	8.133764	-1.18E-01	184922433	184922556	NC_000004.11
cg14588606	1.91E-07	2.36E-08	-5.82	8.1336322	-1.19E-01	39183560	39183683	NC_000017.10
cg07903153	1.92E-07	2.36E-08	-5.82	8.1320136	-6.04E-02	30456827	30456950	NC_000016.9
cg01994902	1.92E-07	2.37E-08	-5.82	8.1315857	-9.19E-02	1576069	1576192	NC_000016.9
cg05875176	1.92E-07	2.37E-08	-5.82	8.1307678	-5.39E-02	66594586	66594709	NC_000017.10
cg09555073	1.92E-07	2.37E-08	-5.82	8.1301251	-3.32E-02	122747539	122747662	NC_000003.11
cg03330058	1.92E-07	2.37E-08	-5.82	8.1300478	-6.86E-02	127392403	127392526	NC_000003.11
cg19311055	1.92E-07	2.37E-08	-5.82	8.1296193	-1.02E-01	38459149	38459272	NC_000008.10
cg15771416	1.92E-07	2.37E-08	-5.82	8.1285205	-1.09E-01	65473753	65473876	NC_000010.10
cg00859655	1.92E-07	2.37E-08	-5.82	8.1285103	-8.92E-02	7694524	7694647	NC_000011.9
cg18151262	1.92E-07	2.37E-08	-5.82	8.1284089	-9.23E-02	1254251	1254374	NC_000019.9
cg16651768	1.92E-07	2.37E-08	-5.82	8.1278406	-1.24E-01	222340714	222340837	NC_000001.10
cg00196827	1.92E-07	2.37E-08	-5.82	8.1278285	-1.16E-01	55108068	55108191	NC_000018.9
cg10003961	1.93E-07	2.38E-08	-5.82	8.1271507	-9.49E-02	168293749	168293872	NC_000006.11
cg16998564	1.93E-07	2.38E-08	-5.82	8.1264473	-1.17E-01	88271572	88271695	NC_000001.10

cg02273392	1.93E-07	2.38E-08	-5.82	8.1259656	-8.64E-02	100770414	100770537	NC_000007.13
cg18234352	1.93E-07	2.38E-08	-5.82	8.1256532	-1.14E-01	18977405	18977528	NC_000019.9
cg08610968	1.93E-07	2.38E-08	-5.82	8.1255098	-1.27E-01	133797327	133797450	NC_000010.10
cg10703692	1.93E-07	2.38E-08	-5.82	8.1253133	-9.95E-02	132086847	132086970	NC_000006.11
cg06872185	1.93E-07	2.38E-08	-5.82	8.1243069	-6.25E-02	151831144	151831267	NC_000001.10
cg09883745	1.93E-07	2.39E-08	-5.82	8.1227746	-9.79E-02	40086528	40086651	NC_000003.11
cg16705929	1.94E-07	2.39E-08	-5.82	8.1215648	-1.26E-01	238539204	238539327	NC_000002.11
cg18303608	1.94E-07	2.39E-08	-5.82	8.1208268	-1.11E-01	213777611	213777734	NC_000002.11
cg12599700	1.94E-07	2.39E-08	-5.82	8.1205932	-3.41E-02	54962423	54962546	NC_000016.9
cg20677058	1.94E-07	2.39E-08	-5.82	8.1201091	-9.66E-02	19600471	19600594	NC_000001.10
cg04986413	1.94E-07	2.40E-08	-5.82	8.118144	-7.91E-02	99161311	99161434	NC_000010.10
cg01276497	1.94E-07	2.40E-08	-5.82	8.1180662	-1.23E-01	33723723	33723846	NC_000011.9
cg19265913	1.94E-07	2.40E-08	-5.82	8.118051	-1.34E-01	81154181	81154304	NC_000010.10
cg06937939	1.94E-07	2.40E-08	-5.82	8.1172835	-5.63E-02	6128602	6128725	NC_000010.10
cg16831185	1.95E-07	2.40E-08	-5.82	8.1165458	-1.08E-01	29158530	29158653	NC_000017.10
cg18187726	1.95E-07	2.40E-08	-5.82	8.1163252	-3.71E-02	69080414	69080537	NC_000012.11
cg15611150	1.95E-07	2.41E-08	-5.82	8.1152153	-6.75E-02	133524362	133524485	NC_000003.11
cg00499726	1.95E-07	2.41E-08	-5.82	8.1151825	-3.49E-02	42402049	42402172	NC_000017.10
cg07555102	1.95E-07	2.41E-08	-5.82	8.1150963	-1.25E-01	10696066	10696189	NC_000001.10
cg20679082	1.95E-07	2.41E-08	-5.82	8.1145826	-4.15E-02	1090548	1090671	NC_000017.10
cg01204655	1.95E-07	2.41E-08	-5.82	8.1144782	-3.82E-02	156692969	156693092	NC_000005.9
cg15199326	1.95E-07	2.41E-08	-5.82	8.1141441	-3.69E-02	2842005	2842128	NC_000006.11
cg05980782	1.95E-07	2.41E-08	-5.82	8.1140954	-5.65E-02	101567801	101567924	NC_000003.11
cg27217748	1.95E-07	2.41E-08	-5.82	8.1124905	-2.22E-02	132569568	132569691	NC_000012.11
cg25586410	1.95E-07	2.41E-08	-5.82	8.1124259	-1.37E-01	175350621	175350744	NC_000002.11



cg11074549	1.95E-07	2.41E-08	-5.82	8.1121416	-1.73E-02	75642944	75643067	NC_000014.8
cg08989921	1.95E-07	2.41E-08	-5.82	8.1120504	-2.64E-02	76836740	76836863	NC_000017.10
cg15889594	1.95E-07	2.41E-08	-5.82	8.1116246	-1.23E-01	36605927	36606050	NC_000017.10
cg14608903	1.96E-07	2.42E-08	-5.82	8.1105781	-1.11E-01	116287249	116287372	NC_000010.10
cg03335938	1.96E-07	2.42E-08	-5.82	8.1103691	-1.23E-01	17955976	17956099	NC_000022.10
cg14888579	1.96E-07	2.42E-08	-5.82	8.1101045	-4.54E-02	46426289	46426412	NC_000011.9
cg13978777	1.96E-07	2.42E-08	-5.82	8.1089614	-1.02E-01	2491825	2491948	NC_000019.9
cg04254028	1.96E-07	2.42E-08	-5.82	8.1085411	-4.14E-02	6927697	6927820	NC_000004.11
cg24174307	1.96E-07	2.42E-08	-5.82	8.1080791	-5.83E-02	73043075	73043198	NC_000017.10
cg17185710	1.96E-07	2.42E-08	-5.82	8.1075275	-8.52E-02	151984822	151984945	NC_000003.11
cg23164054	1.96E-07	2.42E-08	-5.82	8.1075163	-9.08E-02	38591593	38591716	NC_000015.9
cg17344099	1.97E-07	2.43E-08	-5.82	8.1051145	-1.24E-01	22488445	22488568	NC_000011.9
cg08836954	1.97E-07	2.43E-08	-5.82	8.1049649	-1.16E-01	179235209	179235332	NC_000005.9
cg13179130	1.97E-07	2.43E-08	-5.82	8.104657	-1.94E-02	24070416	24070539	NC_000001.10
cg11276093	1.97E-07	2.43E-08	-5.82	8.1040802	-1.18E-01	95123774	95123897	NC_000010.10
cg08567142	1.97E-07	2.43E-08	-5.82	8.1036888	-7.25E-02	71087924	71088047	NC_000010.10
cg25958716	1.97E-07	2.44E-08	-5.82	8.1024129	-6.48E-02	191079856	191079979	NC_000002.11
cg01383881	1.97E-07	2.44E-08	-5.82	8.1015271	-1.07E-01	47292384	47292507	NC_000007.13
cg20931972	1.97E-07	2.44E-08	-5.82	8.1012024	-9.05E-02	15850232	15850355	NC_000004.11
cg04526365	1.97E-07	2.44E-08	-5.82	8.1011312	-4.41E-02	34858220	34858343	NC_000006.11
cg07388493	1.97E-07	2.44E-08	-5.81	8.1008524	-1.21E-01	39491459	39491582	NC_000001.10
cg03369965	1.98E-07	2.44E-08	-5.81	8.1003342	-9.38E-02	169531731	169531854	NC_000003.11
cg14061230	1.98E-07	2.44E-08	-5.81	8.1001841	-6.93E-02	130829320	130829443	NC_000009.11
cg26137931	1.98E-07	2.44E-08	-5.81	8.100044	-3.64E-02	67048568	67048691	NC_000003.11
cg10610648	1.98E-07	2.44E-08	-5.81	8.0998855	-6.70E-02	5969457	5969580	NC_000010.10

cg24861866	1.98E-07	2.44E-08	-5.81	8.0996666	-9.02E-02	135106684	135106807	NC_000010.10
cg25708364	1.98E-07	2.45E-08	-5.81	8.0989141	-1.10E-01	18905779	18905902	NC_000017.10
cg14418756	1.98E-07	2.45E-08	-5.81	8.0988504	-1.23E-01	134043618	134043741	NC_000010.10
ch.4.427739F	1.98E-07	2.45E-08	-5.81	8.0985808	-2.36E-02	14816445	14816568	NC_000004.11
cg26052885	1.98E-07	2.45E-08	-5.81	8.0982808	-9.60E-02	57176315	57176438	NC_000001.10
cg06708133	1.98E-07	2.45E-08	-5.81	8.097243	-1.18E-01	50667801	50667924	NC_000019.9
cg13564020	1.98E-07	2.45E-08	-5.81	8.096572	-1.34E-01	79939536	79939659	NC_000014.8
cg24986840	1.99E-07	2.46E-08	-5.81	8.0940638	-7.80E-02	112693829	112693952	NC_000011.9
cg02632227	1.99E-07	2.46E-08	-5.81	8.0938542	-1.18E-01	1404914	1405037	NC_000016.9
cg14002578	1.99E-07	2.46E-08	-5.81	8.0937497	-1.25E-01	101569103	101569226	NC_000009.11
cg23519637	1.99E-07	2.46E-08	-5.81	8.0937128	-1.78E-01	1121738	1121861	NC_000007.13
cg04663564	1.99E-07	2.46E-08	-5.81	8.0930365	-1.15E-01	134144288	134144411	NC_000007.13
cg07586489	1.99E-07	2.46E-08	-5.81	8.0926467	-6.81E-02	3013227	3013350	NC_000016.9
cg03984120	1.99E-07	2.46E-08	-5.81	8.0917283	-2.17E-02	126082000	126082123	NC_000011.9
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cg02567751	2.00E-07	2.47E-08	-5.81	8.0899478	-8.27E-02	39521911	39522034	NC_000006.11
cg25309588	2.00E-07	2.47E-08	-5.81	8.0897889	-2.77E-02	42659645	42659768	NC_000004.11
cg19595850	2.00E-07	2.47E-08	-5.81	8.0895672	-1.56E-02	3712909	3713032	NC_000001.10
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cg07760722	2.00E-07	2.47E-08	-5.81	8.0886746	-9.68E-02	149033953	149034076	NC_000004.11
cg23045373	2.00E-07	2.47E-08	-5.81	8.0878824	-3.60E-02	11324048	11324171	NC_000008.10
cg08716684	2.00E-07	2.47E-08	-5.81	8.0873818	-9.99E-02	133337116	133337239	NC_000012.11
cg03802486	2.00E-07	2.48E-08	-5.81	8.0865642	-5.24E-02	7254577	7254700	NC_000012.11
cg26772894	2.00E-07	2.48E-08	-5.81	8.0862793	-7.09E-02	85122558	85122681	NC_000016.9
cg16860392	2.00E-07	2.48E-08	-5.81	8.0859066	-8.53E-02	112005207	112005330	NC_000006.11

cg05006449	2.00E-07	2.48E-08	-5.81	8.0852719	-1.15E-01	54600295	54600418	NC_000019.9
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cg26784957	2.01E-07	2.48E-08	-5.81	8.0839831	-1.11E-01	154042762	154042885	NC_000003.11
cg09760422	2.01E-07	2.48E-08	-5.81	8.0837235	-8.51E-02	128146352	128146475	NC_000002.11
cg01409343	2.01E-07	2.49E-08	-5.81	8.082263	-9.72E-02	57915740	57915863	NC_000017.10
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cg18345219	2.02E-07	2.50E-08	-5.81	8.0780225	-5.18E-02	43919084	43919207	NC_000001.10
cg00251270	2.02E-07	2.50E-08	-5.81	8.0767927	-6.66E-02	3536362	3536485	NC_000010.10
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cg07891271	2.03E-07	2.51E-08	-5.81	8.0743741	-1.58E-01	101783037	101783160	NC_000015.9
cg22686718	2.03E-07	2.51E-08	-5.81	8.0739662	-1.08E-01	127209925	127210048	NC_000012.11
cg14311134	2.03E-07	2.51E-08	-5.81	8.0736576	-1.05E-01	7414062	7414185	NC_000019.9
cg04195831	2.03E-07	2.51E-08	-5.81	8.073622	-6.89E-02	17090834	17090957	NC_000001.10
cg13210239	2.03E-07	2.51E-08	-5.81	8.0727092	-9.12E-02	2019090	2019213	NC_000011.9
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cg21780326	2.04E-07	2.52E-08	-5.81	8.0687954	-2.38E-02	100558100	100558223	NC_000011.9
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cg23318538	2.04E-07	2.52E-08	-5.81	8.0682959	-7.92E-02	26883079	26883202	NC_000010.10
cg19909658	2.04E-07	2.53E-08	-5.81	8.0674794	-1.18E-01	38447008	38447131	NC_000017.10
cg06813862	2.04E-07	2.53E-08	-5.81	8.0674708	-7.94E-02	89346059	89346182	NC_000012.11

cg18161670	2.04E-07	2.53E-08	-5.81	8.0674534	-1.01E-01	229225	229348	NC_000007.13
cg13522462	2.04E-07	2.53E-08	-5.81	8.0672379	-7.92E-02	44576874	44576997	NC_000019.9
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cg12990591	2.04E-07	2.53E-08	-5.81	8.0651211	-2.31E-02	2757781	2757904	NC_000004.11
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cg26915799	2.05E-07	2.53E-08	-5.81	8.064052	-1.31E-01	201852272	201852395	NC_000001.10
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cg15483758	2.06E-07	2.55E-08	-5.81	8.0567062	-1.11E-01	3672228	3672351	NC_000019.9
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cg23632849	2.06E-07	2.56E-08	-5.81	8.056151	-9.41E-02	72208322	72208445	NC_000017.10
cg23850277	2.06E-07	2.56E-08	-5.81	8.0561072	-5.85E-02	24114770	24114893	NC_000022.10
cg17762035	2.06E-07	2.56E-08	-5.81	8.054972	-4.04E-02	113666894	113667017	NC_000003.11
cg25322720	2.06E-07	2.56E-08	-5.81	8.054708	-1.22E-01	19628292	19628415	NC_000017.10
cg21539842	2.06E-07	2.56E-08	-5.81	8.0540509	-6.20E-02	162641005	162641128	NC_000001.10
cg12060713	2.07E-07	2.56E-08	-5.81	8.053321	-2.13E-02	121945148	121945271	NC_000007.13

cg22334879	2.07E-07	2.56E-08	-5.81	8.0530783	-6.07E-02	8642370	8642493	NC_000019.9
cg06419748	2.07E-07	2.56E-08	-5.81	8.0529317	-8.76E-02	77587324	77587447	NC_000004.11
cg22070156	2.07E-07	2.57E-08	-5.81	8.052154	-1.50E-01	102104991	102105114	NC_000013.10
cg15825501	2.07E-07	2.57E-08	-5.81	8.0519458	-5.69E-02	936610	936733	NC_000001.10
cg19940482	2.07E-07	2.57E-08	-5.81	8.0518431	-1.03E-01	125190793	125190916	NC_000011.9
cg08393660	2.07E-07	2.57E-08	-5.8	8.0489655	-5.39E-02	37322641	37322764	NC_000006.11
cg14462067	2.07E-07	2.57E-08	-5.8	8.0489144	-3.55E-02	3158207	3158330	NC_000006.11
cg00130707	2.08E-07	2.58E-08	-5.8	8.0469773	-1.13E-01	20303127	20303250	NC_000016.9
cg00808492	2.08E-07	2.58E-08	-5.8	8.0469463	-1.52E-01	120354159	120354282	NC_000001.10
cg10668041	2.08E-07	2.58E-08	-5.8	8.0467597	-1.55E-02	15412970	15413093	NC_000010.10
cg10874111	2.08E-07	2.58E-08	-5.8	8.046373	-1.20E-01	158799748	158799871	NC_000007.13
cg12616923	2.08E-07	2.58E-08	-5.8	8.0462698	-1.11E-01	128228107	128228230	NC_000008.10
cg18142353	2.08E-07	2.58E-08	-5.8	8.0459061	-5.47E-02	12420574	12420697	NC_000012.11
cg02933962	2.08E-07	2.58E-08	-5.8	8.0453515	-1.01E-01	66827615	66827738	NC_000011.9
cg11525834	2.08E-07	2.59E-08	-5.8	8.0445095	-4.62E-02	73153318	73153441	NC_000007.13
cg16941302	2.08E-07	2.59E-08	-5.8	8.0443101	-1.17E-01	55108947	55109070	NC_000018.9
cg06045576	2.08E-07	2.59E-08	-5.8	8.0442522	-7.27E-02	19948957	19949080	NC_000022.10
cg15644764	2.08E-07	2.59E-08	-5.8	8.0438675	-1.03E-01	202592914	202593037	NC_000001.10
ch.7.398127F	2.09E-07	2.59E-08	-5.8	8.0437269	-2.62E-02	12890234	12890357	NC_000007.13
cg07628084	2.09E-07	2.59E-08	-5.8	8.043715	-1.16E-01	112576119	112576242	NC_000006.11
cg24243265	2.09E-07	2.59E-08	-5.8	8.0424343	-1.11E-01	130799851	130799974	NC_000008.10
cg17081027	2.09E-07	2.59E-08	-5.8	8.0423723	-1.23E-01	223566447	223566570	NC_000001.10
cg03968911	2.09E-07	2.59E-08	-5.8	8.0414429	-9.51E-02	118734132	118734255	NC_000010.10
cg19057830	2.09E-07	2.60E-08	-5.8	8.0394435	-1.04E-01	77165673	77165796	NC_000010.10
cg18898336	2.09E-07	2.60E-08	-5.8	8.0394336	-1.02E-01	3392103	3392226	NC_000004.11

cg14483831	2.09E-07	2.60E-08	-5.8	8.0392098	-7.31E-02	133032572	133032695	NC_000011.9
cg07216436	2.10E-07	2.60E-08	-5.8	8.0387112	-1.21E-01	154951034	154951157	NC_000003.11
cg14845609	2.10E-07	2.61E-08	-5.8	8.0372344	-1.07E-01	113376010	113376133	NC_000013.10
cg04731384	2.10E-07	2.61E-08	-5.8	8.036541	-8.06E-02	90076766	90076889	NC_000016.9
cg09712234	2.10E-07	2.61E-08	-5.8	8.0363997	-1.08E-01	30614413	30614536	NC_000016.9
cg06484340	2.10E-07	2.61E-08	-5.8	8.0359906	-4.39E-02	15543369	15543492	NC_000019.9
cg11650648	2.10E-07	2.61E-08	-5.8	8.0350524	-9.12E-02	9741522	9741645	NC_000017.10
cg01961153	2.10E-07	2.61E-08	-5.8	8.0342635	-1.04E-01	41826446	41826569	NC_000001.10
cg02272280	2.10E-07	2.61E-08	-5.8	8.03422	-7.92E-02	12076435	12076558	NC_000018.9
cg07885191	2.10E-07	2.62E-08	-5.8	8.0337207	-6.93E-02	80848209	80848332	NC_000017.10
cg22948808	2.11E-07	2.62E-08	-5.8	8.0327551	-8.83E-02	46360763	46360886	NC_000011.9
cg13533061	2.11E-07	2.62E-08	-5.8	8.0326098	-1.35E-01	74712429	74712552	NC_000017.10
cg09739887	2.11E-07	2.62E-08	-5.8	8.032247	-3.70E-02	7105262	7105385	NC_000004.11
cg04622454	2.11E-07	2.62E-08	-5.8	8.0317241	-1.12E-01	140349128	140349251	NC_000009.11
cg11096515	2.11E-07	2.62E-08	-5.8	8.0316638	-1.34E-01	111062287	111062410	NC_000013.10
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cg08215318	2.11E-07	2.62E-08	-5.8	8.0306704	-1.09E-01	86016387	86016510	NC_000016.9
cg10988561	2.11E-07	2.62E-08	-5.8	8.0301231	-4.35E-02	271254	271377	NC_000005.9
cg09742465	2.11E-07	2.63E-08	-5.8	8.029451	-1.36E-01	8618154	8618277	NC_000002.11
cg07459525	2.11E-07	2.63E-08	-5.8	8.0293616	-2.12E-02	22409131	22409254	NC_000008.10
cg05183487	2.11E-07	2.63E-08	-5.8	8.0293567	-4.79E-02	89992959	89993082	NC_000016.9
cg07132492	2.11E-07	2.63E-08	-5.8	8.0290102	-8.50E-02	113492042	113492165	NC_000013.10
cg02096718	2.12E-07	2.63E-08	-5.8	8.0285896	-2.75E-02	32174744	32174867	NC_000005.9
cg22157099	2.12E-07	2.63E-08	-5.8	8.0283617	-1.20E-01	15830172	15830295	NC_000002.11
cg00259834	2.12E-07	2.63E-08	-5.8	8.0278752	-1.56E-01	16553499	16553622	NC_000003.11

cg09703910	2.12E-07	2.63E-08	-5.8	8.0269875	-1.67E-01	56236435	56236558	NC_000002.11
cg26810281	2.12E-07	2.63E-08	-5.8	8.0267376	-7.92E-02	31465714	31465837	NC_000006.11
cg10655236	2.12E-07	2.63E-08	-5.8	8.0263823	-1.21E-01	753974	754097	NC_000017.10
cg00264799	2.12E-07	2.64E-08	-5.8	8.0256757	-1.11E-01	102848839	102848962	NC_000012.11
cg08877624	2.12E-07	2.64E-08	-5.8	8.0253341	-4.99E-02	141521446	141521569	NC_000008.10
cg19745314	2.12E-07	2.64E-08	-5.8	8.0242997	-5.39E-02	170814913	170815036	NC_000005.9
cg22218543	2.13E-07	2.64E-08	-5.8	8.023241	-7.98E-02	47393136	47393259	NC_000017.10
cg03318469	2.13E-07	2.64E-08	-5.8	8.0232278	-1.04E-01	3710303	3710426	NC_000001.10
cg20253350	2.13E-07	2.64E-08	-5.8	8.022911	-6.08E-02	19615659	19615782	NC_000001.10
cg18806378	2.13E-07	2.65E-08	-5.8	8.0225319	-2.43E-02	61655862	61655985	NC_000014.8
cg18284875	2.13E-07	2.65E-08	-5.8	8.0225308	-1.06E-01	157777033	157777156	NC_000007.13
cg07700393	2.13E-07	2.65E-08	-5.8	8.0215809	-1.22E-01	33788976	33789099	NC_000005.9
cg06655190	2.13E-07	2.65E-08	-5.8	8.0208572	-8.86E-02	75551627	75551750	NC_000016.9
cg26123824	2.14E-07	2.66E-08	-5.8	8.0185096	-1.23E-01	120783201	120783324	NC_000010.10
cg22499297	2.14E-07	2.66E-08	-5.8	8.0174234	-8.17E-02	49789369	49789492	NC_000013.10
cg08890043	2.14E-07	2.66E-08	-5.8	8.0171965	-2.51E-02	51021165	51021288	NC_000022.10
cg15997611	2.14E-07	2.66E-08	-5.8	8.0171837	-6.87E-02	47901145	47901268	NC_000017.10
cg03371986	2.14E-07	2.66E-08	-5.8	8.0170747	-3.47E-02	138089103	138089226	NC_000005.9
cg15810815	2.14E-07	2.66E-08	-5.8	8.0164682	-7.53E-02	114663139	114663262	NC_000006.11
cg18595780	2.14E-07	2.66E-08	-5.8	8.0164595	-1.05E-01	31010742	31010865	NC_000006.11
cg13325233	2.14E-07	2.66E-08	-5.8	8.0164388	-5.52E-02	86167398	86167521	NC_000004.11
cg15812469	2.14E-07	2.66E-08	-5.8	8.0163444	-4.87E-02	25041320	25041443	NC_000008.10
cg13830636	2.14E-07	2.66E-08	-5.8	8.0154198	-1.65E-02	75503731	75503854	NC_000010.10
cg08791922	2.14E-07	2.67E-08	-5.8	8.0147223	-8.38E-02	32964265	32964388	NC_000017.10
cg01766699	2.14E-07	2.67E-08	-5.8	8.0143656	-1.16E-01	196602679	196602802	NC_000002.11

cg00803638	2.15E-07	2.67E-08	-5.8	8.0133292	-5.27E-02	35464304	35464427	NC_000006.11
cg24883586	2.15E-07	2.67E-08	-5.8	8.0131376	-4.89E-02	37757094	37757217	NC_000008.10
cg04189187	2.15E-07	2.67E-08	-5.8	8.0128455	-1.31E-01	6183528	6183651	NC_000010.10
cg25466805	2.15E-07	2.67E-08	-5.8	8.0127814	-4.38E-02	72463704	72463827	NC_000011.9
cg21724798	2.15E-07	2.67E-08	-5.8	8.0120952	-4.54E-02	11667650	11667773	NC_000020.10
cg08028651	2.15E-07	2.67E-08	-5.8	8.0118793	-1.35E-02	116164836	116164959	NC_000007.13
cg07318609	2.15E-07	2.68E-08	-5.8	8.0108542	-1.53E-01	128585354	128585477	NC_000010.10
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cg08711281	2.15E-07	2.68E-08	-5.8	8.0103843	-1.14E-01	30908302	30908425	NC_000006.11
cg07812848	2.15E-07	2.68E-08	-5.8	8.0098186	-1.12E-01	1214622	1214745	NC_000001.10
cg25356504	2.15E-07	2.68E-08	-5.8	8.009453	-1.22E-01	26707476	26707599	NC_000017.10
cg20032370	2.15E-07	2.68E-08	-5.8	8.0094515	-6.29E-02	80251467	80251590	NC_000017.10
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cg18636739	2.16E-07	2.68E-08	-5.8	8.0087824	-1.15E-01	10870175	10870298	NC_000012.11
cg06294319	2.16E-07	2.69E-08	-5.8	8.0078326	-1.12E-01	127387971	127388094	NC_000008.10
cg05032934	2.16E-07	2.69E-08	-5.8	8.0076114	-3.78E-02	31789161	31789284	NC_000006.11
cg05817758	2.16E-07	2.69E-08	-5.8	8.0075228	-1.63E-01	13030567	13030690	NC_000011.9
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cg26667287	2.16E-07	2.69E-08	-5.8	8.0050544	-6.27E-02	46419365	46419488	NC_000022.10
cg04478875	2.16E-07	2.69E-08	-5.8	8.0050543	-1.10E-01	142023774	142023897	NC_000005.9
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cg16418183	2.16E-07	2.70E-08	-5.8	8.0042868	-1.07E-01	51360402	51360525	NC_000016.9
cg12464148	2.16E-07	2.70E-08	-5.8	8.0041908	-1.03E-01	4173497	4173620	NC_000004.11
cg14607904	2.17E-07	2.70E-08	-5.8	8.004036	-2.59E-02	170862125	170862248	NC_000006.11



cg00997411	2.17E-07	2.70E-08	-5.8	8.0036185	-2.13E-02	205290916	205291039	NC_000001.10
cg13555050	2.17E-07	2.70E-08	-5.8	8.0030026	-1.09E-01	111985640	111985763	NC_000004.11
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cg20815778	2.17E-07	2.70E-08	-5.8	8.0020752	-1.11E-01	72113416	72113539	NC_000006.11
cg02582940	2.17E-07	2.70E-08	-5.79	8.0017527	-1.14E-01	97308417	97308540	NC_000002.11
cg18817654	2.18E-07	2.71E-08	-5.79	7.9984095	-1.23E-01	39485138	39485261	NC_000015.9
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cg00958451	2.18E-07	2.72E-08	-5.79	7.996587	-5.17E-02	65204391	65204514	NC_000015.9
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cg05005073	2.19E-07	2.73E-08	-5.79	7.9919335	-7.61E-02	39513326	39513449	NC_000001.10
cg25410310	2.19E-07	2.73E-08	-5.79	7.9915194	-1.24E-01	48902803	48902926	NC_000019.9
cg23041295	2.19E-07	2.73E-08	-5.79	7.9908933	-1.37E-01	15502456	15502579	NC_000005.9
cg25996077	2.19E-07	2.73E-08	-5.79	7.9907849	-1.04E-01	228331319	228331442	NC_000002.11
cg17461003	2.19E-07	2.73E-08	-5.79	7.9903669	-6.69E-02	101768816	101768939	NC_000002.11
cg10227393	2.19E-07	2.74E-08	-5.79	7.9898212	-2.88E-02	3721525	3721648	NC_000019.9

cg12923585	2.19E-07	2.74E-08	-5.79	7.989657	-2.48E-02	132149015	132149138	NC_000005.9
cg26802951	2.20E-07	2.74E-08	-5.79	7.9894239	-5.57E-02	178977641	178977764	NC_000005.9
cg20666186	2.20E-07	2.74E-08	-5.79	7.9893769	-9.69E-02	4038956	4039079	NC_000019.9
cg01579086	2.20E-07	2.74E-08	-5.79	7.9892649	-3.89E-02	40719412	40719535	NC_000017.10
cg23627145	2.20E-07	2.74E-08	-5.79	7.9890871	-6.15E-02	146445284	146445407	NC_000002.11
cg04246138	2.20E-07	2.74E-08	-5.79	7.988903	-1.01E-01	46777343	46777466	NC_000016.9
cg15639581	2.20E-07	2.74E-08	-5.79	7.9886523	-1.42E-01	13318873	13318996	NC_000019.9
cg20482223	2.20E-07	2.74E-08	-5.79	7.9884423	-7.34E-02	138347826	138347949	NC_000007.13
cg19356232	2.20E-07	2.74E-08	-5.79	7.9872951	-4.26E-02	200589415	200589538	NC_000001.10
cg01470323	2.20E-07	2.75E-08	-5.79	7.9857886	-4.96E-02	66139715	66139838	NC_000011.9
cg27641801	2.20E-07	2.75E-08	-5.79	7.9851886	-9.79E-02	4429265	4429388	NC_000004.11
cg01262337	2.21E-07	2.75E-08	-5.79	7.9844825	-3.95E-02	53290205	53290328	NC_000003.11
cg18046311	2.21E-07	2.75E-08	-5.79	7.9841206	-1.21E-01	49222623	49222746	NC_000012.11
cg03059247	2.21E-07	2.75E-08	-5.79	7.9834527	-7.88E-02	11287657	11287780	NC_000008.10
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cg23664186	2.22E-07	2.77E-08	-5.79	7.9792299	-8.95E-02	38065582	38065705	NC_000014.8
cg04848426	2.22E-07	2.77E-08	-5.79	7.9787331	-1.28E-01	106735003	106735126	NC_000002.11
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cg04492769	2.22E-07	2.77E-08	-5.79	7.9781469	-1.14E-01	157314300	157314423	NC_000007.13
cg18762849	2.22E-07	2.77E-08	-5.79	7.9771965	-1.67E-02	81741832	81741955	NC_000010.10
cg22448292	2.22E-07	2.77E-08	-5.79	7.9771532	-3.64E-02	90234075	90234198	NC_000015.9
cg13876135	2.22E-07	2.77E-08	-5.79	7.9769659	-7.77E-02	211872318	211872441	NC_000001.10
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cg04928670	2.22E-07	2.77E-08	-5.79	7.9767664	-1.14E-01	89128459	89128582	NC_000002.11
cg14165909	2.22E-07	2.77E-08	-5.79	7.9764788	-1.03E-01	44203699	44203822	NC_000018.9
cg06541222	2.22E-07	2.77E-08	-5.79	7.9764594	-1.45E-01	74019754	74019877	NC_000008.10
cg24110768	2.22E-07	2.78E-08	-5.79	7.9754433	-2.81E-02	58159478	58159601	NC_000012.11
ch.5.42356207R	2.23E-07	2.78E-08	-5.79	7.9750476	-1.58E-02	42320450	42320573	NC_000005.9
cg17230773	2.23E-07	2.78E-08	-5.79	7.9740389	-1.30E-01	142494148	142494271	NC_000007.13
cg13651986	2.23E-07	2.78E-08	-5.79	7.9737019	-1.24E-01	175548447	175548570	NC_000002.11
cg13150632	2.23E-07	2.78E-08	-5.79	7.97305	-5.07E-02	31549222	31549345	NC_000006.11
cg18861140	2.23E-07	2.78E-08	-5.79	7.9727876	-3.72E-02	3449789	3449912	NC_000018.9
cg15895925	2.23E-07	2.79E-08	-5.79	7.9723421	-1.19E-01	33810859	33810982	NC_000001.10
cg04337270	2.23E-07	2.79E-08	-5.79	7.9716795	-1.04E-01	24559830	24559953	NC_000004.11
cg09556351	2.23E-07	2.79E-08	-5.79	7.9712924	-1.05E-01	70087066	70087189	NC_000010.10
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cg24645679	2.24E-07	2.79E-08	-5.79	7.9704306	-1.20E-01	2611236	2611359	NC_000007.13
cg23632528	2.24E-07	2.79E-08	-5.79	7.9701674	-5.89E-02	24901434	24901557	NC_000014.8
cg10502118	2.24E-07	2.79E-08	-5.79	7.9700069	-1.56E-01	16553697	16553820	NC_000003.11
cg01195545	2.24E-07	2.79E-08	-5.79	7.9697539	-1.21E-01	150253908	150254031	NC_000007.13
cg27128761	2.24E-07	2.79E-08	-5.79	7.9696263	-1.10E-01	151055650	151055773	NC_000005.9
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cg26105015	2.24E-07	2.79E-08	-5.79	7.9693103	-7.06E-02	122745099	122745222	NC_000003.11
cg27300045	2.24E-07	2.79E-08	-5.79	7.9689827	-6.72E-02	47610813	47610936	NC_000019.9
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cg10509014	2.24E-07	2.80E-08	-5.79	7.9668135	-8.48E-02	89234354	89234477	NC_000001.10
cg26823630	2.24E-07	2.80E-08	-5.79	7.9667357	-1.19E-02	110354443	110354566	NC_000004.11
cg12308346	2.24E-07	2.80E-08	-5.79	7.9659226	-6.72E-02	141014313	141014436	NC_000004.11
cg04954757	2.25E-07	2.80E-08	-5.79	7.9657971	-6.51E-02	807121	807244	NC_000017.10
cg16580759	2.25E-07	2.80E-08	-5.79	7.9654525	-1.00E-01	6693379	6693502	NC_000008.10
ch.1.572291F	2.25E-07	2.81E-08	-5.79	7.9653305	-5.00E-02	16715418	16715541	NC_000001.10
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cg11313780	2.26E-07	2.82E-08	-5.79	7.9587306	-1.34E-01	103817950	103818073	NC_000008.10
cg19554257	2.26E-07	2.83E-08	-5.79	7.9578009	-1.37E-01	116996931	116997054	NC_000012.11
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cg13824500	2.27E-07	2.84E-08	-5.79	7.9547601	-1.10E-01	114394236	114394359	NC_000010.10
cg25350097	2.27E-07	2.84E-08	-5.79	7.9542966	-1.25E-01	110963774	110963897	NC_000002.11
cg24631735	2.27E-07	2.84E-08	-5.79	7.9538409	-1.35E-01	137808241	137808364	NC_000003.11
cg07029277	2.27E-07	2.84E-08	-5.79	7.9532641	-2.51E-02	45150537	45150660	NC_000013.10
cg16707227	2.27E-07	2.84E-08	-5.79	7.9530868	-8.59E-02	19157847	19157970	NC_000002.11

cg21058987	2.27E-07	2.84E-08	-5.79	7.953041	-4.10E-02	50778937	50779060	NC_000014.8
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cg23931323	2.27E-07	2.84E-08	-5.79	7.9528991	-1.15E-01	73372278	73372401	NC_000011.9
cg19642402	2.27E-07	2.84E-08	-5.79	7.9526099	-1.22E-01	77287762	77287885	NC_000015.9
cg00747184	2.28E-07	2.84E-08	-5.78	7.9518288	-3.19E-02	55878680	55878803	NC_000014.8
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cg08757037	2.28E-07	2.85E-08	-5.78	7.9505735	-2.67E-02	75933294	75933417	NC_000007.13
cg06006512	2.28E-07	2.85E-08	-5.78	7.9502963	-8.90E-02	89221147	89221270	NC_000003.11
cg16467811	2.28E-07	2.85E-08	-5.78	7.9502762	-8.11E-02	139832064	139832187	NC_000004.11
cg27094376	2.28E-07	2.85E-08	-5.78	7.9499721	-1.02E-01	3639688	3639811	NC_000016.9
cg20989729	2.28E-07	2.85E-08	-5.78	7.9491412	-3.12E-02	101981056	101981179	NC_000011.9
cg05151228	2.28E-07	2.86E-08	-5.78	7.9481295	-2.69E-02	110752952	110753075	NC_000001.10
cg05915004	2.28E-07	2.86E-08	-5.78	7.9478523	-1.39E-01	15959602	15959725	NC_000011.9
cg10313417	2.28E-07	2.86E-08	-5.78	7.9476759	-2.64E-02	40420809	40420932	NC_000001.10
cg14084826	2.29E-07	2.86E-08	-5.78	7.945797	-1.09E-01	205632101	205632224	NC_000001.10
cg09703727	2.29E-07	2.86E-08	-5.78	7.945588	-8.21E-02	69447465	69447588	NC_000007.13
cg11266682	2.29E-07	2.86E-08	-5.78	7.9454132	-9.95E-02	10021025	10021148	NC_000004.11
cg21137823	2.29E-07	2.86E-08	-5.78	7.9448229	-5.25E-02	1981270	1981393	NC_000001.10
cg15577126	2.29E-07	2.87E-08	-5.78	7.9447099	-6.93E-02	218932178	218932301	NC_000002.11
cg03737691	2.29E-07	2.87E-08	-5.78	7.9444616	-5.88E-02	62681064	62681187	NC_000020.10
cg00876501	2.29E-07	2.87E-08	-5.78	7.9430542	-3.91E-02	99850885	99851008	NC_000004.11
cg19806933	2.30E-07	2.87E-08	-5.78	7.9421376	-1.81E-02	63742453	63742576	NC_000011.9
cg01581222	2.30E-07	2.88E-08	-5.78	7.9402662	-1.09E-01	10958952	10959075	NC_000019.9
cg04556519	2.30E-07	2.88E-08	-5.78	7.9398145	-6.14E-02	45675633	45675756	NC_000010.10
cg13127574	2.31E-07	2.88E-08	-5.78	7.9383609	-8.66E-02	105196523	105196646	NC_000014.8

cg10180697	2.31E-07	2.89E-08	-5.78	7.9375851	-1.11E-01	79948941	79949064	NC_000005.9
cg05333844	2.31E-07	2.89E-08	-5.78	7.936839	-1.04E-01	46184403	46184526	NC_000019.9
cg07493760	2.31E-07	2.89E-08	-5.78	7.935191	-6.89E-02	139739683	139739806	NC_000005.9
cg26925717	2.32E-07	2.90E-08	-5.78	7.9338319	-1.06E-01	21467316	21467439	NC_000014.8
cg05238713	2.32E-07	2.90E-08	-5.78	7.9326562	-9.35E-02	31800946	31801069	NC_000011.9
cg05248655	2.32E-07	2.90E-08	-5.78	7.932293	-1.31E-01	1454265	1454388	NC_000010.10
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cg00853964	2.32E-07	2.90E-08	-5.78	7.9320849	-2.16E-02	33814536	33814659	NC_000001.10
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cg02627657	2.32E-07	2.90E-08	-5.78	7.931854	-8.64E-02	16257165	16257288	NC_000017.10
cg06330587	2.32E-07	2.90E-08	-5.78	7.9313512	-8.37E-02	149488213	149488336	NC_000007.13
cg13318121	2.32E-07	2.91E-08	-5.78	7.930764	-7.04E-02	82192777	82192900	NC_000008.10
cg22360765	2.32E-07	2.91E-08	-5.78	7.929765	-8.53E-02	47298563	47298686	NC_000002.11
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cg26393983	2.32E-07	2.91E-08	-5.78	7.9295451	-1.74E-02	2571747	2571870	NC_000018.9
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cg00187414	2.33E-07	2.92E-08	-5.78	7.9262663	-4.31E-02	37892193	37892316	NC_000004.11

cg19655704	2.33E-07	2.92E-08	-5.78	7.9251008	-4.09E-02	178295152	178295275	NC_000002.11
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cg20332503	2.34E-07	2.93E-08	-5.78	7.923143	-1.16E-01	143081287	143081410	NC_000007.13
cg05212098	2.34E-07	2.93E-08	-5.78	7.9225638	-7.97E-02	106177398	106177521	NC_000014.8
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cg02096396	2.34E-07	2.93E-08	-5.78	7.9216886	-2.18E-02	26395556	26395679	NC_000002.11
cg26044171	2.34E-07	2.94E-08	-5.78	7.9210117	-1.81E-02	57985301	57985424	NC_000012.11
cg27178045	2.34E-07	2.94E-08	-5.78	7.9209421	-1.16E-01	23753823	23753946	NC_000007.13
cg05813616	2.34E-07	2.94E-08	-5.78	7.9206731	-8.85E-02	46781713	46781836	NC_000016.9
cg17941202	2.34E-07	2.94E-08	-5.78	7.9205875	-1.81E-02	72163695	72163818	NC_000018.9
ch.3.397026R	2.34E-07	2.94E-08	-5.78	7.920565	-4.98E-02	17583522	17583645	NC_000003.11
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cg24699895	2.35E-07	2.94E-08	-5.78	7.9198024	-1.12E-01	71094286	71094409	NC_000010.10
cg17824465	2.35E-07	2.94E-08	-5.78	7.919772	-2.91E-02	51001806	51001929	NC_000022.10
cg00317020	2.35E-07	2.94E-08	-5.78	7.9194563	-1.11E-01	60933578	60933701	NC_000010.10
cg06827038	2.35E-07	2.94E-08	-5.78	7.9194228	-9.51E-02	48912952	48913075	NC_000017.10
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cg18754370	2.35E-07	2.95E-08	-5.78	7.9165393	-2.54E-02	19497405	19497528	NC_000019.9

cg22364262	2.35E-07	2.95E-08	-5.78	7.91638	-1.48E-02	142558129	142558252	NC_000004.11
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cg24489972	2.36E-07	2.95E-08	-5.78	7.9155421	-2.58E-02	105817320	105817443	NC_000007.13
cg02693688	2.36E-07	2.95E-08	-5.78	7.9150142	-3.40E-02	3818083	3818206	NC_000001.10
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cg27519942	2.36E-07	2.96E-08	-5.78	7.9140093	-1.49E-02	245318232	245318355	NC_000001.10
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cg04239548	2.36E-07	2.96E-08	-5.78	7.9132298	-6.55E-02	92117004	92117127	NC_000001.10
cg10057252	2.36E-07	2.96E-08	-5.78	7.9130026	-3.05E-02	110036897	110037020	NC_000001.10
cg02505177	2.36E-07	2.97E-08	-5.78	7.9112851	-1.16E-01	103574626	103574749	NC_000010.10
cg13622355	2.37E-07	2.97E-08	-5.78	7.9110379	-7.35E-02	37495279	37495402	NC_000008.10
cg02233414	2.37E-07	2.97E-08	-5.78	7.9108126	-1.40E-02	36391117	36391240	NC_000019.9
cg08626653	2.37E-07	2.97E-08	-5.78	7.9104589	-9.22E-02	100082322	100082445	NC_000007.13
cg02038418	2.37E-07	2.97E-08	-5.78	7.9104514	-6.90E-02	39958882	39959005	NC_000015.9
cg19413417	2.37E-07	2.97E-08	-5.78	7.9090875	-4.03E-02	55294536	55294659	NC_000008.10
cg17647904	2.37E-07	2.97E-08	-5.78	7.9087527	-5.83E-02	124908601	124908724	NC_000012.11
cg05241308	2.37E-07	2.97E-08	-5.78	7.9087401	-5.97E-02	21970348	21970471	NC_000015.9
cg02680909	2.37E-07	2.97E-08	-5.78	7.908163	-1.21E-01	39899321	39899444	NC_000006.11
cg26387848	2.37E-07	2.98E-08	-5.78	7.9072979	-1.32E-01	17808724	17808847	NC_000011.9
cg06750579	2.37E-07	2.98E-08	-5.78	7.9072717	-2.72E-02	14191988	14192111	NC_000019.9



cg11781389	2.38E-07	2.98E-08	-5.78	7.9062716	-2.73E-02	134201462	134201585	NC_000011.9
cg06236206	2.38E-07	2.98E-08	-5.78	7.9049987	-4.01E-02	66120395	66120518	NC_000007.13
cg03901462	2.38E-07	2.99E-08	-5.78	7.9047441	-3.37E-02	62572874	62572997	NC_000011.9
cg04381712	2.38E-07	2.99E-08	-5.78	7.9047438	-1.54E-02	53024905	53025028	NC_000013.10
cg11448270	2.38E-07	2.99E-08	-5.78	7.9042589	-1.09E-01	116358457	116358580	NC_000006.11
cg22349387	2.38E-07	2.99E-08	-5.78	7.9041977	-9.68E-02	9600060	9600183	NC_000012.11
cg13534999	2.38E-07	2.99E-08	-5.78	7.9037619	-1.53E-01	1506936	1507059	NC_000011.9
cg26848957	2.38E-07	2.99E-08	-5.78	7.9036638	-1.15E-01	70507711	70507834	NC_000017.10
cg02339937	2.38E-07	2.99E-08	-5.78	7.903658	-3.02E-02	57824242	57824365	NC_000012.11
cg23718606	2.38E-07	2.99E-08	-5.78	7.9033532	-4.10E-02	27219812	27219935	NC_000006.11
cg12407526	2.38E-07	2.99E-08	-5.78	7.9028959	-1.03E-01	60059120	60059243	NC_000005.9
cg18109665	2.38E-07	2.99E-08	-5.78	7.9028855	-7.31E-02	9062474	9062597	NC_000003.11
cg01824138	2.39E-07	3.00E-08	-5.77	7.9013057	-8.56E-02	10699604	10699727	NC_000001.10
cg07287463	2.39E-07	3.00E-08	-5.77	7.8993814	-5.15E-02	47903450	47903573	NC_000001.10
cg13820776	2.40E-07	3.01E-08	-5.77	7.8975386	-9.17E-02	139859096	139859219	NC_000009.11
cg07495314	2.40E-07	3.01E-08	-5.77	7.8974858	-2.94E-02	27845355	27845478	NC_000013.10
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cg16875864	2.40E-07	3.01E-08	-5.77	7.8959906	-1.30E-01	16441008	16441131	NC_000003.11
cg12755477	2.40E-07	3.01E-08	-5.77	7.8954824	-3.35E-02	36156813	36156936	NC_000020.10
cg11251135	2.40E-07	3.01E-08	-5.77	7.8952322	-8.64E-02	1863911	1864034	NC_000017.10
cg15752436	2.40E-07	3.02E-08	-5.77	7.8947127	-1.26E-01	20937757	20937880	NC_000017.10
cg24027931	2.40E-07	3.02E-08	-5.77	7.8946661	-6.80E-02	64067687	64067810	NC_000011.9
cg00200298	2.40E-07	3.02E-08	-5.77	7.8942188	-2.32E-02	89790339	89790462	NC_000006.11
cg23514340	2.41E-07	3.03E-08	-5.77	7.8914426	-6.55E-02	94948185	94948308	NC_000008.10
cg18979802	2.41E-07	3.03E-08	-5.77	7.8913264	-3.99E-02	128775513	128775636	NC_000011.9

cg03388712	2.41E-07	3.03E-08	-5.77	7.8911567	-8.14E-02	168271061	168271184	NC_000001.10
cg03046325	2.41E-07	3.03E-08	-5.77	7.890721	-3.39E-02	93558661	93558784	NC_000010.10
cg26450228	2.41E-07	3.03E-08	-5.77	7.8907204	-7.31E-02	64575581	64575704	NC_000017.10
cg00878605	2.41E-07	3.03E-08	-5.77	7.8900711	-7.03E-02	17716645	17716768	NC_000019.9
cg00237391	2.41E-07	3.03E-08	-5.77	7.8896246	-1.04E-01	35265643	35265766	NC_000006.11
cg10568634	2.42E-07	3.03E-08	-5.77	7.8889701	-7.50E-02	5005562	5005685	NC_000010.10
cg09925014	2.42E-07	3.04E-08	-5.77	7.8879771	-3.14E-02	121495233	121495356	NC_000002.11
cg01074767	2.42E-07	3.04E-08	-5.77	7.8872518	-1.37E-01	7262137	7262260	NC_000012.11
cg27021056	2.42E-07	3.04E-08	-5.77	7.8872273	-2.49E-02	76837047	76837170	NC_000017.10
cg14425863	2.42E-07	3.04E-08	-5.77	7.8871936	-3.58E-02	17566034	17566157	NC_000011.9
ch.2.38819824R	2.42E-07	3.04E-08	-5.77	7.8869027	-3.07E-02	38966320	38966443	NC_000002.11
cg20426710	2.42E-07	3.04E-08	-5.77	7.886705	-9.10E-02	50248907	50249030	NC_000022.10
cg08421910	2.42E-07	3.04E-08	-5.77	7.8865041	-1.21E-01	11771840	11771963	NC_000006.11
cg08257003	2.42E-07	3.04E-08	-5.77	7.8864894	-5.48E-02	84140564	84140687	NC_000006.11
cg14018690	2.42E-07	3.04E-08	-5.77	7.8861552	-7.07E-02	111804832	111804955	NC_000003.11
cg20097593	2.42E-07	3.04E-08	-5.77	7.8854834	-6.31E-02	70781679	70781802	NC_000002.11
cg01961018	2.43E-07	3.05E-08	-5.77	7.8844542	-3.90E-02	67999752	67999875	NC_000014.8
cg10900641	2.43E-07	3.05E-08	-5.77	7.8829222	-1.18E-01	1767793	1767916	NC_000011.9
cg27614445	2.43E-07	3.05E-08	-5.77	7.8827607	-5.05E-02	179041226	179041349	NC_000003.11
cg19254691	2.43E-07	3.05E-08	-5.77	7.8826436	-1.02E-01	33375765	33375888	NC_000015.9
cg19878479	2.43E-07	3.05E-08	-5.77	7.8823516	-8.48E-02	49015582	49015705	NC_000019.9
cg08209163	2.43E-07	3.05E-08	-5.77	7.8823445	-3.40E-02	28024472	28024595	NC_000013.10
cg12164955	2.43E-07	3.06E-08	-5.77	7.8818972	-1.23E-01	106752261	106752384	NC_000013.10
cg06981716	2.43E-07	3.06E-08	-5.77	7.8818062	-7.84E-02	98030795	98030918	NC_000007.13
cg23515853	2.43E-07	3.06E-08	-5.77	7.8816443	-1.27E-01	79372528	79372651	NC_000017.10

cg04906886	2.44E-07	3.06E-08	-5.77	7.8800937	-1.18E-01	100755611	100755734	NC_000003.11
cg14871628	2.44E-07	3.06E-08	-5.77	7.8796805	-2.53E-02	18228604	18228727	NC_000019.9
cg23776186	2.44E-07	3.06E-08	-5.77	7.8796665	-4.31E-02	57599066	57599189	NC_000015.9
cg23000950	2.44E-07	3.06E-08	-5.77	7.8792454	-8.71E-02	48785738	48785861	NC_000015.9
cg11334070	2.44E-07	3.06E-08	-5.77	7.8791901	-7.50E-02	128840773	128840896	NC_000003.11
cg08264848	2.44E-07	3.07E-08	-5.77	7.8779205	-4.68E-02	120740020	120740143	NC_000012.11
cg16251016	2.44E-07	3.07E-08	-5.77	7.8778974	-1.01E-01	11643100	11643223	NC_000019.9
cg00622105	2.44E-07	3.07E-08	-5.77	7.8773988	-6.84E-02	65594478	65594601	NC_000002.11
cg15616358	2.45E-07	3.08E-08	-5.77	7.8754303	-1.79E-01	68610296	68610419	NC_000011.9
cg12643378	2.45E-07	3.08E-08	-5.77	7.8752547	-4.39E-02	57634855	57634978	NC_000012.11
cg11648522	2.45E-07	3.08E-08	-5.77	7.874467	-1.06E-01	15272238	15272361	NC_000001.10
cg02641941	2.45E-07	3.08E-08	-5.77	7.8741193	-1.35E-01	40410965	40411088	NC_000012.11
cg03847435	2.45E-07	3.08E-08	-5.77	7.87405	-9.37E-02	134420910	134421033	NC_000005.9
cg13670531	2.46E-07	3.09E-08	-5.77	7.8719153	-1.29E-01	116066521	116066644	NC_000010.10
cg07236342	2.46E-07	3.09E-08	-5.77	7.8703926	-2.35E-02	73133398	73133521	NC_000007.13
cg24265969	2.46E-07	3.09E-08	-5.77	7.8695445	-1.54E-01	55654481	55654604	NC_000003.11
cg09699193	2.47E-07	3.10E-08	-5.77	7.8676371	-1.12E-01	9457024	9457147	NC_000005.9
cg09218524	2.47E-07	3.10E-08	-5.77	7.867057	-3.10E-02	57598511	57598634	NC_000015.9
cg14369780	2.47E-07	3.11E-08	-5.77	7.8655223	-6.40E-02	155010956	155011079	NC_000007.13
cg26848071	2.47E-07	3.11E-08	-5.77	7.86523	-8.76E-02	4927715	4927838	NC_000017.10
cg20638045	2.47E-07	3.11E-08	-5.77	7.8647132	-2.62E-02	100107064	100107187	NC_000015.9
cg26851984	2.47E-07	3.11E-08	-5.77	7.8644697	-1.05E-01	126016153	126016276	NC_000005.9
cg01840575	2.47E-07	3.11E-08	-5.77	7.8640433	-2.38E-02	38977957	38978080	NC_000002.11
cg26872907	2.47E-07	3.11E-08	-5.77	7.8640266	-1.44E-01	161796854	161796977	NC_000006.11
cg02902102	2.47E-07	3.11E-08	-5.77	7.8638501	-1.45E-01	48902290	48902413	NC_000019.9

cg20677267	2.48E-07	3.11E-08	-5.77	7.8634266	-7.94E-02	148834863	148834986	NC_000006.11
cg14766198	2.48E-07	3.12E-08	-5.77	7.863142	-1.72E-02	100818374	100818497	NC_000001.10
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cg14956593	2.48E-07	3.12E-08	-5.77	7.8613843	-2.16E-02	24685421	24685544	NC_000014.8
cg14094646	2.48E-07	3.12E-08	-5.77	7.8613014	-8.69E-02	37030262	37030385	NC_000009.11
cg08597839	2.48E-07	3.12E-08	-5.77	7.8610862	-9.76E-02	29461008	29461131	NC_000001.10
cg11343713	2.48E-07	3.12E-08	-5.77	7.86073	-9.54E-02	45749313	45749436	NC_000007.13
cg18382947	2.48E-07	3.13E-08	-5.77	7.8597079	-3.91E-02	51308364	51308487	NC_000019.9
cg00670111	2.49E-07	3.13E-08	-5.77	7.8590054	-8.28E-02	128500474	128500597	NC_000007.13
cg16503611	2.49E-07	3.13E-08	-5.77	7.8576491	-1.03E-01	114679761	114679884	NC_000004.11
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cg14485901	2.49E-07	3.14E-08	-5.77	7.8557569	-1.23E-01	139913752	139913875	NC_000009.11
cg05127221	2.50E-07	3.14E-08	-5.77	7.8547814	-1.09E-01	29706381	29706504	NC_000016.9
cg26313349	2.50E-07	3.14E-08	-5.77	7.8544802	-1.63E-02	145589328	145589451	NC_000001.10
cg16895672	2.50E-07	3.14E-08	-5.77	7.8541008	-1.31E-01	34470745	34470868	NC_000010.10
cg19457506	2.50E-07	3.15E-08	-5.76	7.8534191	-2.64E-02	43099559	43099682	NC_000017.10
cg00387170	2.50E-07	3.15E-08	-5.76	7.8530427	-5.22E-02	41514002	41514125	NC_000006.11
cg06493166	2.50E-07	3.15E-08	-5.76	7.8527966	-7.97E-02	144386146	144386269	NC_000006.11
cg06760169	2.50E-07	3.15E-08	-5.76	7.8527484	-4.34E-02	73081893	73082016	NC_000007.13
cg01907426	2.50E-07	3.15E-08	-5.76	7.8518857	-1.25E-01	177817086	177817209	NC_000001.10
cg05888872	2.50E-07	3.15E-08	-5.76	7.8512941	-1.63E-01	14050479	14050602	NC_000010.10

cg01736252	2.50E-07	3.15E-08	-5.76	7.850954	-2.21E-02	55181557	55181680	NC_000001.10
cg24539573	2.51E-07	3.16E-08	-5.76	7.8506823	-5.40E-02	31846542	31846665	NC_000001.10
cg10156905	2.51E-07	3.16E-08	-5.76	7.8501311	-9.56E-02	42965753	42965876	NC_000020.10
cg04930596	2.51E-07	3.16E-08	-5.76	7.8491229	-1.32E-01	124864528	124864651	NC_000012.11
cg20196910	2.51E-07	3.16E-08	-5.76	7.8488481	-1.18E-02	172291295	172291418	NC_000002.11
cg24118715	2.51E-07	3.16E-08	-5.76	7.8486339	-6.07E-02	70232072	70232195	NC_000010.10
cg06768670	2.51E-07	3.16E-08	-5.76	7.8484353	-1.04E-01	143182662	143182785	NC_000008.10
cg04347867	2.51E-07	3.17E-08	-5.76	7.8472764	-2.24E-02	56965804	56965927	NC_000016.9
cg12709009	2.51E-07	3.17E-08	-5.76	7.8469507	-1.16E-01	170557582	170557705	NC_000006.11
cg27297318	2.52E-07	3.17E-08	-5.76	7.8456483	-9.81E-02	85320035	85320158	NC_000016.9
cg25863369	2.52E-07	3.17E-08	-5.76	7.8448693	-2.44E-02	78194236	78194359	NC_000017.10
cg24296397	2.52E-07	3.18E-08	-5.76	7.8441061	-1.17E-01	49692537	49692660	NC_000003.11
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cg21506059	2.53E-07	3.18E-08	-5.76	7.842363	-1.28E-02	65242309	65242432	NC_000017.10
cg23373626	2.53E-07	3.18E-08	-5.76	7.8421878	-4.51E-02	141031295	141031418	NC_000005.9
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cg04810377	2.53E-07	3.18E-08	-5.76	7.8419949	-2.79E-02	11761964	11762087	NC_000016.9
cg21908488	2.53E-07	3.18E-08	-5.76	7.8418971	-4.29E-02	17991580	17991703	NC_000017.10
cg20435125	2.53E-07	3.18E-08	-5.76	7.8417919	-9.60E-02	3563778	3563901	NC_000017.10
cg09297903	2.53E-07	3.19E-08	-5.76	7.8415163	-8.42E-02	42234798	42234921	NC_000008.10
cg14520901	2.53E-07	3.19E-08	-5.76	7.8407995	-2.55E-02	30228897	30229020	NC_000017.10
cg11888447	2.53E-07	3.19E-08	-5.76	7.8406748	-1.32E-01	55705596	55705719	NC_000005.9
cg22571065	2.53E-07	3.19E-08	-5.76	7.8395126	-9.27E-02	1949503	1949626	NC_000012.11
cg17117160	2.54E-07	3.20E-08	-5.76	7.8373034	-5.17E-02	26148737	26148860	NC_000008.10

cg07367469	2.54E-07	3.20E-08	-5.76	7.8371913	-7.31E-02	115988245	115988368	NC_000005.9
cg05198969	2.54E-07	3.20E-08	-5.76	7.8370846	-1.26E-01	142066128	142066251	NC_000005.9
cg03520938	2.54E-07	3.20E-08	-5.76	7.836449	-1.33E-01	21961713	21961836	NC_000008.10
cg03330558	2.54E-07	3.20E-08	-5.76	7.8358815	-1.13E-01	31516127	31516250	NC_000015.9
cg12568633	2.54E-07	3.20E-08	-5.76	7.835849	-4.29E-02	73533407	73533530	NC_000010.10
cg26137915	2.54E-07	3.20E-08	-5.76	7.8358348	-1.25E-01	69247337	69247460	NC_000014.8
cg13729043	2.54E-07	3.20E-08	-5.76	7.8356572	-5.42E-02	7141683	7141806	NC_000017.10
cg02679012	2.54E-07	3.21E-08	-5.76	7.8352188	-1.03E-01	773283	773406	NC_000017.10
cg04406020	2.54E-07	3.21E-08	-5.76	7.8348327	-3.42E-02	50270326	50270449	NC_000019.9
cg16012111	2.54E-07	3.21E-08	-5.76	7.8347243	-3.83E-02	35656758	35656881	NC_000006.11
cg11324999	2.55E-07	3.21E-08	-5.76	7.8341547	-5.88E-02	36582398	36582521	NC_000002.11
cg10651007	2.55E-07	3.21E-08	-5.76	7.8330912	-6.25E-02	7298519	7298642	NC_000017.10
cg24428232	2.55E-07	3.21E-08	-5.76	7.8330005	-1.09E-01	166124419	166124542	NC_000001.10
cg04075726	2.55E-07	3.21E-08	-5.76	7.8329438	-1.54E-01	69499425	69499548	NC_000002.11
cg22986084	2.55E-07	3.21E-08	-5.76	7.8327308	-3.37E-02	39901328	39901451	NC_000014.8
cg20203210	2.55E-07	3.22E-08	-5.76	7.8318929	-8.82E-02	56741047	56741170	NC_000013.10
cg05345876	2.55E-07	3.22E-08	-5.76	7.8308875	-1.02E-01	49733377	49733500	NC_000016.9
cg20895511	2.55E-07	3.22E-08	-5.76	7.8302697	-4.72E-02	2160055	2160178	NC_000011.9
cg13648088	2.56E-07	3.22E-08	-5.76	7.8299837	-1.80E-02	124768538	124768661	NC_000010.10
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cg10287113	2.56E-07	3.23E-08	-5.76	7.8277928	-9.30E-02	1733976	1734099	NC_000007.13
cg07049552	2.56E-07	3.23E-08	-5.76	7.8273908	-8.69E-02	30206076	30206199	NC_000016.9
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cg18013408	2.56E-07	3.24E-08	-5.76	7.826428	-1.98E-02	100487659	100487782	NC_000007.13

cg19823490	2.57E-07	3.24E-08	-5.76	7.8249128	-2.69E-02	1310815	1310938	NC_000001.10
cg13716585	2.57E-07	3.24E-08	-5.76	7.8241811	-1.65E-01	22917809	22917932	NC_000014.8
cg10239410	2.57E-07	3.25E-08	-5.76	7.8233507	-4.78E-02	235292449	235292572	NC_000001.10
cg05413451	2.57E-07	3.25E-08	-5.76	7.823159	-2.44E-02	57045111	57045234	NC_000001.10
cg08392591	2.57E-07	3.25E-08	-5.76	7.8231283	-1.49E-02	89556376	89556499	NC_000016.9
cg07134930	2.57E-07	3.25E-08	-5.76	7.8226829	-7.17E-02	240176050	240176173	NC_000002.11
cg22366350	2.58E-07	3.25E-08	-5.76	7.8219796	-1.22E-02	57082604	57082727	NC_000012.11
cg21214467	2.58E-07	3.25E-08	-5.76	7.8217547	-7.01E-02	55894758	55894881	NC_000019.9
cg18947276	2.58E-07	3.25E-08	-5.76	7.8214844	-9.32E-02	48795067	48795190	NC_000002.11
cg22266001	2.58E-07	3.25E-08	-5.76	7.8213284	-1.42E-01	35786932	35787055	NC_000019.9
cg22498453	2.58E-07	3.25E-08	-5.76	7.8210063	-1.09E-01	98805084	98805207	NC_000007.13
cg23634459	2.58E-07	3.25E-08	-5.76	7.8208934	-1.31E-02	73078858	73078981	NC_000010.10
cg20222911	2.58E-07	3.25E-08	-5.76	7.8207731	-4.52E-02	105886024	105886147	NC_000014.8
cg01663295	2.58E-07	3.25E-08	-5.76	7.8207385	-3.21E-02	65837194	65837317	NC_000011.9
cg12575313	2.58E-07	3.25E-08	-5.76	7.8207082	-1.54E-02	33765297	33765420	NC_000021.8
cg27618939	2.58E-07	3.26E-08	-5.76	7.8201498	-6.93E-02	71581788	71581911	NC_000008.10
cg09408902	2.58E-07	3.26E-08	-5.76	7.8199883	-1.04E-01	121338544	121338667	NC_000002.11
cg11594811	2.58E-07	3.26E-08	-5.76	7.8192623	-1.15E-01	115088660	115088783	NC_000011.9
cg02532488	2.58E-07	3.26E-08	-5.76	7.8187529	-3.27E-02	65343341	65343464	NC_000011.9
ch.12.2105166R	2.58E-07	3.26E-08	-5.76	7.8185395	-1.95E-02	106634130	106634253	NC_000012.11
cg19712813	2.59E-07	3.27E-08	-5.76	7.8169735	-1.30E-01	27322021	27322144	NC_000001.10
cg07510175	2.59E-07	3.27E-08	-5.76	7.8168476	-1.38E-01	1030700	1030823	NC_000007.13
cg00646216	2.59E-07	3.27E-08	-5.76	7.8160414	-1.17E-01	73210822	73210945	NC_000016.9
cg17159187	2.59E-07	3.27E-08	-5.76	7.8159719	-8.75E-02	144420118	144420241	NC_000008.10
cg11231958	2.59E-07	3.27E-08	-5.76	7.8159097	-7.90E-02	9509421	9509544	NC_000001.10

cg24518098	2.59E-07	3.27E-08	-5.76	7.815545	-1.00E-01	2146288	2146411	NC_000001.10
cg24415793	2.59E-07	3.27E-08	-5.76	7.8150535	-1.14E-01	51818433	51818556	NC_000012.11
cg12587954	2.59E-07	3.27E-08	-5.76	7.814821	-9.19E-02	200993200	200993323	NC_000001.10
cg00699947	2.59E-07	3.28E-08	-5.76	7.8144455	-4.42E-02	4592560	4592683	NC_000004.11
cg13186710	2.59E-07	3.28E-08	-5.76	7.8140695	-6.37E-02	96001627	96001750	NC_000014.8
cg04886157	2.60E-07	3.28E-08	-5.76	7.8137665	-5.77E-02	30380006	30380129	NC_000016.9
cg26713109	2.60E-07	3.28E-08	-5.76	7.8128667	-9.79E-02	754463	754586	NC_000017.10
cg02854288	2.60E-07	3.28E-08	-5.76	7.811773	-2.41E-02	61236911	61237034	NC_000003.11
cg15410528	2.60E-07	3.28E-08	-5.76	7.8116222	-6.21E-02	35617470	35617593	NC_000019.9
cg03929796	2.60E-07	3.29E-08	-5.76	7.8102333	-8.21E-02	52231840	52231963	NC_000003.11
cg09385972	2.61E-07	3.29E-08	-5.76	7.8090056	-8.51E-02	772568	772691	NC_000016.9
cg25036886	2.61E-07	3.29E-08	-5.76	7.8089935	-5.79E-02	10782863	10782986	NC_000004.11
cg18105612	2.61E-07	3.29E-08	-5.76	7.8088944	-5.39E-02	71289522	71289645	NC_000014.8
cg01651250	2.61E-07	3.30E-08	-5.76	7.80802	-1.16E-01	32060681	32060804	NC_000006.11
cg06099703	2.61E-07	3.30E-08	-5.76	7.8076423	-9.13E-02	2569920	2570043	NC_000016.9
cg16714273	2.61E-07	3.30E-08	-5.76	7.8075959	-1.07E-01	30455386	30455509	NC_000020.10
cg00433081	2.61E-07	3.30E-08	-5.76	7.8066022	-3.64E-02	179719502	179719625	NC_000005.9
cg17793059	2.61E-07	3.30E-08	-5.76	7.8065875	-7.18E-02	8428850	8428973	NC_000019.9
cg05346286	2.61E-07	3.30E-08	-5.76	7.8064612	-1.12E-01	2980598	2980721	NC_000001.10
cg23837253	2.61E-07	3.30E-08	-5.76	7.8061446	-2.53E-02	47759802	47759925	NC_000019.9
cg00331343	2.62E-07	3.30E-08	-5.76	7.8057499	-2.72E-02	136581031	136581154	NC_000003.11
cg15210526	2.62E-07	3.31E-08	-5.76	7.8052629	-1.04E-01	167733310	167733433	NC_000001.10
cg21849552	2.62E-07	3.31E-08	-5.76	7.8048354	-7.56E-02	14597650	14597773	NC_000003.11
cg05237436	2.62E-07	3.31E-08	-5.76	7.8047008	-7.02E-02	138533428	138533551	NC_000005.9
cg04940695	2.62E-07	3.31E-08	-5.75	7.8033478	-4.68E-02	110059611	110059734	NC_000006.11



cg18229107	2.62E-07	3.32E-08	-5.75	7.8023095	-3.08E-02	64854676	64854799	NC_000014.8
cg07202479	2.63E-07	3.32E-08	-5.75	7.8002152	-6.97E-02	159174162	159174285	NC_000001.10
cg04085447	2.63E-07	3.32E-08	-5.75	7.7998038	-7.80E-02	35773328	35773451	NC_000019.9
cg16581097	2.63E-07	3.33E-08	-5.75	7.799641	-6.08E-02	31204643	31204766	NC_000017.10
cg15927357	2.63E-07	3.33E-08	-5.75	7.7994354	-5.45E-02	47013900	47014023	NC_000018.9
cg01333788	2.63E-07	3.33E-08	-5.75	7.7984222	-1.17E-01	35220814	35220937	NC_000001.10
cg14706739	2.63E-07	3.33E-08	-5.75	7.7984212	-9.25E-02	21916355	21916478	NC_000008.10
cg06857094	2.63E-07	3.33E-08	-5.75	7.7981686	-7.73E-02	31762442	31762565	NC_000006.11
cg27406150	2.64E-07	3.34E-08	-5.75	7.7966722	-5.81E-02	6657167	6657290	NC_000012.11
cg24153044	2.64E-07	3.34E-08	-5.75	7.795753	-7.61E-02	6485201	6485324	NC_000001.10
ch.9.1470405F	2.64E-07	3.34E-08	-5.75	7.7950487	-1.97E-02	100842913	100843036	NC_000009.11
cg09565806	2.64E-07	3.34E-08	-5.75	7.7950291	-8.34E-02	198492976	198493099	NC_000002.11
cg26904212	2.65E-07	3.35E-08	-5.75	7.7934745	-1.76E-02	7517697	7517820	NC_000017.10
cg13587725	2.65E-07	3.35E-08	-5.75	7.7931471	-1.11E-01	63320399	63320522	NC_000011.9
cg13654276	2.65E-07	3.35E-08	-5.75	7.7918481	-3.41E-02	113666360	113666483	NC_000003.11
cg09932439	2.65E-07	3.35E-08	-5.75	7.7917177	-2.24E-02	44645532	44645655	NC_000019.9
cg05385623	2.65E-07	3.35E-08	-5.75	7.7914142	-1.59E-02	57994101	57994224	NC_000003.11
cg17740822	2.65E-07	3.35E-08	-5.75	7.7910978	-8.93E-02	89744609	89744732	NC_000012.11
cg05024715	2.65E-07	3.35E-08	-5.75	7.791013	-1.27E-01	123849197	123849320	NC_000011.9
cg03675083	2.65E-07	3.35E-08	-5.75	7.7909729	-6.17E-02	194064806	194064929	NC_000003.11
cg12654519	2.65E-07	3.36E-08	-5.75	7.7904525	-9.49E-02	148715234	148715357	NC_000004.11
cg19238380	2.66E-07	3.36E-08	-5.75	7.7890731	-8.85E-02	156093948	156094071	NC_000001.10
cg04878973	2.66E-07	3.36E-08	-5.75	7.7889947	-5.20E-02	49057761	49057884	NC_000003.11
cg11069470	2.66E-07	3.37E-08	-5.75	7.7880276	-9.63E-02	149388394	149388517	NC_000007.13
cg14485643	2.66E-07	3.37E-08	-5.75	7.7877648	-1.16E-01	134484581	134484704	NC_000009.11

cg00034039	2.66E-07	3.37E-08	-5.75	7.7875986	-1.90E-02	74526266	74526389	NC_000009.11
cg24513684	2.66E-07	3.37E-08	-5.75	7.7869843	-4.83E-02	227922309	227922432	NC_000001.10
cg16162391	2.66E-07	3.37E-08	-5.75	7.7869774	-8.37E-02	29698368	29698491	NC_000010.10
cg15840949	2.66E-07	3.37E-08	-5.75	7.7868681	-7.27E-02	99443666	99443789	NC_000015.9
cg25813290	2.66E-07	3.37E-08	-5.75	7.7865222	-1.25E-01	108767676	108767799	NC_000007.13
cg27547053	2.67E-07	3.37E-08	-5.75	7.7853653	-5.67E-02	56531471	56531594	NC_000001.10
cg26083045	2.67E-07	3.38E-08	-5.75	7.7850491	-6.95E-02	8560168	8560291	NC_000003.11
cg08215115	2.67E-07	3.38E-08	-5.75	7.7847322	-1.10E-01	51039609	51039732	NC_000010.10
cg09285683	2.67E-07	3.38E-08	-5.75	7.7843877	-1.14E-01	216691985	216692108	NC_000002.11
cg02022488	2.67E-07	3.38E-08	-5.75	7.7840879	-9.03E-02	102702045	102702168	NC_000014.8
cg25076325	2.67E-07	3.38E-08	-5.75	7.7838754	-1.18E-01	118135407	118135530	NC_000011.9
cg12128340	2.67E-07	3.38E-08	-5.75	7.7833496	-1.36E-01	165203646	165203769	NC_000001.10
cg08270053	2.67E-07	3.38E-08	-5.75	7.7831148	-2.59E-02	150336619	150336742	NC_000001.10
cg21769093	2.67E-07	3.39E-08	-5.75	7.782182	-1.39E-01	49819689	49819812	NC_000007.13
cg20445197	2.67E-07	3.39E-08	-5.75	7.7821761	-1.08E-01	72057817	72057940	NC_000002.11
cg21763482	2.68E-07	3.39E-08	-5.75	7.781994	-9.82E-02	573298	573421	NC_000005.9
cg16604086	2.68E-07	3.39E-08	-5.75	7.7817725	-5.22E-02	113860443	113860566	NC_000012.11
cg19934686	2.68E-07	3.39E-08	-5.75	7.7816645	-1.14E-02	99588657	99588780	NC_000007.13
cg15635728	2.68E-07	3.39E-08	-5.75	7.7814911	-3.03E-02	56152354	56152477	NC_000019.9
cg05702851	2.68E-07	3.39E-08	-5.75	7.7809357	-8.12E-03	110481083	110481206	NC_000004.11
cg04612488	2.68E-07	3.39E-08	-5.75	7.7806777	-1.29E-02	8113907	8114030	NC_000017.10
cg15685922	2.68E-07	3.39E-08	-5.75	7.7800203	-7.64E-02	156045208	156045331	NC_000001.10
cg00388287	2.68E-07	3.39E-08	-5.75	7.7799852	-1.34E-01	23358444	23358567	NC_000002.11
cg02865595	2.68E-07	3.39E-08	-5.75	7.7798174	-9.86E-02	36771714	36771837	NC_000001.10
cg11450671	2.68E-07	3.40E-08	-5.75	7.7792269	-7.85E-02	595812	595935	NC_000019.9

cg01618530	2.68E-07	3.40E-08	-5.75	7.7786793	-2.34E-02	54755981	54756104	NC_000008.10
cg04758026	2.69E-07	3.40E-08	-5.75	7.7777758	-1.04E-01	152159591	152159714	NC_000002.11
cg01768328	2.69E-07	3.40E-08	-5.75	7.7776001	-7.20E-02	1634018	1634141	NC_000017.10
ch.13.33087556F	2.69E-07	3.40E-08	-5.75	7.7766255	-1.24E-02	34189558	34189681	NC_000013.10
cg26995244	2.69E-07	3.41E-08	-5.75	7.7758705	-1.05E-01	45125395	45125518	NC_000022.10
cg19460095	2.69E-07	3.41E-08	-5.75	7.7758596	-1.21E-01	34672025	34672148	NC_000011.9
cg00686046	2.69E-07	3.41E-08	-5.75	7.7756693	-1.13E-02	31126799	31126922	NC_000006.11
cg21281799	2.69E-07	3.41E-08	-5.75	7.7754041	-1.38E-01	68041322	68041445	NC_000012.11
cg07665115	2.69E-07	3.41E-08	-5.75	7.7751813	-1.10E-01	133062851	133062974	NC_000008.10
cg13963315	2.70E-07	3.42E-08	-5.75	7.7729766	-4.42E-02	4208278	4208401	NC_000011.9
cg24348107	2.70E-07	3.42E-08	-5.75	7.7728391	-3.25E-02	52082575	52082698	NC_000001.10
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cg07554053	2.70E-07	3.42E-08	-5.75	7.7709853	-1.18E-01	44885910	44886033	NC_000010.10
cg22130673	2.71E-07	3.43E-08	-5.75	7.7699129	-1.05E-01	114031817	114031940	NC_000011.9
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cg07425824	2.71E-07	3.43E-08	-5.75	7.7697753	-1.12E-01	69451547	69451670	NC_000016.9
cg26710371	2.71E-07	3.43E-08	-5.75	7.7695177	-1.06E-01	36234215	36234338	NC_000011.9
cg26781482	2.71E-07	3.43E-08	-5.75	7.7691999	-5.46E-02	45353344	45353467	NC_000010.10
cg27319971	2.71E-07	3.43E-08	-5.75	7.7685926	-1.29E-01	3255056	3255179	NC_000004.11
cg16239218	2.71E-07	3.44E-08	-5.75	7.7679238	-1.17E-01	117715809	117715932	NC_000010.10
cg08528000	2.72E-07	3.44E-08	-5.75	7.7652527	-5.69E-02	198224330	198224453	NC_000001.10
cg19530551	2.72E-07	3.44E-08	-5.75	7.7652356	-1.57E-02	19051190	19051313	NC_000019.9
cg12593511	2.72E-07	3.45E-08	-5.75	7.765163	-1.52E-01	3276753	3276876	NC_000001.10
cg04215126	2.72E-07	3.45E-08	-5.75	7.7650461	-8.86E-02	105621846	105621969	NC_000007.13

cg01373691	2.72E-07	3.45E-08	-5.75	7.7649789	-4.32E-02	71917765	71917888	NC_000016.9
cg10096040	2.72E-07	3.45E-08	-5.75	7.7635466	-7.94E-02	100504533	100504656	NC_000014.8
cg08345082	2.73E-07	3.45E-08	-5.75	7.7624155	-5.94E-02	99160200	99160323	NC_000010.10
cg09307468	2.73E-07	3.46E-08	-5.75	7.7616507	-7.53E-02	144386093	144386216	NC_000006.11
cg21562750	2.73E-07	3.46E-08	-5.75	7.7602225	-8.49E-02	92689433	92689556	NC_000012.11
cg24944395	2.73E-07	3.46E-08	-5.75	7.7600825	-4.34E-02	7166718	7166841	NC_000017.10
cg04882727	2.73E-07	3.47E-08	-5.75	7.7589612	-2.76E-02	126442299	126442422	NC_000008.10
cg10222701	2.74E-07	3.47E-08	-5.75	7.7584519	-5.79E-02	53466355	53466478	NC_000019.9
cg17546721	2.74E-07	3.47E-08	-5.75	7.7580426	-9.26E-02	30646532	30646655	NC_000003.11
cg26372612	2.74E-07	3.47E-08	-5.75	7.7579313	-2.17E-02	50330167	50330290	NC_000003.11
cg00153101	2.74E-07	3.47E-08	-5.75	7.7575667	-9.86E-02	2431753	2431876	NC_000001.10
cg17488985	2.74E-07	3.47E-08	-5.75	7.7572566	-1.88E-02	86159426	86159549	NC_000006.11
cg18975130	2.74E-07	3.47E-08	-5.75	7.7568198	-1.29E-01	94238749	94238872	NC_000008.10
cg26118643	2.74E-07	3.48E-08	-5.75	7.7564139	-1.08E-01	8009079	8009202	NC_000001.10
cg25525379	2.74E-07	3.48E-08	-5.75	7.7560259	-8.58E-02	40550473	40550596	NC_000015.9
cg01176363	2.74E-07	3.48E-08	-5.75	7.7550898	-1.00E-01	62369445	62369568	NC_000020.10
cg23439458	2.74E-07	3.48E-08	-5.74	7.7548889	-2.72E-02	40174327	40174450	NC_000007.13
cg13739485	2.75E-07	3.49E-08	-5.74	7.7538961	-6.91E-02	136392285	136392408	NC_000009.11
cg03216867	2.75E-07	3.49E-08	-5.74	7.7536284	-7.85E-02	8275039	8275162	NC_000004.11
cg16553500	2.75E-07	3.49E-08	-5.74	7.7521513	-6.74E-02	32169868	32169991	NC_000001.10
cg27559870	2.75E-07	3.49E-08	-5.74	7.7519923	-3.78E-02	31380976	31381099	NC_000001.10
cg00395063	2.75E-07	3.49E-08	-5.74	7.7516031	-6.63E-02	120210293	120210416	NC_000011.9
cg12438430	2.75E-07	3.49E-08	-5.74	7.7514192	-9.40E-02	1507896	1508019	NC_000010.10
cg27109912	2.76E-07	3.50E-08	-5.74	7.750132	-9.66E-02	38707719	38707842	NC_000017.10
cg27553708	2.76E-07	3.50E-08	-5.74	7.7494435	-3.08E-02	102036326	102036449	NC_000007.13

cg15395345	2.76E-07	3.51E-08	-5.74	7.747472	-7.21E-02	6946366	6946489	NC_000008.10
cg13656025	2.77E-07	3.51E-08	-5.74	7.7468996	-2.63E-02	7744978	7745101	NC_000017.10
cg11740103	2.77E-07	3.51E-08	-5.74	7.7465786	-5.93E-02	150020945	150021068	NC_000007.13
ch.7.1100907F	2.77E-07	3.51E-08	-5.74	7.7464033	-2.88E-02	47388000	47388123	NC_000007.13
cg04013090	2.77E-07	3.51E-08	-5.74	7.7463436	-3.49E-02	67342485	67342608	NC_000008.10
cg07716249	2.77E-07	3.51E-08	-5.74	7.7459507	-4.90E-02	133428422	133428545	NC_000002.11
cg10653339	2.77E-07	3.51E-08	-5.74	7.7458872	-9.28E-02	43463490	43463613	NC_000006.11
cg00352349	2.77E-07	3.51E-08	-5.74	7.7458309	-1.62E-02	179316347	179316470	NC_000002.11
cg20973743	2.77E-07	3.51E-08	-5.74	7.7457338	-3.89E-02	49447782	49447905	NC_000015.9
cg27077143	2.77E-07	3.52E-08	-5.74	7.7451241	-5.97E-02	68666458	68666581	NC_000005.9
cg03625953	2.77E-07	3.52E-08	-5.74	7.7447326	-9.13E-02	1975218	1975341	NC_000017.10
cg15637191	2.77E-07	3.52E-08	-5.74	7.7444334	-4.24E-02	38020667	38020790	NC_000017.10
cg25350635	2.78E-07	3.52E-08	-5.74	7.743338	-3.58E-02	49182847	49182970	NC_000012.11
cg08737116	2.78E-07	3.52E-08	-5.74	7.7432762	-8.15E-02	116563487	116563610	NC_000001.10
cg15923947	2.78E-07	3.53E-08	-5.74	7.7427788	-8.18E-02	2461929	2462052	NC_000001.10
cg09132619	2.78E-07	3.53E-08	-5.74	7.7423527	-1.11E-01	16576166	16576289	NC_000006.11
cg15108060	2.78E-07	3.53E-08	-5.74	7.741822	-9.61E-02	48974707	48974830	NC_000013.10
cg22367678	2.78E-07	3.53E-08	-5.74	7.7417926	-4.87E-02	33077705	33077828	NC_000001.10
cg09845093	2.78E-07	3.53E-08	-5.74	7.7417429	-1.00E-01	56424393	56424516	NC_000001.10
cg02983911	2.78E-07	3.53E-08	-5.74	7.7416282	-1.69E-01	36932397	36932520	NC_000020.10
cg12871463	2.78E-07	3.53E-08	-5.74	7.7409683	-7.80E-02	39680662	39680785	NC_000017.10
cg06814792	2.78E-07	3.53E-08	-5.74	7.7407919	-9.20E-02	120174570	120174693	NC_000001.10
cg01329005	2.79E-07	3.54E-08	-5.74	7.73918	-1.78E-01	17516712	17516835	NC_000019.9
cg01142721	2.79E-07	3.55E-08	-5.74	7.7365564	-8.83E-02	85985448	85985571	NC_000010.10
cg20765267	2.79E-07	3.55E-08	-5.74	7.7363067	-3.36E-02	104428676	104428799	NC_000008.10

cg24994755	2.79E-07	3.55E-08	-5.74	7.7360779	-7.92E-02	44878479	44878602	NC_000021.8
cg22051146	2.79E-07	3.55E-08	-5.74	7.7359967	-1.44E-01	177895047	177895170	NC_000005.9
cg22892373	2.80E-07	3.56E-08	-5.74	7.7344427	-5.08E-02	45262260	45262383	NC_000017.10
cg20734154	2.80E-07	3.56E-08	-5.74	7.7344362	-2.51E-02	128865266	128865389	NC_000007.13
cg05780543	2.80E-07	3.56E-08	-5.74	7.7341931	-5.60E-02	46963764	46963887	NC_000016.9
cg08657886	2.80E-07	3.56E-08	-5.74	7.7334101	-7.07E-02	16295868	16295991	NC_000019.9
cg10071035	2.80E-07	3.56E-08	-5.74	7.7333536	-1.47E-01	58132287	58132410	NC_000008.10
cg08152263	2.80E-07	3.56E-08	-5.74	7.7327902	-1.17E-01	35795274	35795397	NC_000022.10
ch.22.38010425R	2.80E-07	3.56E-08	-5.74	7.7327682	-1.72E-02	39680479	39680602	NC_000022.10
cg14133064	2.80E-07	3.56E-08	-5.74	7.7323941	-9.86E-02	5530115	5530238	NC_000009.11
cg04543901	2.81E-07	3.57E-08	-5.74	7.7316783	-1.43E-01	63519783	63519906	NC_000017.10
cg14219124	2.81E-07	3.57E-08	-5.74	7.7315984	-1.67E-01	129992297	129992420	NC_000011.9
cg19681842	2.81E-07	3.57E-08	-5.74	7.7313595	-8.81E-02	93672832	93672955	NC_000014.8
cg08069287	2.81E-07	3.57E-08	-5.74	7.7299975	-1.32E-01	72868833	72868956	NC_000011.9
cg06540458	2.81E-07	3.57E-08	-5.74	7.7296842	-1.21E-01	226951747	226951870	NC_000001.10
cg24950222	2.81E-07	3.57E-08	-5.74	7.7295632	-7.31E-02	43969886	43970009	NC_000019.9
cg21182322	2.81E-07	3.57E-08	-5.74	7.7295139	-1.32E-02	167189623	167189746	NC_000001.10
cg20887396	2.81E-07	3.57E-08	-5.74	7.7294799	-9.35E-02	79131943	79132066	NC_000017.10
cg25303336	2.81E-07	3.57E-08	-5.74	7.7291091	-2.11E-02	33756862	33756985	NC_000006.11
cg15033140	2.81E-07	3.57E-08	-5.74	7.7291006	-9.63E-02	170411909	170412032	NC_000006.11
cg12100791	2.82E-07	3.58E-08	-5.74	7.7281951	-1.72E-01	31214417	31214540	NC_000016.9
cg03420580	2.82E-07	3.58E-08	-5.74	7.7281276	-1.03E-01	30730226	30730349	NC_000003.11
cg13965612	2.82E-07	3.58E-08	-5.74	7.7280799	-8.54E-02	10928696	10928819	NC_000019.9
cg16745616	2.82E-07	3.58E-08	-5.74	7.7279512	-1.19E-01	8428856	8428979	NC_000019.9
cg12223997	2.82E-07	3.58E-08	-5.74	7.727922	-7.40E-02	9159596	9159719	NC_000011.9

cg21818252	2.82E-07	3.58E-08	-5.74	7.7272297	-5.15E-02	110354354	110354477	NC_000004.11
cg22603450	2.82E-07	3.58E-08	-5.74	7.7271014	-9.93E-02	551536	551659	NC_000019.9
cg26017408	2.82E-07	3.58E-08	-5.74	7.7269817	-7.52E-02	116161327	116161450	NC_000010.10
cg13167431	2.82E-07	3.59E-08	-5.74	7.7261582	-1.05E-01	26988419	26988542	NC_000022.10
cg15070507	2.82E-07	3.59E-08	-5.74	7.7250955	-2.55E-02	45663129	45663252	NC_000018.9
cg13521229	2.83E-07	3.59E-08	-5.74	7.7242037	-9.64E-02	51013630	51013753	NC_000019.9
ch.21.17404405R	2.83E-07	3.60E-08	-5.74	7.7233429	-3.15E-02	18482534	18482657	NC_000021.8
cg22686066	2.83E-07	3.60E-08	-5.74	7.7232363	-1.94E-02	60641183	60641306	NC_000020.10
cg19685205	2.83E-07	3.60E-08	-5.74	7.72198	-1.10E-01	8672038	8672161	NC_000012.11
cg03135127	2.83E-07	3.60E-08	-5.74	7.7213166	-2.92E-02	13227421	13227544	NC_000019.9
cg24863152	2.83E-07	3.60E-08	-5.74	7.7211049	-7.31E-02	151134876	151134999	NC_000006.11
cg18528640	2.84E-07	3.61E-08	-5.74	7.7202745	-8.76E-02	155579964	155580087	NC_000001.10
cg20376082	2.84E-07	3.61E-08	-5.74	7.7199569	-8.98E-02	1229932	1230055	NC_000011.9
cg01213599	2.84E-07	3.61E-08	-5.74	7.7197871	-9.03E-02	126704259	126704382	NC_000010.10
cg27659622	2.84E-07	3.61E-08	-5.74	7.7193114	-1.34E-01	108145539	108145662	NC_000006.11
cg12454161	2.84E-07	3.62E-08	-5.74	7.7180699	-8.66E-02	876551	876674	NC_000001.10
cg08397927	2.84E-07	3.62E-08	-5.74	7.7180317	-8.70E-02	41104408	41104531	NC_000019.9
cg14164816	2.84E-07	3.62E-08	-5.74	7.717653	-1.08E-01	91483823	91483946	NC_000001.10
cg27161463	2.85E-07	3.62E-08	-5.74	7.7165034	-3.24E-02	118123074	118123197	NC_000011.9
cg12949461	2.85E-07	3.62E-08	-5.74	7.7162301	-5.01E-02	33872364	33872487	NC_000006.11
cg20386586	2.85E-07	3.62E-08	-5.74	7.7156171	-5.13E-02	3449692	3449815	NC_000018.9
cg14039237	2.85E-07	3.63E-08	-5.74	7.7154772	-1.23E-01	130833354	130833477	NC_000009.11
cg25283121	2.85E-07	3.63E-08	-5.74	7.7151261	-1.50E-01	132904540	132904663	NC_000012.11
cg24879560	2.85E-07	3.63E-08	-5.74	7.7144722	-1.16E-01	65342971	65343094	NC_000003.11
cg13263483	2.85E-07	3.63E-08	-5.74	7.7143242	-1.71E-02	35247084	35247207	NC_000001.10

cg20378002	2.85E-07	3.63E-08	-5.74	7.7142667	-5.32E-02	8477029	8477152	NC_000007.13
ch.1.131529R	2.85E-07	3.63E-08	-5.74	7.7142631	-3.73E-02	3283394	3283517	NC_000001.10
cg03742642	2.86E-07	3.64E-08	-5.74	7.7122547	-5.45E-02	133354143	133354266	NC_000012.11
cg02183903	2.86E-07	3.64E-08	-5.74	7.7113651	-2.76E-02	37557857	37557980	NC_000008.10
cg06351965	2.86E-07	3.64E-08	-5.74	7.7103121	-1.14E-02	23690351	23690474	NC_000016.9
cg17849542	2.86E-07	3.65E-08	-5.74	7.7100128	-8.96E-02	2266228	2266351	NC_000001.10
cg20156793	2.86E-07	3.65E-08	-5.74	7.7099507	-8.22E-02	89768575	89768698	NC_000012.11
cg04287375	2.87E-07	3.65E-08	-5.74	7.7093609	-3.31E-02	102490920	102491043	NC_000010.10
cg01816186	2.87E-07	3.66E-08	-5.74	7.7073036	-1.10E-01	15310191	15310314	NC_000002.11
cg26599274	2.87E-07	3.66E-08	-5.74	7.7069186	-1.18E-02	66205733	66205856	NC_000007.13
cg09533293	2.87E-07	3.66E-08	-5.74	7.7067981	-4.00E-02	60689670	60689793	NC_000015.9
cg17786598	2.87E-07	3.66E-08	-5.74	7.7066884	-2.97E-02	134957547	134957670	NC_000010.10
cg01728507	2.87E-07	3.66E-08	-5.74	7.7065838	-8.11E-02	3563357	3563480	NC_000004.11
cg08942342	2.87E-07	3.66E-08	-5.74	7.7060927	-8.24E-02	177580211	177580334	NC_000005.9
cg08603829	2.88E-07	3.66E-08	-5.73	7.7056274	-1.03E-01	111409769	111409892	NC_000011.9
cg04731624	2.88E-07	3.66E-08	-5.73	7.7055227	-1.08E-01	171067585	171067708	NC_000005.9
cg06807915	2.88E-07	3.67E-08	-5.73	7.7047561	-1.07E-01	103040379	103040502	NC_000010.10
cg14787880	2.88E-07	3.67E-08	-5.73	7.7046412	-1.40E-01	203244123	203244246	NC_000002.11
cg15015426	2.88E-07	3.67E-08	-5.73	7.7038365	-1.09E-01	159506559	159506682	NC_000001.10
cg11056766	2.88E-07	3.67E-08	-5.73	7.703359	-9.55E-02	1230072	1230195	NC_000011.9
cg05120944	2.88E-07	3.67E-08	-5.73	7.7033152	-7.79E-02	54090254	54090377	NC_000012.11
cg14283802	2.89E-07	3.68E-08	-5.73	7.7013871	-1.27E-01	87684132	87684255	NC_000008.10
cg14417896	2.89E-07	3.68E-08	-5.73	7.7012633	-1.12E-01	70087153	70087276	NC_000015.9
cg23089425	2.89E-07	3.68E-08	-5.73	7.7012565	-8.30E-02	19034837	19034960	NC_000008.10
cg07562458	2.89E-07	3.68E-08	-5.73	7.7011652	-4.60E-02	224622430	224622553	NC_000001.10



cg04245374	2.89E-07	3.68E-08	-5.73	7.700361	-7.41E-02	168150977	168151100	NC_000001.10
cg16755220	2.89E-07	3.68E-08	-5.73	7.699817	-4.12E-02	12070685	12070808	NC_000016.9
cg24827726	2.90E-07	3.69E-08	-5.73	7.6986415	-9.69E-02	14581937	14582060	NC_000003.11
cg24071057	2.90E-07	3.69E-08	-5.73	7.6971389	-6.59E-02	40873344	40873467	NC_000017.10
cg15448726	2.90E-07	3.70E-08	-5.73	7.6968724	-4.87E-02	53273497	53273620	NC_000012.11
cg04808985	2.91E-07	3.71E-08	-5.73	7.6939452	-1.02E-01	72301924	72302047	NC_000011.9
cg10364881	2.91E-07	3.71E-08	-5.73	7.6939043	-7.11E-02	12010020	12010143	NC_000011.9
cg20775109	2.91E-07	3.71E-08	-5.73	7.6937672	-1.00E-01	168358086	168358209	NC_000006.11
cg24262715	2.91E-07	3.71E-08	-5.73	7.6936009	-6.35E-02	44038991	44039114	NC_000015.9
cg20994227	2.91E-07	3.71E-08	-5.73	7.6928397	-4.51E-02	106807175	106807298	NC_000008.10
cg25720264	2.91E-07	3.71E-08	-5.73	7.692436	-8.72E-02	19389751	19389874	NC_000012.11
cg00730857	2.91E-07	3.72E-08	-5.73	7.6916427	-1.20E-01	1994281	1994404	NC_000004.11
cg09533845	2.91E-07	3.72E-08	-5.73	7.6915859	-1.30E-01	81290007	81290130	NC_000008.10
cg22449745	2.92E-07	3.72E-08	-5.73	7.6911891	-7.74E-02	38156939	38157062	NC_000001.10
cg08340482	2.92E-07	3.72E-08	-5.73	7.6909941	-1.08E-01	49927244	49927367	NC_000019.9
cg03407184	2.92E-07	3.72E-08	-5.73	7.6909764	-6.62E-02	70881475	70881598	NC_000003.11
cg07423540	2.92E-07	3.72E-08	-5.73	7.6901538	-4.85E-02	8442223	8442346	NC_000004.11
cg21503377	2.92E-07	3.72E-08	-5.73	7.6899648	-3.52E-02	228871665	228871788	NC_000001.10
cg17504641	2.92E-07	3.72E-08	-5.73	7.6892385	-8.74E-02	44458167	44458290	NC_000010.10
cg20834966	2.93E-07	3.73E-08	-5.73	7.6873677	-5.96E-02	82811301	82811424	NC_000006.11
cg01761968	2.93E-07	3.73E-08	-5.73	7.6871288	-8.01E-02	130824831	130824954	NC_000012.11
cg26039954	2.93E-07	3.73E-08	-5.73	7.6869801	-5.79E-02	16220025	16220148	NC_000001.10
cg22544673	2.93E-07	3.73E-08	-5.73	7.686682	-5.10E-02	48088150	48088273	NC_000021.8
cg14453145	2.93E-07	3.74E-08	-5.73	7.6860216	-1.29E-01	242801896	242802019	NC_000002.11
cg05459971	2.93E-07	3.74E-08	-5.73	7.6858053	-1.15E-01	148520894	148521017	NC_000005.9

cg08977790	2.93E-07	3.74E-08	-5.73	7.6846705	-1.05E-01	48633441	48633564	NC_000003.11
cg20385001	2.93E-07	3.74E-08	-5.73	7.6845107	-8.47E-02	102077114	102077237	NC_000015.9
cg09915232	2.94E-07	3.74E-08	-5.73	7.684312	-1.14E-01	1879280	1879403	NC_000008.10
cg02157052	2.94E-07	3.74E-08	-5.73	7.684258	-4.00E-02	101326091	101326214	NC_000013.10
cg15241236	2.94E-07	3.75E-08	-5.73	7.6821253	-9.69E-02	69355417	69355540	NC_000008.10
cg24294950	2.94E-07	3.75E-08	-5.73	7.6817908	-8.09E-02	126752911	126753034	NC_000007.13
cg08837676	2.94E-07	3.75E-08	-5.73	7.6816501	-7.76E-02	191625074	191625197	NC_000002.11
cg03020208	2.94E-07	3.75E-08	-5.73	7.6816284	-7.26E-02	50354962	50355085	NC_000012.11
cg25456144	2.95E-07	3.76E-08	-5.73	7.6800871	-1.21E-01	44629374	44629497	NC_000011.9
cg25326378	2.95E-07	3.76E-08	-5.73	7.6792597	-1.00E-01	137910553	137910676	NC_000006.11
cg04484075	2.95E-07	3.76E-08	-5.73	7.6789871	-8.90E-02	139159559	139159682	NC_000009.11
cg12867156	2.95E-07	3.77E-08	-5.73	7.6786036	-1.05E-01	4218211	4218334	NC_000007.13
cg07561552	2.95E-07	3.77E-08	-5.73	7.6777304	-6.72E-02	45884065	45884188	NC_000003.11
cg02061229	2.96E-07	3.77E-08	-5.73	7.6771815	-1.05E-01	102651208	102651331	NC_000011.9
cg12356873	2.96E-07	3.77E-08	-5.73	7.6770304	-4.32E-02	67835423	67835546	NC_000015.9
cg15293759	2.96E-07	3.77E-08	-5.73	7.6769512	-9.42E-02	86040024	86040147	NC_000010.10
cg16597172	2.96E-07	3.77E-08	-5.73	7.6769249	-1.44E-02	16080669	16080792	NC_000002.11
cg00086710	2.96E-07	3.78E-08	-5.73	7.6745819	-9.54E-02	89204074	89204197	NC_000004.11
cg16045390	2.96E-07	3.78E-08	-5.73	7.6744417	-6.06E-02	37896620	37896743	NC_000017.10
cg04658679	2.96E-07	3.78E-08	-5.73	7.6741103	-1.10E-01	125185923	125186046	NC_000012.11
cg18073357	2.96E-07	3.78E-08	-5.73	7.6739045	-1.81E-02	185458522	185458645	NC_000004.11
ch.15.64945366R	2.97E-07	3.79E-08	-5.73	7.6726041	-5.41E-02	67158312	67158435	NC_000015.9
cg15835542	2.97E-07	3.79E-08	-5.73	7.6719139	-1.31E-01	45709808	45709931	NC_000006.11
cg13963210	2.97E-07	3.80E-08	-5.73	7.6706954	-1.14E-01	100510201	100510324	NC_000009.11
cg10983056	2.97E-07	3.80E-08	-5.73	7.6703984	-2.68E-02	113344077	113344200	NC_000013.10

cg07601967	2.98E-07	3.80E-08	-5.73	7.6700968	-7.25E-02	9590805	9590928	NC_000020.10
cg22352186	2.98E-07	3.80E-08	-5.73	7.6698462	-2.91E-02	1722180	1722303	NC_000004.11
cg24403804	2.98E-07	3.80E-08	-5.73	7.6692067	-9.64E-02	16805426	16805549	NC_000006.11
cg11373252	2.98E-07	3.80E-08	-5.73	7.6688099	-7.97E-02	219938304	219938427	NC_000002.11
cg24174988	2.98E-07	3.81E-08	-5.73	7.667789	-5.09E-02	92545662	92545785	NC_000001.10
cg06744057	2.98E-07	3.81E-08	-5.73	7.6674786	-4.79E-02	73493715	73493838	NC_000014.8
ch.14.1755952R	2.98E-07	3.81E-08	-5.73	7.6673874	-1.38E-02	102483986	102484109	NC_000014.8
cg26932693	2.98E-07	3.81E-08	-5.73	7.666733	-3.60E-02	46152449	46152572	NC_000017.10
cg26161104	2.99E-07	3.81E-08	-5.73	7.6666587	-7.12E-02	131959253	131959376	NC_000012.11
cg23562023	2.99E-07	3.81E-08	-5.73	7.6664145	-7.47E-02	24429162	24429285	NC_000006.11
cg23387220	2.99E-07	3.81E-08	-5.73	7.6663781	-3.65E-02	53578496	53578619	NC_000004.11
cg19318218	2.99E-07	3.82E-08	-5.73	7.6650983	-8.40E-02	1317608	1317731	NC_000004.11
cg02388999	2.99E-07	3.82E-08	-5.73	7.6644439	-3.82E-02	131384671	131384794	NC_000006.11
cg09178384	2.99E-07	3.82E-08	-5.73	7.6640974	-1.10E-01	170193375	170193498	NC_000004.11
cg14777161	2.99E-07	3.82E-08	-5.73	7.6636887	-6.03E-02	180689277	180689400	NC_000005.9
cg18199554	2.99E-07	3.82E-08	-5.73	7.6632731	-1.35E-01	43397288	43397411	NC_000005.9
cg02971581	3.00E-07	3.83E-08	-5.73	7.6627653	-1.43E-01	10895950	10896073	NC_000001.10
cg22225685	3.00E-07	3.83E-08	-5.73	7.6620364	-6.41E-02	38203998	38204121	NC_000022.10
cg20380768	3.00E-07	3.84E-08	-5.73	7.660695	-1.32E-01	130125511	130125634	NC_000007.13
ch.6.66830957F	3.00E-07	3.84E-08	-5.73	7.6606644	-2.58E-02	66774236	66774359	NC_000006.11
cg01356463	3.00E-07	3.84E-08	-5.73	7.6606339	-2.97E-02	112280204	112280327	NC_000012.11
cg12656272	3.00E-07	3.84E-08	-5.73	7.6599953	-1.48E-01	100328186	100328309	NC_000003.11
cg21554013	3.00E-07	3.84E-08	-5.73	7.6597744	-2.94E-02	43138521	43138644	NC_000017.10
cg11404058	3.01E-07	3.84E-08	-5.73	7.659513	-2.28E-02	14011843	14011966	NC_000005.9
cg16697620	3.01E-07	3.84E-08	-5.73	7.6582997	-8.32E-02	32092196	32092319	NC_000001.10

cg09549240	3.01E-07	3.85E-08	-5.73	7.6581278	-3.35E-02	75250560	75250683	NC_000015.9
cg02196655	3.01E-07	3.85E-08	-5.73	7.6579972	-1.04E-01	10830764	10830887	NC_000002.11
cg04132983	3.01E-07	3.85E-08	-5.73	7.6579811	-6.48E-02	79632620	79632743	NC_000016.9
cg09701062	3.01E-07	3.85E-08	-5.73	7.6579063	-9.69E-02	133446318	133446441	NC_000005.9
cg01018864	3.01E-07	3.85E-08	-5.73	7.6572469	-9.38E-02	96158915	96159038	NC_000014.8
cg09558281	3.01E-07	3.85E-08	-5.73	7.6572261	-7.20E-02	27102927	27103050	NC_000004.11
cg01759672	3.02E-07	3.85E-08	-5.72	7.6561738	-5.64E-02	137593418	137593541	NC_000005.9
cg20404336	3.02E-07	3.85E-08	-5.72	7.6557532	-7.49E-02	133757909	133758032	NC_000012.11
cg00550955	3.02E-07	3.86E-08	-5.72	7.6551801	-1.07E-01	22012657	22012780	NC_000022.10
cg03185752	3.02E-07	3.86E-08	-5.72	7.6545611	-3.99E-02	954631	954754	NC_000001.10
cg20227763	3.02E-07	3.86E-08	-5.72	7.6543771	-3.17E-02	151763931	151764054	NC_000001.10
cg05798972	3.02E-07	3.86E-08	-5.72	7.653815	-1.95E-02	37607105	37607228	NC_000017.10
cg04752812	3.03E-07	3.87E-08	-5.72	7.6510888	-7.43E-02	90014316	90014439	NC_000016.9
cg20886263	3.03E-07	3.87E-08	-5.72	7.650951	-3.94E-02	53196104	53196227	NC_000003.11
cg07372034	3.03E-07	3.87E-08	-5.72	7.6506478	-1.16E-01	48486164	48486287	NC_000022.10
cg03677924	3.03E-07	3.88E-08	-5.72	7.6504389	-8.61E-02	56849618	56849741	NC_000012.11
cg17471102	3.03E-07	3.88E-08	-5.72	7.6499816	-7.91E-02	5851255	5851378	NC_000019.9
cg03564754	3.03E-07	3.88E-08	-5.72	7.6496325	-1.15E-01	131580109	131580232	NC_000009.11
cg01811559	3.04E-07	3.88E-08	-5.72	7.649182	-8.14E-02	42051120	42051243	NC_000003.11
cg07119168	3.04E-07	3.88E-08	-5.72	7.6488912	-8.98E-02	65225253	65225376	NC_000014.8
cg09857149	3.04E-07	3.88E-08	-5.72	7.6487553	-3.89E-02	37178105	37178228	NC_000019.9
cg24506394	3.04E-07	3.88E-08	-5.72	7.6487406	-6.45E-02	246135274	246135397	NC_000001.10
cg04120686	3.04E-07	3.88E-08	-5.72	7.6483493	-1.08E-01	169384410	169384533	NC_000003.11
cg20023578	3.04E-07	3.89E-08	-5.72	7.6476228	-4.50E-02	114709626	114709749	NC_000010.10
cg06102153	3.04E-07	3.89E-08	-5.72	7.6472675	-2.15E-02	4674926	4675049	NC_000016.9

cg04177244	3.04E-07	3.89E-08	-5.72	7.646521	-5.86E-02	72973894	72974017	NC_000010.10
cg07866476	3.04E-07	3.89E-08	-5.72	7.6463635	-6.55E-02	67064157	67064280	NC_000016.9
cg00114478	3.04E-07	3.89E-08	-5.72	7.6463528	-8.17E-02	73658110	73658233	NC_000008.10
cg04010248	3.04E-07	3.89E-08	-5.72	7.6459263	-8.87E-02	242814898	242815021	NC_000002.11
cg13412283	3.04E-07	3.89E-08	-5.72	7.645702	-1.02E-01	65280	65403	NC_000007.13
cg22904096	3.04E-07	3.89E-08	-5.72	7.6456334	-1.32E-01	211180386	211180509	NC_000002.11
cg00031896	3.05E-07	3.90E-08	-5.72	7.6454134	-5.92E-02	122020205	122020328	NC_000012.11
cg07518576	3.05E-07	3.90E-08	-5.72	7.6453429	-4.46E-02	27806426	27806549	NC_000002.11
cg02990302	3.05E-07	3.90E-08	-5.72	7.6444183	-8.32E-02	58155189	58155312	NC_000016.9
cg01141721	3.05E-07	3.90E-08	-5.72	7.6443806	-1.16E-01	36010619	36010742	NC_000020.10
cg05403316	3.05E-07	3.90E-08	-5.72	7.6438961	-1.15E-01	55339939	55340062	NC_000002.11
cg17265788	3.05E-07	3.90E-08	-5.72	7.6433349	-3.19E-02	26785834	26785957	NC_000002.11
cg22101141	3.05E-07	3.91E-08	-5.72	7.6421143	-2.83E-02	39425191	39425314	NC_000005.9
cg23269663	3.06E-07	3.91E-08	-5.72	7.6419343	-2.44E-02	45250480	45250603	NC_000019.9
cg02333555	3.06E-07	3.91E-08	-5.72	7.6415477	-8.70E-02	35099662	35099785	NC_000014.8
ch.8.2087691R	3.06E-07	3.91E-08	-5.72	7.6414696	-3.50E-02	103313232	103313355	NC_000008.10
cg23360967	3.06E-07	3.91E-08	-5.72	7.6408457	-6.72E-02	11210562	11210685	NC_000006.11
cg21870321	3.06E-07	3.91E-08	-5.72	7.6406505	-4.03E-02	4701482	4701605	NC_000020.10
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cg27246744	3.06E-07	3.92E-08	-5.72	7.6390036	-5.38E-02	31746590	31746713	NC_000003.11
cg17825194	3.07E-07	3.93E-08	-5.72	7.6371474	-1.07E-01	124864681	124864804	NC_000012.11
cg22833292	3.07E-07	3.93E-08	-5.72	7.6366249	-1.68E-02	64126806	64126929	NC_000011.9
cg24139169	3.07E-07	3.93E-08	-5.72	7.6359536	-3.33E-02	111807696	111807819	NC_000011.9
cg26516710	3.07E-07	3.94E-08	-5.72	7.6354146	-1.05E-01	2569911	2570034	NC_000016.9
cg09100593	3.07E-07	3.94E-08	-5.72	7.6352014	-1.18E-01	160122503	160122626	NC_000003.11

cg08682036	3.08E-07	3.94E-08	-5.72	7.6345823	-1.26E-01	43898033	43898156	NC_000010.10
cg16841748	3.08E-07	3.94E-08	-5.72	7.6341186	-1.04E-01	142710298	142710421	NC_000008.10
ch.2.1580620R	3.08E-07	3.94E-08	-5.72	7.6334922	-4.55E-02	69966976	69967099	NC_000002.11
cg03514977	3.08E-07	3.94E-08	-5.72	7.6332606	-7.88E-02	4313709	4313832	NC_000016.9
cg05223441	3.08E-07	3.95E-08	-5.72	7.633087	-1.22E-01	43818920	43819043	NC_000006.11
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cg11185904	3.09E-07	3.96E-08	-5.72	7.6286897	-1.00E-01	115756754	115756877	NC_000011.9
cg10959672	3.10E-07	3.97E-08	-5.72	7.628132	-1.16E-01	35972127	35972250	NC_000001.10
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cg11754778	3.10E-07	3.98E-08	-5.72	7.6257248	-1.54E-01	85516568	85516691	NC_000001.10
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cg15660498	3.10E-07	3.98E-08	-5.72	7.6252763	-8.12E-02	36249933	36250056	NC_000019.9
cg06480496	3.11E-07	3.98E-08	-5.72	7.6248051	-5.41E-02	31430675	31430798	NC_000006.11
cg08738280	3.11E-07	3.98E-08	-5.72	7.6247911	-9.98E-02	168197198	168197321	NC_000001.10
cg18332838	3.11E-07	3.99E-08	-5.72	7.6224932	-1.60E-01	126698738	126698861	NC_000008.10
cg05369942	3.11E-07	3.99E-08	-5.72	7.6222694	-1.25E-01	142228617	142228740	NC_000004.11
cg04992282	3.11E-07	3.99E-08	-5.72	7.622087	-5.18E-02	154580118	154580241	NC_000001.10
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cg06014092	3.12E-07	3.99E-08	-5.72	7.6209411	-1.08E-01	77924281	77924404	NC_000015.9
cg00003345	3.12E-07	4.00E-08	-5.72	7.6207828	-6.74E-02	10816499	10816622	NC_000001.10
cg09848114	3.12E-07	4.00E-08	-5.72	7.6197593	-1.26E-01	30130698	30130821	NC_000006.11

cg04395006	3.12E-07	4.00E-08	-5.72	7.6196608	-4.25E-02	4436902	4437025	NC_000016.9
cg21348173	3.12E-07	4.00E-08	-5.72	7.6195759	-1.04E-01	42059636	42059759	NC_000017.10
cg02835343	3.12E-07	4.00E-08	-5.72	7.6193014	-6.87E-02	26436718	26436841	NC_000008.10
cg14093792	3.13E-07	4.01E-08	-5.72	7.6180988	-8.58E-02	322888	323011	NC_000012.11
cg16597717	3.13E-07	4.01E-08	-5.72	7.6180582	-1.34E-02	89770685	89770808	NC_000005.9
cg22862208	3.13E-07	4.01E-08	-5.72	7.6179402	-1.08E-01	121857749	121857872	NC_000010.10
cg08880153	3.13E-07	4.01E-08	-5.72	7.6162073	-7.16E-02	43808806	43808929	NC_000015.9
ch.7.1269058F	3.13E-07	4.01E-08	-5.72	7.616155	-4.86E-02	55368888	55369011	NC_000007.13
cg16054502	3.14E-07	4.02E-08	-5.72	7.6147786	-1.28E-01	22224163	22224286	NC_000001.10
cg22695084	3.14E-07	4.02E-08	-5.72	7.6147243	-9.15E-02	155971174	155971297	NC_000007.13
ch.14.561430R	3.14E-07	4.02E-08	-5.72	7.614689	-3.22E-02	50760071	50760194	NC_000014.8
cg01148741	3.14E-07	4.02E-08	-5.72	7.6139667	-9.59E-02	96811453	96811576	NC_000002.11
cg01843367	3.14E-07	4.03E-08	-5.72	7.6130372	-2.82E-02	155589075	155589198	NC_000003.11
cg18055230	3.15E-07	4.04E-08	-5.72	7.6107938	-3.78E-02	16296654	16296777	NC_000019.9
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cg22697657	3.15E-07	4.04E-08	-5.72	7.6098581	-2.69E-02	3542188	3542311	NC_000001.10
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cg13348574	3.15E-07	4.04E-08	-5.72	7.6091437	-1.12E-01	207478	207601	NC_000017.10
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cg01854491	3.16E-07	4.06E-08	-5.71	7.6051179	-9.42E-02	144815021	144815144	NC_000008.10
cg07005242	3.17E-07	4.06E-08	-5.71	7.604836	-9.00E-02	30431577	30431700	NC_000006.11
cg04261607	3.17E-07	4.06E-08	-5.71	7.6040873	-7.17E-02	65150871	65150994	NC_000011.9

cg20039048	3.17E-07	4.07E-08	-5.71	7.6038998	-8.65E-02	8305302	8305425	NC_000011.9
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cg12458039	3.17E-07	4.07E-08	-5.71	7.6022195	-8.23E-02	210075	210198	NC_000007.13
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cg04529538	3.18E-07	4.08E-08	-5.71	7.6002698	-5.66E-02	5871276	5871399	NC_000019.9
cg22813622	3.18E-07	4.08E-08	-5.71	7.6000213	-6.88E-02	89786761	89786884	NC_000015.9
cg14496346	3.18E-07	4.08E-08	-5.71	7.5994402	-2.71E-02	134422108	134422231	NC_000009.11
cg26543150	3.18E-07	4.08E-08	-5.71	7.5993211	-1.38E-01	91043813	91043936	NC_000010.10
cg13463208	3.19E-07	4.09E-08	-5.71	7.5983495	-1.41E-02	39872401	39872524	NC_000015.9
cg25445707	3.19E-07	4.09E-08	-5.71	7.5983259	-8.63E-02	46719086	46719209	NC_000003.11
cg04552921	3.19E-07	4.09E-08	-5.71	7.5978845	-7.73E-02	80262264	80262387	NC_000010.10
cg22705228	3.19E-07	4.09E-08	-5.71	7.5977598	-1.75E-02	37400926	37401049	NC_000006.11
cg07291005	3.19E-07	4.09E-08	-5.71	7.5976685	-2.51E-02	24126194	24126317	NC_000001.10
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cg05424782	3.19E-07	4.10E-08	-5.71	7.5967875	-2.97E-02	42017079	42017202	NC_000022.10
cg19577080	3.19E-07	4.10E-08	-5.71	7.5967179	-1.10E-01	143470771	143470894	NC_000004.11
cg03265490	3.19E-07	4.10E-08	-5.71	7.596446	-6.41E-02	27371840	27371963	NC_000002.11
cg15038241	3.19E-07	4.10E-08	-5.71	7.5950388	-2.38E-02	48113684	48113807	NC_000019.9
cg05351785	3.20E-07	4.10E-08	-5.71	7.5949461	-8.82E-02	24733733	24733856	NC_000014.8
cg00439733	3.20E-07	4.10E-08	-5.71	7.5948824	-6.30E-02	240970175	240970298	NC_000002.11
cg15133201	3.20E-07	4.11E-08	-5.71	7.5943611	-1.25E-01	248852044	248852167	NC_000001.10
cg24298578	3.20E-07	4.11E-08	-5.71	7.5930163	-1.11E-01	121843956	121844079	NC_000006.11
cg13290476	3.20E-07	4.11E-08	-5.71	7.5929343	-1.02E-01	94010601	94010724	NC_000015.9



cg06086316	3.20E-07	4.11E-08	-5.71	7.5926852	-1.36E-01	48207862	48207985	NC_000012.11
cg12240637	3.20E-07	4.11E-08	-5.71	7.5922518	-1.15E-01	42146261	42146384	NC_000017.10
cg23107161	3.21E-07	4.12E-08	-5.71	7.5915017	-1.03E-01	27938371	27938494	NC_000002.11
cg10409919	3.21E-07	4.12E-08	-5.71	7.5914919	-8.90E-02	53530016	53530139	NC_000003.11
cg10167233	3.21E-07	4.12E-08	-5.71	7.5910263	-1.22E-01	72004311	72004434	NC_000006.11
cg00726615	3.21E-07	4.12E-08	-5.71	7.5901372	-1.61E-01	113252640	113252763	NC_000003.11
cg12655416	3.21E-07	4.12E-08	-5.71	7.5899481	-9.77E-02	38077870	38077993	NC_000017.10
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cg03884572	3.22E-07	4.14E-08	-5.71	7.5866129	-1.19E-01	111521899	111522022	NC_000012.11
cg04026926	3.23E-07	4.14E-08	-5.71	7.5850963	-5.31E-02	2323395	2323518	NC_000011.9
cg19893494	3.23E-07	4.15E-08	-5.71	7.5827493	-1.27E-01	126162903	126163026	NC_000008.10
cg15680518	3.23E-07	4.16E-08	-5.71	7.5824528	-3.03E-02	132414800	132414923	NC_000012.11
cg11194994	3.24E-07	4.16E-08	-5.71	7.5812699	-4.52E-02	160175974	160176097	NC_000001.10
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cg25683268	3.24E-07	4.16E-08	-5.71	7.5806193	-1.03E-01	53809564	53809687	NC_000017.10
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cg26403608	3.25E-07	4.17E-08	-5.71	7.5783262	-8.13E-02	2319719	2319842	NC_000017.10
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cg13228642	3.25E-07	4.18E-08	-5.71	7.5765304	-8.96E-02	181057360	181057483	NC_000001.10

cg02631199	3.25E-07	4.18E-08	-5.71	7.5763899	-4.99E-02	50502411	50502534	NC_000016.9
cg06437747	3.25E-07	4.18E-08	-5.71	7.5762664	-1.03E-01	2890836	2890959	NC_000001.10
cg01023672	3.25E-07	4.18E-08	-5.71	7.5758095	-1.05E-01	47477223	47477346	NC_000012.11
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cg04002486	3.25E-07	4.18E-08	-5.71	7.575697	-6.91E-02	1162736	1162859	NC_000016.9
cg20874811	3.25E-07	4.19E-08	-5.71	7.5755773	-1.81E-02	54991629	54991752	NC_000017.10
cg09671951	3.26E-07	4.19E-08	-5.71	7.5748901	-1.41E-01	104556332	104556455	NC_000010.10
cg14463304	3.26E-07	4.19E-08	-5.71	7.5745218	-7.89E-02	12965884	12966007	NC_000012.11
cg15131258	3.26E-07	4.19E-08	-5.71	7.5739641	-1.06E-01	31805182	31805305	NC_000020.10
cg03193299	3.26E-07	4.20E-08	-5.71	7.5730918	-7.26E-02	1167239	1167362	NC_000004.11
cg10070101	3.26E-07	4.20E-08	-5.71	7.5730035	-9.60E-02	78963290	78963413	NC_000017.10
cg19932515	3.26E-07	4.20E-08	-5.71	7.5727984	-1.02E-01	98326480	98326603	NC_000002.11
cg13849253	3.26E-07	4.20E-08	-5.71	7.5724332	-1.22E-01	35676166	35676289	NC_000009.11
cg11893552	3.26E-07	4.20E-08	-5.71	7.5723429	-8.84E-02	168045268	168045391	NC_000006.11
cg19399885	3.27E-07	4.20E-08	-5.71	7.5715568	-1.06E-01	110373776	110373899	NC_000002.11
cg07848310	3.27E-07	4.20E-08	-5.71	7.5715017	-3.91E-02	43603786	43603909	NC_000005.9
cg08940762	3.27E-07	4.20E-08	-5.71	7.5710364	-2.61E-02	233415810	233415933	NC_000002.11
cg10573553	3.27E-07	4.21E-08	-5.71	7.5704768	-8.80E-02	47918580	47918703	NC_000021.8
cg00817189	3.27E-07	4.21E-08	-5.71	7.5699786	-6.91E-02	4250606	4250729	NC_000004.11
cg01993552	3.27E-07	4.21E-08	-5.71	7.5697407	-1.37E-01	46584209	46584332	NC_000019.9
cg23649140	3.27E-07	4.21E-08	-5.71	7.5693807	-8.65E-02	37661612	37661735	NC_000008.10
cg12774429	3.28E-07	4.22E-08	-5.71	7.5685634	-1.14E-01	21853470	21853593	NC_000014.8
cg23360101	3.28E-07	4.22E-08	-5.71	7.5684762	-1.05E-01	858591	858714	NC_000008.10
cg27050229	3.28E-07	4.22E-08	-5.71	7.5674404	-1.74E-02	856693	856816	NC_000001.10
cg02301019	3.28E-07	4.22E-08	-5.71	7.567084	-9.76E-02	85465191	85465314	NC_000016.9

cg18928221	3.28E-07	4.23E-08	-5.71	7.5663565	-1.25E-01	93759099	93759222	NC_000007.13
ch.1.4544771F	3.29E-07	4.23E-08	-5.71	7.5656694	-3.09E-02	230992415	230992538	NC_000001.10
cg11179625	3.29E-07	4.23E-08	-5.71	7.5651611	-1.13E-01	61522741	61522864	NC_000011.9
cg02008544	3.29E-07	4.23E-08	-5.71	7.564341	-4.67E-02	22926600	22926723	NC_000008.10
cg16723716	3.29E-07	4.24E-08	-5.71	7.5638229	-1.07E-01	125149524	125149647	NC_000012.11
cg02365539	3.29E-07	4.24E-08	-5.71	7.5638221	-8.37E-02	2136919	2137042	NC_000007.13
cg21870662	3.30E-07	4.24E-08	-5.71	7.5624828	-6.30E-02	2241570	2241693	NC_000017.10
cg16831461	3.30E-07	4.25E-08	-5.71	7.5607716	-1.75E-02	50470026	50470149	NC_000014.8
cg11595454	3.30E-07	4.25E-08	-5.71	7.5602725	-8.00E-02	99995398	99995521	NC_000007.13
cg24550933	3.31E-07	4.26E-08	-5.71	7.5593855	-9.81E-02	111932556	111932679	NC_000001.10
cg08155741	3.31E-07	4.26E-08	-5.71	7.5592419	-6.00E-02	63994308	63994431	NC_000011.9
cg24688854	3.31E-07	4.26E-08	-5.71	7.5590726	-8.17E-02	32376815	32376938	NC_000020.10
cg11879577	3.31E-07	4.26E-08	-5.7	7.5582228	-6.28E-02	18813519	18813642	NC_000016.9
cg17783031	3.31E-07	4.26E-08	-5.7	7.5572893	-1.86E-02	48673137	48673260	NC_000003.11
cg18410685	3.31E-07	4.27E-08	-5.7	7.5570435	-1.26E-01	34838703	34838826	NC_000014.8
cg22848779	3.31E-07	4.27E-08	-5.7	7.5567762	-3.58E-02	103997452	103997575	NC_000004.11
cg22692964	3.31E-07	4.27E-08	-5.7	7.556551	-3.07E-02	19262062	19262185	NC_000011.9
cg10775991	3.31E-07	4.27E-08	-5.7	7.5564789	-7.88E-02	21905945	21906068	NC_000014.8
cg07267294	3.31E-07	4.27E-08	-5.7	7.5563639	-1.04E-01	58893722	58893845	NC_000005.9
ch.1.3307476R	3.31E-07	4.27E-08	-5.7	7.5563347	-1.38E-02	169082848	169082971	NC_000001.10
cg16263848	3.32E-07	4.27E-08	-5.7	7.5553018	-1.00E-01	9018806	9018929	NC_000017.10
cg08872742	3.32E-07	4.28E-08	-5.7	7.5541556	-1.01E-01	66400320	66400443	NC_000016.9
cg16809806	3.32E-07	4.28E-08	-5.7	7.5532537	-4.25E-02	86708298	86708421	NC_000004.11
cg04461802	3.33E-07	4.29E-08	-5.7	7.5526038	-5.40E-02	142623433	142623556	NC_000006.11
cg17511741	3.33E-07	4.29E-08	-5.7	7.5521365	-6.53E-02	51039434	51039557	NC_000022.10

cg25235068	3.33E-07	4.29E-08	-5.7	7.5513752	-9.81E-02	21642319	21642442	NC_000008.10
cg11867012	3.33E-07	4.29E-08	-5.7	7.5513517	-5.66E-02	42364667	42364790	NC_000019.9
cg24126941	3.33E-07	4.29E-08	-5.7	7.5506408	-1.11E-01	38068553	38068676	NC_000014.8
cg16075951	3.33E-07	4.29E-08	-5.7	7.5504248	-2.85E-02	24899050	24899173	NC_000014.8
cg00067824	3.33E-07	4.30E-08	-5.7	7.5501808	-1.19E-01	23492914	23493037	NC_000010.10
cg26338757	3.34E-07	4.30E-08	-5.7	7.5491197	-6.38E-02	88428295	88428418	NC_000010.10
cg10447615	3.34E-07	4.30E-08	-5.7	7.5490497	-7.88E-02	109506805	109506928	NC_000001.10
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cg16974832	3.34E-07	4.30E-08	-5.7	7.5485713	-1.38E-01	238188707	238188830	NC_000002.11
cg21201924	3.34E-07	4.30E-08	-5.7	7.548271	-9.09E-02	137251825	137251948	NC_000009.11
cg12345593	3.34E-07	4.31E-08	-5.7	7.5481326	-1.57E-02	51975989	51976112	NC_000003.11
cg24757978	3.34E-07	4.31E-08	-5.7	7.5470629	-1.17E-01	69003455	69003578	NC_000003.11
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cg13896748	3.35E-07	4.32E-08	-5.7	7.545501	-5.56E-02	30872987	30873110	NC_000010.10
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cg00061520	3.35E-07	4.32E-08	-5.7	7.5440376	-1.31E-01	4070371	4070494	NC_000016.9
cg20805475	3.36E-07	4.33E-08	-5.7	7.541527	-1.11E-01	42763815	42763938	NC_000022.10
cg23720929	3.36E-07	4.33E-08	-5.7	7.5414624	-1.29E-01	195310887	195311010	NC_000003.11
cg08198228	3.36E-07	4.33E-08	-5.7	7.5414021	-1.08E-01	109788583	109788706	NC_000002.11
cg16141378	3.36E-07	4.34E-08	-5.7	7.541315	-2.28E-02	129829833	129829956	NC_000003.11
cg12391048	3.36E-07	4.34E-08	-5.7	7.5407563	-1.04E-01	2770336	2770459	NC_000016.9
cg05708544	3.36E-07	4.34E-08	-5.7	7.5407008	-2.19E-02	23745076	23745199	NC_000022.10
cg18006328	3.37E-07	4.34E-08	-5.7	7.540434	-5.58E-02	121499577	121499700	NC_000002.11
cg10135178	3.37E-07	4.34E-08	-5.7	7.540349	-6.45E-02	28834933	28835056	NC_000015.9

cg12169927	3.37E-07	4.34E-08	-5.7	7.5403384	-4.88E-02	124120882	124121005	NC_000007.13
cg06178669	3.37E-07	4.34E-08	-5.7	7.5400566	-1.01E-01	63334608	63334731	NC_000011.9
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cg04104789	3.37E-07	4.34E-08	-5.7	7.5398018	-1.09E-01	24778439	24778562	NC_000015.9
cg15924259	3.37E-07	4.34E-08	-5.7	7.5392122	-2.01E-02	9687259	9687382	NC_000001.10
cg20467658	3.37E-07	4.34E-08	-5.7	7.5391649	-9.92E-02	89933347	89933470	NC_000015.9
cg17051704	3.37E-07	4.35E-08	-5.7	7.5391146	-1.46E-01	29424197	29424320	NC_000015.9
cg07548791	3.37E-07	4.35E-08	-5.7	7.5383264	-9.14E-02	86012053	86012176	NC_000016.9
cg09766710	3.37E-07	4.35E-08	-5.7	7.5380202	-1.13E-01	247767976	247768099	NC_000001.10
cg14750367	3.37E-07	4.35E-08	-5.7	7.5377771	-1.25E-01	105257227	105257350	NC_000008.10
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cg21674010	3.38E-07	4.36E-08	-5.7	7.5351182	-1.04E-01	58844583	58844706	NC_000015.9
cg03449406	3.39E-07	4.37E-08	-5.7	7.5344196	-2.82E-02	35183687	35183810	NC_000014.8
cg27001534	3.39E-07	4.38E-08	-5.7	7.5322913	-4.36E-02	443220	443343	NC_000005.9
cg11411220	3.39E-07	4.38E-08	-5.7	7.5319674	-9.52E-02	35630062	35630185	NC_000010.10
cg13021192	3.39E-07	4.38E-08	-5.7	7.5318306	-8.11E-02	57582213	57582336	NC_000020.10
cg17279789	3.40E-07	4.38E-08	-5.7	7.5303564	-3.14E-02	53828267	53828390	NC_000017.10
cg06402590	3.40E-07	4.39E-08	-5.7	7.5291756	-1.06E-01	2820155	2820278	NC_000016.9
cg04149179	3.40E-07	4.39E-08	-5.7	7.5290021	-8.09E-02	97149537	97149660	NC_000010.10
cg27651070	3.40E-07	4.39E-08	-5.7	7.5287824	-9.00E-02	46391669	46391792	NC_000011.9
ch.8.72742858R	3.40E-07	4.39E-08	-5.7	7.5285687	-3.47E-02	72580304	72580427	NC_000008.10
cg11155687	3.41E-07	4.39E-08	-5.7	7.5281286	-1.02E-01	63025589	63025712	NC_000012.11
cg26561631	3.41E-07	4.40E-08	-5.7	7.5278573	-1.29E-01	99966833	99966956	NC_000015.9
cg00029831	3.41E-07	4.40E-08	-5.7	7.5271674	-1.80E-02	145653349	145653472	NC_000008.10
cg21318380	3.41E-07	4.40E-08	-5.7	7.5269662	-1.02E-01	49620366	49620489	NC_000020.10

cg27194164	3.41E-07	4.40E-08	-5.7	7.5268802	-2.17E-02	17666205	17666328	NC_000019.9
cg14824670	3.41E-07	4.40E-08	-5.7	7.526272	-5.77E-02	100492175	100492298	NC_000007.13
cg03702919	3.41E-07	4.41E-08	-5.7	7.5254698	-7.49E-02	21832208	21832331	NC_000016.9
cg01141645	3.42E-07	4.41E-08	-5.7	7.5248876	-1.14E-01	62627837	62627960	NC_000008.10
cg14943722	3.42E-07	4.41E-08	-5.7	7.5246048	-1.14E-01	50341009	50341132	NC_000003.11
cg12664770	3.42E-07	4.41E-08	-5.7	7.5239504	-1.03E-01	14642025	14642148	NC_000003.11
cg09998189	3.42E-07	4.41E-08	-5.7	7.5237381	-1.02E-01	70348104	70348227	NC_000014.8
cg09158826	3.42E-07	4.42E-08	-5.7	7.5235566	-4.22E-02	67194232	67194355	NC_000016.9
cg15962547	3.42E-07	4.42E-08	-5.7	7.5232293	-7.84E-02	204183337	204183460	NC_000001.10
cg20386580	3.42E-07	4.42E-08	-5.7	7.522906	-7.31E-02	105344807	105344930	NC_000010.10
cg18427856	3.42E-07	4.42E-08	-5.7	7.5227706	-1.82E-01	30652647	30652770	NC_000006.11
cg08621441	3.42E-07	4.42E-08	-5.7	7.5223445	-6.16E-02	1267745	1267868	NC_000001.10
cg27185504	3.43E-07	4.43E-08	-5.7	7.521167	-5.57E-02	210466211	210466334	NC_000001.10
cg23523129	3.43E-07	4.43E-08	-5.7	7.5207975	-1.93E-02	11457176	11457299	NC_000019.9
cg21724796	3.43E-07	4.43E-08	-5.7	7.520508	-1.33E-02	8113904	8114027	NC_000017.10
cg07835270	3.43E-07	4.43E-08	-5.7	7.5203569	-9.51E-02	56676694	56676817	NC_000016.9
cg25244356	3.43E-07	4.43E-08	-5.7	7.5203149	-1.41E-01	90042240	90042363	NC_000007.13
cg21593030	3.43E-07	4.43E-08	-5.7	7.5199627	-1.98E-01	70952175	70952298	NC_000011.9
cg20464368	3.43E-07	4.43E-08	-5.7	7.5196369	-5.31E-02	236767266	236767389	NC_000001.10
cg24770408	3.43E-07	4.43E-08	-5.7	7.5193302	-1.23E-01	19777808	19777931	NC_000004.11
cg14959506	3.44E-07	4.44E-08	-5.7	7.5189393	-3.21E-02	1525533	1525656	NC_000016.9
cg08924374	3.44E-07	4.44E-08	-5.7	7.5184845	-2.18E-02	133557400	133557523	NC_000009.11
cg06688916	3.44E-07	4.44E-08	-5.7	7.5183818	-9.00E-02	99595095	99595218	NC_000007.13
cg22235072	3.44E-07	4.44E-08	-5.7	7.5178263	-7.95E-02	238708555	238708678	NC_000002.11
cg14984341	3.44E-07	4.44E-08	-5.7	7.5177239	-8.51E-02	97136729	97136852	NC_000002.11

cg05563110	3.44E-07	4.44E-08	-5.7	7.5169889	-7.30E-02	112838078	112838201	NC_000010.10
cg05952643	3.44E-07	4.45E-08	-5.7	7.5168311	-3.71E-02	132597404	132597527	NC_000009.11
cg02747901	3.45E-07	4.45E-08	-5.7	7.5151359	-9.56E-02	157005623	157005746	NC_000005.9
cg17357548	3.45E-07	4.46E-08	-5.7	7.5142453	-1.26E-01	50429829	50429952	NC_000015.9
cg02059927	3.45E-07	4.46E-08	-5.7	7.513779	-1.31E-01	74936232	74936355	NC_000002.11
cg07855221	3.45E-07	4.46E-08	-5.7	7.5135661	-1.05E-01	79877314	79877437	NC_000017.10
cg17757000	3.46E-07	4.46E-08	-5.7	7.5127812	-6.80E-02	40476423	40476546	NC_000019.9
cg18844118	3.46E-07	4.47E-08	-5.7	7.5124845	-8.52E-02	26191489	26191612	NC_000007.13
cg13884115	3.46E-07	4.47E-08	-5.7	7.5124036	-3.52E-02	127534127	127534250	NC_000009.11
cg15459695	3.46E-07	4.47E-08	-5.7	7.5112734	-2.82E-02	236403016	236403139	NC_000002.11
cg03979024	3.46E-07	4.47E-08	-5.7	7.5107437	-9.10E-02	419189	419312	NC_000010.10
cg01538392	3.46E-07	4.48E-08	-5.7	7.5102222	-5.05E-02	33291225	33291348	NC_000020.10
cg05064398	3.47E-07	4.48E-08	-5.7	7.510103	-2.18E-02	10052817	10052940	NC_000003.11
cg00782925	3.47E-07	4.48E-08	-5.7	7.5100834	-3.15E-02	38398389	38398512	NC_000019.9
cg06965803	3.47E-07	4.48E-08	-5.7	7.509588	-7.61E-02	6531717	6531840	NC_000001.10
cg26929261	3.47E-07	4.48E-08	-5.7	7.5095779	-8.06E-02	175792123	175792246	NC_000005.9
cg17450446	3.47E-07	4.48E-08	-5.69	7.5092409	-2.23E-02	160002111	160002234	NC_000001.10
cg18718692	3.47E-07	4.49E-08	-5.69	7.5081562	-9.59E-02	133121913	133122036	NC_000003.11
cg01930518	3.47E-07	4.49E-08	-5.69	7.5076303	-3.89E-02	91414850	91414973	NC_000015.9
cg05515034	3.47E-07	4.49E-08	-5.69	7.5071948	-2.45E-02	2955283	2955406	NC_000016.9
cg23615572	3.48E-07	4.49E-08	-5.69	7.5069306	-4.16E-02	64086020	64086143	NC_000011.9
cg25586329	3.48E-07	4.49E-08	-5.69	7.5063931	-1.21E-01	132800564	132800687	NC_000010.10
cg11878712	3.48E-07	4.50E-08	-5.69	7.5053498	-1.05E-01	135018453	135018576	NC_000002.11
cg06577005	3.48E-07	4.50E-08	-5.69	7.5050144	-1.05E-01	26758228	26758351	NC_000001.10
cg21023126	3.48E-07	4.50E-08	-5.69	7.50437	-8.19E-02	32870150	32870273	NC_000022.10

cg19752861	3.49E-07	4.51E-08	-5.69	7.5034178	-1.43E-01	74153213	74153336	NC_000002.11
cg24791965	3.49E-07	4.51E-08	-5.69	7.502098	-6.69E-02	102132302	102132425	NC_000004.11
cg20140452	3.49E-07	4.51E-08	-5.69	7.5019491	-3.19E-02	149363715	149363838	NC_000004.11
cg00023154	3.49E-07	4.51E-08	-5.69	7.5018048	-7.13E-02	44872463	44872586	NC_000001.10
cg07284190	3.49E-07	4.52E-08	-5.69	7.5017614	-1.23E-01	78588454	78588577	NC_000012.11
cg13120986	3.49E-07	4.52E-08	-5.69	7.5017165	-6.19E-02	7168012	7168135	NC_000012.11
cg19804071	3.49E-07	4.52E-08	-5.69	7.5012984	-9.99E-02	112375186	112375309	NC_000006.11
cg07213181	3.49E-07	4.52E-08	-5.69	7.5011971	-8.97E-02	238794837	238794960	NC_000002.11
cg22547540	3.49E-07	4.52E-08	-5.69	7.5010628	-9.73E-02	32055007	32055130	NC_000006.11
cg23728359	3.50E-07	4.52E-08	-5.69	7.5009168	-1.12E-01	6290148	6290271	NC_000007.13
cg13009927	3.50E-07	4.52E-08	-5.69	7.5002507	-4.06E-02	242254519	242254642	NC_000002.11
cg08017606	3.50E-07	4.52E-08	-5.69	7.5001587	-3.87E-02	145316274	145316397	NC_000005.9
cg13617204	3.50E-07	4.52E-08	-5.69	7.4997226	-1.67E-02	27832869	27832992	NC_000006.11
cg11369706	3.50E-07	4.53E-08	-5.69	7.4992581	-4.59E-02	32122111	32122234	NC_000011.9
cg08130630	3.50E-07	4.53E-08	-5.69	7.4990752	-7.33E-02	2312475	2312598	NC_000001.10
cg04652522	3.50E-07	4.53E-08	-5.69	7.4989495	-7.82E-02	179124978	179125101	NC_000005.9
cg14287443	3.50E-07	4.53E-08	-5.69	7.4987567	-7.73E-02	3497093	3497216	NC_000002.11
cg05065507	3.50E-07	4.53E-08	-5.69	7.4981757	-6.00E-02	59042931	59043054	NC_000001.10
cg13392258	3.51E-07	4.53E-08	-5.69	7.4978602	-8.47E-02	77806190	77806313	NC_000017.10
cg08403064	3.51E-07	4.54E-08	-5.69	7.4970219	-1.06E-01	44068709	44068832	NC_000011.9
cg02868222	3.51E-07	4.54E-08	-5.69	7.4967681	-7.21E-02	155572952	155573075	NC_000003.11
cg14014879	3.51E-07	4.54E-08	-5.69	7.4966391	-8.39E-02	94561088	94561211	NC_000001.10
cg09359810	3.51E-07	4.54E-08	-5.69	7.4963286	-1.41E-01	52048421	52048544	NC_000014.8
cg00832457	3.51E-07	4.54E-08	-5.69	7.496313	-9.17E-02	32287236	32287359	NC_000012.11
cg09094804	3.52E-07	4.55E-08	-5.69	7.4946373	-3.18E-02	56485438	56485561	NC_000016.9



cg14117874	3.52E-07	4.55E-08	-5.69	7.4946227	-6.85E-02	81684364	81684487	NC_000005.9
cg07988713	3.52E-07	4.55E-08	-5.69	7.494282	-3.22E-02	28388196	28388319	NC_000016.9
cg03335386	3.52E-07	4.55E-08	-5.69	7.4942197	-7.53E-02	134469021	134469144	NC_000008.10
cg04200938	3.52E-07	4.55E-08	-5.69	7.4939818	-4.92E-02	45665536	45665659	NC_000022.10
cg01612366	3.52E-07	4.56E-08	-5.69	7.4929309	-7.77E-02	14113465	14113588	NC_000004.11
cg02459543	3.52E-07	4.56E-08	-5.69	7.4927536	-1.02E-01	94924611	94924734	NC_000008.10
cg24422797	3.52E-07	4.56E-08	-5.69	7.4923156	-1.15E-01	80633179	80633302	NC_000017.10
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cg06777522	3.53E-07	4.56E-08	-5.69	7.4919	-5.13E-02	145969007	145969130	NC_000003.11
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cg09624870	3.53E-07	4.57E-08	-5.69	7.4909102	-8.86E-02	123871988	123872111	NC_000010.10
cg13368983	3.53E-07	4.57E-08	-5.69	7.4905851	-1.51E-01	201995729	201995852	NC_000002.11
cg14353508	3.53E-07	4.57E-08	-5.69	7.4901208	-1.34E-01	34207754	34207877	NC_000020.10
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cg03160342	3.53E-07	4.57E-08	-5.69	7.4897144	-1.34E-02	12807165	12807288	NC_000019.9
ch.21.43554353R	3.53E-07	4.57E-08	-5.69	7.4895581	-1.82E-02	44729925	44730048	NC_000021.8
cg08822891	3.53E-07	4.57E-08	-5.69	7.4892675	-6.04E-02	12625807	12625930	NC_000016.9
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cg07155453	3.54E-07	4.58E-08	-5.69	7.4883634	-1.45E-02	65004289	65004412	NC_000012.11
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cg12748491	3.54E-07	4.58E-08	-5.69	7.4871162	-9.96E-02	169801641	169801764	NC_000004.11

cg06495060	3.54E-07	4.58E-08	-5.69	7.4869544	-3.12E-02	182993363	182993486	NC_000001.10
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cg11242907	3.55E-07	4.59E-08	-5.69	7.4857675	-1.34E-01	45919419	45919542	NC_000017.10
cg21284028	3.55E-07	4.59E-08	-5.69	7.4848055	-1.30E-01	58571569	58571692	NC_000020.10
cg23282441	3.55E-07	4.59E-08	-5.69	7.4847728	-1.20E-01	73533927	73534050	NC_000010.10
cg10329418	3.55E-07	4.60E-08	-5.69	7.484611	-7.45E-02	95026181	95026304	NC_000007.13
cg25373595	3.55E-07	4.60E-08	-5.69	7.4839348	-1.01E-01	2699718	2699841	NC_000017.10
cg09305478	3.55E-07	4.60E-08	-5.69	7.4833487	-5.96E-02	691988	692111	NC_000016.9
cg10211626	3.55E-07	4.60E-08	-5.69	7.4828902	-6.26E-02	42085361	42085484	NC_000022.10
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cg23255950	3.56E-07	4.61E-08	-5.69	7.4813411	-4.49E-02	84971011	84971134	NC_000001.10
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cg09711028	3.56E-07	4.61E-08	-5.69	7.4812148	-6.87E-02	21976788	21976911	NC_000012.11
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ch.2.42579310F	3.56E-07	4.61E-08	-5.69	7.4804475	-2.86E-02	42725806	42725929	NC_000002.11
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cg03120116	3.57E-07	4.62E-08	-5.69	7.4788752	-9.09E-02	167276567	167276690	NC_000006.11
cg23244022	3.57E-07	4.62E-08	-5.69	7.4787083	-1.29E-01	144437350	144437473	NC_000008.10
cg07845873	3.57E-07	4.63E-08	-5.69	7.478277	-1.13E-01	67022802	67022925	NC_000003.11
cg09088834	3.57E-07	4.63E-08	-5.69	7.4781381	-8.02E-02	25565460	25565583	NC_000020.10
cg12036017	3.57E-07	4.63E-08	-5.69	7.4774705	-1.31E-02	3956448	3956571	NC_000004.11

cg20840069	3.57E-07	4.63E-08	-5.69	7.4772277	-9.04E-02	58147905	58148028	NC_000003.11
cg16989117	3.58E-07	4.64E-08	-5.69	7.4758334	-1.06E-01	40781907	40782030	NC_000001.10
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cg12033273	3.59E-07	4.65E-08	-5.69	7.4739073	-3.29E-02	155247785	155247908	NC_000001.10
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cg20809737	3.59E-07	4.65E-08	-5.69	7.4729154	-8.72E-02	68574649	68574772	NC_000011.9
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cg23003315	3.59E-07	4.66E-08	-5.69	7.4711976	-4.76E-02	30070109	30070232	NC_000006.11
cg06944758	3.60E-07	4.66E-08	-5.69	7.470768	-8.30E-02	74064408	74064531	NC_000016.9
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cg08648041	3.61E-07	4.68E-08	-5.69	7.4658322	-3.64E-02	2633689	2633812	NC_000020.10
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cg04251872	3.62E-07	4.69E-08	-5.69	7.4640576	-3.88E-02	93964403	93964526	NC_000012.11
cg26159990	3.62E-07	4.70E-08	-5.69	7.4635727	-1.13E-01	44760607	44760730	NC_000001.10
cg01250603	3.62E-07	4.70E-08	-5.69	7.4635552	-1.28E-01	122709029	122709152	NC_000010.10
cg19985056	3.62E-07	4.70E-08	-5.69	7.4631484	-1.52E-01	56595244	56595367	NC_000005.9
cg22996004	3.62E-07	4.70E-08	-5.69	7.4630595	-4.11E-02	46018654	46018777	NC_000017.10
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cg06533042	3.63E-07	4.71E-08	-5.69	7.4610446	-1.02E-01	184385917	184386040	NC_000001.10

cg07531663	3.63E-07	4.71E-08	-5.69	7.4606484	-8.73E-02	47751494	47751617	NC_000008.10
cg09404733	3.63E-07	4.71E-08	-5.68	7.4599619	-5.73E-02	8511432	8511555	NC_000017.10
cg01237807	3.63E-07	4.71E-08	-5.68	7.4598039	-1.12E-02	46215957	46216080	NC_000001.10
cg11652360	3.64E-07	4.72E-08	-5.68	7.4585336	-8.95E-02	33160120	33160243	NC_000006.11
cg21542842	3.65E-07	4.74E-08	-5.68	7.4552117	-9.83E-02	77899442	77899565	NC_000004.11
cg21343919	3.65E-07	4.74E-08	-5.68	7.4550106	-4.26E-02	46413743	46413866	NC_000020.10
cg03221539	3.65E-07	4.74E-08	-5.68	7.4545147	-7.19E-02	146008887	146009010	NC_000001.10
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cg09130043	3.65E-07	4.74E-08	-5.68	7.4539449	-5.91E-02	11561283	11561406	NC_000008.10
cg03644238	3.65E-07	4.74E-08	-5.68	7.4536898	-1.19E-01	148400542	148400665	NC_000007.13
cg21828716	3.65E-07	4.74E-08	-5.68	7.4536419	-7.76E-02	23857953	23858076	NC_000014.8
cg13105234	3.66E-07	4.75E-08	-5.68	7.4518572	-8.42E-02	1550473	1550596	NC_000004.11
cg14983698	3.66E-07	4.76E-08	-5.68	7.4512017	-2.22E-02	138153270	138153393	NC_000003.11
cg10795646	3.67E-07	4.76E-08	-5.68	7.4506137	-9.57E-02	151975566	151975689	NC_000001.10
cg24881229	3.67E-07	4.76E-08	-5.68	7.4501581	-4.47E-02	93474015	93474138	NC_000011.9
cg23159165	3.67E-07	4.76E-08	-5.68	7.4493092	-1.12E-01	107567020	107567143	NC_000011.9
cg05399434	3.67E-07	4.77E-08	-5.68	7.4486652	-5.40E-02	123368681	123368804	NC_000010.10
cg20662523	3.67E-07	4.77E-08	-5.68	7.4478986	-2.17E-02	18742662	18742785	NC_000011.9
cg08993267	3.68E-07	4.77E-08	-5.68	7.4477583	-1.33E-02	41277322	41277445	NC_000017.10
cg09592244	3.68E-07	4.78E-08	-5.68	7.4466178	-1.09E-01	37024020	37024143	NC_000017.10
cg18070621	3.68E-07	4.78E-08	-5.68	7.4462187	-4.08E-02	79869449	79869572	NC_000017.10
cg19820919	3.68E-07	4.78E-08	-5.68	7.4460466	-1.02E-01	9380800	9380923	NC_000001.10
cg00496462	3.68E-07	4.78E-08	-5.68	7.4457844	-1.15E-01	93577610	93577733	NC_000007.13
cg23153730	3.68E-07	4.78E-08	-5.68	7.4455191	-1.92E-02	73612707	73612830	NC_000002.11
cg14994513	3.69E-07	4.79E-08	-5.68	7.444481	-8.14E-02	146919932	146920055	NC_000006.11

cg07608033	3.69E-07	4.79E-08	-5.68	7.4444553	-8.84E-02	36056930	36057053	NC_000010.10
cg04460931	3.69E-07	4.79E-08	-5.68	7.4433273	-5.43E-02	47788044	47788167	NC_000011.9
cg09462806	3.69E-07	4.80E-08	-5.68	7.4430462	-1.43E-01	150084	150207	NC_000007.13
cg19787891	3.70E-07	4.80E-08	-5.68	7.4420153	-9.35E-02	147691248	147691371	NC_000005.9
cg10665616	3.70E-07	4.81E-08	-5.68	7.4402889	-1.27E-01	69326361	69326484	NC_000007.13
cg05813297	3.70E-07	4.81E-08	-5.68	7.4402148	-7.35E-02	82543035	82543158	NC_000008.10
cg17873451	3.70E-07	4.81E-08	-5.68	7.4400774	-1.52E-02	171571851	171571974	NC_000002.11
cg08627847	3.70E-07	4.81E-08	-5.68	7.4394302	-9.27E-02	6833830	6833953	NC_000012.11
cg11789992	3.71E-07	4.81E-08	-5.68	7.439336	-4.79E-02	13625442	13625565	NC_000008.10
cg20135002	3.71E-07	4.82E-08	-5.68	7.4387231	-8.59E-02	47629003	47629126	NC_000011.9
cg01819568	3.71E-07	4.82E-08	-5.68	7.4378821	-1.01E-01	55528138	55528261	NC_000004.11
cg01955025	3.71E-07	4.82E-08	-5.68	7.4372344	-1.11E-01	91091782	91091905	NC_000014.8
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cg09405635	3.72E-07	4.83E-08	-5.68	7.4352194	-8.10E-02	49533444	49533567	NC_000008.10
cg12305074	3.72E-07	4.84E-08	-5.68	7.4350514	-1.33E-01	78368756	78368879	NC_000007.13
cg03551807	3.72E-07	4.84E-08	-5.68	7.4350282	-1.21E-01	51323496	51323619	NC_000007.13
cg14698352	3.72E-07	4.84E-08	-5.68	7.4348002	-3.82E-02	87505675	87505798	NC_000007.13
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cg24859316	3.72E-07	4.84E-08	-5.68	7.434214	-2.17E-02	201450362	201450485	NC_000001.10
cg18810542	3.72E-07	4.84E-08	-5.68	7.4337381	-8.49E-02	17379795	17379918	NC_000007.13
cg12158136	3.73E-07	4.85E-08	-5.68	7.433026	-4.84E-02	14783352	14783475	NC_000012.11
cg24756865	3.73E-07	4.85E-08	-5.68	7.4328965	-4.92E-02	103652182	103652305	NC_000014.8
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cg12867763	3.73E-07	4.85E-08	-5.68	7.4326413	-1.13E-01	106681666	106681789	NC_000007.13
cg08263507	3.73E-07	4.85E-08	-5.68	7.4318847	-4.32E-02	238480950	238481073	NC_000002.11

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cg09951201	3.73E-07	4.86E-08	-5.68	7.4309275	-1.12E-01	1100096	1100219	NC_000005.9
cg02938429	3.74E-07	4.86E-08	-5.68	7.4307975	-6.59E-02	20646248	20646371	NC_000002.11
cg12597558	3.74E-07	4.86E-08	-5.68	7.4301595	-7.39E-02	9226944	9227067	NC_000001.10
cg05373251	3.74E-07	4.86E-08	-5.68	7.429705	-1.33E-01	79451985	79452108	NC_000017.10
cg00868252	3.74E-07	4.86E-08	-5.68	7.4295903	-4.48E-02	31708260	31708383	NC_000006.11
cg01172082	3.74E-07	4.86E-08	-5.68	7.4295841	-8.71E-02	104645732	104645855	NC_000014.8
cg23688479	3.74E-07	4.86E-08	-5.68	7.429452	-1.22E-01	42756851	42756974	NC_000005.9
cg07113562	3.74E-07	4.86E-08	-5.68	7.429373	-2.78E-02	52834093	52834216	NC_000010.10
cg04266474	3.74E-07	4.86E-08	-5.68	7.4293028	-1.28E-01	36318491	36318614	NC_000007.13
cg18831371	3.74E-07	4.87E-08	-5.68	7.4289738	-2.17E-02	176037325	176037448	NC_000005.9
cg10519709	3.74E-07	4.87E-08	-5.68	7.428532	-2.55E-02	204347359	204347482	NC_000001.10
cg05242244	3.75E-07	4.88E-08	-5.68	7.4263108	-7.83E-02	53553086	53553209	NC_000012.11
cg09509221	3.75E-07	4.88E-08	-5.68	7.4260357	-3.59E-02	47492396	47492519	NC_000017.10
cg24541550	3.76E-07	4.89E-08	-5.68	7.4249007	-8.20E-02	10715360	10715483	NC_000011.9
cg27587033	3.76E-07	4.89E-08	-5.68	7.4247574	-4.08E-02	2006032	2006155	NC_000001.10
cg14833024	3.76E-07	4.89E-08	-5.68	7.4247406	-6.28E-02	106913460	106913583	NC_000012.11
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cg16322581	3.77E-07	4.90E-08	-5.68	7.4219228	-3.32E-02	70636648	70636771	NC_000012.11
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cg10042437	3.77E-07	4.91E-08	-5.68	7.420168	-7.72E-02	45406931	45407054	NC_000015.9
cg02963866	3.78E-07	4.91E-08	-5.68	7.419508	-1.30E-01	29612015	29612138	NC_000015.9
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cg11196333	3.78E-07	4.92E-08	-5.68	7.4188189	-1.20E-01	203154370	203154493	NC_000001.10
cg19017581	3.78E-07	4.92E-08	-5.68	7.4175039	-2.73E-02	171181391	171181514	NC_000002.11
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cg13027727	3.85E-07	5.01E-08	-5.67	7.3999886	-7.40E-02	61302112	61302235	NC_000011.9
cg07816873	3.85E-07	5.02E-08	-5.67	7.3991865	-5.94E-02	1100472	1100595	NC_000012.11
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cg27124512	3.85E-07	5.03E-08	-5.67	7.3975	-1.00E-01	31225350	31225473	NC_000016.9
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cg14422488	3.88E-07	5.05E-08	-5.67	7.3918878	-5.68E-02	32538997	32539120	NC_000001.10
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cg12651761	3.88E-07	5.06E-08	-5.67	7.3899804	-6.24E-02	18128022	18128145	NC_000017.10
cg26581200	3.88E-07	5.07E-08	-5.67	7.3896721	-7.92E-02	30637461	30637584	NC_000022.10
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cg05030077	3.89E-07	5.08E-08	-5.67	7.3879201	-3.24E-02	2255199	2255322	NC_000016.9
cg08601192	3.89E-07	5.08E-08	-5.67	7.3878778	-6.85E-02	131812878	131813001	NC_000010.10
cg01531701	3.89E-07	5.08E-08	-5.67	7.3875765	-4.02E-02	65675516	65675639	NC_000012.11
cg13791183	3.89E-07	5.08E-08	-5.67	7.3873559	-1.27E-01	41316697	41316820	NC_000019.9
cg22360678	3.90E-07	5.08E-08	-5.67	7.3864383	-7.62E-02	46412175	46412298	NC_000011.9

cg11575912	3.90E-07	5.09E-08	-5.67	7.385769	-1.76E-01	5828299	5828422	NC_000019.9
cg14242460	3.90E-07	5.09E-08	-5.67	7.3851126	-1.69E-02	5261506	5261629	NC_000006.11
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cg09484019	3.91E-07	5.10E-08	-5.67	7.3836574	-8.88E-02	90744132	90744255	NC_000015.9
cg04542977	3.91E-07	5.10E-08	-5.67	7.3822143	-1.22E-01	51982669	51982792	NC_000001.10
cg11797222	3.92E-07	5.11E-08	-5.67	7.3809702	-6.09E-02	66679417	66679540	NC_000015.9
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cg04609439	3.93E-07	5.13E-08	-5.67	7.3772638	-7.25E-02	32599417	32599540	NC_000016.9
cg12153373	3.93E-07	5.14E-08	-5.67	7.376445	-1.01E-01	113058725	113058848	NC_000002.11
cg12584520	3.94E-07	5.14E-08	-5.67	7.3756203	-1.48E-01	70637288	70637411	NC_000017.10
cg19680332	3.94E-07	5.14E-08	-5.67	7.3750746	-4.84E-02	112046088	112046211	NC_000011.9
cg23032316	3.94E-07	5.15E-08	-5.67	7.3738597	-3.87E-02	53715148	53715271	NC_000012.11
cg09615056	3.94E-07	5.15E-08	-5.67	7.3735663	-1.11E-01	1478718	1478841	NC_000016.9
cg16628205	3.94E-07	5.15E-08	-5.67	7.3735387	-1.29E-01	100240094	100240217	NC_000007.13
cg25594980	3.94E-07	5.15E-08	-5.67	7.3733963	-2.29E-02	179198508	179198631	NC_000001.10
cg18118490	3.94E-07	5.15E-08	-5.67	7.3733593	-4.45E-02	55240252	55240375	NC_000014.8
cg12596273	3.94E-07	5.15E-08	-5.67	7.373187	-1.07E-01	29080595	29080718	NC_000018.9
cg07988171	3.95E-07	5.15E-08	-5.67	7.3727942	-1.26E-01	16199419	16199542	NC_000019.9
cg01154241	3.95E-07	5.16E-08	-5.67	7.3710969	-2.04E-02	42996634	42996757	NC_000008.10
cg09985802	3.96E-07	5.17E-08	-5.67	7.3701566	-1.01E-01	126234119	126234242	NC_000010.10

cg27143664	3.96E-07	5.17E-08	-5.67	7.3697514	-1.11E-01	60032511	60032634	NC_000014.8
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cg14535274	3.96E-07	5.18E-08	-5.67	7.3686839	-1.11E-01	121151186	121151309	NC_000003.11
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cg06526020	3.98E-07	5.20E-08	-5.67	7.3645588	-9.65E-02	34308880	34309003	NC_000006.11
cg05968822	3.98E-07	5.20E-08	-5.67	7.3642076	-1.00E-01	226071684	226071807	NC_000001.10
cg26566660	3.98E-07	5.20E-08	-5.67	7.3639668	-3.53E-02	12610833	12610956	NC_000007.13
cg06441001	3.98E-07	5.20E-08	-5.67	7.3639464	-3.04E-02	89307764	89307887	NC_000016.9
cg14777341	3.98E-07	5.20E-08	-5.67	7.3637576	-1.09E-01	78992323	78992446	NC_000017.10
cg19307406	3.98E-07	5.20E-08	-5.67	7.363471	-9.93E-02	167874258	167874381	NC_000001.10
cg07145398	3.98E-07	5.21E-08	-5.67	7.3630202	-3.21E-02	61523374	61523497	NC_000017.10
cg16723982	3.98E-07	5.21E-08	-5.67	7.3630091	-1.20E-01	40225618	40225741	NC_000015.9
cg07833397	3.99E-07	5.21E-08	-5.66	7.3618893	-6.25E-02	77811499	77811622	NC_000017.10
cg11645306	3.99E-07	5.21E-08	-5.66	7.36165	-1.20E-01	46474064	46474187	NC_000018.9
cg00748432	3.99E-07	5.22E-08	-5.66	7.360705	-9.49E-02	18042722	18042845	NC_000022.10
cg08301779	4.00E-07	5.22E-08	-5.66	7.3599458	-5.92E-02	79442206	79442329	NC_000017.10
cg12214451	4.00E-07	5.23E-08	-5.66	7.3586856	-1.09E-01	114900175	114900298	NC_000004.11
cg13844237	4.00E-07	5.23E-08	-5.66	7.3577826	-1.07E-01	128284824	128284947	NC_000009.11
cg26800237	4.00E-07	5.24E-08	-5.66	7.3576617	-6.10E-02	16593426	16593549	NC_000017.10
cg06178383	4.01E-07	5.24E-08	-5.66	7.3559661	-1.13E-01	23213204	23213327	NC_000016.9
cg22321671	4.01E-07	5.25E-08	-5.66	7.3558523	-8.30E-02	32015226	32015349	NC_000006.11
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cg10960675	4.01E-07	5.25E-08	-5.66	7.354835	-4.73E-02	53994559	53994682	NC_000002.11
cg13823003	4.01E-07	5.25E-08	-5.66	7.3547661	-5.89E-02	72856049	72856172	NC_000017.10
cg14470594	4.02E-07	5.25E-08	-5.66	7.3546457	-2.61E-02	196014778	196014901	NC_000003.11
cg14530382	4.02E-07	5.26E-08	-5.66	7.3538586	-1.43E-01	6753525	6753648	NC_000019.9
cg02748419	4.02E-07	5.26E-08	-5.66	7.3535879	-1.24E-01	141868612	141868735	NC_000003.11
cg02053006	4.02E-07	5.26E-08	-5.66	7.3534822	-3.74E-02	238330319	238330442	NC_000002.11
cg25447461	4.02E-07	5.26E-08	-5.66	7.3530056	-3.61E-02	27920715	27920838	NC_000017.10
cg07238699	4.02E-07	5.26E-08	-5.66	7.3528051	-6.30E-02	71929673	71929796	NC_000005.9
cg13470735	4.02E-07	5.26E-08	-5.66	7.3522378	-7.62E-02	156678548	156678671	NC_000001.10
cg18725681	4.03E-07	5.28E-08	-5.66	7.3497344	-9.72E-02	42940213	42940336	NC_000020.10
cg19899972	4.04E-07	5.28E-08	-5.66	7.3495565	-1.30E-01	61624321	61624444	NC_000001.10
cg07136035	4.04E-07	5.28E-08	-5.66	7.3492758	-4.98E-02	8081484	8081607	NC_000004.11
cg15058557	4.04E-07	5.28E-08	-5.66	7.3491141	-8.76E-02	33169666	33169789	NC_000001.10
cg14533068	4.04E-07	5.28E-08	-5.66	7.3487048	-8.63E-02	158507953	158508076	NC_000006.11
cg03953069	4.04E-07	5.29E-08	-5.66	7.3476545	-9.07E-02	41948998	41949121	NC_000019.9
cg20338276	4.04E-07	5.29E-08	-5.66	7.3474677	-8.55E-02	73246585	73246708	NC_000017.10
cg24492140	4.04E-07	5.29E-08	-5.66	7.3471938	-8.49E-02	34392781	34392904	NC_000013.10
cg17477806	4.05E-07	5.30E-08	-5.66	7.346566	-8.41E-02	4543865	4543988	NC_000019.9
cg21587650	4.05E-07	5.30E-08	-5.66	7.34655	-5.11E-02	95044711	95044834	NC_000012.11
cg22902964	4.05E-07	5.30E-08	-5.66	7.3454085	-8.50E-02	40746370	40746493	NC_000013.10
cg02927448	4.05E-07	5.30E-08	-5.66	7.3453823	-9.77E-02	100532162	100532285	NC_000012.11
cg18335681	4.05E-07	5.30E-08	-5.66	7.3449545	-9.73E-02	1354361	1354484	NC_000019.9
cg09253762	4.06E-07	5.31E-08	-5.66	7.3437646	-5.52E-02	58165392	58165515	NC_000012.11
cg06391046	4.06E-07	5.31E-08	-5.66	7.343188	-4.82E-02	81478765	81478888	NC_000016.9
cg19128723	4.06E-07	5.32E-08	-5.66	7.3421734	-1.32E-02	105668237	105668360	NC_000010.10

cg03722525	4.07E-07	5.32E-08	-5.66	7.3417896	-5.00E-02	67381554	67381677	NC_000011.9
cg19724344	4.07E-07	5.32E-08	-5.66	7.3416675	-4.23E-02	877647	877770	NC_000001.10
cg25373430	4.07E-07	5.32E-08	-5.66	7.3416297	-1.13E-01	35220531	35220654	NC_000001.10
cg24038794	4.07E-07	5.32E-08	-5.66	7.3413367	-9.60E-02	74980569	74980692	NC_000002.11
cg23197862	4.07E-07	5.32E-08	-5.66	7.3411574	-1.44E-01	135732917	135733040	NC_000008.10
cg07906724	4.07E-07	5.33E-08	-5.66	7.3406804	-1.41E-01	42623946	42624069	NC_000008.10
cg18115693	4.07E-07	5.33E-08	-5.66	7.3405998	-6.10E-02	4968519	4968642	NC_000019.9
cg24356321	4.07E-07	5.33E-08	-5.66	7.3404685	-3.26E-02	186344702	186344825	NC_000001.10
cg00039505	4.07E-07	5.33E-08	-5.66	7.3403626	-4.00E-02	85855180	85855303	NC_000016.9
cg09274562	4.07E-07	5.33E-08	-5.66	7.3398567	-5.57E-02	88943375	88943498	NC_000014.8
cg21192698	4.07E-07	5.33E-08	-5.66	7.3398253	-9.96E-02	77256905	77257028	NC_000018.9
cg13593479	4.07E-07	5.34E-08	-5.66	7.3392273	-2.38E-02	149111749	149111872	NC_000005.9
cg19911494	4.08E-07	5.34E-08	-5.66	7.3386488	-1.26E-01	9169758	9169881	NC_000005.9
cg15512715	4.08E-07	5.34E-08	-5.66	7.33796	-1.14E-01	101539455	101539578	NC_000014.8
cg26681687	4.08E-07	5.34E-08	-5.66	7.3378564	-6.16E-02	77874155	77874278	NC_000004.11
cg20327862	4.08E-07	5.35E-08	-5.66	7.3369787	-5.45E-02	99076531	99076654	NC_000008.10
cg00527307	4.09E-07	5.35E-08	-5.66	7.3365971	-7.11E-02	34208894	34209017	NC_000013.10
cg07711556	4.09E-07	5.35E-08	-5.66	7.336592	-4.73E-02	111767584	111767707	NC_000010.10
cg24642523	4.09E-07	5.36E-08	-5.66	7.3354458	-7.87E-02	65009265	65009388	NC_000014.8
cg17104766	4.09E-07	5.36E-08	-5.66	7.3348957	-1.10E-01	66617333	66617456	NC_000002.11
cg10485411	4.10E-07	5.36E-08	-5.66	7.3338756	-4.75E-02	2328797	2328920	NC_000007.13
cg03040848	4.10E-07	5.37E-08	-5.66	7.333776	-9.77E-02	88993053	88993176	NC_000016.9
cg19035966	4.10E-07	5.37E-08	-5.66	7.3324946	-1.08E-01	143254408	143254531	NC_000008.10
cg17517390	4.10E-07	5.37E-08	-5.66	7.3322855	-5.61E-02	79108224	79108347	NC_000017.10
cg02345399	4.10E-07	5.38E-08	-5.66	7.3319387	-9.78E-02	65195039	65195162	NC_000011.9

cg22047013	4.11E-07	5.38E-08	-5.66	7.3311099	-1.00E-01	169593	169716	NC_000005.9
cg26631144	4.11E-07	5.39E-08	-5.66	7.3290136	-6.15E-02	30670260	30670383	NC_000008.10
cg23913350	4.11E-07	5.39E-08	-5.66	7.3289922	-6.84E-02	121414270	121414393	NC_000005.9
cg01667493	4.13E-07	5.41E-08	-5.66	7.3253387	-1.01E-01	101466750	101466873	NC_000007.13
cg20430841	4.13E-07	5.42E-08	-5.66	7.3244821	-1.60E-01	48998701	48998824	NC_000020.10
cg23389651	4.14E-07	5.42E-08	-5.66	7.3233018	-3.66E-02	95327390	95327513	NC_000013.10
cg10351829	4.14E-07	5.42E-08	-5.66	7.3232168	-8.30E-02	134661550	134661673	NC_000010.10
cg01646610	4.14E-07	5.43E-08	-5.66	7.3217363	-3.27E-02	19976784	19976907	NC_000019.9
cg20519665	4.14E-07	5.43E-08	-5.66	7.3216169	-6.38E-02	136497758	136497881	NC_000003.11
cg21388543	4.15E-07	5.44E-08	-5.66	7.3208724	-6.30E-02	129793080	129793203	NC_000007.13
cg15107884	4.15E-07	5.44E-08	-5.66	7.3204208	-2.84E-02	38180343	38180466	NC_000003.11
cg02088470	4.15E-07	5.44E-08	-5.66	7.3199886	-8.89E-02	1551251	1551374	NC_000010.10
cg03282600	4.16E-07	5.45E-08	-5.66	7.3187498	-9.44E-02	129744870	129744993	NC_000003.11
cg21885995	4.16E-07	5.45E-08	-5.66	7.3179877	-1.02E-01	74069256	74069379	NC_000017.10
cg21725265	4.16E-07	5.45E-08	-5.66	7.3176654	-1.68E-02	19051201	19051324	NC_000019.9
cg02121104	4.16E-07	5.46E-08	-5.66	7.3173049	-4.94E-02	75470314	75470437	NC_000014.8
cg13643774	4.17E-07	5.47E-08	-5.66	7.3154292	-2.20E-02	132176807	132176930	NC_000009.11
cg13940160	4.17E-07	5.47E-08	-5.66	7.3146465	-5.42E-02	49548413	49548536	NC_000020.10
cg23197460	4.17E-07	5.47E-08	-5.65	7.314277	-4.77E-02	144436129	144436252	NC_000004.11
cg20575915	4.18E-07	5.47E-08	-5.65	7.3141327	-2.31E-02	204399975	204400098	NC_000002.11
cg23151014	4.18E-07	5.48E-08	-5.65	7.313553	-1.45E-01	2418311	2418434	NC_000004.11
cg20297566	4.19E-07	5.49E-08	-5.65	7.3116452	-3.38E-02	99979976	99980099	NC_000003.11
cg02645135	4.19E-07	5.49E-08	-5.65	7.3115526	-1.30E-01	69516238	69516361	NC_000016.9
cg23192899	4.19E-07	5.49E-08	-5.65	7.3115399	-3.38E-02	55746287	55746410	NC_000002.11
cg12265878	4.19E-07	5.49E-08	-5.65	7.3108275	-1.70E-01	41995442	41995565	NC_000007.13

cg18067096	4.19E-07	5.50E-08	-5.65	7.3104139	-1.18E-01	223598699	223598822	NC_000002.11
cg20634127	4.19E-07	5.50E-08	-5.65	7.3101722	-2.02E-02	70964082	70964205	NC_000011.9
cg01188235	4.19E-07	5.50E-08	-5.65	7.3098832	-7.92E-02	62535090	62535213	NC_000015.9
cg09556700	4.20E-07	5.50E-08	-5.65	7.3090682	-1.13E-01	2230668	2230791	NC_000001.10
cg14326991	4.20E-07	5.51E-08	-5.65	7.3087645	-1.14E-01	46889760	46889883	NC_000006.11
cg01112899	4.20E-07	5.51E-08	-5.65	7.3081391	-9.36E-02	44278309	44278432	NC_000007.13
cg06946838	4.20E-07	5.51E-08	-5.65	7.3079417	-1.37E-01	114563609	114563732	NC_000007.13
cg06886827	4.20E-07	5.51E-08	-5.65	7.3076611	-6.75E-02	242954224	242954347	NC_000002.11
cg09971591	4.20E-07	5.51E-08	-5.65	7.3074513	-1.01E-01	131525196	131525319	NC_000002.11
cg23530619	4.20E-07	5.51E-08	-5.65	7.3074407	-9.04E-02	87441563	87441686	NC_000005.9
cg05715751	4.20E-07	5.52E-08	-5.65	7.306988	-1.09E-01	79391071	79391194	NC_000017.10
cg11874426	4.20E-07	5.52E-08	-5.65	7.306653	-8.97E-02	118781731	118781854	NC_000011.9
cg12762449	4.21E-07	5.52E-08	-5.65	7.3064522	-5.86E-02	113672808	113672931	NC_000013.10
cg07513768	4.21E-07	5.52E-08	-5.65	7.3062778	-1.15E-01	69744528	69744651	NC_000015.9
cg07243762	4.21E-07	5.52E-08	-5.65	7.3062299	-1.23E-01	125030744	125030867	NC_000012.11
cg13077745	4.21E-07	5.52E-08	-5.65	7.3061538	-9.20E-02	60623592	60623715	NC_000011.9
cg08996748	4.21E-07	5.52E-08	-5.65	7.305627	-1.05E-01	40651036	40651159	NC_000015.9
cg20466045	4.21E-07	5.53E-08	-5.65	7.3047956	-5.24E-02	30445936	30446059	NC_000021.8
cg22230229	4.22E-07	5.53E-08	-5.65	7.3038326	-1.05E-01	79372254	79372377	NC_000017.10
cg04448477	4.22E-07	5.53E-08	-5.65	7.3034996	-1.17E-01	55095148	55095271	NC_000004.11
cg05416643	4.22E-07	5.54E-08	-5.65	7.3025967	-1.17E-02	48557332	48557455	NC_000018.9
cg27278980	4.22E-07	5.54E-08	-5.65	7.3023894	-7.45E-02	54475673	54475796	NC_000012.11
cg25315252	4.22E-07	5.54E-08	-5.65	7.3017952	-4.05E-02	81839033	81839156	NC_000010.10
cg14758812	4.22E-07	5.54E-08	-5.65	7.3017787	-9.39E-02	103090818	103090941	NC_000010.10
cg11939346	4.23E-07	5.55E-08	-5.65	7.3007195	-6.81E-02	123813454	123813577	NC_000003.11

cg18086594	4.23E-07	5.56E-08	-5.65	7.2997333	-3.48E-02	44803244	44803367	NC_000003.11
cg18174075	4.24E-07	5.56E-08	-5.65	7.2988273	-9.66E-02	96443165	96443288	NC_000010.10
cg07783491	4.24E-07	5.57E-08	-5.65	7.2980172	-8.27E-02	23029611	23029734	NC_000013.10
cg08183490	4.24E-07	5.57E-08	-5.65	7.2978316	-2.80E-02	212004261	212004384	NC_000001.10
cg14145667	4.25E-07	5.58E-08	-5.65	7.296197	-1.04E-01	909533	909656	NC_000019.9
cg11001780	4.25E-07	5.58E-08	-5.65	7.2961711	-8.32E-02	623056	623179	NC_000010.10
cg04196516	4.25E-07	5.58E-08	-5.65	7.2954811	-1.03E-01	50667955	50668078	NC_000016.9
cg16652790	4.25E-07	5.58E-08	-5.65	7.2951713	-9.32E-03	776895	777018	NC_000016.9
cg24334803	4.25E-07	5.59E-08	-5.65	7.2942634	-3.79E-02	249132834	249132957	NC_000001.10
cg15260921	4.26E-07	5.59E-08	-5.65	7.2938916	-1.04E-01	226308960	226309083	NC_000001.10
cg05772155	4.26E-07	5.59E-08	-5.65	7.2937549	-9.71E-02	65801432	65801555	NC_000010.10
cg25110511	4.26E-07	5.59E-08	-5.65	7.2934584	-3.00E-02	32821376	32821499	NC_000006.11
cg05967340	4.26E-07	5.60E-08	-5.65	7.2929171	-9.85E-02	54146616	54146739	NC_000016.9
cg19537645	4.26E-07	5.60E-08	-5.65	7.292499	-1.51E-02	172199418	172199541	NC_000005.9
cg09086442	4.26E-07	5.60E-08	-5.65	7.2924124	-1.10E-01	168079212	168079335	NC_000006.11
cg20674701	4.26E-07	5.60E-08	-5.65	7.2922544	-8.91E-02	10591081	10591204	NC_000008.10
cg02956542	4.26E-07	5.60E-08	-5.65	7.2920912	-8.31E-02	153321421	153321544	NC_000001.10
cg05203213	4.26E-07	5.60E-08	-5.65	7.2918	-9.14E-02	73419551	73419674	NC_000002.11
cg18866792	4.27E-07	5.61E-08	-5.65	7.2910447	-1.23E-01	217152056	217152179	NC_000002.11
cg11014582	4.27E-07	5.61E-08	-5.65	7.2907464	-1.11E-01	76333727	76333850	NC_000013.10
cg06496454	4.27E-07	5.61E-08	-5.65	7.2907269	-8.30E-02	4807062	4807185	NC_000007.13
cg23201830	4.27E-07	5.61E-08	-5.65	7.2902876	-1.08E-01	228735790	228735913	NC_000002.11
cg08655662	4.27E-07	5.61E-08	-5.65	7.290171	-1.37E-01	41438590	41438713	NC_000006.11
cg02936468	4.27E-07	5.61E-08	-5.65	7.2899001	-1.13E-02	77642970	77643093	NC_000009.11
cg06777902	4.27E-07	5.61E-08	-5.65	7.2896499	-8.12E-02	127622996	127623119	NC_000010.10



cg00951869	4.27E-07	5.62E-08	-5.65	7.2893668	-9.05E-02	24805349	24805472	NC_000014.8
cg07415373	4.27E-07	5.62E-08	-5.65	7.2892933	-9.64E-02	27153015	27153138	NC_000022.10
cg22663995	4.28E-07	5.62E-08	-5.65	7.2887645	-2.19E-02	24921616	24921739	NC_000022.10
cg17392047	4.28E-07	5.62E-08	-5.65	7.2886592	-9.92E-02	65247138	65247261	NC_000011.9
cg14345882	4.28E-07	5.62E-08	-5.65	7.288377	-1.36E-01	26364793	26364916	NC_000006.11
cg17657737	4.28E-07	5.63E-08	-5.65	7.2877675	-6.14E-02	45224950	45225073	NC_000003.11
cg01422243	4.28E-07	5.63E-08	-5.65	7.286912	-8.98E-02	22725309	22725432	NC_000010.10
cg20012366	4.28E-07	5.63E-08	-5.65	7.2865735	-8.25E-02	76813828	76813951	NC_000011.9
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cg26857378	4.29E-07	5.64E-08	-5.65	7.2858042	-2.18E-02	1102112	1102235	NC_000010.10
cg03752330	4.29E-07	5.64E-08	-5.65	7.2847506	-2.63E-02	45004907	45005030	NC_000019.9
cg13655303	4.29E-07	5.64E-08	-5.65	7.2847061	-1.38E-01	56134648	56134771	NC_000020.10
cg12311644	4.30E-07	5.65E-08	-5.65	7.2840692	-3.45E-02	31687046	31687169	NC_000022.10
cg26585100	4.30E-07	5.65E-08	-5.65	7.2836331	-9.93E-02	84078960	84079083	NC_000016.9
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cg04416734	4.31E-07	5.66E-08	-5.65	7.2814287	-1.02E-01	30075192	30075315	NC_000016.9
cg24298684	4.31E-07	5.66E-08	-5.65	7.2811812	-8.84E-02	54823878	54824001	NC_000020.10
cg03078520	4.31E-07	5.67E-08	-5.65	7.2808513	-9.64E-02	18463400	18463523	NC_000022.10
cg14792904	4.31E-07	5.67E-08	-5.65	7.2807615	-2.52E-02	88299623	88299746	NC_000006.11
cg26984593	4.31E-07	5.67E-08	-5.65	7.2804588	-8.94E-02	14051636	14051759	NC_000010.10
cg14261863	4.31E-07	5.67E-08	-5.65	7.2798782	-3.36E-02	45035638	45035761	NC_000020.10
cg07457785	4.32E-07	5.68E-08	-5.65	7.2791071	-3.86E-02	29760096	29760219	NC_000006.11
cg11237792	4.32E-07	5.68E-08	-5.65	7.2786666	-1.10E-01	178484058	178484181	NC_000002.11
cg24119674	4.32E-07	5.68E-08	-5.65	7.2776908	-1.19E-01	79648146	79648269	NC_000010.10

cg13446863	4.32E-07	5.69E-08	-5.65	7.2774587	-8.54E-02	139259726	139259849	NC_000009.11
cg01152374	4.32E-07	5.69E-08	-5.65	7.2771173	-1.32E-01	69817071	69817194	NC_000015.9
cg24382249	4.33E-07	5.69E-08	-5.65	7.276806	-9.86E-02	66947171	66947294	NC_000015.9
cg17189494	4.33E-07	5.69E-08	-5.65	7.2764738	-5.36E-02	11740665	11740788	NC_000001.10
cg24874612	4.33E-07	5.69E-08	-5.65	7.2763271	-1.20E-01	4689765	4689888	NC_000017.10
cg08423507	4.33E-07	5.70E-08	-5.65	7.2756038	-8.45E-02	51177982	51178105	NC_000022.10
cg04630848	4.33E-07	5.70E-08	-5.65	7.2754477	-4.22E-02	62886664	62886787	NC_000020.10
cg01468309	4.33E-07	5.70E-08	-5.65	7.2745095	-4.53E-02	12398904	12399027	NC_000011.9
cg18574813	4.35E-07	5.72E-08	-5.65	7.2719982	-9.54E-02	72381308	72381431	NC_000011.9
cg03160935	4.35E-07	5.72E-08	-5.65	7.2712085	-1.00E-01	132242593	132242716	NC_000009.11
cg06285727	4.35E-07	5.72E-08	-5.65	7.2709967	-9.84E-02	72524028	72524151	NC_000011.9
cg21838952	4.35E-07	5.72E-08	-5.65	7.2709242	-3.87E-02	64197566	64197689	NC_000015.9
cg13173567	4.35E-07	5.73E-08	-5.65	7.2705615	-1.03E-01	9172290	9172413	NC_000011.9
cg10994639	4.35E-07	5.73E-08	-5.65	7.2702814	-8.46E-02	167789455	167789578	NC_000001.10
cg08899471	4.36E-07	5.73E-08	-5.65	7.2695223	-1.02E-01	1058439	1058562	NC_000001.10
cg00491021	4.36E-07	5.73E-08	-5.65	7.2689541	-1.38E-01	42064880	42065003	NC_000008.10
cg13063704	4.36E-07	5.74E-08	-5.65	7.2684385	-4.10E-02	48885665	48885788	NC_000003.11
cg01504447	4.36E-07	5.74E-08	-5.65	7.2684236	-1.36E-01	31041221	31041344	NC_000013.10
cg07041428	4.36E-07	5.74E-08	-5.65	7.2680124	-1.22E-01	1763019	1763142	NC_000004.11
cg13807386	4.36E-07	5.74E-08	-5.65	7.267307	-6.59E-02	139098502	139098625	NC_000009.11
cg14905466	4.37E-07	5.75E-08	-5.65	7.2666881	-9.19E-02	134499143	134499266	NC_000006.11
cg13597417	4.37E-07	5.75E-08	-5.65	7.2657424	-7.52E-02	18380354	18380477	NC_000017.10
cg25961816	4.37E-07	5.75E-08	-5.65	7.2656665	-1.32E-01	121972775	121972898	NC_000006.11
cg22219450	4.38E-07	5.76E-08	-5.64	7.2642326	-9.75E-02	34244798	34244921	NC_000011.9
cg12960305	4.38E-07	5.77E-08	-5.64	7.2634286	-1.36E-02	2794616	2794739	NC_000004.11

cg02160738	4.38E-07	5.77E-08	-5.64	7.2631813	-9.04E-02	60961816	60961939	NC_000011.9
cg11674763	4.38E-07	5.77E-08	-5.64	7.2627165	-9.34E-02	8833332	8833455	NC_000002.11
cg14485377	4.38E-07	5.77E-08	-5.64	7.2624462	-3.61E-02	52931826	52931949	NC_000003.11
cg02325160	4.39E-07	5.78E-08	-5.64	7.2619045	-1.06E-01	187621836	187621959	NC_000004.11
cg27645858	4.39E-07	5.78E-08	-5.64	7.26134	-6.60E-02	238005812	238005935	NC_000002.11
cg13655082	4.39E-07	5.78E-08	-5.64	7.2612547	-1.00E-01	125109046	125109169	NC_000009.11
cg23627948	4.39E-07	5.78E-08	-5.64	7.2608935	-1.45E-01	2760692	2760815	NC_000007.13
cg06569121	4.39E-07	5.78E-08	-5.64	7.2607715	-7.78E-02	38459667	38459790	NC_000008.10
cg11254847	4.39E-07	5.78E-08	-5.64	7.2607368	-9.68E-02	1435489	1435612	NC_000011.9
ch.2.71774667F	4.39E-07	5.78E-08	-5.64	7.2606448	-7.37E-02	71921159	71921282	NC_000002.11
cg23976981	4.39E-07	5.79E-08	-5.64	7.2600803	-1.20E-01	22560659	22560782	NC_000013.10
cg23620622	4.39E-07	5.79E-08	-5.64	7.2599948	-1.14E-02	202508287	202508410	NC_000002.11
cg26490758	4.40E-07	5.79E-08	-5.64	7.2592743	-1.48E-01	3372937	3373060	NC_000010.10
ch.20.661824R	4.40E-07	5.80E-08	-5.64	7.2577952	-2.08E-02	32868459	32868582	NC_000020.10
cg11786833	4.41E-07	5.80E-08	-5.64	7.2572172	-8.04E-02	41884697	41884820	NC_000001.10
cg15402619	4.41E-07	5.81E-08	-5.64	7.2565742	-1.99E-02	62205886	62206009	NC_000020.10
cg01193769	4.41E-07	5.82E-08	-5.64	7.2554537	-9.81E-02	55107097	55107220	NC_000018.9
cg11363229	4.42E-07	5.82E-08	-5.64	7.2552847	-1.03E-01	196065320	196065443	NC_000003.11
cg04932840	4.42E-07	5.82E-08	-5.64	7.2547683	-8.83E-02	34077141	34077264	NC_000017.10
cg06873916	4.42E-07	5.82E-08	-5.64	7.2543443	-1.89E-01	89410196	89410319	NC_000016.9
cg05129572	4.42E-07	5.82E-08	-5.64	7.2542451	-9.68E-02	56138634	56138757	NC_000015.9
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cg03249917	4.42E-07	5.82E-08	-5.64	7.2539422	-1.10E-01	1733988	1734111	NC_000007.13
cg15612186	4.42E-07	5.82E-08	-5.64	7.2539103	-3.82E-02	167523069	167523192	NC_000001.10
cg26419621	4.42E-07	5.83E-08	-5.64	7.2536271	-1.03E-02	28833787	28833910	NC_000001.10

cg19005830	4.42E-07	5.83E-08	-5.64	7.2533805	-6.84E-02	55467175	55467298	NC_000008.10
cg20975733	4.42E-07	5.83E-08	-5.64	7.2532493	-1.20E-01	87155056	87155179	NC_000015.9
cg19492423	4.42E-07	5.83E-08	-5.64	7.253037	-1.25E-01	18700933	18701056	NC_000019.9
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cg21485120	4.43E-07	5.83E-08	-5.64	7.252738	-5.70E-02	31707746	31707869	NC_000006.11
cg05293897	4.43E-07	5.83E-08	-5.64	7.252605	-1.11E-01	226913713	226913836	NC_000002.11
cg15856626	4.43E-07	5.84E-08	-5.64	7.2517976	-1.39E-01	140796013	140796136	NC_000003.11
cg03857553	4.43E-07	5.84E-08	-5.64	7.2517154	-8.28E-02	29976613	29976736	NC_000022.10
cg15058645	4.43E-07	5.84E-08	-5.64	7.250762	-1.25E-01	175528343	175528466	NC_000002.11
cg26371771	4.44E-07	5.85E-08	-5.64	7.2493855	-1.56E-02	49518360	49518483	NC_000006.11
cg05164406	4.44E-07	5.85E-08	-5.64	7.2493624	-1.19E-01	29830908	29831031	NC_000016.9
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cg27127272	4.44E-07	5.86E-08	-5.64	7.2484373	-9.83E-02	31377624	31377747	NC_000013.10
cg24856456	4.45E-07	5.86E-08	-5.64	7.247753	-3.52E-02	56923352	56923475	NC_000008.10
cg02131862	4.45E-07	5.86E-08	-5.64	7.2476345	-8.45E-02	31654844	31654967	NC_000021.8
cg16205850	4.45E-07	5.87E-08	-5.64	7.2468095	-4.44E-02	75118021	75118144	NC_000015.9
cg17787502	4.45E-07	5.87E-08	-5.64	7.2458087	-1.27E-01	123452994	123453117	NC_000003.11
cg00449189	4.46E-07	5.88E-08	-5.64	7.2440964	-6.50E-02	22011008	22011131	NC_000022.10
cg20100545	4.46E-07	5.88E-08	-5.64	7.2440834	-9.18E-02	19361158	19361281	NC_000019.9
cg16371477	4.46E-07	5.89E-08	-5.64	7.243814	-6.46E-02	24838828	24838951	NC_000014.8
cg03004985	4.46E-07	5.89E-08	-5.64	7.2437349	-7.16E-02	46735695	46735818	NC_000003.11
ch.7.2864275F	4.47E-07	5.89E-08	-5.64	7.2433357	-3.01E-02	137653600	137653723	NC_000007.13
cg05774464	4.47E-07	5.89E-08	-5.64	7.242838	-4.58E-02	72738350	72738473	NC_000007.13
cg16808455	4.47E-07	5.90E-08	-5.64	7.2418253	-3.59E-02	12309071	12309194	NC_000018.9

cg01794799	4.47E-07	5.90E-08	-5.64	7.2415478	-1.21E-01	69931877	69932000	NC_000014.8
cg02138756	4.48E-07	5.90E-08	-5.64	7.2406551	-2.33E-02	685505	685628	NC_000012.11
cg06234624	4.48E-07	5.91E-08	-5.64	7.2404484	-3.51E-02	27181559	27181682	NC_000017.10
cg10416593	4.48E-07	5.91E-08	-5.64	7.2393464	-7.17E-02	50966123	50966246	NC_000022.10
cg06024079	4.48E-07	5.91E-08	-5.64	7.239154	-5.93E-02	61905527	61905650	NC_000017.10
cg06815361	4.49E-07	5.92E-08	-5.64	7.2378886	-3.38E-02	42659977	42660100	NC_000008.10
cg08253704	4.49E-07	5.92E-08	-5.64	7.2378675	-1.35E-01	30653242	30653365	NC_000006.11
cg15771763	4.49E-07	5.92E-08	-5.64	7.2373736	-4.05E-02	83350584	83350707	NC_000004.11
cg01035190	4.49E-07	5.93E-08	-5.64	7.2370615	-9.14E-02	49560930	49561053	NC_000019.9
cg19502932	4.49E-07	5.93E-08	-5.64	7.2363528	-2.50E-02	6640663	6640786	NC_000011.9
cg02454464	4.50E-07	5.93E-08	-5.64	7.2361304	-3.61E-02	49957206	49957329	NC_000019.9
cg13596773	4.51E-07	5.94E-08	-5.64	7.2339505	-5.88E-02	123465968	123466091	NC_000012.11
cg03162506	4.51E-07	5.95E-08	-5.64	7.2337369	-8.55E-02	38580953	38581076	NC_000022.10
cg00777445	4.51E-07	5.95E-08	-5.64	7.2330386	-1.30E-01	48970357	48970480	NC_000017.10
cg07284379	4.51E-07	5.95E-08	-5.64	7.2329529	-8.36E-02	100681386	100681509	NC_000015.9
cg13977280	4.51E-07	5.95E-08	-5.64	7.2329311	-1.35E-01	3387765	3387888	NC_000004.11
ch.15.75593923F	4.51E-07	5.95E-08	-5.64	7.2324415	-4.94E-02	77806868	77806991	NC_000015.9
cg07963147	4.52E-07	5.96E-08	-5.64	7.2308301	-1.03E-01	141086820	141086943	NC_000003.11
cg26247880	4.52E-07	5.97E-08	-5.64	7.23051	-8.69E-02	1131424	1131547	NC_000017.10
cg20478261	4.52E-07	5.97E-08	-5.64	7.2302852	-9.41E-02	79017421	79017544	NC_000017.10
cg03701805	4.53E-07	5.97E-08	-5.64	7.2291028	-6.84E-02	122452418	122452541	NC_000005.9
cg11963755	4.53E-07	5.98E-08	-5.64	7.2287611	-6.15E-02	214477205	214477328	NC_000001.10
cg00325139	4.54E-07	5.99E-08	-5.64	7.2270278	-1.30E-01	57178623	57178746	NC_000006.11
cg22808351	4.54E-07	5.99E-08	-5.64	7.2262285	-5.71E-02	156783633	156783756	NC_000001.10
cg18110822	4.54E-07	5.99E-08	-5.64	7.2259748	-6.24E-02	4459358	4459481	NC_000003.11

cg10784110	4.54E-07	5.99E-08	-5.64	7.2259272	-6.34E-02	1173356	1173479	NC_000001.10
cg06829366	4.54E-07	6.00E-08	-5.64	7.2250485	-6.33E-02	65677377	65677500	NC_000015.9
cg13838843	4.55E-07	6.00E-08	-5.64	7.2244454	-1.36E-01	140419935	140420058	NC_000009.11
cg04497752	4.55E-07	6.01E-08	-5.64	7.2234733	-9.40E-02	1228946	1229069	NC_000011.9
cg22193385	4.55E-07	6.01E-08	-5.64	7.2228506	-8.18E-02	52638005	52638128	NC_000012.11
cg02876341	4.56E-07	6.02E-08	-5.64	7.2222399	-4.16E-02	140783585	140783708	NC_000004.11
cg00575769	4.56E-07	6.02E-08	-5.64	7.2220347	-7.15E-02	22079255	22079378	NC_000008.10
cg09659400	4.56E-07	6.02E-08	-5.64	7.2215619	-1.13E-01	43744673	43744796	NC_000020.10
cg05603367	4.56E-07	6.03E-08	-5.64	7.2209011	-5.89E-02	73511020	73511143	NC_000002.11
cg09829263	4.56E-07	6.03E-08	-5.64	7.2208313	-1.32E-01	49066969	49067092	NC_000013.10
cg02152985	4.57E-07	6.04E-08	-5.64	7.2190094	-1.19E-01	3064023	3064146	NC_000002.11
cg01180831	4.57E-07	6.04E-08	-5.64	7.2187853	-1.07E-01	89361469	89361592	NC_000014.8
cg23489403	4.57E-07	6.04E-08	-5.64	7.2183206	-3.59E-02	150247256	150247379	NC_000006.11
cg00220243	4.58E-07	6.04E-08	-5.64	7.2178575	-7.48E-02	132330135	132330258	NC_000009.11
cg14152948	4.58E-07	6.05E-08	-5.64	7.2172633	-2.98E-02	60382305	60382428	NC_000018.9
cg13921420	4.58E-07	6.06E-08	-5.63	7.2157903	-1.07E-01	27551747	27551870	NC_000013.10
cg25748524	4.59E-07	6.06E-08	-5.63	7.2153523	-7.60E-02	71969834	71969957	NC_000017.10
cg15597405	4.59E-07	6.06E-08	-5.63	7.2152915	-1.95E-02	4607312	4607435	NC_000017.10
cg20391556	4.59E-07	6.06E-08	-5.63	7.2145849	-2.67E-02	21357028	21357151	NC_000022.10
cg26925463	4.59E-07	6.06E-08	-5.63	7.2145128	-1.40E-01	134139309	134139432	NC_000007.13
cg07896735	4.60E-07	6.07E-08	-5.63	7.2130356	-1.75E-02	124030508	124030631	NC_000009.11
cg04554131	4.60E-07	6.08E-08	-5.63	7.2123583	-1.30E-01	25291540	25291663	NC_000001.10
ch.17.1132965F	4.60E-07	6.08E-08	-5.63	7.2115581	-3.12E-02	41613916	41614039	NC_000017.10
cg21129006	4.60E-07	6.08E-08	-5.63	7.2114772	-1.36E-01	4023078	4023201	NC_000012.11
cg19653701	4.60E-07	6.08E-08	-5.63	7.2114589	-8.34E-02	24161085	24161208	NC_000002.11

cg15485440	4.60E-07	6.09E-08	-5.63	7.2111575	-1.88E-02	31632968	31633091	NC_000006.11
cg10785311	4.61E-07	6.09E-08	-5.63	7.2097475	-4.70E-02	50135515	50135638	NC_000012.11
cg07703783	4.62E-07	6.10E-08	-5.63	7.2083749	-5.33E-02	89070719	89070842	NC_000016.9
cg25806558	4.62E-07	6.10E-08	-5.63	7.208343	-1.28E-02	40058716	40058839	NC_000004.11
cg09225449	4.62E-07	6.10E-08	-5.63	7.2083274	-4.56E-02	138728367	138728490	NC_000005.9
cg16456337	4.62E-07	6.11E-08	-5.63	7.2079874	-2.30E-02	112312164	112312287	NC_000005.9
cg05587756	4.62E-07	6.11E-08	-5.63	7.2078869	-1.61E-02	10874734	10874857	NC_000012.11
cg18170080	4.62E-07	6.11E-08	-5.63	7.2077764	-2.20E-02	124631981	124632104	NC_000011.9
cg16054590	4.62E-07	6.11E-08	-5.63	7.2072259	-3.43E-02	179846986	179847109	NC_000001.10
cg14199423	4.62E-07	6.11E-08	-5.63	7.206793	-9.11E-02	6721892	6722015	NC_000012.11
cg08776014	4.63E-07	6.12E-08	-5.63	7.2063664	-1.18E-01	43183039	43183162	NC_000021.8
cg14540150	4.63E-07	6.12E-08	-5.63	7.205535	-1.28E-02	126849760	126849883	NC_000010.10
cg01785339	4.63E-07	6.12E-08	-5.63	7.2052729	-3.16E-02	224544456	224544579	NC_000001.10
cg25889581	4.63E-07	6.13E-08	-5.63	7.2049023	-1.08E-01	16708336	16708459	NC_000004.11
cg00571809	4.63E-07	6.13E-08	-5.63	7.2048354	-1.07E-01	3397113	3397236	NC_000001.10
cg19231632	4.63E-07	6.13E-08	-5.63	7.2043208	-1.40E-02	49661071	49661194	NC_000019.9
cg12852187	4.64E-07	6.13E-08	-5.63	7.2037577	-1.50E-01	231903372	231903495	NC_000002.11
cg18614510	4.64E-07	6.13E-08	-5.63	7.2035731	-1.18E-01	47081903	47082026	NC_000022.10
cg04973995	4.64E-07	6.14E-08	-5.63	7.2029658	-4.80E-02	74057977	74058100	NC_000010.10
cg24051057	4.65E-07	6.15E-08	-5.63	7.2015186	-6.96E-02	112358409	112358532	NC_000003.11
cg23106940	4.65E-07	6.15E-08	-5.63	7.2015065	-9.54E-02	25223659	25223782	NC_000002.11
cg01586116	4.65E-07	6.15E-08	-5.63	7.2009328	-6.58E-02	134326017	134326140	NC_000002.11
cg11113363	4.65E-07	6.15E-08	-5.63	7.2006469	-6.09E-02	3184547	3184670	NC_000001.10
cg18247436	4.65E-07	6.15E-08	-5.63	7.2005234	-5.78E-02	120856646	120856769	NC_000011.9
cg00632466	4.66E-07	6.16E-08	-5.63	7.1996981	-7.02E-02	98610888	98611011	NC_000008.10

cg11225751	4.66E-07	6.17E-08	-5.63	7.1983306	-9.84E-02	22901661	22901784	NC_000022.10
cg19741173	4.66E-07	6.17E-08	-5.63	7.1983241	-5.66E-02	1448419	1448542	NC_000020.10
cg17087499	4.66E-07	6.17E-08	-5.63	7.1982001	-1.08E-01	237706764	237706887	NC_000001.10
cg14489199	4.66E-07	6.17E-08	-5.63	7.19817	-1.11E-01	101453431	101453554	NC_000014.8
cg09303645	4.66E-07	6.17E-08	-5.63	7.1979094	-6.86E-02	31138958	31139081	NC_000012.11
cg22242539	4.66E-07	6.17E-08	-5.63	7.1976604	-7.41E-02	1665220	1665343	NC_000017.10
cg02671333	4.66E-07	6.17E-08	-5.63	7.1975148	-7.52E-02	39806102	39806225	NC_000019.9
cg00188547	4.67E-07	6.18E-08	-5.63	7.1967223	-2.96E-02	101162809	101162932	NC_000008.10
cg05170515	4.67E-07	6.18E-08	-5.63	7.1964771	-2.91E-02	24899109	24899232	NC_000014.8
cg20836669	4.67E-07	6.18E-08	-5.63	7.1957299	-2.69E-02	14165521	14165644	NC_000016.9
cg25847024	4.68E-07	6.19E-08	-5.63	7.1950786	-3.01E-02	111991376	111991499	NC_000001.10
cg12967370	4.68E-07	6.19E-08	-5.63	7.1949479	-1.99E-02	94983049	94983172	NC_000005.9
cg12428447	4.68E-07	6.19E-08	-5.63	7.1942293	-9.89E-02	62753072	62753195	NC_000011.9
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cg16404784	4.68E-07	6.20E-08	-5.63	7.1935046	-1.10E-01	38087605	38087728	NC_000014.8
cg19261810	4.68E-07	6.20E-08	-5.63	7.1934732	-1.10E-01	38754529	38754652	NC_000019.9
cg25565479	4.68E-07	6.20E-08	-5.63	7.1929231	-4.13E-02	93861779	93861902	NC_000011.9
cg14443077	4.69E-07	6.20E-08	-5.63	7.1927211	-4.04E-02	68606701	68606824	NC_000011.9
cg19617213	4.69E-07	6.21E-08	-5.63	7.1917368	-8.18E-02	1074926	1075049	NC_000019.9
cg03681834	4.69E-07	6.21E-08	-5.63	7.1907295	-7.72E-02	41481358	41481481	NC_000011.9
cg25709789	4.70E-07	6.22E-08	-5.63	7.1903298	-7.57E-02	27739916	27740039	NC_000017.10
cg12084235	4.70E-07	6.22E-08	-5.63	7.1901499	-5.25E-02	1986896	1987019	NC_000011.9
cg06034336	4.70E-07	6.22E-08	-5.63	7.1898354	-1.22E-01	177365023	177365146	NC_000004.11
cg20366258	4.70E-07	6.22E-08	-5.63	7.189805	-4.19E-02	113404078	113404201	NC_000002.11



cg14112569	4.70E-07	6.22E-08	-5.63	7.1892457	-1.40E-01	124604450	124604573	NC_000003.11
cg02077216	4.70E-07	6.23E-08	-5.63	7.1890577	-1.32E-01	57753951	57754074	NC_000005.9
cg22396498	4.70E-07	6.23E-08	-5.63	7.1886162	-1.01E-01	91141539	91141662	NC_000015.9
cg21889116	4.71E-07	6.24E-08	-5.63	7.1875671	-1.99E-02	56685548	56685671	NC_000008.10
cg14131824	4.71E-07	6.24E-08	-5.63	7.1868423	-9.41E-02	1490487	1490610	NC_000017.10
cg18836689	4.72E-07	6.25E-08	-5.63	7.1858062	-1.33E-01	69708392	69708515	NC_000014.8
cg09163998	4.72E-07	6.25E-08	-5.63	7.1853612	-2.57E-02	48103707	48103830	NC_000019.9
cg14788749	4.72E-07	6.25E-08	-5.63	7.1853267	-3.46E-02	35937309	35937432	NC_000022.10
cg06755309	4.72E-07	6.26E-08	-5.63	7.1841937	-2.94E-02	141704660	141704783	NC_000005.9
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cg03577591	4.73E-07	6.26E-08	-5.63	7.1836271	-4.27E-02	90893390	90893513	NC_000007.13
cg03635073	4.73E-07	6.26E-08	-5.63	7.1835238	-1.03E-01	20499293	20499416	NC_000011.9
cg02525705	4.74E-07	6.28E-08	-5.63	7.180735	-4.41E-02	32145146	32145269	NC_000006.11
cg25605174	4.74E-07	6.29E-08	-5.63	7.1797172	-9.26E-02	1106175	1106298	NC_000001.10
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cg08705285	4.75E-07	6.29E-08	-5.63	7.1788454	-8.38E-02	72431919	72432042	NC_000010.10
cg15012662	4.75E-07	6.29E-08	-5.63	7.1785637	-1.39E-01	122443513	122443636	NC_000007.13
cg09368875	4.75E-07	6.30E-08	-5.63	7.1781901	-6.51E-02	110949563	110949686	NC_000001.10
cg03517073	4.75E-07	6.30E-08	-5.63	7.1781689	-6.55E-02	239957283	239957406	NC_000002.11
cg03296370	4.75E-07	6.30E-08	-5.63	7.1781416	-7.34E-02	39323216	39323339	NC_000003.11
cg25100604	4.75E-07	6.30E-08	-5.63	7.1777159	-2.34E-02	70314404	70314527	NC_000002.11
cg24629972	4.76E-07	6.31E-08	-5.63	7.1760101	-8.81E-02	43147439	43147562	NC_000008.10
cg07163475	4.77E-07	6.32E-08	-5.63	7.1749001	-2.67E-02	70716862	70716985	NC_000010.10

cg01440489	4.77E-07	6.32E-08	-5.63	7.1747172	-7.90E-02	41593385	41593508	NC_000013.10
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cg01053241	4.77E-07	6.33E-08	-5.63	7.1731696	-1.28E-01	17352834	17352957	NC_000008.10
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cg00015024	4.78E-07	6.34E-08	-5.63	7.1713252	-1.89E-02	97803045	97803168	NC_000010.10
cg24491704	4.78E-07	6.34E-08	-5.63	7.1712287	-7.38E-02	38693552	38693675	NC_000004.11
cg24332767	4.79E-07	6.35E-08	-5.63	7.1702688	-7.64E-02	184871524	184871647	NC_000003.11
cg16488098	4.79E-07	6.35E-08	-5.63	7.1701696	-7.28E-02	131240440	131240563	NC_000007.13
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cg20376249	4.82E-07	6.40E-08	-5.62	7.1621222	-3.93E-02	81904401	81904524	NC_000008.10
cg02964602	4.83E-07	6.40E-08	-5.62	7.1614526	-7.02E-02	203130213	203130336	NC_000002.11
cg05462570	4.83E-07	6.41E-08	-5.62	7.1602598	-1.04E-01	64814948	64815071	NC_000011.9
cg04098479	4.84E-07	6.42E-08	-5.62	7.1595398	-4.99E-02	1994849	1994972	NC_000004.11

cg06823512	4.84E-07	6.42E-08	-5.62	7.1595006	-5.63E-02	97055282	97055405	NC_000010.10
cg09203382	4.84E-07	6.43E-08	-5.62	7.1583215	-4.98E-02	99151099	99151222	NC_000006.11
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cg20436037	4.84E-07	6.43E-08	-5.62	7.1581263	-1.18E-01	33879989	33880112	NC_000020.10
cg22784047	4.84E-07	6.43E-08	-5.62	7.1576541	-6.78E-02	29824542	29824665	NC_000016.9
cg09245698	4.85E-07	6.43E-08	-5.62	7.1569664	-9.42E-02	159084370	159084493	NC_000006.11
cg01587064	4.85E-07	6.44E-08	-5.62	7.1565374	-9.24E-02	75878127	75878250	NC_000011.9
cg05982345	4.85E-07	6.44E-08	-5.62	7.1564046	-5.73E-02	48191068	48191191	NC_000011.9
cg16253790	4.85E-07	6.44E-08	-5.62	7.1563836	-2.60E-02	238876124	238876247	NC_000002.11
cg08992972	4.85E-07	6.44E-08	-5.62	7.156152	-1.04E-01	148271271	148271394	NC_000006.11
cg23137807	4.85E-07	6.44E-08	-5.62	7.1558293	-2.56E-02	37393578	37393701	NC_000015.9
cg09729182	4.85E-07	6.44E-08	-5.62	7.1553816	-6.83E-02	121964928	121965051	NC_000003.11
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cg04930921	4.86E-07	6.46E-08	-5.62	7.153637	-9.99E-02	3447796	3447919	NC_000004.11
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cg03382121	4.87E-07	6.46E-08	-5.62	7.1529448	-6.73E-02	33291921	33292044	NC_000006.11
cg19048403	4.87E-07	6.46E-08	-5.62	7.1527487	-1.14E-01	7942488	7942611	NC_000019.9
cg21293933	4.87E-07	6.46E-08	-5.62	7.1525952	-9.41E-02	42539946	42540069	NC_000020.10
cg10054398	4.87E-07	6.47E-08	-5.62	7.1520515	-8.33E-02	42208040	42208163	NC_000001.10
cg15208480	4.87E-07	6.47E-08	-5.62	7.1518662	-5.29E-02	1905312	1905435	NC_000019.9
cg05547778	4.87E-07	6.47E-08	-5.62	7.1517381	-1.37E-01	40600279	40600402	NC_000015.9
cg26512925	4.87E-07	6.47E-08	-5.62	7.1513776	-9.98E-02	85519061	85519184	NC_000016.9
cg12167489	4.88E-07	6.48E-08	-5.62	7.1502244	-1.09E-01	30290489	30290612	NC_000008.10
cg26729913	4.88E-07	6.48E-08	-5.62	7.1497539	-7.00E-02	79135071	79135194	NC_000017.10
cg15058266	4.88E-07	6.49E-08	-5.62	7.1493257	-4.56E-02	228246263	228246386	NC_000001.10

cg10068989	4.88E-07	6.49E-08	-5.62	7.1492088	-9.43E-02	129244122	129244245	NC_000011.9
cg14373988	4.89E-07	6.49E-08	-5.62	7.1479483	-1.17E-01	2345333	2345456	NC_000001.10
cg21770145	4.89E-07	6.49E-08	-5.62	7.1479034	-1.20E-01	79869997	79870120	NC_000017.10
cg09351859	4.89E-07	6.50E-08	-5.62	7.1475127	-2.73E-02	49962613	49962736	NC_000005.9
cg26974214	4.89E-07	6.50E-08	-5.62	7.1475036	-1.30E-01	91151885	91152008	NC_000010.10
cg01353073	4.89E-07	6.50E-08	-5.62	7.1468154	-1.13E-01	1965080	1965203	NC_000016.9
cg14661385	4.90E-07	6.51E-08	-5.62	7.1460081	-3.47E-02	173846308	173846431	NC_000005.9
cg06341100	4.90E-07	6.51E-08	-5.62	7.1456947	-1.23E-01	68138908	68139031	NC_000011.9
ch.15.1166704F	4.90E-07	6.51E-08	-5.62	7.145386	-5.60E-02	73663757	73663880	NC_000015.9
cg16617628	4.90E-07	6.51E-08	-5.62	7.1450889	-2.02E-02	19733794	19733917	NC_000011.9
cg10362335	4.90E-07	6.52E-08	-5.62	7.1448541	-1.24E-01	6670109	6670232	NC_000019.9
cg20074340	4.90E-07	6.52E-08	-5.62	7.1446288	-1.07E-01	113651420	113651543	NC_000013.10
cg25746903	4.91E-07	6.52E-08	-5.62	7.1438319	-5.81E-02	117811278	117811401	NC_000001.10
cg19671694	4.91E-07	6.52E-08	-5.62	7.1436626	-7.92E-02	60971696	60971819	NC_000020.10
cg14972814	4.91E-07	6.52E-08	-5.62	7.1436371	-1.05E-01	95582409	95582532	NC_000011.9
cg27057022	4.91E-07	6.52E-08	-5.62	7.1434271	-8.84E-02	54227790	54227913	NC_000016.9
cg13599051	4.92E-07	6.53E-08	-5.62	7.1423284	-4.19E-02	96387677	96387800	NC_000008.10
cg22152438	4.92E-07	6.53E-08	-5.62	7.1419584	-8.23E-02	86120442	86120565	NC_000001.10
ch.5.2255319R	4.92E-07	6.54E-08	-5.62	7.1411288	-2.01E-02	123799603	123799726	NC_000005.9
cg27121538	4.92E-07	6.54E-08	-5.62	7.140792	-8.30E-02	91646263	91646386	NC_000015.9
cg01194712	4.92E-07	6.54E-08	-5.62	7.1405185	-2.96E-02	91643885	91644008	NC_000014.8
cg13381679	4.93E-07	6.55E-08	-5.62	7.1399493	-1.13E-01	90746138	90746261	NC_000015.9
cg01496185	4.93E-07	6.55E-08	-5.62	7.1394798	-1.87E-02	122513349	122513472	NC_000002.11
cg25244238	4.93E-07	6.55E-08	-5.62	7.1394228	-1.42E-01	6730713	6730836	NC_000019.9
cg06841846	4.93E-07	6.56E-08	-5.62	7.1386062	-6.77E-02	28564094	28564217	NC_000017.10

cg12341757	4.94E-07	6.56E-08	-5.62	7.1380795	-3.72E-02	134582241	134582364	NC_000008.10
cg25885684	4.94E-07	6.57E-08	-5.62	7.1373991	-1.16E-01	100048426	100048549	NC_000015.9
ch.10.2027377R	4.94E-07	6.57E-08	-5.62	7.1369258	-1.63E-02	97373679	97373802	NC_000010.10
cg03653855	4.94E-07	6.57E-08	-5.62	7.136362	-9.81E-02	146436093	146436216	NC_000005.9
cg17965698	4.95E-07	6.57E-08	-5.62	7.1360236	-6.43E-02	42927384	42927507	NC_000006.11
cg08202287	4.95E-07	6.58E-08	-5.62	7.1358903	-1.19E-01	232259281	232259404	NC_000002.11
cg20320905	4.95E-07	6.58E-08	-5.62	7.1357395	-5.19E-02	91848150	91848273	NC_000002.11
cg08107354	4.95E-07	6.58E-08	-5.62	7.135274	-7.83E-02	174890570	174890693	NC_000002.11
cg12004276	4.95E-07	6.58E-08	-5.62	7.135194	-1.20E-01	33913586	33913709	NC_000011.9
cg07270851	4.95E-07	6.58E-08	-5.62	7.1351435	-2.10E-02	65779332	65779455	NC_000011.9
cg08066917	4.95E-07	6.58E-08	-5.62	7.1351378	-6.17E-02	167764146	167764269	NC_000006.11
ch.15.1454355R	4.95E-07	6.58E-08	-5.62	7.1348795	-1.28E-02	86300571	86300694	NC_000015.9
cg20392616	4.95E-07	6.59E-08	-5.62	7.1340545	-9.15E-02	135392013	135392136	NC_000007.13
cg23072981	4.95E-07	6.59E-08	-5.62	7.1340074	-5.04E-02	112812751	112812874	NC_000002.11
cg09683562	4.96E-07	6.60E-08	-5.62	7.1320598	-9.01E-02	29297516	29297639	NC_000017.10
cg00593404	4.96E-07	6.60E-08	-5.62	7.1320157	-6.88E-02	52377740	52377863	NC_000006.11
cg14673904	4.97E-07	6.61E-08	-5.62	7.1314257	-1.21E-01	46609063	46609186	NC_000012.11
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cg00702638	4.97E-07	6.61E-08	-5.62	7.1303146	-3.08E-02	44803293	44803416	NC_000003.11
cg01042640	4.97E-07	6.62E-08	-5.62	7.1298329	-6.08E-02	74446218	74446341	NC_000016.9
cg21903817	4.98E-07	6.62E-08	-5.62	7.12977	-6.81E-02	56406118	56406241	NC_000017.10
cg11184569	4.98E-07	6.62E-08	-5.62	7.129225	-1.14E-01	38004268	38004391	NC_000013.10
cg01845583	4.98E-07	6.62E-08	-5.62	7.1292119	-3.87E-02	133066520	133066643	NC_000012.11
cg04488647	4.98E-07	6.63E-08	-5.62	7.1283761	-8.64E-02	3389969	3390092	NC_000001.10
cg01307555	4.98E-07	6.63E-08	-5.62	7.1281385	-9.88E-02	73871915	73872038	NC_000002.11

cg02543202	4.98E-07	6.63E-08	-5.62	7.1281179	-5.67E-02	120516858	120516981	NC_000002.11
cg24635109	4.98E-07	6.63E-08	-5.62	7.1279181	-1.22E-01	154640892	154641015	NC_000006.11
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cg10974980	5.00E-07	6.65E-08	-5.62	7.1245693	-1.15E-01	74243781	74243904	NC_000015.9
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cg27173148	5.08E-07	6.77E-08	-5.61	7.1075681	-7.57E-02	1203001	1203124	NC_000004.11

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cg10822172	5.12E-07	6.82E-08	-5.61	7.1001936	-8.28E-02	28338757	28338880	NC_000007.13



cg06984255	5.12E-07	6.82E-08	-5.61	7.0999146	-1.28E-01	104991193	104991316	NC_000010.10
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cg12244647	5.13E-07	6.84E-08	-5.61	7.0981072	-1.20E-01	50737978	50738101	NC_000022.10
cg22195220	5.13E-07	6.84E-08	-5.61	7.097823	-5.12E-02	45937072	45937195	NC_000018.9
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cg19551485	5.14E-07	6.85E-08	-5.61	7.0958054	-1.33E-01	55693182	55693305	NC_000003.11
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cg17329534	5.15E-07	6.87E-08	-5.61	7.0933132	-9.93E-02	154980743	154980866	NC_000001.10
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cg17673205	5.15E-07	6.87E-08	-5.61	7.0931916	-5.36E-02	61245365	61245488	NC_000002.11
cg25206071	5.15E-07	6.87E-08	-5.61	7.0931501	-1.22E-01	207007273	207007396	NC_000001.10
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cg07359215	5.15E-07	6.87E-08	-5.61	7.0929249	-1.68E-02	66907117	66907240	NC_000016.9
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cg21849932	5.17E-07	6.89E-08	-5.61	7.0903197	-1.06E-01	62369462	62369585	NC_000020.10
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cg19209385	5.17E-07	6.89E-08	-5.61	7.0902608	-3.03E-02	53659379	53659502	NC_000006.11
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cg01950958	5.17E-07	6.90E-08	-5.61	7.089534	-5.41E-02	145589783	145589906	NC_000001.10

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cg25894551	5.19E-07	6.92E-08	-5.61	7.0861831	-9.41E-02	117699851	117699974	NC_000011.9
cg03859561	5.19E-07	6.92E-08	-5.61	7.0860742	-5.89E-02	32767555	32767678	NC_000007.13
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ch.1.3571010R	5.19E-07	6.93E-08	-5.61	7.0848206	-2.77E-02	182824678	182824801	NC_000001.10
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cg20845639	5.19E-07	6.93E-08	-5.61	7.0844613	-7.78E-02	23430886	23431009	NC_000008.10
cg09033641	5.20E-07	6.93E-08	-5.61	7.0840907	-1.06E-01	89436838	89436961	NC_000016.9
cg04343927	5.20E-07	6.94E-08	-5.61	7.0840086	-1.32E-01	1167423	1167546	NC_000004.11
cg05829046	5.20E-07	6.94E-08	-5.61	7.0839536	-6.16E-02	2557446	2557569	NC_000007.13
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cg11808099	5.20E-07	6.94E-08	-5.61	7.0837465	-6.18E-02	120387083	120387206	NC_000001.10
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cg20090551	5.20E-07	6.94E-08	-5.61	7.0827591	-2.20E-02	2421291	2421414	NC_000011.9
cg16072754	5.20E-07	6.95E-08	-5.61	7.0825055	-1.13E-01	150723904	150724027	NC_000007.13
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ch.3.541014R	5.21E-07	6.96E-08	-5.61	7.0811412	-4.55E-02	25654052	25654175	NC_000003.11
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cg25251459	5.22E-07	6.98E-08	-5.61	7.0780103	-1.50E-01	74731371	74731494	NC_000002.11
cg04962005	5.22E-07	6.98E-08	-5.61	7.0778818	-9.88E-02	64979111	64979234	NC_000011.9
cg10103850	5.23E-07	6.99E-08	-5.61	7.0770761	-1.37E-01	40658891	40659014	NC_000002.11
cg17516185	5.23E-07	6.99E-08	-5.61	7.0769954	-1.39E-02	108746651	108746774	NC_000004.11
cg22495636	5.23E-07	6.99E-08	-5.61	7.0769948	-5.36E-02	113698951	113699074	NC_000013.10
cg20683565	5.23E-07	6.99E-08	-5.61	7.0769138	-4.83E-02	104179492	104179615	NC_000010.10
cg01835474	5.23E-07	6.99E-08	-5.61	7.0768646	-1.05E-01	106679299	106679422	NC_000002.11
cg19697109	5.23E-07	6.99E-08	-5.61	7.0764773	-9.40E-02	4869088	4869211	NC_000010.10
cg12080831	5.23E-07	6.99E-08	-5.61	7.0763696	-1.21E-01	121697428	121697551	NC_000002.11
ch.12.206169F	5.23E-07	6.99E-08	-5.61	7.0763251	-8.44E-03	7044838	7044961	NC_000012.11
cg03845852	5.23E-07	6.99E-08	-5.61	7.0760047	-1.04E-01	19886414	19886537	NC_000005.9
cg11319300	5.23E-07	6.99E-08	-5.61	7.0757679	-8.60E-02	131779920	131780043	NC_000011.9
cg25280938	5.23E-07	7.00E-08	-5.61	7.0756309	-4.25E-02	6543803	6543926	NC_000007.13
cg00314000	5.24E-07	7.00E-08	-5.61	7.0750565	-5.33E-02	61977683	61977806	NC_000002.11
cg04591018	5.24E-07	7.00E-08	-5.61	7.0745396	-8.96E-02	77997302	77997425	NC_000016.9

cg05300939	5.24E-07	7.00E-08	-5.61	7.0744059	-4.88E-02	44587523	44587646	NC_000011.9
cg08137040	5.24E-07	7.01E-08	-5.61	7.0741254	-1.24E-01	127033695	127033818	NC_000007.13
cg04017769	5.24E-07	7.01E-08	-5.61	7.0739227	-1.06E-01	38644939	38645062	NC_000008.10
cg01570589	5.24E-07	7.01E-08	-5.61	7.073878	-1.28E-01	150121725	150121848	NC_000001.10
cg21216944	5.24E-07	7.01E-08	-5.61	7.0738731	-8.31E-02	99107799	99107922	NC_000009.11
cg17513943	5.25E-07	7.01E-08	-5.61	7.0732864	-1.16E-02	27444487	27444610	NC_000010.10
cg06508062	5.25E-07	7.02E-08	-5.61	7.0724905	-1.38E-01	38063872	38063995	NC_000021.8
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cg21579854	5.25E-07	7.02E-08	-5.61	7.0722376	-6.10E-02	70970629	70970752	NC_000009.11
cg10140957	5.26E-07	7.03E-08	-5.6	7.0711101	-5.45E-02	58768477	58768600	NC_000016.9
cg16780688	5.26E-07	7.04E-08	-5.6	7.0700125	-7.63E-02	120220073	120220196	NC_000008.10
cg22478258	5.26E-07	7.04E-08	-5.6	7.0698734	-1.17E-01	36237982	36238105	NC_000006.11
cg12489547	5.27E-07	7.04E-08	-5.6	7.0690816	-9.86E-02	15959637	15959760	NC_000011.9
cg11114757	5.27E-07	7.04E-08	-5.6	7.0689462	-8.88E-02	102216909	102217032	NC_000011.9
cg14164839	5.27E-07	7.04E-08	-5.6	7.0687907	-9.06E-02	26823481	26823604	NC_000001.10
cg00836101	5.27E-07	7.05E-08	-5.6	7.0681072	-6.83E-02	39876248	39876371	NC_000015.9
cg25369015	5.27E-07	7.05E-08	-5.6	7.0678263	-2.64E-02	9599256	9599379	NC_000001.10
cg16964946	5.27E-07	7.05E-08	-5.6	7.0676968	-1.10E-01	27442973	27443096	NC_000011.9
cg24039393	5.28E-07	7.06E-08	-5.6	7.0671743	-3.35E-02	149195094	149195217	NC_000007.13
cg01044731	5.28E-07	7.06E-08	-5.6	7.0667222	-2.71E-02	24554006	24554129	NC_000013.10
cg17794241	5.28E-07	7.06E-08	-5.6	7.0665981	-5.54E-02	74658653	74658776	NC_000015.9
cg15381475	5.28E-07	7.06E-08	-5.6	7.066361	-1.26E-01	6436101	6436224	NC_000007.13
cg26549174	5.28E-07	7.07E-08	-5.6	7.0660108	-1.40E-01	10381355	10381478	NC_000019.9
cg26369418	5.28E-07	7.07E-08	-5.6	7.0659049	-6.14E-02	131409352	131409475	NC_000005.9
cg16239278	5.29E-07	7.08E-08	-5.6	7.0645579	-1.32E-01	170200291	170200414	NC_000005.9

cg07132686	5.29E-07	7.08E-08	-5.6	7.0642595	-5.85E-02	243603467	243603590	NC_000001.10
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cg21972990	5.29E-07	7.08E-08	-5.6	7.0640212	-2.41E-02	41473063	41473186	NC_000006.11
cg21877281	5.29E-07	7.08E-08	-5.6	7.0639529	-2.33E-02	122751255	122751378	NC_000012.11
cg06214220	5.29E-07	7.08E-08	-5.6	7.0637211	-1.71E-02	36400252	36400375	NC_000009.11
ch.2.47286786F	5.29E-07	7.08E-08	-5.6	7.0635701	-5.36E-02	47433282	47433405	NC_000002.11
cg11698035	5.30E-07	7.09E-08	-5.6	7.0631655	-4.14E-02	73105356	73105479	NC_000017.10
cg08281371	5.30E-07	7.09E-08	-5.6	7.0627986	-7.89E-02	76662056	76662179	NC_000017.10
cg07197230	5.30E-07	7.09E-08	-5.6	7.0626325	-1.15E-01	17956641	17956764	NC_000022.10
cg19479935	5.30E-07	7.09E-08	-5.6	7.062516	-1.04E-01	155895608	155895731	NC_000007.13
cg24141663	5.30E-07	7.09E-08	-5.6	7.0623558	-8.12E-02	203095747	203095870	NC_000001.10
cg12109797	5.30E-07	7.10E-08	-5.6	7.0615433	-1.58E-01	86414553	86414676	NC_000008.10
cg18498263	5.30E-07	7.10E-08	-5.6	7.061512	-9.36E-02	91034963	91035086	NC_000014.8
cg27508180	5.31E-07	7.11E-08	-5.6	7.0604275	-5.39E-02	94039079	94039202	NC_000007.13
cg25881591	5.31E-07	7.11E-08	-5.6	7.0599586	-8.32E-02	131779935	131780058	NC_000011.9
cg14886850	5.32E-07	7.11E-08	-5.6	7.0592273	-7.10E-02	75122289	75122412	NC_000014.8
cg03503297	5.32E-07	7.12E-08	-5.6	7.0590363	-3.33E-02	30441811	30441934	NC_000016.9
cg15602677	5.32E-07	7.12E-08	-5.6	7.0581116	-1.03E-01	1166067	1166190	NC_000002.11
cg06197769	5.33E-07	7.13E-08	-5.6	7.0573178	-1.59E-01	12868983	12869106	NC_000012.11
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cg17275551	5.33E-07	7.14E-08	-5.6	7.0555524	-8.74E-02	39462994	39463117	NC_000006.11
cg04854089	5.34E-07	7.14E-08	-5.6	7.0552351	-1.08E-01	46355137	46355260	NC_000011.9
cg25149251	5.34E-07	7.15E-08	-5.6	7.0548961	-9.05E-02	100488527	100488650	NC_000007.13
cg20321265	5.34E-07	7.15E-08	-5.6	7.0546177	-1.04E-01	17542027	17542150	NC_000001.10
cg24848787	5.34E-07	7.15E-08	-5.6	7.0545874	-1.51E-01	58844359	58844482	NC_000015.9

cg27150460	5.34E-07	7.15E-08	-5.6	7.0543636	-6.54E-02	67515916	67516039	NC_000016.9
cg16462006	5.35E-07	7.16E-08	-5.6	7.0533802	-1.38E-01	95155784	95155907	NC_000014.8
cg03523426	5.35E-07	7.16E-08	-5.6	7.0532568	-3.98E-02	75147006	75147129	NC_000002.11
cg06372654	5.35E-07	7.17E-08	-5.6	7.0522592	-1.09E-01	128044655	128044778	NC_000007.13
cg22677858	5.36E-07	7.17E-08	-5.6	7.0514664	-1.03E-01	201797722	201797845	NC_000001.10
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cg18790382	5.36E-07	7.18E-08	-5.6	7.0499371	-8.87E-02	68748584	68748707	NC_000011.9
cg23566447	5.37E-07	7.19E-08	-5.6	7.0488021	-6.52E-02	143890458	143890581	NC_000006.11
cg21752660	5.37E-07	7.19E-08	-5.6	7.0483359	-1.14E-01	52824726	52824849	NC_000015.9
cg02687417	5.38E-07	7.20E-08	-5.6	7.0470557	-9.83E-03	43977232	43977355	NC_000020.10
cg17315844	5.38E-07	7.21E-08	-5.6	7.0468974	-1.51E-01	10249113	10249236	NC_000005.9
cg12627948	5.38E-07	7.21E-08	-5.6	7.0463226	-6.97E-02	49892292	49892415	NC_000007.13
cg07645299	5.39E-07	7.21E-08	-5.6	7.0457635	-9.12E-02	63991864	63991987	NC_000002.11
cg16293118	5.39E-07	7.22E-08	-5.6	7.0452691	-1.07E-01	102105006	102105129	NC_000013.10
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cg11891591	5.40E-07	7.23E-08	-5.6	7.0436887	-1.04E-01	2302474	2302597	NC_000019.9
cg13002189	5.40E-07	7.23E-08	-5.6	7.0435624	-8.10E-02	66846049	66846172	NC_000003.11
cg00712181	5.40E-07	7.23E-08	-5.6	7.0429214	-6.47E-02	71577188	71577311	NC_000010.10
cg07122794	5.40E-07	7.24E-08	-5.6	7.0420357	-2.33E-02	113299370	113299493	NC_000002.11
cg00758881	5.41E-07	7.25E-08	-5.6	7.0412338	-1.72E-01	58534681	58534804	NC_000016.9
cg13255190	5.41E-07	7.25E-08	-5.6	7.0412322	-5.63E-02	4829286	4829409	NC_000012.11
cg02348876	5.41E-07	7.25E-08	-5.6	7.0405937	-4.67E-02	21683513	21683636	NC_000008.10
cg18094961	5.41E-07	7.25E-08	-5.6	7.040456	-9.03E-02	45155744	45155867	NC_000010.10
cg19640263	5.42E-07	7.26E-08	-5.6	7.0399519	-2.80E-02	62414186	62414309	NC_000011.9

cg16553574	5.42E-07	7.26E-08	-5.6	7.039836	-4.57E-02	64839175	64839298	NC_000007.13
cg03176993	5.43E-07	7.27E-08	-5.6	7.0381427	-1.24E-01	188664887	188665010	NC_000003.11
cg15487725	5.44E-07	7.28E-08	-5.6	7.0362628	-1.08E-01	21524938	21525061	NC_000014.8
cg04944393	5.44E-07	7.29E-08	-5.6	7.0361655	-6.29E-02	46748208	46748331	NC_000002.11
cg02365900	5.44E-07	7.29E-08	-5.6	7.035751	-1.28E-01	81050089	81050212	NC_000017.10
cg15373767	5.44E-07	7.29E-08	-5.6	7.0354505	-9.76E-02	30951328	30951451	NC_000007.13
cg01779903	5.44E-07	7.29E-08	-5.6	7.0353939	-5.97E-02	148205646	148205769	NC_000005.9
cg01334831	5.44E-07	7.29E-08	-5.6	7.0349552	-1.30E-01	114832833	114832956	NC_000013.10
cg25065535	5.44E-07	7.29E-08	-5.6	7.0349091	-7.34E-02	123374885	123375008	NC_000004.11
cg01475577	5.44E-07	7.29E-08	-5.6	7.0348989	-7.11E-02	128829615	128829738	NC_000007.13
cg06586265	5.45E-07	7.30E-08	-5.6	7.0343594	-1.15E-01	170040557	170040680	NC_000003.11
cg07148318	5.45E-07	7.30E-08	-5.6	7.0337239	-8.66E-02	145115260	145115383	NC_000008.10
cg10322124	5.45E-07	7.31E-08	-5.6	7.0333184	-1.19E-01	74331865	74331988	NC_000008.10
cg07663571	5.45E-07	7.31E-08	-5.6	7.0328061	-1.38E-02	69455493	69455616	NC_000011.9
cg26133909	5.46E-07	7.31E-08	-5.6	7.0323975	-1.10E-01	79762963	79763086	NC_000005.9
cg24523403	5.46E-07	7.32E-08	-5.6	7.0317412	-2.46E-02	27525514	27525637	NC_000003.11
cg12688265	5.46E-07	7.32E-08	-5.6	7.031373	-4.47E-02	155197843	155197966	NC_000001.10
cg17870569	5.46E-07	7.32E-08	-5.6	7.0313552	-8.95E-02	84513930	84514053	NC_000002.11
cg08345575	5.46E-07	7.32E-08	-5.6	7.0311823	-2.47E-02	4524283	4524406	NC_000016.9
cg00594191	5.47E-07	7.33E-08	-5.6	7.0302843	-1.05E-01	11755103	11755226	NC_000010.10
cg06618764	5.47E-07	7.33E-08	-5.6	7.0300441	-5.72E-02	2719090	2719213	NC_000007.13
cg11348257	5.47E-07	7.33E-08	-5.6	7.0300065	-1.22E-01	76556226	76556349	NC_000001.10
cg19736397	5.47E-07	7.34E-08	-5.6	7.0291144	-1.79E-02	75947899	75948022	NC_000007.13
cg25488160	5.47E-07	7.34E-08	-5.6	7.0290912	-1.10E-01	133097868	133097991	NC_000003.11
cg20534702	5.47E-07	7.34E-08	-5.6	7.0290143	-1.27E-01	4752170	4752293	NC_000007.13

cg22516975	5.48E-07	7.35E-08	-5.6	7.0281655	-7.42E-02	1617465	1617588	NC_000017.10
cg09309024	5.48E-07	7.35E-08	-5.6	7.0279967	-7.69E-02	29837267	29837390	NC_000016.9
cg09076650	5.48E-07	7.35E-08	-5.6	7.0273516	-8.87E-02	73424891	73425014	NC_000007.13
ch.2.235177505R	5.48E-07	7.35E-08	-5.6	7.0270706	-2.72E-02	235512766	235512889	NC_000002.11
cg20598768	5.49E-07	7.36E-08	-5.6	7.0263998	-3.20E-02	154193039	154193162	NC_000001.10
cg21403759	5.49E-07	7.36E-08	-5.6	7.025748	-1.22E-01	38739258	38739381	NC_000007.13
cg24277817	5.50E-07	7.37E-08	-5.6	7.0248236	-1.62E-01	13135662	13135785	NC_000019.9
cg15469802	5.50E-07	7.38E-08	-5.6	7.023884	-1.04E-01	11293699	11293822	NC_000003.11
cg25649655	5.50E-07	7.38E-08	-5.6	7.0234454	-3.89E-02	145692504	145692627	NC_000008.10
cg02237755	5.51E-07	7.39E-08	-5.59	7.0227679	-9.71E-02	102107925	102108048	NC_000010.10
cg15204119	5.52E-07	7.40E-08	-5.59	7.0209171	-3.31E-02	10613180	10613303	NC_000019.9
cg07669260	5.52E-07	7.40E-08	-5.59	7.0207989	-4.43E-02	88316847	88316970	NC_000002.11
cg18373855	5.52E-07	7.40E-08	-5.59	7.0206459	-1.31E-01	159360209	159360332	NC_000006.11
cg05422352	5.53E-07	7.42E-08	-5.59	7.0182504	-6.25E-02	232650747	232650870	NC_000002.11
cg07832203	5.53E-07	7.43E-08	-5.59	7.0174058	-6.35E-02	161050227	161050350	NC_000001.10
cg15539901	5.54E-07	7.44E-08	-5.59	7.0157138	-4.02E-02	124084814	124084937	NC_000008.10
cg22614327	5.54E-07	7.44E-08	-5.59	7.0156302	-8.29E-02	17750198	17750321	NC_000001.10
cg26055446	5.55E-07	7.44E-08	-5.59	7.0151863	-8.65E-02	33245990	33246113	NC_000006.11
cg00772868	5.55E-07	7.45E-08	-5.59	7.014364	-5.47E-02	151814981	151815104	NC_000006.11
cg18883807	5.56E-07	7.46E-08	-5.59	7.0134937	-8.76E-02	96493999	96494122	NC_000014.8
cg09035838	5.56E-07	7.46E-08	-5.59	7.0128628	-5.01E-02	82400683	82400806	NC_000011.9
cg21007089	5.56E-07	7.46E-08	-5.59	7.012503	-2.51E-02	41408316	41408439	NC_000015.9
cg00722097	5.56E-07	7.46E-08	-5.59	7.012484	-2.75E-02	111195976	111196099	NC_000006.11
cg17526887	5.57E-07	7.47E-08	-5.59	7.0116164	-1.18E-01	223918000	223918123	NC_000002.11
cg01233487	5.57E-07	7.47E-08	-5.59	7.01119	-8.02E-02	114312686	114312809	NC_000013.10



cg16520712	5.57E-07	7.48E-08	-5.59	7.01079	-1.02E-01	1616450	1616573	NC_000008.10
cg05098566	5.57E-07	7.48E-08	-5.59	7.0104356	-2.22E-01	30652282	30652405	NC_000006.11
cg06358970	5.57E-07	7.48E-08	-5.59	7.0104269	-1.19E-01	85664826	85664949	NC_000002.11
cg13963793	5.57E-07	7.48E-08	-5.59	7.0103674	-1.02E-01	223567173	223567296	NC_000001.10
cg02981620	5.58E-07	7.49E-08	-5.59	7.0097006	-2.12E-02	82632974	82633097	NC_000008.10
cg18394496	5.58E-07	7.49E-08	-5.59	7.0095138	-2.31E-02	62554881	62555004	NC_000011.9
cg11277143	5.58E-07	7.49E-08	-5.59	7.0093719	-8.70E-02	10334372	10334495	NC_000002.11
cg22316451	5.58E-07	7.49E-08	-5.59	7.0093408	-1.15E-01	60645197	60645320	NC_000020.10
cg18054725	5.58E-07	7.49E-08	-5.59	7.0092237	-9.80E-02	10450472	10450595	NC_000019.9
cg26010191	5.58E-07	7.49E-08	-5.59	7.0089674	-1.12E-02	15701432	15701555	NC_000002.11
cg15300837	5.58E-07	7.50E-08	-5.59	7.0083156	-9.34E-02	38803955	38804078	NC_000006.11
ch.14.25380199R	5.59E-07	7.50E-08	-5.59	7.0078813	-2.63E-02	26310359	26310482	NC_000014.8
cg21999991	5.59E-07	7.50E-08	-5.59	7.0077733	-6.09E-02	4202764	4202887	NC_000020.10
cg04215968	5.59E-07	7.51E-08	-5.59	7.0069903	-3.24E-02	220253068	220253191	NC_000002.11
cg03353000	5.59E-07	7.51E-08	-5.59	7.0067282	-4.16E-02	41252913	41253036	NC_000022.10
cg13900770	5.60E-07	7.52E-08	-5.59	7.0058021	-9.26E-02	74663636	74663759	NC_000001.10
cg07739604	5.60E-07	7.53E-08	-5.59	7.0044288	-1.21E-01	124950990	124951113	NC_000012.11
cg16137564	5.61E-07	7.53E-08	-5.59	7.0038339	-1.11E-01	89024217	89024340	NC_000014.8
cg11941507	5.61E-07	7.54E-08	-5.59	7.0028619	-4.85E-02	133524510	133524633	NC_000003.11
cg19160555	5.62E-07	7.55E-08	-5.59	7.001972	-1.81E-02	143267454	143267577	NC_000006.11
cg05355411	5.62E-07	7.55E-08	-5.59	7.0012299	-1.35E-01	70449272	70449395	NC_000008.10
cg17131183	5.62E-07	7.55E-08	-5.59	7.0012271	-1.05E-01	36771362	36771485	NC_000001.10
cg07012484	5.62E-07	7.55E-08	-5.59	7.0011142	-1.39E-01	167619748	167619871	NC_000001.10
cg04813876	5.62E-07	7.56E-08	-5.59	7.0007798	-1.00E-01	103964219	103964342	NC_000011.9
cg06526179	5.63E-07	7.56E-08	-5.59	7.0002675	-3.38E-02	4665054	4665177	NC_000016.9

cg14402562	5.63E-07	7.56E-08	-5.59	6.9997287	-6.45E-02	8945810	8945933	NC_000011.9
cg12676500	5.63E-07	7.56E-08	-5.59	6.9996354	-1.11E-01	145643083	145643206	NC_000008.10
cg05908442	5.63E-07	7.57E-08	-5.59	6.9989413	-1.02E-01	77800637	77800760	NC_000015.9
cg10219995	5.64E-07	7.57E-08	-5.59	6.9985425	-1.15E-01	51359431	51359554	NC_000006.11
cg22118297	5.64E-07	7.58E-08	-5.59	6.997136	-6.22E-02	64547310	64547433	NC_000003.11
cg03819227	5.64E-07	7.59E-08	-5.59	6.9969315	-1.07E-01	110252994	110253117	NC_000005.9
cg15277311	5.65E-07	7.59E-08	-5.59	6.9965552	-7.52E-02	93517137	93517260	NC_000011.9
cg19175193	5.65E-07	7.59E-08	-5.59	6.9959374	-1.25E-01	41007450	41007573	NC_000006.11
cg18730174	5.65E-07	7.60E-08	-5.59	6.9953091	-9.48E-02	122073211	122073334	NC_000011.9
cg07153826	5.65E-07	7.60E-08	-5.59	6.99527	-5.15E-02	60962721	60962844	NC_000020.10
cg01638188	5.65E-07	7.60E-08	-5.59	6.9950295	-3.52E-02	30720323	30720446	NC_000004.11
cg06916011	5.66E-07	7.61E-08	-5.59	6.9933524	-7.14E-02	55594963	55595086	NC_000019.9
cg13679772	5.66E-07	7.61E-08	-5.59	6.9932228	-8.15E-02	89933549	89933672	NC_000014.8
cg03019000	5.67E-07	7.62E-08	-5.59	6.9926494	-1.04E-01	51704351	51704474	NC_000003.11
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cg11860203	5.69E-07	7.65E-08	-5.59	6.98815	-6.52E-02	32582516	32582639	NC_000017.10
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cg20213269	5.70E-07	7.66E-08	-5.59	6.987629	-2.43E-02	64808357	64808480	NC_000011.9
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cg11412036	5.70E-07	7.66E-08	-5.59	6.9867907	-6.15E-02	43941871	43941994	NC_000015.9
cg08872722	5.70E-07	7.67E-08	-5.59	6.9867175	-3.44E-02	201252360	201252483	NC_000001.10

cg27005118	5.70E-07	7.67E-08	-5.59	6.986636	-1.33E-01	13972210	13972333	NC_000017.10
cg09717979	5.71E-07	7.67E-08	-5.59	6.9857878	-2.95E-02	103790325	103790448	NC_000004.11
cg10144493	5.71E-07	7.67E-08	-5.59	6.9857806	-8.56E-02	33395133	33395256	NC_000006.11
cg21732383	5.71E-07	7.68E-08	-5.59	6.9852541	-9.85E-02	169654692	169654815	NC_000006.11
cg12163415	5.71E-07	7.68E-08	-5.59	6.9848077	-6.22E-02	27906671	27906794	NC_000002.11
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cg02827132	5.72E-07	7.69E-08	-5.59	6.983008	-1.42E-01	1052529	1052652	NC_000016.9
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cg25463742	5.73E-07	7.71E-08	-5.59	6.9816318	-1.18E-01	10839574	10839697	NC_000001.10
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cg13361910	5.73E-07	7.71E-08	-5.59	6.9811667	-8.48E-02	232750286	232750409	NC_000001.10
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cg26378073	5.73E-07	7.71E-08	-5.59	6.9804167	-1.18E-01	105213818	105213941	NC_000010.10
cg00897404	5.74E-07	7.72E-08	-5.59	6.9799289	-6.23E-02	75182368	75182491	NC_000016.9
cg17004212	5.74E-07	7.72E-08	-5.59	6.9795258	-6.72E-02	50656130	50656253	NC_000013.10
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cg26097549	5.75E-07	7.73E-08	-5.59	6.9782663	-1.92E-02	36582467	36582590	NC_000002.11
cg12325286	5.75E-07	7.74E-08	-5.59	6.9777173	-9.87E-02	55332820	55332943	NC_000017.10
cg16230559	5.75E-07	7.74E-08	-5.59	6.9772359	-2.49E-02	21771551	21771674	NC_000022.10
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cg19400926	5.75E-07	7.75E-08	-5.59	6.9766286	-6.83E-02	28889996	28890119	NC_000006.11

cg17008978	5.76E-07	7.75E-08	-5.59	6.9765791	-5.58E-02	151542804	151542927	NC_000007.13
cg09248148	5.76E-07	7.75E-08	-5.59	6.9764879	-3.21E-02	15755608	15755731	NC_000021.8
cg00831633	5.76E-07	7.76E-08	-5.59	6.9750385	-5.24E-02	34174976	34175099	NC_000012.11
cg14930242	5.78E-07	7.77E-08	-5.58	6.9729207	-6.57E-02	139020892	139021015	NC_000003.11
cg13468624	5.78E-07	7.78E-08	-5.58	6.9719769	-1.06E-01	31146889	31147012	NC_000006.11
cg00530564	5.79E-07	7.79E-08	-5.58	6.9706967	-1.10E-01	125036429	125036552	NC_000012.11
cg08070476	5.79E-07	7.80E-08	-5.58	6.9698517	-1.44E-01	16887412	16887535	NC_000007.13
cg09643340	5.79E-07	7.80E-08	-5.58	6.9697078	-8.55E-02	129244105	129244228	NC_000011.9
cg01497154	5.80E-07	7.80E-08	-5.58	6.9694186	-7.68E-02	3661910	3662033	NC_000020.10
cg00358220	5.80E-07	7.80E-08	-5.58	6.9693107	-3.42E-02	3247473	3247596	NC_000018.9
ch.3.2661134R	5.80E-07	7.81E-08	-5.58	6.9684133	-2.25E-02	134020605	134020728	NC_000003.11
cg18479656	5.80E-07	7.81E-08	-5.58	6.968207	-2.63E-02	25348087	25348210	NC_000012.11
cg11651961	5.80E-07	7.81E-08	-5.58	6.9681891	-2.73E-02	54197711	54197834	NC_000002.11
cg16348003	5.80E-07	7.81E-08	-5.58	6.9679134	-1.06E-01	153589781	153589904	NC_000001.10
cg25124402	5.81E-07	7.82E-08	-5.58	6.967364	-6.75E-02	219125749	219125872	NC_000002.11
cg00828583	5.81E-07	7.82E-08	-5.58	6.9672664	-7.52E-02	117836331	117836454	NC_000003.11
cg21422024	5.81E-07	7.82E-08	-5.58	6.967215	-3.19E-02	64080841	64080964	NC_000008.10
cg04066453	5.81E-07	7.82E-08	-5.58	6.9671078	-1.09E-01	39943545	39943668	NC_000017.10
cg10540754	5.81E-07	7.82E-08	-5.58	6.9668249	-1.24E-02	16790370	16790493	NC_000002.11
cg25044817	5.82E-07	7.83E-08	-5.58	6.9656512	-8.80E-02	24233259	24233382	NC_000002.11
cg18768338	5.82E-07	7.84E-08	-5.58	6.9650125	-8.20E-02	17575440	17575563	NC_000001.10
cg02816425	5.82E-07	7.85E-08	-5.58	6.9641041	-1.03E-01	16809233	16809356	NC_000011.9
cg05206762	5.83E-07	7.85E-08	-5.58	6.9632492	-1.56E-02	8160379	8160502	NC_000004.11
cg03448396	5.83E-07	7.85E-08	-5.58	6.9631347	-2.39E-02	38495949	38496072	NC_000003.11
cg01050423	5.83E-07	7.86E-08	-5.58	6.9625524	-2.53E-02	103236078	103236201	NC_000002.11

cg15719025	5.83E-07	7.86E-08	-5.58	6.962253	-3.99E-02	28879147	28879270	NC_000001.10
cg16697850	5.84E-07	7.86E-08	-5.58	6.9621236	-1.03E-01	141946928	141947051	NC_000007.13
cg20826792	5.84E-07	7.86E-08	-5.58	6.9617676	-5.08E-02	29425	29548	NC_000001.10
cg11901034	5.84E-07	7.86E-08	-5.58	6.9617384	-1.94E-02	128598214	128598337	NC_000003.11
cg21714809	5.84E-07	7.87E-08	-5.58	6.9605035	-2.06E-02	72463184	72463307	NC_000011.9
cg04015433	5.85E-07	7.88E-08	-5.58	6.9597266	-1.23E-01	8820844	8820967	NC_000008.10
cg01871427	5.85E-07	7.88E-08	-5.58	6.9594655	-9.88E-02	90341955	90342078	NC_000012.11
cg09812376	5.85E-07	7.89E-08	-5.58	6.9589376	-7.24E-02	74270190	74270313	NC_000017.10
cg12138063	5.86E-07	7.90E-08	-5.58	6.9575316	-2.26E-02	16607096	16607219	NC_000019.9
cg10410910	5.86E-07	7.90E-08	-5.58	6.9573973	-6.31E-02	53684225	53684348	NC_000014.8
cg26946769	5.86E-07	7.90E-08	-5.58	6.9571039	-7.49E-02	48189538	48189661	NC_000018.9
cg14192259	5.87E-07	7.91E-08	-5.58	6.9565856	-1.22E-01	133014881	133015004	NC_000012.11
cg05803296	5.87E-07	7.91E-08	-5.58	6.95593	-1.03E-01	105319615	105319738	NC_000007.13
cg26352401	5.87E-07	7.91E-08	-5.58	6.9558235	-4.27E-02	150040160	150040283	NC_000001.10
cg00420347	5.87E-07	7.91E-08	-5.58	6.9557585	-9.55E-02	65362428	65362551	NC_000001.10
cg12854483	5.88E-07	7.92E-08	-5.58	6.9550485	-9.49E-02	11649671	11649794	NC_000019.9
cg15407058	5.88E-07	7.93E-08	-5.58	6.9542682	-8.68E-02	80175989	80176112	NC_000017.10
cg22177227	5.88E-07	7.93E-08	-5.58	6.9541793	-4.50E-02	59125919	59126042	NC_000015.9
cg23205886	5.88E-07	7.93E-08	-5.58	6.953499	-9.63E-02	138611766	138611889	NC_000005.9
cg03857198	5.89E-07	7.94E-08	-5.58	6.9529501	-1.27E-01	152927597	152927720	NC_000003.11
cg13424422	5.89E-07	7.94E-08	-5.58	6.9528635	-9.71E-02	110838288	110838411	NC_000013.10
cg18825703	5.89E-07	7.94E-08	-5.58	6.9524631	-9.55E-02	103675748	103675871	NC_000014.8
cg18963763	5.90E-07	7.95E-08	-5.58	6.9510298	-8.03E-02	99612150	99612273	NC_000010.10
cg23081353	5.90E-07	7.96E-08	-5.58	6.9505479	-3.27E-02	93323494	93323617	NC_000012.11
cg16019273	5.91E-07	7.96E-08	-5.58	6.9498698	-9.88E-02	36273185	36273308	NC_000001.10

cg14557227	5.91E-07	7.96E-08	-5.58	6.9496393	-1.63E-02	205649791	205649914	NC_000001.10
cg11737676	5.91E-07	7.97E-08	-5.58	6.9487485	-4.03E-02	86042230	86042353	NC_000001.10
cg05767561	5.91E-07	7.97E-08	-5.58	6.9483683	-2.21E-02	70820607	70820730	NC_000001.10
cg19752602	5.92E-07	7.98E-08	-5.58	6.9480144	-9.85E-02	153039227	153039350	NC_000005.9
cg23394480	5.92E-07	7.98E-08	-5.58	6.9476466	-4.27E-02	105487615	105487738	NC_000014.8
cg03750587	5.92E-07	7.98E-08	-5.58	6.9471888	-1.29E-01	24239979	24240102	NC_000001.10
cg26261298	5.92E-07	7.98E-08	-5.58	6.9471315	-9.21E-02	144263435	144263558	NC_000006.11
cg27206976	5.92E-07	7.98E-08	-5.58	6.9469575	-7.18E-02	50738315	50738438	NC_000022.10
cg10654618	5.92E-07	7.99E-08	-5.58	6.946938	-3.82E-02	62682503	62682626	NC_000015.9
cg00521993	5.92E-07	7.99E-08	-5.58	6.9463499	-5.39E-02	75199411	75199534	NC_000010.10
cg27090029	5.93E-07	7.99E-08	-5.58	6.9459516	-8.33E-02	72408394	72408517	NC_000011.9
cg27464065	5.93E-07	8.00E-08	-5.58	6.9454296	-1.03E-01	12940610	12940733	NC_000012.11
cg01023751	5.93E-07	8.00E-08	-5.58	6.945292	-4.16E-02	36427010	36427133	NC_000019.9
cg25412387	5.94E-07	8.01E-08	-5.58	6.9437076	-1.17E-01	30061634	30061757	NC_000020.10
cg12478066	5.94E-07	8.01E-08	-5.58	6.9433622	-6.73E-02	1294006	1294129	NC_000001.10
cg23006204	5.94E-07	8.02E-08	-5.58	6.943296	-8.51E-02	130700866	130700989	NC_000009.11
cg14254480	5.95E-07	8.02E-08	-5.58	6.9425613	-6.16E-02	26927693	26927816	NC_000002.11
cg26672071	5.95E-07	8.02E-08	-5.58	6.9421066	-2.85E-02	153606943	153607066	NC_000001.10
cg21208157	5.95E-07	8.03E-08	-5.58	6.9417001	-6.05E-02	49120043	49120166	NC_000019.9
cg25763788	5.96E-07	8.03E-08	-5.58	6.9409309	-8.62E-02	78172950	78173073	NC_000006.11
cg06733608	5.96E-07	8.04E-08	-5.58	6.9407779	-4.01E-02	10692764	10692887	NC_000005.9
cg13542022	5.96E-07	8.04E-08	-5.58	6.9406895	-2.33E-02	40932276	40932399	NC_000019.9
cg04734286	5.96E-07	8.04E-08	-5.58	6.9405129	-3.71E-02	74079535	74079658	NC_000010.10
cg26328951	5.96E-07	8.04E-08	-5.58	6.9400635	-1.22E-01	28906514	28906637	NC_000001.10
cg05620710	5.96E-07	8.04E-08	-5.58	6.9399764	-1.19E-01	140010064	140010187	NC_000005.9

cg13867248	5.96E-07	8.05E-08	-5.58	6.9395518	-4.37E-02	33285584	33285707	NC_000006.11
cg01749142	5.96E-07	8.05E-08	-5.58	6.9392841	-4.96E-02	105262305	105262428	NC_000014.8
cg06392589	5.97E-07	8.06E-08	-5.58	6.938266	-1.07E-01	136676846	136676969	NC_000003.11
cg03879180	5.98E-07	8.06E-08	-5.58	6.9374527	-9.01E-02	24713283	24713406	NC_000002.11
cg08889114	5.98E-07	8.07E-08	-5.58	6.9371654	-7.40E-02	8631797	8631920	NC_000003.11
cg06318274	5.98E-07	8.07E-08	-5.58	6.9369559	-6.72E-02	86150813	86150936	NC_000015.9
cg03227611	5.98E-07	8.07E-08	-5.58	6.9365914	-4.39E-02	159676034	159676157	NC_000004.11
cg05867925	5.98E-07	8.07E-08	-5.58	6.9365207	-1.20E-02	26033854	26033977	NC_000006.11
cg17646499	5.98E-07	8.08E-08	-5.58	6.9358193	-1.00E-01	124601778	124601901	NC_000003.11
cg26555023	5.98E-07	8.08E-08	-5.58	6.9358085	-2.44E-02	7070401	7070524	NC_000004.11
cg10394757	5.99E-07	8.08E-08	-5.58	6.9355093	-8.65E-02	66879807	66879930	NC_000016.9
cg25518400	5.99E-07	8.08E-08	-5.58	6.9354657	-7.31E-02	49517153	49517276	NC_000006.11
cg17540545	5.99E-07	8.09E-08	-5.58	6.9341971	-1.11E-01	35630355	35630478	NC_000019.9
cg05412410	6.00E-07	8.09E-08	-5.58	6.9338573	-1.14E-01	3033173	3033296	NC_000007.13
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cg07340423	6.01E-07	8.11E-08	-5.58	6.9316688	-2.14E-02	52472383	52472506	NC_000015.9
cg05384123	6.01E-07	8.12E-08	-5.58	6.9311828	-1.21E-01	71294341	71294464	NC_000003.11
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cg07389276	6.02E-07	8.12E-08	-5.58	6.9304389	-3.28E-02	35715686	35715809	NC_000017.10
cg13071569	6.02E-07	8.12E-08	-5.58	6.9303526	-1.14E-01	107296946	107297069	NC_000012.11
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cg02426912	6.03E-07	8.14E-08	-5.58	6.9284974	-4.69E-02	18812920	18813043	NC_000016.9
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cg13576991	6.03E-07	8.14E-08	-5.58	6.9279744	-8.02E-02	223257466	223257589	NC_000001.10

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cg20837735	6.07E-07	8.20E-08	-5.57	6.9210208	-1.37E-01	61144177	61144300	NC_000018.9
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cg02888894	6.09E-07	8.24E-08	-5.57	6.9168536	-5.39E-02	62660605	62660728	NC_000020.10



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cg17578322	6.10E-07	8.25E-08	-5.57	6.915099	-1.15E-01	55546118	55546241	NC_000003.11
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cg27056425	6.14E-07	8.30E-08	-5.57	6.9088604	-5.02E-02	27776039	27776162	NC_000006.11
cg18413449	6.14E-07	8.31E-08	-5.57	6.9086481	-3.90E-02	155605350	155605473	NC_000007.13
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cg12637920	6.16E-07	8.33E-08	-5.57	6.905811	-1.52E-02	71408366	71408489	NC_000015.9

cg14059464	6.16E-07	8.33E-08	-5.57	6.9055825	-8.11E-02	241901988	241902111	NC_000002.11
cg25430506	6.16E-07	8.34E-08	-5.57	6.9050957	-1.60E-02	90348385	90348508	NC_000006.11
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cg23684711	6.16E-07	8.34E-08	-5.57	6.9048063	-2.53E-02	948879	949002	NC_000001.10
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cg00050375	6.19E-07	8.39E-08	-5.57	6.8993308	-1.07E-01	43404828	43404951	NC_000006.11
cg22415591	6.20E-07	8.39E-08	-5.57	6.8990414	-3.79E-02	2282346	2282469	NC_000007.13
cg00592695	6.20E-07	8.39E-08	-5.57	6.8989094	-1.47E-01	134545685	134545808	NC_000008.10
cg13789015	6.20E-07	8.40E-08	-5.57	6.8982179	-1.47E-01	136890014	136890137	NC_000009.11
cg09798435	6.21E-07	8.40E-08	-5.57	6.8973985	-3.77E-02	3566304	3566427	NC_000001.10
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cg13435795	6.21E-07	8.41E-08	-5.57	6.8970954	-5.32E-02	139523709	139523832	NC_000009.11

cg00518623	6.21E-07	8.41E-08	-5.57	6.8969642	-6.12E-02	54933797	54933920	NC_000020.10
cg10758306	6.21E-07	8.41E-08	-5.57	6.8962853	-1.77E-02	18038771	18038894	NC_000020.10
cg19185339	6.22E-07	8.42E-08	-5.57	6.8954496	-7.81E-02	44971649	44971772	NC_000013.10
ch.13.1524792R	6.22E-07	8.42E-08	-5.57	6.8952708	-2.40E-02	99552827	99552950	NC_000013.10
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cg26261342	6.23E-07	8.44E-08	-5.57	6.8928541	-2.06E-02	56512029	56512152	NC_000012.11
cg07958689	6.23E-07	8.44E-08	-5.57	6.8927917	-1.23E-01	39010551	39010674	NC_000017.10
cg07911905	6.23E-07	8.45E-08	-5.57	6.8924648	-9.52E-02	105096644	105096767	NC_000012.11
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cg05296619	6.24E-07	8.45E-08	-5.57	6.8918367	-1.16E-01	114834683	114834806	NC_000013.10
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cg27313933	6.24E-07	8.46E-08	-5.57	6.8908057	-1.06E-01	89704682	89704805	NC_000016.9
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cg12095505	6.25E-07	8.46E-08	-5.57	6.8903253	-9.63E-02	14849394	14849517	NC_000012.11
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cg16906765	6.26E-07	8.48E-08	-5.57	6.8888122	-1.05E-01	75475038	75475161	NC_000015.9
cg22797644	6.26E-07	8.48E-08	-5.57	6.888482	-1.06E-01	34206491	34206614	NC_000006.11
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cg03038685	6.26E-07	8.49E-08	-5.57	6.8877149	-3.02E-02	197281468	197281591	NC_000003.11

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cg12196367	6.27E-07	8.50E-08	-5.57	6.8858369	-5.87E-02	183892577	183892700	NC_000003.11
cg20565833	6.28E-07	8.51E-08	-5.57	6.8850147	-6.10E-02	91137297	91137420	NC_000004.11
cg13016308	6.28E-07	8.51E-08	-5.57	6.8850139	-8.09E-02	3253581	3253704	NC_000011.9
cg27502066	6.28E-07	8.52E-08	-5.57	6.8843906	-3.10E-02	74380231	74380354	NC_000017.10
cg01704698	6.29E-07	8.52E-08	-5.57	6.883633	-1.25E-01	84941294	84941417	NC_000016.9
cg24743301	6.29E-07	8.52E-08	-5.57	6.8834806	-1.10E-01	112945506	112945629	NC_000002.11
cg02486268	6.29E-07	8.52E-08	-5.57	6.8833699	-1.05E-01	69682825	69682948	NC_000011.9
cg00517855	6.29E-07	8.52E-08	-5.57	6.8833659	-7.34E-02	146016408	146016531	NC_000008.10
cg07027305	6.29E-07	8.53E-08	-5.57	6.8832807	-9.99E-02	2059796	2059919	NC_000007.13
cg13980266	6.29E-07	8.53E-08	-5.57	6.8830464	-1.52E-01	97022269	97022392	NC_000009.11
cg26310429	6.29E-07	8.53E-08	-5.57	6.882824	-7.23E-02	71024449	71024572	NC_000017.10
cg10013003	6.29E-07	8.53E-08	-5.57	6.8827951	-8.81E-02	26025568	26025691	NC_000006.11
cg12129117	6.29E-07	8.53E-08	-5.57	6.8824616	-7.28E-02	223940656	223940779	NC_000001.10
cg13881619	6.29E-07	8.53E-08	-5.57	6.882411	-6.01E-02	130323725	130323848	NC_000009.11
cg06745001	6.30E-07	8.54E-08	-5.57	6.8820093	-7.56E-02	49471563	49471686	NC_000019.9
cg09925621	6.30E-07	8.54E-08	-5.57	6.8818788	-3.24E-02	84178555	84178678	NC_000016.9
cg06352750	6.30E-07	8.54E-08	-5.57	6.8815666	-7.81E-02	192711926	192712049	NC_000002.11
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cg16269716	6.30E-07	8.54E-08	-5.57	6.881294	-2.59E-02	150241781	150241904	NC_000001.10
cg14675241	6.31E-07	8.55E-08	-5.57	6.8802067	-1.30E-01	111154375	111154498	NC_000011.9
cg09507386	6.31E-07	8.56E-08	-5.57	6.8793661	-1.16E-01	1399338	1399461	NC_000019.9
cg18467978	6.32E-07	8.57E-08	-5.56	6.8784888	-8.59E-02	47134906	47135029	NC_000019.9
cg24894318	6.33E-07	8.58E-08	-5.56	6.877293	-1.07E-01	104914755	104914878	NC_000003.11

cg21566348	6.33E-07	8.59E-08	-5.56	6.8759818	-3.17E-02	182510892	182511015	NC_000003.11
cg00184235	6.34E-07	8.59E-08	-5.56	6.8753849	-2.41E-02	126442434	126442557	NC_000008.10
cg14993614	6.34E-07	8.60E-08	-5.56	6.8749723	-2.45E-02	32023069	32023192	NC_000003.11
cg18627816	6.34E-07	8.60E-08	-5.56	6.8745732	-8.33E-02	39686695	39686818	NC_000019.9
cg18935516	6.34E-07	8.60E-08	-5.56	6.8743296	-1.33E-01	77245922	77246045	NC_000018.9
cg26057616	6.34E-07	8.61E-08	-5.56	6.8740564	-5.79E-02	222234397	222234520	NC_000001.10
cg25146100	6.35E-07	8.61E-08	-5.56	6.8733176	-8.54E-02	50158060	50158183	NC_000022.10
cg25481680	6.35E-07	8.62E-08	-5.56	6.8730725	-3.93E-02	105110878	105111001	NC_000010.10
cg17171539	6.35E-07	8.62E-08	-5.56	6.8730057	-9.74E-02	59398690	59398813	NC_000001.10
ch.6.180632F	6.35E-07	8.62E-08	-5.56	6.8729966	-1.31E-02	6768917	6769040	NC_000006.11
cg00636508	6.35E-07	8.62E-08	-5.56	6.8726845	-1.09E-01	70624430	70624553	NC_000016.9
cg08198071	6.36E-07	8.63E-08	-5.56	6.8716966	-1.22E-01	109742356	109742479	NC_000002.11
cg25325932	6.36E-07	8.63E-08	-5.56	6.8713285	-1.16E-01	76783470	76783593	NC_000006.11
cg10584209	6.36E-07	8.63E-08	-5.56	6.8710164	-4.50E-02	54528200	54528323	NC_000005.9
cg01781529	6.37E-07	8.64E-08	-5.56	6.8705922	-7.29E-02	22444030	22444153	NC_000001.10
cg22971029	6.37E-07	8.64E-08	-5.56	6.8699812	-1.24E-01	91818497	91818620	NC_000014.8
cg11693508	6.37E-07	8.64E-08	-5.56	6.8698589	-6.95E-02	37793320	37793443	NC_000017.10
cg13168924	6.37E-07	8.64E-08	-5.56	6.8697462	-5.08E-02	8386583	8386706	NC_000019.9
cg15643000	6.38E-07	8.66E-08	-5.56	6.8676959	-9.01E-02	168453216	168453339	NC_000006.11
cg18934496	6.38E-07	8.66E-08	-5.56	6.8675923	-7.05E-02	27792502	27792625	NC_000006.11
cg20600850	6.39E-07	8.67E-08	-5.56	6.8671941	-9.20E-02	6712515	6712638	NC_000012.11
cg16976310	6.39E-07	8.67E-08	-5.56	6.8664025	-1.24E-02	27862785	27862908	NC_000006.11
cg01977079	6.39E-07	8.68E-08	-5.56	6.8662511	-6.24E-02	17036644	17036767	NC_000011.9
cg21161173	6.39E-07	8.68E-08	-5.56	6.8661837	-8.78E-02	140098174	140098297	NC_000005.9
cg18064706	6.39E-07	8.68E-08	-5.56	6.8657574	-5.81E-02	157646656	157646779	NC_000007.13

cg07886914	6.40E-07	8.69E-08	-5.56	6.8649156	-1.02E-01	28198639	28198762	NC_000008.10
cg22040301	6.41E-07	8.69E-08	-5.56	6.8641285	-1.17E-01	2919798	2919921	NC_000011.9
cg05389024	6.42E-07	8.71E-08	-5.56	6.8619968	-1.23E-01	170366131	170366254	NC_000002.11
cg06651054	6.42E-07	8.72E-08	-5.56	6.8617295	-2.74E-02	83680015	83680138	NC_000015.9
cg03797705	6.42E-07	8.72E-08	-5.56	6.8610583	-3.47E-02	79604227	79604350	NC_000017.10
cg21100596	6.43E-07	8.73E-08	-5.56	6.8606518	-4.66E-02	4456803	4456926	NC_000019.9
cg09965419	6.43E-07	8.73E-08	-5.56	6.8606258	-9.12E-02	30854186	30854309	NC_000006.11
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cg00887153	6.44E-07	8.75E-08	-5.56	6.8582781	-1.34E-01	71559593	71559716	NC_000016.9
cg01154336	6.44E-07	8.75E-08	-5.56	6.8578922	-1.10E-01	101539195	101539318	NC_000014.8
cg03233332	6.46E-07	8.77E-08	-5.56	6.8559406	-1.15E-01	66118400	66118523	NC_000007.13
cg13857382	6.46E-07	8.77E-08	-5.56	6.855683	-1.90E-02	175162153	175162276	NC_000001.10
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cg19245686	6.48E-07	8.80E-08	-5.56	6.8527395	-1.94E-02	34541603	34541726	NC_000020.10
cg18589526	6.48E-07	8.80E-08	-5.56	6.8527225	-1.21E-01	138575872	138575995	NC_000007.13
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cg06283052	6.48E-07	8.80E-08	-5.56	6.8524385	-9.94E-02	44774998	44775121	NC_000010.10
cg06215691	6.48E-07	8.80E-08	-5.56	6.8522752	-9.75E-02	26624487	26624610	NC_000013.10
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cg25594165	6.48E-07	8.81E-08	-5.56	6.8512971	-8.62E-02	83637420	83637543	NC_000010.10
cg05346878	6.49E-07	8.81E-08	-5.56	6.8509799	-6.52E-02	59043576	59043699	NC_000001.10
cg17742559	6.49E-07	8.82E-08	-5.56	6.8505058	-1.13E-01	27068495	27068618	NC_000017.10
cg10925991	6.49E-07	8.82E-08	-5.56	6.8501252	-1.04E-01	40324096	40324219	NC_000004.11
cg05123845	6.49E-07	8.83E-08	-5.56	6.8496477	-9.18E-02	104918078	104918201	NC_000004.11
cg18513551	6.50E-07	8.83E-08	-5.56	6.8493626	-3.06E-02	21538329	21538452	NC_000014.8

cg00035326	6.50E-07	8.83E-08	-5.56	6.8491752	-2.75E-02	135208356	135208479	NC_000010.10
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cg11282676	6.50E-07	8.84E-08	-5.56	6.8482624	-1.51E-01	26018003	26018126	NC_000006.11
cg13707894	6.50E-07	8.84E-08	-5.56	6.848168	-1.41E-01	27674461	27674584	NC_000003.11
cg15843818	6.50E-07	8.84E-08	-5.56	6.8481234	-2.20E-02	165477582	165477705	NC_000002.11
cg25288155	6.51E-07	8.84E-08	-5.56	6.8478002	-1.06E-01	73357396	73357519	NC_000011.9
cg21376136	6.51E-07	8.85E-08	-5.56	6.8474384	-1.43E-01	152830572	152830695	NC_000002.11
cg05859845	6.51E-07	8.85E-08	-5.56	6.8469116	-5.28E-02	31795668	31795791	NC_000022.10
cg17771652	6.52E-07	8.87E-08	-5.56	6.8451039	-1.51E-01	82767968	82768091	NC_000005.9
cg07268332	6.52E-07	8.87E-08	-5.56	6.8450715	-1.44E-01	10476494	10476617	NC_000011.9
cg14067066	6.53E-07	8.87E-08	-5.56	6.8445456	-7.82E-02	29717475	29717598	NC_000006.11
cg10151737	6.53E-07	8.87E-08	-5.56	6.8444955	-6.12E-02	170615854	170615977	NC_000006.11
cg07270423	6.53E-07	8.87E-08	-5.56	6.844477	-1.07E-01	123242457	123242580	NC_000011.9
cg10835584	6.53E-07	8.88E-08	-5.56	6.8436547	-1.24E-01	55108852	55108975	NC_000018.9
cg06749213	6.54E-07	8.89E-08	-5.56	6.8423926	-1.09E-01	20387292	20387415	NC_000014.8
cg17316784	6.54E-07	8.89E-08	-5.56	6.8420537	-1.01E-01	22005602	22005725	NC_000008.10
cg18447972	6.54E-07	8.90E-08	-5.56	6.8417076	-1.21E-01	7036934	7037057	NC_000017.10
cg09669835	6.55E-07	8.91E-08	-5.56	6.8407909	-7.94E-02	91510500	91510623	NC_000007.13
cg09845015	6.55E-07	8.91E-08	-5.56	6.8407642	-5.86E-02	70458994	70459117	NC_000011.9
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cg05022301	6.55E-07	8.91E-08	-5.56	6.8403834	-4.65E-02	93650515	93650638	NC_000014.8
cg06177974	6.56E-07	8.92E-08	-5.56	6.8394487	-5.84E-02	85522300	85522423	NC_000011.9
cg11153485	6.56E-07	8.92E-08	-5.56	6.8392287	-1.46E-01	110431612	110431735	NC_000013.10
cg08548888	6.56E-07	8.93E-08	-5.56	6.8384388	-5.19E-02	38180840	38180963	NC_000003.11

cg03544335	6.56E-07	8.93E-08	-5.56	6.8382757	-2.84E-02	41134801	41134924	NC_000001.10
cg13752885	6.57E-07	8.94E-08	-5.56	6.8371245	-9.03E-02	37905779	37905902	NC_000009.11
cg02833116	6.58E-07	8.95E-08	-5.56	6.8364509	-1.27E-02	108210556	108210679	NC_000007.13
cg23679982	6.58E-07	8.95E-08	-5.56	6.8363074	-7.82E-02	1686737	1686860	NC_000017.10
cg18706879	6.59E-07	8.96E-08	-5.56	6.8349268	-3.04E-02	74353254	74353377	NC_000014.8
cg27359308	6.59E-07	8.96E-08	-5.56	6.8347495	-1.42E-02	122043034	122043157	NC_000002.11
cg27042983	6.59E-07	8.96E-08	-5.56	6.8346157	-1.01E-01	44063147	44063270	NC_000006.11
cg10165585	6.59E-07	8.97E-08	-5.56	6.8342806	-9.98E-02	29449042	29449165	NC_000001.10
cg00301795	6.59E-07	8.97E-08	-5.56	6.8342787	-1.65E-01	200195818	200195941	NC_000001.10
cg01533082	6.59E-07	8.97E-08	-5.56	6.8341006	-1.03E-01	58567637	58567760	NC_000014.8
cg25602536	6.59E-07	8.97E-08	-5.56	6.8335887	-1.17E-01	8816608	8816731	NC_000002.11
cg17301506	6.60E-07	8.98E-08	-5.56	6.8330567	-3.72E-02	32700554	32700677	NC_000020.10
cg18285188	6.60E-07	8.99E-08	-5.56	6.8320567	-5.22E-02	179558954	179559077	NC_000001.10
cg13171679	6.61E-07	9.00E-08	-5.56	6.8311133	-1.15E-01	41258634	41258757	NC_000008.10
cg00526576	6.61E-07	9.00E-08	-5.55	6.8305121	-2.77E-02	30545772	30545895	NC_000016.9
cg26242687	6.61E-07	9.00E-08	-5.55	6.8302557	-1.21E-01	41471014	41471137	NC_000006.11
cg24493375	6.62E-07	9.01E-08	-5.55	6.8299508	-2.40E-02	144328914	144329037	NC_000008.10
cg00152041	6.62E-07	9.01E-08	-5.55	6.829763	-4.86E-02	61274867	61274990	NC_000020.10
cg16087527	6.63E-07	9.03E-08	-5.55	6.8276612	-3.21E-02	978019	978142	NC_000010.10
cg14070039	6.63E-07	9.03E-08	-5.55	6.8275998	-9.13E-02	32013710	32013833	NC_000006.11
cg05364884	6.63E-07	9.03E-08	-5.55	6.8275202	-1.59E-01	17107768	17107891	NC_000016.9
cg01692674	6.64E-07	9.04E-08	-5.55	6.8266072	-1.71E-02	32822043	32822166	NC_000006.11
ch.1.95579934F	6.64E-07	9.04E-08	-5.55	6.8259904	-3.50E-02	95807346	95807469	NC_000001.10
cg13498778	6.65E-07	9.06E-08	-5.55	6.8244167	-1.00E-01	5483364	5483487	NC_000001.10
cg04208734	6.65E-07	9.06E-08	-5.55	6.8243181	-2.64E-02	73270063	73270186	NC_000007.13



cg04723137	6.65E-07	9.06E-08	-5.55	6.8242815	-1.09E-01	31744015	31744138	NC_000006.11
cg03007571	6.65E-07	9.06E-08	-5.55	6.8242427	-2.20E-02	26157673	26157796	NC_000006.11
cg00085619	6.66E-07	9.06E-08	-5.55	6.8239126	-1.17E-01	155252748	155252871	NC_000007.13
cg24839533	6.66E-07	9.07E-08	-5.55	6.823568	-3.40E-02	32226222	32226345	NC_000001.10
cg08122051	6.66E-07	9.07E-08	-5.55	6.8235602	-9.99E-02	79047955	79048078	NC_000016.9
cg24919522	6.66E-07	9.07E-08	-5.55	6.8226942	-8.18E-02	33313260	33313383	NC_000006.11
cg04632724	6.67E-07	9.08E-08	-5.55	6.8220124	-2.59E-02	102192393	102192516	NC_000015.9
cg20913831	6.67E-07	9.08E-08	-5.55	6.8218152	-4.16E-02	75063436	75063559	NC_000002.11
cg05193470	6.67E-07	9.09E-08	-5.55	6.8212441	-1.06E-01	135469552	135469675	NC_000008.10
cg19767215	6.67E-07	9.09E-08	-5.55	6.82087	-9.36E-03	38755103	38755226	NC_000019.9
cg02462353	6.68E-07	9.09E-08	-5.55	6.8205016	-1.04E-01	55549799	55549922	NC_000019.9
cg18741908	6.68E-07	9.10E-08	-5.55	6.8203416	-8.32E-02	169756818	169756941	NC_000003.11
cg04784101	6.68E-07	9.10E-08	-5.55	6.8202546	-4.66E-02	66824465	66824588	NC_000011.9
cg14174232	6.68E-07	9.10E-08	-5.55	6.8202474	-8.61E-02	18909891	18910014	NC_000009.11
cg14591386	6.68E-07	9.10E-08	-5.55	6.8195212	-1.84E-02	97345725	97345848	NC_000006.11
cg20789595	6.69E-07	9.11E-08	-5.55	6.8190651	-9.19E-02	123063477	123063600	NC_000003.11
cg04226276	6.69E-07	9.11E-08	-5.55	6.8186907	-8.77E-02	194406284	194406407	NC_000003.11
cg25414370	6.69E-07	9.11E-08	-5.55	6.8186501	-1.32E-01	50483351	50483474	NC_000022.10
cg13365436	6.69E-07	9.12E-08	-5.55	6.818027	-8.24E-02	968650	968773	NC_000011.9
cg22354175	6.70E-07	9.12E-08	-5.55	6.8171911	-1.16E-01	113305901	113306024	NC_000013.10
cg16536330	6.70E-07	9.13E-08	-5.55	6.8166312	-6.75E-02	29957344	29957467	NC_000008.10
cg06508445	6.70E-07	9.13E-08	-5.55	6.816189	-4.20E-02	121414088	121414211	NC_000005.9
cg14741143	6.71E-07	9.14E-08	-5.55	6.815916	-1.17E-01	156273315	156273438	NC_000003.11
cg06625640	6.71E-07	9.14E-08	-5.55	6.8158848	-9.96E-02	119765927	119766050	NC_000002.11
cg05569203	6.71E-07	9.14E-08	-5.55	6.8151978	-3.58E-02	41510742	41510865	NC_000005.9

cg24613043	6.72E-07	9.15E-08	-5.55	6.8143941	-4.78E-02	86521516	86521639	NC_000011.9
cg09090791	6.72E-07	9.16E-08	-5.55	6.8133063	-7.27E-02	5621096	5621219	NC_000012.11
cg11965365	6.73E-07	9.17E-08	-5.55	6.812775	-7.68E-02	104388185	104388308	NC_000014.8
cg26102475	6.73E-07	9.17E-08	-5.55	6.8126574	-1.58E-01	39826821	39826944	NC_000019.9
cg10179045	6.73E-07	9.17E-08	-5.55	6.812403	-7.52E-02	178077512	178077635	NC_000002.11
cg15526825	6.73E-07	9.17E-08	-5.55	6.812333	-1.13E-01	75237636	75237759	NC_000011.9
cg18485720	6.74E-07	9.19E-08	-5.55	6.8106184	-5.68E-02	720740	720863	NC_000019.9
cg11195363	6.75E-07	9.20E-08	-5.55	6.8095744	-1.21E-01	61915276	61915399	NC_000012.11
ch.17.795614F	6.75E-07	9.20E-08	-5.55	6.8086902	-2.36E-02	29212339	29212462	NC_000017.10
cg07702548	6.76E-07	9.21E-08	-5.55	6.8077707	-3.52E-02	88636912	88637035	NC_000016.9
cg19974128	6.76E-07	9.21E-08	-5.55	6.8077528	-1.76E-02	19110040	19110163	NC_000022.10
cg24793124	6.76E-07	9.21E-08	-5.55	6.8076701	-1.12E-01	106546074	106546197	NC_000006.11
cg07378472	6.77E-07	9.23E-08	-5.55	6.8062188	-1.95E-02	11013375	11013498	NC_000007.13
cg21524155	6.77E-07	9.24E-08	-5.55	6.8053229	-1.22E-02	51762608	51762731	NC_000001.10
cg00900735	6.77E-07	9.24E-08	-5.55	6.8052997	-9.31E-02	73316505	73316628	NC_000017.10
cg23484912	6.78E-07	9.24E-08	-5.55	6.8049682	-7.96E-02	273055	273178	NC_000005.9
cg10892950	6.78E-07	9.24E-08	-5.55	6.8046261	-9.39E-02	45626938	45627061	NC_000012.11
cg22406518	6.78E-07	9.24E-08	-5.55	6.8044855	-2.38E-02	134093627	134093750	NC_000003.11
cg18890876	6.78E-07	9.24E-08	-5.55	6.8044785	-5.48E-02	159742670	159742793	NC_000002.11
cg18914258	6.79E-07	9.26E-08	-5.55	6.8032195	-1.08E-01	12903886	12904009	NC_000004.11
cg00017970	6.79E-07	9.26E-08	-5.55	6.8031256	-7.17E-02	26487737	26487860	NC_000001.10
cg20979307	6.79E-07	9.26E-08	-5.55	6.8030013	-6.24E-02	135303866	135303989	NC_000003.11
cg17042996	6.80E-07	9.28E-08	-5.55	6.8011612	-8.79E-02	195590056	195590179	NC_000003.11
cg12234455	6.80E-07	9.28E-08	-5.55	6.8011446	-7.93E-02	49220235	49220358	NC_000019.9
cg21853948	6.80E-07	9.28E-08	-5.55	6.8007846	-1.86E-02	100867292	100867415	NC_000004.11

cg10021043	6.80E-07	9.28E-08	-5.55	6.8007551	-5.04E-02	68547349	68547472	NC_000002.11
cg26293512	6.80E-07	9.28E-08	-5.55	6.8004939	-9.57E-02	58010433	58010556	NC_000016.9
cg10491993	6.81E-07	9.28E-08	-5.55	6.8003695	-8.48E-03	21964412	21964535	NC_000016.9
cg11570367	6.81E-07	9.28E-08	-5.55	6.8003096	-1.88E-01	114896683	114896806	NC_000013.10
cg19588016	6.81E-07	9.30E-08	-5.55	6.7991271	-8.70E-02	9511523	9511646	NC_000002.11
cg00381076	6.82E-07	9.31E-08	-5.55	6.79755	-1.21E-02	51884797	51884920	NC_000018.9
cg07483523	6.83E-07	9.31E-08	-5.55	6.7972203	-6.52E-02	14626843	14626966	NC_000019.9
cg12486710	6.83E-07	9.32E-08	-5.55	6.7970499	-7.02E-02	178512616	178512739	NC_000001.10
cg05811247	6.83E-07	9.32E-08	-5.55	6.7967536	-2.92E-02	8113477	8113600	NC_000017.10
cg06873024	6.84E-07	9.33E-08	-5.55	6.7954638	-1.38E-01	215130954	215131077	NC_000001.10
cg07721852	6.84E-07	9.34E-08	-5.55	6.7949141	-1.30E-01	118576628	118576751	NC_000011.9
cg19356022	6.84E-07	9.34E-08	-5.55	6.7943823	-1.14E-01	154943932	154944055	NC_000001.10
cg02725885	6.85E-07	9.34E-08	-5.55	6.7942535	-2.65E-02	291239	291362	NC_000019.9
cg13312094	6.85E-07	9.35E-08	-5.55	6.7939065	-8.53E-02	19321359	19321482	NC_000019.9
cg20767977	6.85E-07	9.35E-08	-5.55	6.7935788	-1.01E-01	56743059	56743182	NC_000017.10
cg03538934	6.85E-07	9.35E-08	-5.55	6.7935303	-5.46E-02	2069683	2069806	NC_000004.11
cg12216180	6.85E-07	9.35E-08	-5.55	6.7930999	-8.92E-02	31698702	31698825	NC_000006.11
cg24503003	6.85E-07	9.35E-08	-5.55	6.7930222	-9.19E-02	110682837	110682960	NC_000012.11
cg22839180	6.86E-07	9.37E-08	-5.55	6.7918676	-9.92E-02	175117697	175117820	NC_000005.9
cg16576255	6.86E-07	9.37E-08	-5.55	6.79186	-8.42E-02	21400640	21400763	NC_000022.10
cg21860285	6.86E-07	9.37E-08	-5.55	6.7916772	-1.02E-01	68658943	68659066	NC_000008.10
cg04689720	6.86E-07	9.37E-08	-5.55	6.7915384	-2.22E-02	2622584	2622707	NC_000009.11
cg26815802	6.87E-07	9.38E-08	-5.55	6.790784	-3.09E-02	44613874	44613997	NC_000007.13
cg03284102	6.87E-07	9.38E-08	-5.55	6.7907494	-1.39E-01	10980944	10981067	NC_000007.13
cg00283535	6.87E-07	9.38E-08	-5.55	6.7903406	-1.37E-01	124749564	124749687	NC_000008.10

cg22549086	6.87E-07	9.38E-08	-5.55	6.7901053	-1.23E-01	46406516	46406639	NC_000002.11
cg03309308	6.89E-07	9.40E-08	-5.55	6.7879845	-6.79E-02	68525329	68525452	NC_000016.9
cg19563270	6.89E-07	9.41E-08	-5.55	6.7875432	-3.48E-02	11546999	11547122	NC_000019.9
cg01638025	6.89E-07	9.41E-08	-5.55	6.7874279	-2.01E-02	25041768	25041891	NC_000008.10
cg09379340	6.90E-07	9.43E-08	-5.55	6.7853793	-8.77E-02	155507793	155507916	NC_000006.11
cg10193763	6.91E-07	9.43E-08	-5.55	6.7851234	-7.41E-02	225306901	225307024	NC_000002.11
cg24654028	6.91E-07	9.43E-08	-5.55	6.7848652	-1.07E-01	8854482	8854605	NC_000011.9
cg24799710	6.91E-07	9.43E-08	-5.55	6.7847554	-6.29E-02	42469007	42469130	NC_000005.9
cg16264722	6.91E-07	9.44E-08	-5.55	6.7837917	-6.78E-02	108647479	108647602	NC_000012.11
cg07888040	6.91E-07	9.44E-08	-5.55	6.7836918	-2.52E-02	51669526	51669649	NC_000015.9
cg13270404	6.92E-07	9.45E-08	-5.55	6.7832974	-8.75E-03	99129495	99129618	NC_000008.10
cg09594696	6.92E-07	9.46E-08	-5.54	6.782423	-1.70E-02	150777854	150777977	NC_000007.13
cg07348845	6.94E-07	9.48E-08	-5.54	6.7804727	-1.06E-01	227544540	227544663	NC_000001.10
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cg24041822	6.94E-07	9.48E-08	-5.54	6.7796658	-4.83E-02	55493335	55493458	NC_000014.8
cg23411013	6.95E-07	9.50E-08	-5.54	6.7781603	-9.20E-02	60868149	60868272	NC_000015.9
cg25852472	6.95E-07	9.50E-08	-5.54	6.7778728	-7.83E-02	2017664	2017787	NC_000011.9
cg18615431	6.96E-07	9.51E-08	-5.54	6.7774275	-5.33E-02	19250617	19250740	NC_000019.9
cg20272648	6.96E-07	9.51E-08	-5.54	6.7771408	-7.15E-02	37660108	37660231	NC_000008.10
cg24358603	6.96E-07	9.51E-08	-5.54	6.7768114	-6.44E-02	40984553	40984676	NC_000021.8
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cg06240173	6.97E-07	9.53E-08	-5.54	6.7750479	-5.18E-02	63449105	63449228	NC_000015.9
cg07150145	6.98E-07	9.53E-08	-5.54	6.7745675	-6.90E-02	47656137	47656260	NC_000001.10
cg20118577	6.98E-07	9.54E-08	-5.54	6.7744117	-9.49E-02	72839832	72839955	NC_000018.9

cg07364433	6.98E-07	9.54E-08	-5.54	6.7738428	-9.75E-02	218872657	218872780	NC_000002.11
cg09909671	6.98E-07	9.54E-08	-5.54	6.773482	-1.46E-02	13689641	13689764	NC_000011.9
cg08334153	6.98E-07	9.55E-08	-5.54	6.7733487	-3.32E-02	128806872	128806995	NC_000008.10
cg03923285	6.99E-07	9.55E-08	-5.54	6.7729472	-8.45E-02	412168	412291	NC_000016.9
cg18872604	6.99E-07	9.55E-08	-5.54	6.7727906	-4.06E-02	64002754	64002877	NC_000011.9
cg24544105	6.99E-07	9.56E-08	-5.54	6.7718274	-1.43E-01	74753312	74753435	NC_000002.11
cg09436562	6.99E-07	9.56E-08	-5.54	6.7718091	-1.66E-02	18415874	18415997	NC_000011.9
cg19895380	7.00E-07	9.56E-08	-5.54	6.7714351	-3.83E-02	143913569	143913692	NC_000001.10
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cg10804363	7.00E-07	9.57E-08	-5.54	6.7711657	-3.44E-02	35580365	35580488	NC_000020.10
cg25913882	7.00E-07	9.57E-08	-5.54	6.771025	-1.09E-01	17067842	17067965	NC_000010.10
cg17657594	7.00E-07	9.57E-08	-5.54	6.7704753	-3.39E-02	28892012	28892135	NC_000006.11
cg01027976	7.00E-07	9.58E-08	-5.54	6.7702118	-8.91E-02	42734612	42734735	NC_000022.10
ch.16.589030R	7.01E-07	9.58E-08	-5.54	6.7701221	-2.05E-02	17542328	17542451	NC_000016.9
cg09043511	7.01E-07	9.58E-08	-5.54	6.76959	-9.82E-02	52305945	52306068	NC_000012.11
cg03934150	7.01E-07	9.59E-08	-5.54	6.7691952	-3.03E-02	244212074	244212197	NC_000001.10
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cg18881776	7.03E-07	9.61E-08	-5.54	6.767056	-1.46E-02	28052146	28052269	NC_000001.10
cg17662953	7.03E-07	9.62E-08	-5.54	6.7663066	-1.36E-02	48173280	48173403	NC_000008.10
cg04332914	7.03E-07	9.62E-08	-5.54	6.7661161	-2.31E-02	53381587	53381710	NC_000003.11
cg01041239	7.03E-07	9.62E-08	-5.54	6.7658606	-1.11E-01	13222581	13222704	NC_000018.9
cg19439123	7.04E-07	9.63E-08	-5.54	6.7651572	-1.20E-01	17687621	17687744	NC_000017.10
cg16389474	7.04E-07	9.63E-08	-5.54	6.7643315	-1.43E-02	60878197	60878320	NC_000020.10
cg12340381	7.05E-07	9.64E-08	-5.54	6.7635918	-3.66E-02	37824788	37824911	NC_000013.10

cg15483084	7.05E-07	9.64E-08	-5.54	6.7634452	-1.02E-01	956502	956625	NC_000007.13
cg05878073	7.06E-07	9.65E-08	-5.54	6.7626864	-1.47E-01	74766220	74766343	NC_000014.8
cg12701088	7.06E-07	9.65E-08	-5.54	6.762509	-5.95E-02	113639718	113639841	NC_000013.10
cg25426723	7.06E-07	9.66E-08	-5.54	6.7620858	-4.62E-02	6750836	6750959	NC_000005.9
cg07193504	7.06E-07	9.66E-08	-5.54	6.7617544	-9.69E-02	225964856	225964979	NC_000001.10
cg24435866	7.08E-07	9.68E-08	-5.54	6.7597171	-2.86E-02	154976595	154976718	NC_000001.10
cg18428489	7.08E-07	9.68E-08	-5.54	6.759528	-6.59E-02	52546408	52546531	NC_000012.11
cg07060117	7.08E-07	9.68E-08	-5.54	6.7593594	-1.54E-02	75467772	75467895	NC_000016.9
cg14170609	7.08E-07	9.69E-08	-5.54	6.7591162	-5.17E-02	59060978	59061101	NC_000015.9
cg12670477	7.08E-07	9.69E-08	-5.54	6.7586661	-6.99E-02	18727774	18727897	NC_000011.9
cg16576033	7.08E-07	9.69E-08	-5.54	6.7583788	-1.37E-01	235268621	235268744	NC_000001.10
cg04618331	7.09E-07	9.70E-08	-5.54	6.7576416	-4.19E-02	64136263	64136386	NC_000011.9
cg12074493	7.10E-07	9.72E-08	-5.54	6.7560155	-4.53E-02	28564117	28564240	NC_000017.10
cg07052524	7.10E-07	9.72E-08	-5.54	6.7557161	-1.45E-01	40009835	40009958	NC_000019.9
cg27645955	7.10E-07	9.72E-08	-5.54	6.7556305	-5.24E-02	21386885	21387008	NC_000022.10
cg14150186	7.11E-07	9.73E-08	-5.54	6.7548645	-1.14E-01	105764606	105764729	NC_000009.11
cg22777433	7.11E-07	9.73E-08	-5.54	6.7546985	-1.53E-01	100784665	100784788	NC_000014.8
cg09813986	7.11E-07	9.73E-08	-5.54	6.7545989	-1.28E-01	32445429	32445552	NC_000005.9
cg05359207	7.12E-07	9.74E-08	-5.54	6.753312	-7.93E-02	52196506	52196629	NC_000020.10
cg14006309	7.12E-07	9.75E-08	-5.54	6.7528791	-1.32E-02	33281552	33281675	NC_000006.11
cg25433648	7.13E-07	9.75E-08	-5.54	6.7524594	-1.15E-01	153588782	153588905	NC_000001.10
cg07841232	7.13E-07	9.75E-08	-5.54	6.7524533	-1.02E-01	75593825	75593948	NC_000016.9
cg13736131	7.13E-07	9.76E-08	-5.54	6.7520076	-9.03E-02	8832907	8833030	NC_000011.9
cg11037477	7.13E-07	9.76E-08	-5.54	6.7518301	-6.08E-02	99851008	99851131	NC_000004.11
cg08654091	7.13E-07	9.76E-08	-5.54	6.7517386	-1.16E-01	227015418	227015541	NC_000001.10

cg09875444	7.13E-07	9.76E-08	-5.54	6.7513908	-8.88E-02	52317302	52317425	NC_000012.11
cg22325145	7.14E-07	9.77E-08	-5.54	6.7509447	-7.42E-02	38825918	38826041	NC_000022.10
cg04554576	7.14E-07	9.77E-08	-5.54	6.7507744	-1.00E-01	200168577	200168700	NC_000002.11
cg06812574	7.14E-07	9.77E-08	-5.54	6.7505597	-1.05E-01	18331664	18331787	NC_000010.10
cg07244202	7.14E-07	9.77E-08	-5.54	6.7504139	-9.00E-02	127750970	127751093	NC_000010.10
cg00360230	7.15E-07	9.78E-08	-5.54	6.7495199	-3.66E-02	135229656	135229779	NC_000009.11
cg19997196	7.15E-07	9.78E-08	-5.54	6.7494504	-1.28E-01	127769491	127769614	NC_000010.10
cg09373786	7.15E-07	9.79E-08	-5.54	6.7491418	-6.57E-02	93156639	93156762	NC_000008.10
cg01503516	7.15E-07	9.79E-08	-5.54	6.7487854	-9.22E-02	85202406	85202529	NC_000015.9
cg23873525	7.15E-07	9.79E-08	-5.54	6.7484488	-8.33E-02	103070221	103070344	NC_000010.10
cg15550618	7.15E-07	9.80E-08	-5.54	6.7480205	-6.04E-02	43576101	43576224	NC_000006.11
cg04827020	7.16E-07	9.80E-08	-5.54	6.7478909	-9.86E-02	39875655	39875778	NC_000015.9
cg06300469	7.17E-07	9.81E-08	-5.54	6.7463248	-9.28E-02	125383138	125383261	NC_000012.11
cg08744726	7.17E-07	9.81E-08	-5.54	6.7463154	-7.62E-02	149323101	149323224	NC_000007.13
cg14180343	7.17E-07	9.82E-08	-5.54	6.7461433	-5.06E-02	40363827	40363950	NC_000013.10
cg07923588	7.17E-07	9.82E-08	-5.54	6.746092	-5.76E-02	150312704	150312827	NC_000006.11
cg26970042	7.17E-07	9.82E-08	-5.54	6.7460591	-7.06E-02	111815419	111815542	NC_000011.9
cg26532393	7.17E-07	9.82E-08	-5.54	6.7454234	-3.41E-02	129939253	129939376	NC_000011.9
cg21528927	7.18E-07	9.83E-08	-5.54	6.7448147	-1.24E-01	308821	308944	NC_000012.11
cg06093379	7.18E-07	9.83E-08	-5.54	6.7444455	-8.13E-02	44896080	44896203	NC_000017.10
cg16448058	7.18E-07	9.84E-08	-5.54	6.744174	-4.65E-02	102880841	102880964	NC_000010.10
cg09198200	7.19E-07	9.84E-08	-5.54	6.7436438	-9.52E-02	208123481	208123604	NC_000002.11
cg06074146	7.19E-07	9.85E-08	-5.54	6.7433044	-1.66E-01	21298449	21298572	NC_000013.10
cg17076485	7.19E-07	9.85E-08	-5.54	6.742817	-9.61E-02	116580712	116580835	NC_000011.9
cg08728129	7.19E-07	9.85E-08	-5.54	6.7425793	-1.69E-02	46894191	46894314	NC_000017.10

cg18750756	7.20E-07	9.86E-08	-5.54	6.741625	-1.15E-01	4337231	4337354	NC_000017.10
cg03864215	7.20E-07	9.87E-08	-5.54	6.7411856	-5.73E-02	17408437	17408560	NC_000011.9
cg18954047	7.21E-07	9.87E-08	-5.54	6.7408175	-1.13E-01	28889682	28889805	NC_000006.11
cg15555995	7.21E-07	9.87E-08	-5.54	6.7407208	-1.83E-02	141258138	141258261	NC_000005.9
cg11180288	7.21E-07	9.87E-08	-5.54	6.7404035	-2.67E-02	7143098	7143221	NC_000017.10
cg05543593	7.21E-07	9.88E-08	-5.54	6.7400592	-1.31E-01	21511899	21512022	NC_000002.11
cg06803706	7.21E-07	9.88E-08	-5.54	6.739771	-8.84E-02	1709413	1709536	NC_000005.9
cg01889306	7.21E-07	9.88E-08	-5.54	6.7396152	-7.80E-02	91738961	91739084	NC_000014.8
cg00067768	7.21E-07	9.88E-08	-5.54	6.739398	-8.29E-02	183886674	183886797	NC_000003.11
cg00978910	7.22E-07	9.89E-08	-5.54	6.7387454	-1.81E-02	172502140	172502263	NC_000001.10
cg13303573	7.22E-07	9.89E-08	-5.54	6.7384632	-3.78E-02	21278287	21278410	NC_000013.10
cg06653052	7.24E-07	9.92E-08	-5.54	6.7360455	-4.89E-02	1275167	1275290	NC_000019.9
cg05916545	7.24E-07	9.92E-08	-5.54	6.7356249	-1.05E-01	74901513	74901636	NC_000004.11
cg02576395	7.25E-07	9.93E-08	-5.54	6.7348507	-4.60E-02	27884179	27884302	NC_000001.10
cg05037168	7.25E-07	9.93E-08	-5.54	6.7347903	-2.25E-02	46259470	46259593	NC_000011.9
cg12485386	7.25E-07	9.94E-08	-5.53	6.734312	-9.49E-02	55607746	55607869	NC_000019.9
cg08056629	7.25E-07	9.94E-08	-5.53	6.7342913	-1.01E-01	154359587	154359710	NC_000001.10
cg22736267	7.25E-07	9.94E-08	-5.53	6.7338863	-9.33E-02	148841524	148841647	NC_000007.13
cg00804433	7.25E-07	9.94E-08	-5.53	6.733635	-6.34E-02	7940052	7940175	NC_000019.9
cg27299526	7.26E-07	9.95E-08	-5.53	6.7325554	-4.90E-02	6657744	6657867	NC_000012.11
cg03239638	7.26E-07	9.96E-08	-5.53	6.7325235	-8.74E-02	37529510	37529633	NC_000021.8
cg03900072	7.27E-07	9.96E-08	-5.53	6.7319828	-1.16E-01	30060822	30060945	NC_000020.10
cg25080322	7.27E-07	9.96E-08	-5.53	6.7316308	-2.74E-02	205410435	205410558	NC_000002.11
cg12361987	7.27E-07	9.97E-08	-5.53	6.7310907	-6.62E-02	50109467	50109590	NC_000007.13
cg05207465	7.28E-07	9.98E-08	-5.53	6.7296187	-7.81E-02	154318039	154318162	NC_000005.9



cg25455811	7.29E-07	9.99E-08	-5.53	6.7292531	-1.01E-01	77072789	77072912	NC_000005.9
cg03706154	7.29E-07	9.99E-08	-5.53	6.7292003	-3.56E-02	80789586	80789709	NC_000008.10
cg16147529	7.29E-07	9.99E-08	-5.53	6.7288141	-8.11E-02	23182961	23183084	NC_000014.8
ch.14.37665462F	7.29E-07	1.00E-07	-5.53	6.7284179	-3.70E-02	38595711	38595834	NC_000014.8
cg02867079	7.30E-07	1.00E-07	-5.53	6.7273878	-1.13E-01	100111269	100111392	NC_000014.8
cg08244078	7.30E-07	1.00E-07	-5.53	6.7271717	-1.90E-02	62654024	62654147	NC_000012.11
cg24718197	7.30E-07	1.00E-07	-5.53	6.7269386	-5.70E-02	79485709	79485832	NC_000017.10
cg22504024	7.30E-07	1.00E-07	-5.53	6.7267473	-1.03E-01	111710593	111710716	NC_000012.11
cg00926926	7.30E-07	1.00E-07	-5.53	6.7265594	-6.52E-02	89445433	89445556	NC_000016.9
cg26006440	7.31E-07	1.00E-07	-5.53	6.7263407	-1.38E-02	4868007	4868130	NC_000019.9
cg03207265	7.31E-07	1.00E-07	-5.53	6.7251228	-8.67E-02	43164543	43164666	NC_000022.10
cg01006102	7.32E-07	1.00E-07	-5.53	6.7247768	-5.42E-02	195590998	195591121	NC_000003.11
cg04835615	7.32E-07	1.00E-07	-5.53	6.7247192	-2.64E-02	3773828	3773951	NC_000001.10
cg18933331	7.32E-07	1.00E-07	-5.53	6.724653	-5.77E-02	110186418	110186541	NC_000001.10
cg10398905	7.32E-07	1.00E-07	-5.53	6.7240737	-8.69E-02	97406466	97406589	NC_000002.11
cg11614536	7.32E-07	1.00E-07	-5.53	6.7235285	-4.39E-02	30348709	30348832	NC_000010.10
cg10165222	7.32E-07	1.00E-07	-5.53	6.723439	-1.57E-02	119134612	119134735	NC_000010.10
cg15571231	7.33E-07	1.01E-07	-5.53	6.7228975	-5.93E-02	153277513	153277636	NC_000002.11
cg01870113	7.34E-07	1.01E-07	-5.53	6.7218234	-8.31E-02	140106010	140106133	NC_000009.11
cg00209328	7.34E-07	1.01E-07	-5.53	6.7214434	-1.47E-02	27397486	27397609	NC_000012.11
cg01594949	7.34E-07	1.01E-07	-5.53	6.7214084	-1.01E-01	140197890	140198013	NC_000009.11
cg02893429	7.34E-07	1.01E-07	-5.53	6.7213812	-1.22E-01	38404263	38404386	NC_000002.11
cg02149773	7.34E-07	1.01E-07	-5.53	6.7212179	-7.25E-02	39759335	39759458	NC_000019.9
cg12217971	7.35E-07	1.01E-07	-5.53	6.7200179	-8.89E-02	30216986	30217109	NC_000015.9
cg26787020	7.35E-07	1.01E-07	-5.53	6.7194555	-8.67E-02	174968089	174968212	NC_000001.10

cg24372558	7.35E-07	1.01E-07	-5.53	6.7192584	-3.42E-02	105412467	105412590	NC_000004.11
cg00040590	7.36E-07	1.01E-07	-5.53	6.7186702	-8.67E-02	17897985	17898108	NC_000022.10
cg26553501	7.36E-07	1.01E-07	-5.53	6.7184937	-1.04E-01	2145276	2145399	NC_000001.10
cg18919642	7.36E-07	1.01E-07	-5.53	6.718332	-3.92E-02	69139827	69139950	NC_000012.11
cg20768043	7.36E-07	1.01E-07	-5.53	6.7181736	-6.98E-02	50679681	50679804	NC_000005.9
cg11902180	7.37E-07	1.01E-07	-5.53	6.7168633	-9.34E-02	1780242	1780365	NC_000008.10
cg11400333	7.37E-07	1.01E-07	-5.53	6.716359	-3.03E-02	66059695	66059818	NC_000011.9
cg27381979	7.38E-07	1.01E-07	-5.53	6.7157455	-6.54E-02	13537787	13537910	NC_000003.11
cg02936035	7.38E-07	1.01E-07	-5.53	6.7152909	-1.07E-01	47631791	47631914	NC_000006.11
cg16070740	7.39E-07	1.01E-07	-5.53	6.7143747	-1.13E-01	169569703	169569826	NC_000006.11
cg19861260	7.39E-07	1.01E-07	-5.53	6.7138553	-1.41E-01	87228749	87228872	NC_000007.13
cg22843670	7.39E-07	1.01E-07	-5.53	6.7137798	-3.06E-02	149902022	149902145	NC_000003.11
cg14594459	7.40E-07	1.02E-07	-5.53	6.7132014	-2.62E-02	110374675	110374798	NC_000008.10
cg10653240	7.40E-07	1.02E-07	-5.53	6.7131389	-5.37E-02	51810892	51811015	NC_000001.10
cg22909609	7.40E-07	1.02E-07	-5.53	6.7124452	-1.20E-01	102105440	102105563	NC_000013.10
cg24530074	7.40E-07	1.02E-07	-5.53	6.7122557	-7.33E-02	173327921	173328044	NC_000002.11
cg04136113	7.41E-07	1.02E-07	-5.53	6.7112655	-7.14E-02	78668022	78668145	NC_000017.10
cg25218793	7.41E-07	1.02E-07	-5.53	6.7111303	-7.16E-02	3387341	3387464	NC_000004.11
cg16558695	7.41E-07	1.02E-07	-5.53	6.7109724	-9.94E-02	44847999	44848122	NC_000010.10
cg03393445	7.42E-07	1.02E-07	-5.53	6.7104627	-7.00E-02	19249545	19249668	NC_000008.10
cg15368544	7.42E-07	1.02E-07	-5.53	6.710216	-9.84E-02	39110451	39110574	NC_000017.10
cg21634993	7.42E-07	1.02E-07	-5.53	6.7097037	-3.68E-02	140619779	140619902	NC_000004.11
cg17409920	7.43E-07	1.02E-07	-5.53	6.7087759	-7.89E-02	176755805	176755928	NC_000005.9
cg07103714	7.43E-07	1.02E-07	-5.53	6.7082231	-3.01E-02	2954750	2954873	NC_000016.9
cg21818891	7.43E-07	1.02E-07	-5.53	6.707885	-1.15E-01	35310917	35311040	NC_000011.9

cg20018782	7.43E-07	1.02E-07	-5.53	6.707768	-1.00E-01	23317496	23317619	NC_000014.8
cg27571351	7.44E-07	1.02E-07	-5.53	6.707516	-6.20E-02	17619364	17619487	NC_000010.10
cg22068044	7.44E-07	1.02E-07	-5.53	6.7071398	-3.35E-02	140095070	140095193	NC_000009.11
cg25439951	7.45E-07	1.02E-07	-5.53	6.7063346	-7.26E-02	176245309	176245432	NC_000005.9
cg22346461	7.45E-07	1.02E-07	-5.53	6.7059978	-5.56E-02	183155573	183155696	NC_000001.10
cg00620452	7.46E-07	1.02E-07	-5.53	6.7043053	-6.47E-02	32147645	32147768	NC_000003.11
ch.1.176851855F	7.46E-07	1.03E-07	-5.53	6.7038554	-5.49E-02	178585232	178585355	NC_000001.10
cg03261725	7.47E-07	1.03E-07	-5.53	6.7035085	-8.35E-02	70367843	70367966	NC_000017.10
cg18129628	7.47E-07	1.03E-07	-5.53	6.7032841	-9.76E-02	47113489	47113612	NC_000017.10
cg07154958	7.47E-07	1.03E-07	-5.53	6.7032651	-1.54E-02	95582416	95582539	NC_000001.10
cg11525409	7.47E-07	1.03E-07	-5.53	6.7027684	-1.01E-01	74236068	74236191	NC_000002.11
cg08354406	7.47E-07	1.03E-07	-5.53	6.7023471	-1.37E-01	115370978	115371101	NC_000010.10
cg10030791	7.48E-07	1.03E-07	-5.53	6.7015203	-1.11E-01	57364888	57365011	NC_000011.9
cg11948766	7.48E-07	1.03E-07	-5.53	6.7015058	-1.02E-01	49494499	49494622	NC_000008.10
cg10656674	7.48E-07	1.03E-07	-5.53	6.7012812	-3.98E-02	101801826	101801949	NC_000012.11
cg27539247	7.48E-07	1.03E-07	-5.53	6.7012414	-1.58E-02	173793289	173793412	NC_000001.10
cg00352576	7.49E-07	1.03E-07	-5.53	6.6999638	-9.83E-02	135454197	135454320	NC_000009.11
cg01548463	7.49E-07	1.03E-07	-5.53	6.6997171	-1.22E-01	135433715	135433838	NC_000007.13
cg09634019	7.49E-07	1.03E-07	-5.53	6.6994181	-1.23E-01	62952542	62952665	NC_000002.11
cg27020260	7.50E-07	1.03E-07	-5.53	6.6992497	-4.45E-02	25175711	25175834	NC_000004.11
cg22508569	7.50E-07	1.03E-07	-5.53	6.6983901	-2.12E-02	127771381	127771504	NC_000003.11
cg01117339	7.51E-07	1.03E-07	-5.53	6.6968257	-1.06E-01	73737124	73737247	NC_000011.9
cg24171337	7.52E-07	1.03E-07	-5.53	6.6959294	-4.89E-02	105946028	105946151	NC_000002.11
cg05049335	7.52E-07	1.03E-07	-5.53	6.6956483	-5.81E-02	66103889	66104012	NC_000011.9
cg27341866	7.53E-07	1.03E-07	-5.53	6.6950916	-2.47E-01	2278618	2278741	NC_000019.9

cg25313204	7.53E-07	1.03E-07	-5.53	6.6949865	-1.02E-01	160768801	160768924	NC_000006.11
cg10675515	7.54E-07	1.04E-07	-5.53	6.6938968	-7.92E-02	51978789	51978912	NC_000019.9
cg08715226	7.54E-07	1.04E-07	-5.53	6.6935031	-9.31E-02	62327732	62327855	NC_000020.10
cg26530485	7.55E-07	1.04E-07	-5.53	6.6924214	-1.35E-01	23496304	23496427	NC_000001.10
cg21932297	7.55E-07	1.04E-07	-5.53	6.6919105	-2.73E-02	97910808	97910931	NC_000007.13
cg00142150	7.55E-07	1.04E-07	-5.53	6.6911843	-5.57E-02	38071001	38071124	NC_000022.10
cg08127916	7.56E-07	1.04E-07	-5.53	6.6905991	-1.04E-01	122643989	122644112	NC_000011.9
cg09213929	7.56E-07	1.04E-07	-5.53	6.690579	-5.15E-02	111170578	111170701	NC_000011.9
cg12830299	7.56E-07	1.04E-07	-5.53	6.6901189	-2.58E-02	139334128	139334251	NC_000009.11
cg02542218	7.56E-07	1.04E-07	-5.53	6.6899505	-6.81E-02	131630566	131630689	NC_000007.13
cg20841134	7.57E-07	1.04E-07	-5.53	6.689154	-5.63E-02	64247030	64247153	NC_000002.11
cg01954585	7.58E-07	1.04E-07	-5.53	6.6882443	-1.14E-01	86270435	86270558	NC_000015.9
cg19014623	7.58E-07	1.04E-07	-5.53	6.687617	-7.23E-02	100244946	100245069	NC_000007.13
cg12791245	7.58E-07	1.04E-07	-5.53	6.687361	-9.91E-02	78085644	78085767	NC_000017.10
cg19887750	7.58E-07	1.04E-07	-5.53	6.6871182	-8.68E-02	47813174	47813297	NC_000018.9
cg21911100	7.59E-07	1.04E-07	-5.53	6.6869258	-6.82E-02	4361555	4361678	NC_000019.9
cg10315945	7.59E-07	1.04E-07	-5.52	6.6862747	-8.85E-02	17236551	17236674	NC_000001.10
cg13601740	7.59E-07	1.04E-07	-5.52	6.6858933	-7.62E-02	66627194	66627317	NC_000011.9
cg07909359	7.59E-07	1.04E-07	-5.52	6.6857247	-7.18E-02	67208405	67208528	NC_000016.9
cg15927878	7.60E-07	1.05E-07	-5.52	6.684947	-1.28E-02	21151904	21152027	NC_000014.8
cg01670714	7.60E-07	1.05E-07	-5.52	6.684784	-7.09E-02	33111318	33111441	NC_000020.10
cg08488915	7.60E-07	1.05E-07	-5.52	6.6844336	-1.04E-01	1494272	1494395	NC_000017.10
cg21900928	7.60E-07	1.05E-07	-5.52	6.684365	-1.12E-01	29294897	29295020	NC_000007.13
cg26438325	7.60E-07	1.05E-07	-5.52	6.6841554	-8.40E-02	28176718	28176841	NC_000007.13
cg08759309	7.61E-07	1.05E-07	-5.52	6.6840273	-8.01E-02	1950271	1950394	NC_000005.9

cg04079176	7.61E-07	1.05E-07	-5.52	6.683915	-3.83E-02	110962342	110962465	NC_000002.11
cg00000029	7.61E-07	1.05E-07	-5.52	6.6838332	-8.41E-02	53468112	53468235	NC_000016.9
cg07772781	7.61E-07	1.05E-07	-5.52	6.6832845	-1.31E-01	101798142	101798265	NC_000003.11
cg15748271	7.61E-07	1.05E-07	-5.52	6.6829805	-1.07E-01	104416925	104417048	NC_000010.10
cg01706263	7.61E-07	1.05E-07	-5.52	6.6827902	-1.08E-01	10893100	10893223	NC_000008.10
cg14569209	7.61E-07	1.05E-07	-5.52	6.6827177	-1.25E-01	62726223	62726346	NC_000011.9
cg25914270	7.62E-07	1.05E-07	-5.52	6.6823098	-5.76E-02	85913777	85913900	NC_000005.9
cg25875049	7.62E-07	1.05E-07	-5.52	6.6822871	-1.08E-01	43531947	43532070	NC_000015.9
cg17450546	7.62E-07	1.05E-07	-5.52	6.681413	-2.55E-02	44439266	44439389	NC_000019.9
cg00994411	7.63E-07	1.05E-07	-5.52	6.6810767	-2.62E-02	52812171	52812294	NC_000008.10
cg08198609	7.63E-07	1.05E-07	-5.52	6.6800655	-6.61E-02	75458056	75458179	NC_000010.10
cg19998151	7.63E-07	1.05E-07	-5.52	6.6799344	-8.94E-02	267613	267736	NC_000011.9
cg22543026	7.64E-07	1.05E-07	-5.52	6.6797797	-1.56E-01	208338079	208338202	NC_000002.11
cg02169185	7.64E-07	1.05E-07	-5.52	6.6791198	-4.20E-02	101899429	101899552	NC_000007.13
cg11524400	7.64E-07	1.05E-07	-5.52	6.6789398	-1.12E-01	1778524	1778647	NC_000011.9
cg09194364	7.64E-07	1.05E-07	-5.52	6.6785887	-1.43E-01	119612475	119612598	NC_000011.9
cg18030372	7.65E-07	1.05E-07	-5.52	6.6781771	-6.03E-02	2069750	2069873	NC_000004.11
cg24290948	7.65E-07	1.05E-07	-5.52	6.6773007	-1.09E-01	12800802	12800925	NC_000003.11
cg00782854	7.65E-07	1.05E-07	-5.52	6.677111	-2.59E-02	30310858	30310981	NC_000020.10
cg20677365	7.66E-07	1.05E-07	-5.52	6.6768507	-5.68E-02	18155916	18156039	NC_000006.11
cg14152268	7.66E-07	1.05E-07	-5.52	6.6763604	-9.33E-02	105287427	105287550	NC_000014.8
cg08762653	7.67E-07	1.06E-07	-5.52	6.6754183	-3.67E-02	56293564	56293687	NC_000020.10
cg16102063	7.67E-07	1.06E-07	-5.52	6.6745257	-6.47E-02	22298240	22298363	NC_000008.10
cg08438690	7.68E-07	1.06E-07	-5.52	6.6743856	-1.40E-01	52279403	52279526	NC_000003.11
cg26672426	7.68E-07	1.06E-07	-5.52	6.6739892	-8.46E-02	132514582	132514705	NC_000009.11

cg20707633	7.68E-07	1.06E-07	-5.52	6.6736904	-1.41E-02	46987095	46987218	NC_000018.9
cg08918811	7.68E-07	1.06E-07	-5.52	6.6732112	-6.47E-03	19262251	19262374	NC_000011.9
cg02873991	7.69E-07	1.06E-07	-5.52	6.67288	-1.47E-01	25151263	25151386	NC_000012.11
cg11358199	7.69E-07	1.06E-07	-5.52	6.6727663	-1.09E-01	8453529	8453652	NC_000002.11
cg13490422	7.69E-07	1.06E-07	-5.52	6.6727574	-1.06E-01	50377731	50377854	NC_000012.11
cg06539921	7.69E-07	1.06E-07	-5.52	6.6718387	-5.75E-02	26973309	26973432	NC_000011.9
cg00908631	7.70E-07	1.06E-07	-5.52	6.6713592	-1.20E-01	51433616	51433739	NC_000001.10
cg24299913	7.70E-07	1.06E-07	-5.52	6.6712428	-1.18E-01	42408316	42408439	NC_000019.9
cg08536417	7.70E-07	1.06E-07	-5.52	6.6709707	-1.96E-02	23728250	23728373	NC_000010.10
cg14484792	7.70E-07	1.06E-07	-5.52	6.670334	-1.18E-01	38511543	38511666	NC_000014.8
cg12177922	7.71E-07	1.06E-07	-5.52	6.6702725	-7.14E-02	154245232	154245355	NC_000001.10
cg06726262	7.71E-07	1.06E-07	-5.52	6.669568	-1.00E-02	15602873	15602996	NC_000017.10
cg01142096	7.71E-07	1.06E-07	-5.52	6.6695049	-8.11E-02	682091	682214	NC_000008.10
cg20856161	7.71E-07	1.06E-07	-5.52	6.6690236	-2.04E-02	1853713	1853836	NC_000011.9
cg20095398	7.72E-07	1.06E-07	-5.52	6.6687863	-1.02E-01	1571649	1571772	NC_000004.11
cg23666180	7.72E-07	1.06E-07	-5.52	6.6684328	-1.02E-02	27100115	27100238	NC_000006.11
cg02847897	7.72E-07	1.06E-07	-5.52	6.6678412	-8.24E-02	88142275	88142398	NC_000004.11
cg16913233	7.73E-07	1.06E-07	-5.52	6.6671449	-1.01E-01	157073403	157073526	NC_000007.13
cg21214521	7.73E-07	1.07E-07	-5.52	6.66651	-1.53E-01	569979	570102	NC_000007.13
cg11535839	7.73E-07	1.07E-07	-5.52	6.6663417	-1.10E-01	28582676	28582799	NC_000002.11
ch.18.1546242R	7.74E-07	1.07E-07	-5.52	6.6660313	-3.60E-02	76891500	76891623	NC_000018.9
cg11758345	7.74E-07	1.07E-07	-5.52	6.6653461	-9.55E-02	79304498	79304621	NC_000017.10
cg27277439	7.74E-07	1.07E-07	-5.52	6.6650596	-5.54E-02	52433577	52433700	NC_000010.10
cg14624381	7.75E-07	1.07E-07	-5.52	6.6645377	-4.08E-02	132222201	132222324	NC_000009.11
cg07456681	7.75E-07	1.07E-07	-5.52	6.664079	-1.01E-01	15146876	15146999	NC_000016.9

cg05148093	7.75E-07	1.07E-07	-5.52	6.6638437	-3.01E-02	140027274	140027397	NC_000005.9
cg02493771	7.75E-07	1.07E-07	-5.52	6.6637001	-5.47E-02	31744328	31744451	NC_000021.8
cg09364426	7.75E-07	1.07E-07	-5.52	6.6636198	-5.37E-02	163201346	163201469	NC_000001.10
cg09145139	7.76E-07	1.07E-07	-5.52	6.662919	-2.23E-02	95256412	95256535	NC_000010.10
cg21545548	7.77E-07	1.07E-07	-5.52	6.6612964	-1.47E-01	26296575	26296698	NC_000006.11
cg11686792	7.77E-07	1.07E-07	-5.52	6.6612809	-1.14E-01	114876061	114876184	NC_000013.10
cg02872930	7.78E-07	1.07E-07	-5.52	6.6604725	-6.95E-02	45649752	45649875	NC_000019.9
cg03536664	7.78E-07	1.07E-07	-5.52	6.6597659	-8.68E-02	48636487	48636610	NC_000003.11
cg25953012	7.80E-07	1.08E-07	-5.52	6.6576868	-3.31E-02	50052901	50053024	NC_000014.8
cg13650504	7.80E-07	1.08E-07	-5.52	6.6576427	-7.37E-02	692026	692149	NC_000002.11
cg18109798	7.80E-07	1.08E-07	-5.52	6.6575881	-1.08E-01	20848473	20848596	NC_000012.11
cg04172000	7.80E-07	1.08E-07	-5.52	6.6574702	-3.87E-02	16771088	16771211	NC_000019.9
cg06872313	7.83E-07	1.08E-07	-5.52	6.653619	-7.74E-02	14413185	14413308	NC_000012.11
cg20253561	7.83E-07	1.08E-07	-5.52	6.6535212	-1.08E-01	237916368	237916491	NC_000001.10
cg13911594	7.83E-07	1.08E-07	-5.52	6.653489	-9.25E-02	1074757	1074880	NC_000011.9
cg02806156	7.84E-07	1.08E-07	-5.52	6.6527897	-8.17E-02	89728752	89728875	NC_000012.11
cg03491087	7.84E-07	1.08E-07	-5.52	6.6518154	-1.02E-01	75073928	75074051	NC_000014.8
cg05278335	7.86E-07	1.08E-07	-5.52	6.6503013	-1.38E-02	13329023	13329146	NC_000006.11
cg03022263	7.86E-07	1.08E-07	-5.52	6.6496542	-7.77E-02	104356172	104356295	NC_000014.8
cg22123542	7.86E-07	1.08E-07	-5.52	6.6495221	-7.15E-02	120905163	120905286	NC_000001.10
cg14302489	7.86E-07	1.08E-07	-5.52	6.6490576	-2.50E-02	66556779	66556902	NC_000008.10
cg00898274	7.87E-07	1.09E-07	-5.52	6.6484554	-1.02E-01	88448035	88448158	NC_000010.10
cg13053608	7.87E-07	1.09E-07	-5.52	6.6478436	-9.50E-02	40345673	40345796	NC_000017.10
cg17092985	7.87E-07	1.09E-07	-5.52	6.6477498	-9.90E-02	20119213	20119336	NC_000008.10
cg05681977	7.88E-07	1.09E-07	-5.52	6.6476556	-7.06E-02	145638934	145639057	NC_000008.10

cg01948201	7.88E-07	1.09E-07	-5.52	6.6476187	-5.01E-02	64682236	64682359	NC_000002.11
cg15108641	7.88E-07	1.09E-07	-5.52	6.6475729	-1.11E-01	99263320	99263443	NC_000010.10
cg11715092	7.88E-07	1.09E-07	-5.52	6.6474123	-7.71E-02	47705294	47705417	NC_000021.8
cg08221136	7.89E-07	1.09E-07	-5.52	6.6461203	-7.36E-02	102422608	102422731	NC_000014.8
cg01925393	7.89E-07	1.09E-07	-5.52	6.645864	-3.68E-02	24194307	24194430	NC_000001.10
cg01524091	7.89E-07	1.09E-07	-5.52	6.6450653	-3.11E-02	44281032	44281155	NC_000006.11
cg24054774	7.90E-07	1.09E-07	-5.52	6.6446948	-4.79E-02	19750334	19750457	NC_000012.11
cg00437124	7.90E-07	1.09E-07	-5.52	6.6441395	-1.22E-01	114475951	114476074	NC_000006.11
cg14195117	7.91E-07	1.09E-07	-5.52	6.6435637	-9.25E-02	114936583	114936706	NC_000009.11
cg06937595	7.91E-07	1.09E-07	-5.52	6.643526	-9.42E-02	1868501	1868624	NC_000001.10
cg04041679	7.91E-07	1.09E-07	-5.52	6.6433533	-1.17E-01	118537229	118537352	NC_000012.11
cg26147845	7.91E-07	1.09E-07	-5.52	6.6433466	-1.10E-01	132433838	132433961	NC_000012.11
cg07656391	7.91E-07	1.09E-07	-5.52	6.6431023	-3.33E-02	32264720	32264843	NC_000002.11
cg13586696	7.91E-07	1.09E-07	-5.52	6.6425471	-5.65E-02	29458723	29458846	NC_000022.10
cg02016065	7.91E-07	1.09E-07	-5.52	6.6424897	-9.86E-02	157290927	157291050	NC_000003.11
cg14510374	7.91E-07	1.09E-07	-5.52	6.6424067	-2.93E-02	50365322	50365445	NC_000003.11
cg20702295	7.92E-07	1.09E-07	-5.52	6.6422631	-2.01E-02	20307583	20307706	NC_000022.10
cg00538370	7.92E-07	1.09E-07	-5.52	6.6420598	-5.32E-02	8823090	8823213	NC_000002.11
ch.14.43986R	7.92E-07	1.09E-07	-5.52	6.6411578	-2.84E-02	21869499	21869622	NC_000014.8
cg27644254	7.93E-07	1.09E-07	-5.52	6.6403861	-1.77E-02	48556578	48556701	NC_000018.9
cg04594378	7.94E-07	1.10E-07	-5.52	6.6397377	-6.87E-02	85181102	85181225	NC_000016.9
cg14780255	7.94E-07	1.10E-07	-5.52	6.6396452	-1.13E-01	201720358	201720481	NC_000001.10
cg18634848	7.95E-07	1.10E-07	-5.51	6.6382599	-1.95E-02	13056459	13056582	NC_000019.9
cg02362848	7.95E-07	1.10E-07	-5.51	6.6374296	-4.76E-02	33848786	33848909	NC_000001.10
cg27643360	7.97E-07	1.10E-07	-5.51	6.6359449	-1.07E-01	32623819	32623942	NC_000008.10



cg10206440	7.97E-07	1.10E-07	-5.51	6.6358584	-6.37E-02	16353594	16353717	NC_000001.10
cg02407266	7.97E-07	1.10E-07	-5.51	6.6355789	-1.47E-01	79637979	79638102	NC_000010.10
cg18069356	7.97E-07	1.10E-07	-5.51	6.6355753	-1.06E-01	66594875	66594998	NC_000017.10
cg01021488	7.97E-07	1.10E-07	-5.51	6.635062	-7.65E-02	99395581	99395704	NC_000015.9
cg10976772	7.97E-07	1.10E-07	-5.51	6.6347809	-8.54E-02	6390595	6390718	NC_000001.10
cg15594471	7.98E-07	1.10E-07	-5.51	6.6342114	-9.20E-02	94883474	94883597	NC_000011.9
cg01189072	7.98E-07	1.10E-07	-5.51	6.6338832	-1.90E-01	1610660	1610783	NC_000001.10
cg05270381	7.99E-07	1.10E-07	-5.51	6.6329697	-3.93E-02	202976926	202977049	NC_000001.10
cg06837242	7.99E-07	1.10E-07	-5.51	6.6325253	-2.28E-02	19578761	19578884	NC_000001.10
cg05343159	7.99E-07	1.10E-07	-5.51	6.6322198	-1.03E-01	129347529	129347652	NC_000010.10
cg14320593	8.00E-07	1.10E-07	-5.51	6.6317114	-1.61E-02	47088343	47088466	NC_000018.9
cg04573276	8.00E-07	1.10E-07	-5.51	6.6312896	-1.50E-01	35639632	35639755	NC_000011.9
cg16300681	8.00E-07	1.11E-07	-5.51	6.6310962	-7.24E-02	180166492	180166615	NC_000005.9
cg09253473	8.01E-07	1.11E-07	-5.51	6.6303153	-1.00E-01	79877389	79877512	NC_000017.10
cg02512596	8.01E-07	1.11E-07	-5.51	6.6295479	-6.77E-02	48054563	48054686	NC_000021.8
cg27004640	8.02E-07	1.11E-07	-5.51	6.6283674	-6.05E-02	34663929	34664052	NC_000016.9
cg14816748	8.03E-07	1.11E-07	-5.51	6.6281269	-2.18E-02	74349897	74350020	NC_000017.10
cg04468568	8.03E-07	1.11E-07	-5.51	6.6277785	-6.66E-02	128776059	128776182	NC_000011.9
cg07700925	8.03E-07	1.11E-07	-5.51	6.6272887	-1.08E-01	129540267	129540390	NC_000010.10
cg17465827	8.04E-07	1.11E-07	-5.51	6.6262162	-6.04E-02	148538229	148538352	NC_000004.11
cg27438152	8.04E-07	1.11E-07	-5.51	6.6260661	-1.50E-01	31515761	31515884	NC_000015.9
cg12496156	8.05E-07	1.11E-07	-5.51	6.6250072	-7.33E-02	218666048	218666171	NC_000002.11
cg19801868	8.05E-07	1.11E-07	-5.51	6.6248884	-3.01E-02	6186542	6186665	NC_000010.10
cg24147343	8.05E-07	1.11E-07	-5.51	6.6243773	-6.86E-02	174221117	174221240	NC_000005.9
cg27131821	8.06E-07	1.11E-07	-5.51	6.624166	-9.10E-02	6104546	6104669	NC_000010.10

cg08062469	8.07E-07	1.11E-07	-5.51	6.6229229	-2.08E-02	26926627	26926750	NC_000017.10
cg27587645	8.08E-07	1.12E-07	-5.51	6.6209153	-1.82E-02	2015311	2015434	NC_000019.9
cg09122442	8.08E-07	1.12E-07	-5.51	6.6205368	-1.13E-01	6894410	6894533	NC_000004.11
cg18720803	8.09E-07	1.12E-07	-5.51	6.6202949	-8.76E-02	75608133	75608256	NC_000004.11
cg00285314	8.10E-07	1.12E-07	-5.51	6.6186788	-4.06E-02	68119255	68119378	NC_000016.9
cg13018099	8.10E-07	1.12E-07	-5.51	6.6186505	-2.95E-02	104350833	104350956	NC_000012.11
cg15858747	8.10E-07	1.12E-07	-5.51	6.6183283	-5.21E-02	155562314	155562437	NC_000007.13
cg13641690	8.10E-07	1.12E-07	-5.51	6.6182329	-8.45E-02	78114888	78115011	NC_000015.9
cg01781446	8.11E-07	1.12E-07	-5.51	6.6176454	-8.22E-02	7383488	7383611	NC_000017.10
cg24043192	8.11E-07	1.12E-07	-5.51	6.6174118	-4.03E-02	43515527	43515650	NC_000005.9
cg13508283	8.11E-07	1.12E-07	-5.51	6.6171949	-3.44E-02	55881893	55882016	NC_000019.9
cg17755495	8.12E-07	1.12E-07	-5.51	6.615358	-5.97E-02	240800311	240800434	NC_000001.10
cg13959241	8.12E-07	1.12E-07	-5.51	6.6152784	-8.37E-02	138904715	138904838	NC_000009.11
cg13605690	8.13E-07	1.12E-07	-5.51	6.6148003	-3.21E-02	169746671	169746794	NC_000002.11
cg25013269	8.13E-07	1.12E-07	-5.51	6.6145072	-9.91E-02	176766954	176767077	NC_000005.9
cg10798764	8.13E-07	1.12E-07	-5.51	6.6144563	-7.02E-02	31514352	31514475	NC_000006.11
cg08142347	8.13E-07	1.12E-07	-5.51	6.6143846	-5.86E-02	42440001	42440124	NC_000019.9
cg19612191	8.13E-07	1.12E-07	-5.51	6.6139753	-1.11E-01	96884949	96885072	NC_000015.9
cg12506597	8.14E-07	1.13E-07	-5.51	6.6134296	-8.06E-02	31699709	31699832	NC_000006.11
cg18007641	8.14E-07	1.13E-07	-5.51	6.6133108	-1.07E-01	74641828	74641951	NC_000004.11
cg24996263	8.15E-07	1.13E-07	-5.51	6.6121667	-2.02E-02	31297444	31297567	NC_000001.10
cg23702644	8.16E-07	1.13E-07	-5.51	6.6112845	-1.14E-01	3254875	3254998	NC_000008.10
cg11997536	8.16E-07	1.13E-07	-5.51	6.610848	-8.83E-02	16176297	16176420	NC_000019.9
cg24124703	8.16E-07	1.13E-07	-5.51	6.6107543	-1.35E-01	88122944	88123067	NC_000005.9
cg16645705	8.18E-07	1.13E-07	-5.51	6.608581	-6.32E-02	111881218	111881341	NC_000013.10

cg09522018	8.18E-07	1.13E-07	-5.51	6.6082786	-1.70E-01	139644871	139644994	NC_000006.11
cg24134056	8.18E-07	1.13E-07	-5.51	6.6075519	-8.88E-02	54494546	54494669	NC_000012.11
cg00658411	8.18E-07	1.13E-07	-5.51	6.6074663	-1.01E-01	4467558	4467681	NC_000016.9
cg26386449	8.19E-07	1.13E-07	-5.51	6.6068668	-1.27E-01	112430654	112430777	NC_000007.13
cg05141026	8.19E-07	1.13E-07	-5.51	6.6061785	-2.22E-02	145064874	145064997	NC_000008.10
cg16540391	8.20E-07	1.13E-07	-5.51	6.6058381	-5.53E-02	151042035	151042158	NC_000006.11
cg05348973	8.20E-07	1.13E-07	-5.51	6.6056882	-9.37E-02	110697298	110697421	NC_000001.10
cg10781828	8.20E-07	1.13E-07	-5.51	6.6052063	-3.36E-02	198570936	198571059	NC_000002.11
cg15604357	8.21E-07	1.14E-07	-5.51	6.6043487	-1.04E-01	160386408	160386531	NC_000001.10
cg25658010	8.21E-07	1.14E-07	-5.51	6.6043148	-1.06E-01	112455412	112455535	NC_000010.10
cg25368728	8.21E-07	1.14E-07	-5.51	6.6040188	-8.36E-02	31833007	31833130	NC_000006.11
cg04002325	8.21E-07	1.14E-07	-5.51	6.6036623	-3.90E-02	30891687	30891810	NC_000008.10
cg02598564	8.21E-07	1.14E-07	-5.51	6.6035726	-1.14E-01	72822634	72822757	NC_000010.10
cg12338137	8.22E-07	1.14E-07	-5.51	6.6030654	-1.17E-01	218701429	218701552	NC_000002.11
cg22919115	8.22E-07	1.14E-07	-5.51	6.6030195	-7.81E-02	48936584	48936707	NC_000003.11
cg04712435	8.22E-07	1.14E-07	-5.51	6.6029487	-3.35E-02	90863145	90863268	NC_000014.8
cg20406267	8.22E-07	1.14E-07	-5.51	6.6027859	-1.10E-01	34377921	34378044	NC_000011.9
cg01207473	8.22E-07	1.14E-07	-5.51	6.6026248	-1.27E-01	159359940	159360063	NC_000006.11
cg03287469	8.23E-07	1.14E-07	-5.51	6.601889	-1.44E-01	9006242	9006365	NC_000003.11
cg08698835	8.23E-07	1.14E-07	-5.51	6.6013543	-8.57E-02	56279276	56279399	NC_000016.9
cg05901451	8.23E-07	1.14E-07	-5.51	6.6013447	-6.32E-02	126070800	126070923	NC_000006.11
cg12432980	8.23E-07	1.14E-07	-5.51	6.60104	-5.31E-02	5987794	5987917	NC_000020.10
cg17695537	8.24E-07	1.14E-07	-5.51	6.6006251	-5.76E-02	121274655	121274778	NC_000002.11
cg04434147	8.24E-07	1.14E-07	-5.51	6.6003535	-4.73E-02	45281287	45281410	NC_000019.9
cg13200575	8.25E-07	1.14E-07	-5.51	6.5994592	-7.96E-02	38096571	38096694	NC_000017.10

cg00156964	8.25E-07	1.14E-07	-5.51	6.5992797	-2.20E-02	94853892	94854015	NC_000012.11
cg14042504	8.25E-07	1.14E-07	-5.51	6.5991084	-2.65E-02	22564325	22564448	NC_000020.10
cg14276580	8.25E-07	1.14E-07	-5.51	6.5989931	-9.92E-02	40527020	40527143	NC_000013.10
cg17984956	8.26E-07	1.14E-07	-5.51	6.5979613	-7.70E-02	155711813	155711936	NC_000007.13
cg22677637	8.26E-07	1.14E-07	-5.51	6.5975864	-1.49E-01	242636898	242637021	NC_000002.11
cg11035304	8.26E-07	1.14E-07	-5.51	6.5974178	-7.92E-02	112096355	112096478	NC_000010.10
cg20058937	8.27E-07	1.14E-07	-5.51	6.5970496	-1.62E-01	5336543	5336666	NC_000007.13
cg16500605	8.27E-07	1.14E-07	-5.51	6.5969534	-8.54E-02	31620861	31620984	NC_000006.11
cg06172859	8.27E-07	1.14E-07	-5.51	6.59695	-1.21E-01	117866589	117866712	NC_000006.11
cg09606015	8.27E-07	1.15E-07	-5.51	6.5963215	-3.72E-02	182511586	182511709	NC_000003.11
cg27539546	8.28E-07	1.15E-07	-5.51	6.5951888	-1.99E-02	29911634	29911757	NC_000016.9
cg00794400	8.28E-07	1.15E-07	-5.51	6.5951375	-1.15E-01	17746510	17746633	NC_000001.10
cg00340382	8.29E-07	1.15E-07	-5.51	6.5945102	-6.77E-02	47662406	47662529	NC_000020.10
cg15164871	8.29E-07	1.15E-07	-5.51	6.5944243	-3.08E-02	123380523	123380646	NC_000012.11
cg11735311	8.29E-07	1.15E-07	-5.51	6.5942536	-7.84E-02	41832649	41832772	NC_000001.10
cg13109106	8.29E-07	1.15E-07	-5.51	6.5939053	-6.02E-02	89333529	89333652	NC_000001.10
cg08105951	8.29E-07	1.15E-07	-5.51	6.5938021	-2.01E-02	5229733	5229856	NC_000007.13
cg11624479	8.29E-07	1.15E-07	-5.51	6.5937759	-1.58E-01	9285586	9285709	NC_000011.9
cg15257469	8.29E-07	1.15E-07	-5.51	6.5933827	-2.77E-02	7069202	7069325	NC_000019.9
cg11631592	8.30E-07	1.15E-07	-5.51	6.5925796	-6.31E-02	148869535	148869658	NC_000006.11
cg17664269	8.30E-07	1.15E-07	-5.51	6.5921498	-1.65E-01	3080621	3080744	NC_000003.11
cg03456755	8.32E-07	1.15E-07	-5.5	6.5905541	-3.00E-02	75084957	75085080	NC_000017.10
cg14600885	8.32E-07	1.15E-07	-5.5	6.5904867	-7.92E-02	150040280	150040403	NC_000005.9
cg14883961	8.32E-07	1.15E-07	-5.5	6.5902	-1.12E-01	127846077	127846200	NC_000008.10
cg23519155	8.32E-07	1.15E-07	-5.5	6.5898987	-1.09E-01	37815128	37815251	NC_000002.11

ch.1.55181547R	8.32E-07	1.15E-07	-5.5	6.5896629	-6.94E-02	55408959	55409082	NC_000001.10
cg23303188	8.33E-07	1.15E-07	-5.5	6.5894035	-9.91E-02	72570711	72570834	NC_000005.9
cg13242199	8.34E-07	1.16E-07	-5.5	6.5880909	-6.53E-02	203410080	203410203	NC_000001.10
ch.15.1614682R	8.34E-07	1.16E-07	-5.5	6.5878037	-3.46E-02	92856301	92856424	NC_000015.9
cg21833076	8.34E-07	1.16E-07	-5.5	6.5874976	-1.48E-01	104643591	104643714	NC_000011.9
cg09860935	8.34E-07	1.16E-07	-5.5	6.587328	-4.40E-02	21572311	21572434	NC_000012.11
cg15499560	8.35E-07	1.16E-07	-5.5	6.5863822	-7.94E-02	74192381	74192504	NC_000014.8
cg12159689	8.35E-07	1.16E-07	-5.5	6.5859718	-7.39E-02	156297493	156297616	NC_000007.13
cg08882650	8.36E-07	1.16E-07	-5.5	6.5855994	-5.42E-02	167691462	167691585	NC_000001.10
cg20005057	8.36E-07	1.16E-07	-5.5	6.5855673	-6.97E-02	10364834	10364957	NC_000012.11
cg07596482	8.37E-07	1.16E-07	-5.5	6.5839758	-3.42E-02	42633968	42634091	NC_000017.10
cg24066677	8.37E-07	1.16E-07	-5.5	6.5836374	-1.32E-02	42298870	42298993	NC_000017.10
cg27183791	8.37E-07	1.16E-07	-5.5	6.5836102	-1.22E-01	89381904	89382027	NC_000016.9
cg15776653	8.38E-07	1.16E-07	-5.5	6.5827589	-4.20E-02	26538476	26538599	NC_000006.11
cg20384732	8.38E-07	1.16E-07	-5.5	6.5827324	-2.09E-01	195601375	195601498	NC_000003.11
ch.19.746747R	8.38E-07	1.16E-07	-5.5	6.5824093	-3.77E-02	17726035	17726158	NC_000019.9
cg10334916	8.39E-07	1.16E-07	-5.5	6.5812481	-2.44E-02	241508098	241508221	NC_000002.11
cg17091020	8.40E-07	1.16E-07	-5.5	6.5798254	-1.20E-01	91986716	91986839	NC_000008.10
cg20798872	8.40E-07	1.16E-07	-5.5	6.5798143	-2.89E-02	15850838	15850961	NC_000001.10
cg25037461	8.40E-07	1.16E-07	-5.5	6.5797788	-3.83E-02	24181268	24181391	NC_000022.10
cg24349400	8.41E-07	1.17E-07	-5.5	6.5795143	-1.42E-02	19132419	19132542	NC_000022.10
cg26548122	8.41E-07	1.17E-07	-5.5	6.5793595	-8.85E-02	69061244	69061367	NC_000011.9
cg18461649	8.41E-07	1.17E-07	-5.5	6.5792186	-2.59E-02	56585102	56585225	NC_000014.8
cg18388084	8.41E-07	1.17E-07	-5.5	6.578596	-1.12E-01	241664439	241664562	NC_000002.11
cg25372085	8.41E-07	1.17E-07	-5.5	6.5783893	-1.31E-01	80528720	80528843	NC_000010.10

cg02264288	8.41E-07	1.17E-07	-5.5	6.5783107	-6.08E-02	18990796	18990919	NC_000006.11
cg07439056	8.42E-07	1.17E-07	-5.5	6.5775153	-5.25E-02	97912653	97912776	NC_000005.9
cg24704082	8.42E-07	1.17E-07	-5.5	6.5774248	-4.51E-02	75976809	75976932	NC_000010.10
cg23280720	8.42E-07	1.17E-07	-5.5	6.5772906	-1.18E-01	139483193	139483316	NC_000006.11
cg25609480	8.43E-07	1.17E-07	-5.5	6.576937	-1.31E-01	13534652	13534775	NC_000010.10
cg22476960	8.43E-07	1.17E-07	-5.5	6.576579	-8.59E-02	124134914	124135037	NC_000011.9
cg09472211	8.43E-07	1.17E-07	-5.5	6.5764242	-3.06E-02	89622126	89622249	NC_000010.10
cg08074321	8.44E-07	1.17E-07	-5.5	6.5756028	-9.38E-02	138605857	138605980	NC_000002.11
cg11721194	8.45E-07	1.17E-07	-5.5	6.573537	-1.08E-01	160709239	160709362	NC_000001.10
cg03173367	8.46E-07	1.17E-07	-5.5	6.5730761	-6.98E-02	97524995	97525118	NC_000002.11
cg08011645	8.46E-07	1.17E-07	-5.5	6.5730409	-1.22E-01	64488701	64488824	NC_000011.9
cg23661676	8.46E-07	1.17E-07	-5.5	6.5728887	-8.15E-02	35861862	35861985	NC_000019.9
cg06595154	8.47E-07	1.17E-07	-5.5	6.5718744	-1.05E-01	10716164	10716287	NC_000011.9
cg26003023	8.47E-07	1.17E-07	-5.5	6.571841	-5.69E-02	90298269	90298392	NC_000010.10
cg08149546	8.47E-07	1.17E-07	-5.5	6.5716003	-8.47E-02	49120127	49120250	NC_000011.9
cg04103315	8.47E-07	1.18E-07	-5.5	6.571067	-1.41E-02	42642047	42642170	NC_000003.11
cg18207742	8.47E-07	1.18E-07	-5.5	6.5710141	-5.07E-02	16229123	16229246	NC_000004.11
cg08328535	8.48E-07	1.18E-07	-5.5	6.5705729	-2.31E-02	22222169	22222292	NC_000022.10
cg09245901	8.48E-07	1.18E-07	-5.5	6.5696802	-9.23E-02	132075947	132076070	NC_000006.11
ch.5.762713R	8.49E-07	1.18E-07	-5.5	6.5691304	-3.32E-02	35221274	35221397	NC_000005.9
cg24061542	8.49E-07	1.18E-07	-5.5	6.5689894	-2.64E-02	44971593	44971716	NC_000011.9
cg15122966	8.49E-07	1.18E-07	-5.5	6.5687215	-1.10E-01	102135168	102135291	NC_000002.11
cg20612875	8.49E-07	1.18E-07	-5.5	6.5685934	-8.52E-02	1094308	1094431	NC_000017.10
cg17817532	8.49E-07	1.18E-07	-5.5	6.5682622	-1.39E-01	70322874	70322997	NC_000010.10
cg03094905	8.49E-07	1.18E-07	-5.5	6.568251	-5.70E-02	52710562	52710685	NC_000004.11

cg14059221	8.50E-07	1.18E-07	-5.5	6.5679308	-6.26E-02	28803808	28803931	NC_000017.10
cg10038907	8.50E-07	1.18E-07	-5.5	6.5673217	-6.51E-02	50154240	50154363	NC_000014.8
cg16474118	8.50E-07	1.18E-07	-5.5	6.5670651	-1.07E-01	12760191	12760314	NC_000002.11
cg09118017	8.50E-07	1.18E-07	-5.5	6.5670618	-9.97E-02	10704886	10705009	NC_000001.10
cg10801102	8.51E-07	1.18E-07	-5.5	6.566853	-7.24E-02	80023921	80024044	NC_000017.10
cg08288223	8.51E-07	1.18E-07	-5.5	6.5666304	-8.87E-02	70563131	70563254	NC_000011.9
cg12428160	8.51E-07	1.18E-07	-5.5	6.565828	-1.29E-01	44500693	44500816	NC_000010.10
cg03811260	8.51E-07	1.18E-07	-5.5	6.5658245	-1.36E-01	67198215	67198338	NC_000016.9
cg18578578	8.52E-07	1.18E-07	-5.5	6.5651574	-7.13E-02	50262245	50262368	NC_000003.11
cg00355673	8.52E-07	1.18E-07	-5.5	6.5644939	-2.21E-02	92573075	92573198	NC_000014.8
cg15459780	8.53E-07	1.18E-07	-5.5	6.564157	-1.35E-01	104609980	104610103	NC_000012.11
cg25552843	8.53E-07	1.18E-07	-5.5	6.5637858	-1.52E-01	106088702	106088825	NC_000010.10
cg25471253	8.53E-07	1.18E-07	-5.5	6.5635142	-1.64E-02	5602751	5602874	NC_000007.13
cg08721324	8.53E-07	1.18E-07	-5.5	6.5631741	-8.53E-02	89384602	89384725	NC_000016.9
cg05269451	8.54E-07	1.19E-07	-5.5	6.5623909	-7.56E-02	172962700	172962823	NC_000002.11
cg12042787	8.54E-07	1.19E-07	-5.5	6.5623003	-7.15E-02	39976671	39976794	NC_000001.10
cg26452989	8.55E-07	1.19E-07	-5.5	6.5618582	-5.98E-02	11581379	11581502	NC_000010.10
cg25785303	8.55E-07	1.19E-07	-5.5	6.5614453	-1.05E-01	11681908	11682031	NC_000002.11
cg04273422	8.55E-07	1.19E-07	-5.5	6.5614096	-9.19E-02	6498787	6498910	NC_000019.9
cg26882419	8.56E-07	1.19E-07	-5.5	6.5604227	-1.97E-02	227751228	227751351	NC_000001.10
cg16500230	8.56E-07	1.19E-07	-5.5	6.5602543	-9.35E-02	22854061	22854184	NC_000011.9
cg00716991	8.56E-07	1.19E-07	-5.5	6.5596985	-8.56E-02	36166159	36166282	NC_000009.11
cg19249874	8.56E-07	1.19E-07	-5.5	6.5596324	-1.18E-01	28895537	28895660	NC_000007.13
cg11880646	8.57E-07	1.19E-07	-5.5	6.5591725	-4.21E-02	61638900	61639023	NC_000011.9
cg15447512	8.57E-07	1.19E-07	-5.5	6.5589473	-6.24E-02	110163209	110163332	NC_000001.10

cg00961450	8.57E-07	1.19E-07	-5.5	6.5588589	-6.43E-02	26343960	26344083	NC_000004.11
cg16791210	8.57E-07	1.19E-07	-5.5	6.558261	-5.70E-02	85581378	85581501	NC_000002.11
cg09386050	8.58E-07	1.19E-07	-5.5	6.5573298	-1.07E-01	809078	809201	NC_000007.13
cg25104512	8.59E-07	1.19E-07	-5.5	6.5570076	-1.51E-02	46735454	46735577	NC_000003.11
cg04006133	8.59E-07	1.19E-07	-5.5	6.5568585	-1.17E-01	84172431	84172554	NC_000016.9
cg26138144	8.59E-07	1.19E-07	-5.5	6.5567899	-1.03E-01	38071188	38071311	NC_000022.10
cg25113360	8.59E-07	1.19E-07	-5.5	6.5567592	-8.54E-02	120530355	120530478	NC_000011.9
cg07124956	8.59E-07	1.19E-07	-5.5	6.5566633	-2.98E-02	236273335	236273458	NC_000001.10
ch.2.116599701R	8.59E-07	1.19E-07	-5.5	6.5560949	-5.91E-02	116883231	116883354	NC_000002.11
cg23150604	8.60E-07	1.19E-07	-5.5	6.5554679	-1.21E-01	85732147	85732270	NC_000002.11
cg22119580	8.60E-07	1.19E-07	-5.5	6.5550946	-1.07E-02	140951301	140951424	NC_000003.11
cg14916288	8.61E-07	1.20E-07	-5.5	6.5543067	-1.12E-01	34345136	34345259	NC_000017.10
cg12374732	8.61E-07	1.20E-07	-5.5	6.5539558	-3.54E-02	103251909	103252032	NC_000008.10
cg07931844	8.62E-07	1.20E-07	-5.5	6.5532432	-6.67E-02	72102213	72102336	NC_000015.9
cg04402633	8.62E-07	1.20E-07	-5.5	6.5530968	-4.31E-02	2907113	2907236	NC_000011.9
cg09026379	8.62E-07	1.20E-07	-5.5	6.5527473	-3.31E-02	64067248	64067371	NC_000011.9
cg15613991	8.62E-07	1.20E-07	-5.5	6.5525126	-1.00E-01	5277080	5277203	NC_000007.13
cg01203651	8.63E-07	1.20E-07	-5.5	6.5519891	-1.29E-01	187762256	187762379	NC_000004.11
cg01384319	8.63E-07	1.20E-07	-5.5	6.5516978	-9.88E-02	134766697	134766820	NC_000002.11
cg12734688	8.63E-07	1.20E-07	-5.5	6.5509026	-8.82E-02	48308390	48308513	NC_000001.10
cg21038291	8.64E-07	1.20E-07	-5.5	6.5508143	-1.41E-01	70332630	70332753	NC_000017.10
cg02267698	8.64E-07	1.20E-07	-5.5	6.5500543	-5.70E-02	7991119	7991242	NC_000019.9
cg01478482	8.64E-07	1.20E-07	-5.5	6.5496384	-8.30E-02	21168523	21168646	NC_000016.9
cg00887547	8.65E-07	1.20E-07	-5.5	6.5494241	-3.53E-02	118811020	118811143	NC_000012.11
cg16376036	8.65E-07	1.20E-07	-5.5	6.5484639	-5.70E-02	117015095	117015218	NC_000011.9



cg01309328	8.66E-07	1.20E-07	-5.5	6.5482687	-1.37E-01	32811253	32811376	NC_000006.11
cg19230575	8.66E-07	1.20E-07	-5.5	6.5476913	-2.96E-02	179041494	179041617	NC_000003.11
cg27250037	8.66E-07	1.20E-07	-5.5	6.5476603	-1.12E-01	35471692	35471815	NC_000020.10
cg17759224	8.66E-07	1.20E-07	-5.5	6.5475621	-7.46E-02	235098018	235098141	NC_000001.10
cg23285732	8.66E-07	1.20E-07	-5.5	6.5474914	-4.72E-02	145138351	145138474	NC_000008.10
cg15535363	8.67E-07	1.20E-07	-5.5	6.547162	-1.19E-01	121688416	121688539	NC_000012.11
cg02466602	8.67E-07	1.20E-07	-5.5	6.546929	-5.31E-02	16290349	16290472	NC_000017.10
cg10884544	8.67E-07	1.21E-07	-5.5	6.5460803	-8.77E-02	104302786	104302909	NC_000012.11
cg06132862	8.68E-07	1.21E-07	-5.5	6.5456264	-7.23E-02	128152075	128152198	NC_000010.10
cg10954740	8.68E-07	1.21E-07	-5.5	6.5455317	-1.31E-01	110982709	110982832	NC_000008.10
cg02035961	8.68E-07	1.21E-07	-5.5	6.5454536	-6.57E-02	6288071	6288194	NC_000007.13
cg10097906	8.68E-07	1.21E-07	-5.5	6.5452057	-1.09E-01	164235612	164235735	NC_000006.11
cg26826631	8.68E-07	1.21E-07	-5.5	6.544872	-1.13E-01	207497486	207497609	NC_000001.10
cg05726935	8.69E-07	1.21E-07	-5.5	6.5443812	-8.75E-02	105263522	105263645	NC_000014.8
cg06150897	8.69E-07	1.21E-07	-5.5	6.543874	-4.88E-02	101386608	101386731	NC_000007.13
cg01450736	8.69E-07	1.21E-07	-5.5	6.5436552	-9.40E-02	162838743	162838866	NC_000001.10
cg18402034	8.70E-07	1.21E-07	-5.49	6.5428477	-7.55E-02	31698651	31698774	NC_000006.11
cg24908708	8.71E-07	1.21E-07	-5.49	6.5421148	-1.06E-02	95835570	95835693	NC_000008.10
cg23070380	8.71E-07	1.21E-07	-5.49	6.5413867	-8.68E-02	169351075	169351198	NC_000006.11
cg19723805	8.71E-07	1.21E-07	-5.49	6.5413477	-1.12E-01	33147539	33147662	NC_000005.9
cg26676034	8.72E-07	1.21E-07	-5.49	6.5411019	-5.68E-02	74669048	74669171	NC_000002.11
cg24497897	8.73E-07	1.21E-07	-5.49	6.5393742	-2.13E-02	65658826	65658949	NC_000011.9
cg02789394	8.73E-07	1.21E-07	-5.49	6.5393214	-1.06E-01	112191479	112191602	NC_000006.11
cg02659338	8.74E-07	1.22E-07	-5.49	6.5383948	-3.96E-02	2390610	2390733	NC_000007.13
cg02037503	8.74E-07	1.22E-07	-5.49	6.5383722	-5.38E-02	23540729	23540852	NC_000014.8

cg09184467	8.74E-07	1.22E-07	-5.49	6.5376182	-8.57E-02	14995699	14995822	NC_000010.10
cg20110765	8.75E-07	1.22E-07	-5.49	6.5371796	-2.90E-02	66079292	66079415	NC_000011.9
cg15472210	8.76E-07	1.22E-07	-5.49	6.5361779	-1.75E-02	232766496	232766619	NC_000001.10
cg26079666	8.77E-07	1.22E-07	-5.49	6.5349899	-6.26E-02	35067009	35067132	NC_000018.9
cg17848959	8.77E-07	1.22E-07	-5.49	6.5349636	-3.97E-02	220252827	220252950	NC_000002.11
cg06485706	8.77E-07	1.22E-07	-5.49	6.5347077	-1.14E-01	28996270	28996393	NC_000016.9
cg12389545	8.77E-07	1.22E-07	-5.49	6.5341	-4.50E-02	72353604	72353727	NC_000011.9
cg25140571	8.78E-07	1.22E-07	-5.49	6.5340352	-1.02E-01	8811437	8811560	NC_000003.11
cg18898209	8.78E-07	1.22E-07	-5.49	6.5338629	-9.66E-02	86600250	86600373	NC_000011.9
cg05678462	8.78E-07	1.22E-07	-5.49	6.533536	-8.32E-02	2634100	2634223	NC_000006.11
cg18352616	8.79E-07	1.22E-07	-5.49	6.5322853	-1.12E-01	3374830	3374953	NC_000004.11
ch.2.128865249F	8.79E-07	1.22E-07	-5.49	6.5322836	-6.51E-02	129148779	129148902	NC_000002.11
cg14251777	8.79E-07	1.22E-07	-5.49	6.5321535	-1.02E-01	150147655	150147778	NC_000007.13
cg00816880	8.79E-07	1.22E-07	-5.49	6.5320066	-2.61E-02	54676994	54677117	NC_000019.9
cg17025275	8.80E-07	1.23E-07	-5.49	6.5307022	-2.99E-02	132112923	132113046	NC_000005.9
cg07161062	8.80E-07	1.23E-07	-5.49	6.5304797	-6.81E-02	142204334	142204457	NC_000008.10
cg14661383	8.81E-07	1.23E-07	-5.49	6.5303261	-9.87E-02	228463720	228463843	NC_000001.10
cg17755794	8.81E-07	1.23E-07	-5.49	6.5300298	-3.53E-02	150601493	150601616	NC_000001.10
cg23666844	8.81E-07	1.23E-07	-5.49	6.5299184	-9.06E-02	151137882	151138005	NC_000007.13
cg12895370	8.81E-07	1.23E-07	-5.49	6.5295243	-1.23E-01	6755816	6755939	NC_000012.11
cg16266669	8.81E-07	1.23E-07	-5.49	6.5294811	-1.03E-01	1144558	1144681	NC_000001.10
cg23698269	8.82E-07	1.23E-07	-5.49	6.529215	-1.52E-01	10316851	10316974	NC_000011.9
cg05376904	8.82E-07	1.23E-07	-5.49	6.528995	-3.14E-02	76920464	76920587	NC_000017.10
cg15907944	8.82E-07	1.23E-07	-5.49	6.528768	-1.20E-01	27152698	27152821	NC_000022.10
cg20661303	8.82E-07	1.23E-07	-5.49	6.528748	-8.41E-02	226129561	226129684	NC_000001.10

ch.2.88490217F	8.82E-07	1.23E-07	-5.49	6.528477	-4.04E-02	88709102	88709225	NC_000002.11
cg01772192	8.82E-07	1.23E-07	-5.49	6.5283731	-1.03E-01	81270102	81270225	NC_000015.9
cg14987564	8.82E-07	1.23E-07	-5.49	6.5283244	-3.57E-02	60557946	60558069	NC_000014.8
cg14116799	8.82E-07	1.23E-07	-5.49	6.5282978	-7.59E-02	43800154	43800277	NC_000010.10
cg22611419	8.83E-07	1.23E-07	-5.49	6.5275468	-2.64E-02	77070824	77070947	NC_000017.10
cg22926686	8.83E-07	1.23E-07	-5.49	6.5270998	-6.04E-02	114799776	114799899	NC_000013.10
cg18794809	8.83E-07	1.23E-07	-5.49	6.5269741	-6.25E-02	156480627	156480750	NC_000003.11
cg13075295	8.83E-07	1.23E-07	-5.49	6.5267911	-8.06E-02	42262356	42262479	NC_000015.9
cg19253809	8.84E-07	1.23E-07	-5.49	6.5257576	-8.69E-02	74689005	74689128	NC_000015.9
cg14515049	8.85E-07	1.23E-07	-5.49	6.5253388	-5.05E-02	3075893	3076016	NC_000004.11
cg13721989	8.85E-07	1.23E-07	-5.49	6.5249704	-7.48E-02	130689253	130689376	NC_000009.11
cg03989610	8.85E-07	1.23E-07	-5.49	6.5248069	-1.85E-02	38156359	38156482	NC_000001.10
cg05982460	8.85E-07	1.23E-07	-5.49	6.5245831	-1.72E-01	3211519	3211642	NC_000016.9
cg08641990	8.86E-07	1.23E-07	-5.49	6.5242361	-1.39E-01	54822503	54822626	NC_000001.10
cg14776016	8.86E-07	1.23E-07	-5.49	6.5241712	-5.37E-02	61034565	61034688	NC_000018.9
cg22078179	8.86E-07	1.23E-07	-5.49	6.5240282	-8.02E-02	39063989	39064112	NC_000004.11
cg04931493	8.86E-07	1.23E-07	-5.49	6.5238735	-7.30E-02	3246099	3246222	NC_000016.9
cg09586198	8.86E-07	1.23E-07	-5.49	6.5237411	-9.92E-02	175190584	175190707	NC_000001.10
cg00997917	8.86E-07	1.23E-07	-5.49	6.5233997	-1.03E-01	116445691	116445814	NC_000010.10
cg17866732	8.87E-07	1.24E-07	-5.49	6.52239	-1.11E-01	110372875	110372998	NC_000002.11
cg19238398	8.88E-07	1.24E-07	-5.49	6.5218653	-2.16E-02	138775248	138775371	NC_000005.9
cg13784792	8.88E-07	1.24E-07	-5.49	6.521018	-3.61E-02	39942930	39943053	NC_000017.10
cg24308082	8.88E-07	1.24E-07	-5.49	6.5210054	-1.20E-01	102703383	102703506	NC_000011.9
cg26103845	8.89E-07	1.24E-07	-5.49	6.5205448	-1.26E-01	49283175	49283298	NC_000008.10
cg13987042	8.90E-07	1.24E-07	-5.49	6.5195248	-4.66E-02	74660265	74660388	NC_000011.9

cg20559216	8.91E-07	1.24E-07	-5.49	6.5176832	-3.79E-02	52703417	52703540	NC_000013.10
cg14183602	8.91E-07	1.24E-07	-5.49	6.5174744	-7.80E-02	23367828	23367951	NC_000014.8
cg24259688	8.91E-07	1.24E-07	-5.49	6.5173889	-3.28E-02	91414844	91414967	NC_000015.9
cg26475085	8.92E-07	1.24E-07	-5.49	6.5171434	-6.48E-02	38845600	38845723	NC_000005.9
cg26096752	8.92E-07	1.24E-07	-5.49	6.5170376	-9.95E-02	66530611	66530734	NC_000005.9
cg10208034	8.92E-07	1.24E-07	-5.49	6.5168272	-5.56E-02	47739740	47739863	NC_000002.11
cg07753241	8.93E-07	1.24E-07	-5.49	6.5156313	-3.33E-02	63849527	63849650	NC_000003.11
cg16658737	8.93E-07	1.25E-07	-5.49	6.5148776	-6.26E-02	37064572	37064695	NC_000019.9
cg26990380	8.94E-07	1.25E-07	-5.49	6.5145695	-7.93E-02	95469305	95469428	NC_000004.11
cg20208990	8.94E-07	1.25E-07	-5.49	6.5144164	-1.21E-01	56286567	56286690	NC_000020.10
cg08572565	8.95E-07	1.25E-07	-5.49	6.5136521	-8.31E-02	51298737	51298860	NC_000014.8
cg04774103	8.95E-07	1.25E-07	-5.49	6.5132836	-1.17E-01	230517179	230517302	NC_000002.11
cg25148733	8.95E-07	1.25E-07	-5.49	6.5126318	-2.14E-02	49716596	49716719	NC_000012.11
cg14556677	8.96E-07	1.25E-07	-5.49	6.5124653	-1.01E-01	127054428	127054551	NC_000009.11
cg05883128	8.96E-07	1.25E-07	-5.49	6.5123373	-8.94E-02	169239131	169239254	NC_000004.11
cg05654103	8.96E-07	1.25E-07	-5.49	6.5117329	-4.89E-02	24586381	24586504	NC_000002.11
cg23511118	8.97E-07	1.25E-07	-5.49	6.5112586	-1.31E-01	67840535	67840658	NC_000003.11
ch.1.196733536R	8.97E-07	1.25E-07	-5.49	6.5107338	-1.33E-02	198466913	198467036	NC_000001.10
cg13199589	8.97E-07	1.25E-07	-5.49	6.5106543	-3.32E-02	42845990	42846113	NC_000001.10
cg13958199	8.98E-07	1.25E-07	-5.49	6.5097794	-1.04E-01	127018815	127018938	NC_000009.11
cg21726037	8.98E-07	1.25E-07	-5.49	6.5097774	-5.40E-02	75273205	75273328	NC_000011.9
cg07017153	8.98E-07	1.25E-07	-5.49	6.5095767	-8.76E-02	47100007	47100130	NC_000017.10
cg03570994	8.98E-07	1.25E-07	-5.49	6.5093705	-1.08E-01	32121143	32121266	NC_000006.11
cg18983818	8.98E-07	1.25E-07	-5.49	6.5093008	-6.48E-02	21176176	21176299	NC_000017.10
cg00831735	8.98E-07	1.25E-07	-5.49	6.5090203	-1.10E-01	124215033	124215156	NC_000008.10

cg07737236	8.99E-07	1.25E-07	-5.49	6.5084414	-7.06E-02	161089327	161089450	NC_000003.11
cg04102894	8.99E-07	1.25E-07	-5.49	6.5083543	-8.69E-02	1000210	1000333	NC_000007.13
cg02151301	8.99E-07	1.25E-07	-5.49	6.5083312	-5.29E-02	30101785	30101908	NC_000020.10
cg01900965	8.99E-07	1.25E-07	-5.49	6.5081334	-3.82E-02	2471727	2471850	NC_000004.11
cg24105068	9.00E-07	1.26E-07	-5.49	6.507164	-9.51E-02	185658366	185658489	NC_000003.11
cg19628164	9.00E-07	1.26E-07	-5.49	6.5070189	-1.45E-02	143689916	143690039	NC_000003.11
cg23214464	9.00E-07	1.26E-07	-5.49	6.5067213	-6.53E-02	140373596	140373719	NC_000007.13
cg03899643	9.00E-07	1.26E-07	-5.49	6.5066691	-1.21E-01	90205170	90205293	NC_000001.10
cg26606064	9.01E-07	1.26E-07	-5.49	6.5054917	-1.90E-02	125439070	125439193	NC_000011.9
cg05135942	9.02E-07	1.26E-07	-5.49	6.5050766	-5.49E-02	94854469	94854592	NC_000012.11
cg16521040	9.02E-07	1.26E-07	-5.49	6.5049425	-5.90E-02	17417442	17417565	NC_000019.9
cg13987674	9.02E-07	1.26E-07	-5.49	6.504492	-8.47E-02	24649494	24649617	NC_000001.10
cg16525281	9.02E-07	1.26E-07	-5.49	6.5041922	-3.36E-02	38810227	38810350	NC_000019.9
cg26307266	9.05E-07	1.26E-07	-5.49	6.5017657	-2.06E-02	44837140	44837263	NC_000007.13
ch.4.586044R	9.09E-07	1.27E-07	-5.49	6.4972687	-1.95E-02	23467652	23467775	NC_000004.11
cg16351441	9.09E-07	1.27E-07	-5.49	6.4971536	-1.21E-01	63057592	63057715	NC_000011.9
cg10605963	9.09E-07	1.27E-07	-5.49	6.4970309	-3.12E-02	633983	634106	NC_000005.9
cg08865695	9.09E-07	1.27E-07	-5.49	6.4968461	-9.26E-02	209917237	209917360	NC_000001.10
cg07134367	9.10E-07	1.27E-07	-5.49	6.4959594	-4.12E-02	91404689	91404812	NC_000010.10
cg00636809	9.10E-07	1.27E-07	-5.48	6.4951962	-2.73E-02	64577607	64577730	NC_000010.10
cg27596890	9.11E-07	1.27E-07	-5.48	6.4943081	-1.09E-01	49621173	49621296	NC_000016.9
cg27023871	9.11E-07	1.27E-07	-5.48	6.4941822	-1.14E-01	80848259	80848382	NC_000017.10
cg08160871	9.12E-07	1.27E-07	-5.48	6.4938924	-6.33E-02	58175453	58175576	NC_000019.9
cg20911986	9.12E-07	1.27E-07	-5.48	6.4937051	-1.18E-01	11947968	11948091	NC_000012.11
cg07939231	9.12E-07	1.27E-07	-5.48	6.4933525	-6.93E-02	30079403	30079526	NC_000006.11

cg01046507	9.12E-07	1.27E-07	-5.48	6.4929695	-6.34E-02	239064292	239064415	NC_000002.11
cg19791630	9.12E-07	1.27E-07	-5.48	6.492942	-8.55E-02	6772811	6772934	NC_000019.9
cg02083676	9.13E-07	1.27E-07	-5.48	6.4926641	-5.64E-02	127311156	127311279	NC_000003.11
cg19696329	9.13E-07	1.27E-07	-5.48	6.492655	-3.49E-02	144164803	144164926	NC_000006.11
cg02585483	9.13E-07	1.27E-07	-5.48	6.4925597	-2.57E-02	61602105	61602228	NC_000005.9
cg00598985	9.13E-07	1.27E-07	-5.48	6.4923741	-2.59E-02	242088379	242088502	NC_000002.11
cg13778208	9.13E-07	1.28E-07	-5.48	6.4917167	-9.38E-02	46072223	46072346	NC_000017.10
cg04048796	9.14E-07	1.28E-07	-5.48	6.4904901	-1.48E-02	57301372	57301495	NC_000004.11
cg00363737	9.15E-07	1.28E-07	-5.48	6.4902207	-1.06E-01	116031419	116031542	NC_000010.10
cg20622410	9.16E-07	1.28E-07	-5.48	6.4892692	-5.04E-02	39930302	39930425	NC_000017.10
cg15022387	9.16E-07	1.28E-07	-5.48	6.4885369	-9.93E-02	50096791	50096914	NC_000019.9
cg20927395	9.17E-07	1.28E-07	-5.48	6.4880407	-1.06E-01	115120356	115120479	NC_000003.11
cg06781948	9.17E-07	1.28E-07	-5.48	6.4874469	-9.41E-02	72941472	72941595	NC_000003.11
cg04676561	9.18E-07	1.28E-07	-5.48	6.4869326	-9.78E-02	27835191	27835314	NC_000006.11
cg06479057	9.18E-07	1.28E-07	-5.48	6.4866002	-7.79E-02	112358468	112358591	NC_000003.11
cg07712444	9.18E-07	1.28E-07	-5.48	6.4859568	-2.16E-02	73882115	73882238	NC_000011.9
cg18988560	9.20E-07	1.28E-07	-5.48	6.4847667	-5.81E-02	83636072	83636195	NC_000010.10
cg16067453	9.20E-07	1.28E-07	-5.48	6.4846446	-4.21E-02	46053951	46054074	NC_000006.11
cg22943115	9.20E-07	1.28E-07	-5.48	6.4844696	-1.30E-01	149522468	149522591	NC_000005.9
cg13906098	9.20E-07	1.29E-07	-5.48	6.4836863	-1.15E-01	100663185	100663308	NC_000007.13
cg18403361	9.21E-07	1.29E-07	-5.48	6.4832407	-1.53E-01	38725750	38725873	NC_000014.8
cg13660622	9.21E-07	1.29E-07	-5.48	6.4831584	-4.92E-02	104885375	104885498	NC_000007.13
cg08719467	9.21E-07	1.29E-07	-5.48	6.4827886	-1.64E-02	146714230	146714353	NC_000001.10
cg25578410	9.21E-07	1.29E-07	-5.48	6.482716	-1.44E-02	34122762	34122885	NC_000006.11
cg15833596	9.22E-07	1.29E-07	-5.48	6.4823868	-2.14E-02	207226419	207226542	NC_000001.10

cg20566885	9.22E-07	1.29E-07	-5.48	6.4819201	-1.01E-01	70995014	70995137	NC_000015.9
cg26348226	9.22E-07	1.29E-07	-5.48	6.4817658	-8.21E-02	21617442	21617565	NC_000001.10
cg20149956	9.23E-07	1.29E-07	-5.48	6.4804795	-1.93E-02	249132233	249132356	NC_000001.10
cg14668981	9.24E-07	1.29E-07	-5.48	6.4797541	-9.34E-02	133112774	133112897	NC_000003.11
cg12885203	9.25E-07	1.29E-07	-5.48	6.479071	-6.58E-02	207656782	207656905	NC_000002.11
cg00927503	9.25E-07	1.29E-07	-5.48	6.4788546	-9.12E-02	150983033	150983156	NC_000002.11
cg14417676	9.25E-07	1.29E-07	-5.48	6.4786918	-7.10E-02	202316517	202316640	NC_000002.11
cg10533282	9.25E-07	1.29E-07	-5.48	6.478033	-2.92E-02	99602454	99602577	NC_000015.9
cg01628067	9.25E-07	1.29E-07	-5.48	6.4780262	-1.24E-01	2222419	2222542	NC_000001.10
cg19888787	9.25E-07	1.29E-07	-5.48	6.4780209	-1.78E-02	125399898	125400021	NC_000012.11
cg04935521	9.25E-07	1.29E-07	-5.48	6.4778798	-8.55E-02	79098772	79098895	NC_000017.10
cg25198784	9.26E-07	1.29E-07	-5.48	6.4774098	-2.09E-02	99963468	99963591	NC_000006.11
cg23387401	9.26E-07	1.29E-07	-5.48	6.4773017	-8.44E-02	4582204	4582327	NC_000017.10
cg06161814	9.26E-07	1.29E-07	-5.48	6.4772723	-3.18E-02	37956963	37957086	NC_000007.13
cg04774194	9.26E-07	1.29E-07	-5.48	6.4771255	-3.86E-02	127664674	127664797	NC_000006.11
cg15403758	9.26E-07	1.29E-07	-5.48	6.4769569	-8.51E-02	166428151	166428274	NC_000004.11
cg20238978	9.27E-07	1.30E-07	-5.48	6.476164	-1.64E-02	15469317	15469440	NC_000003.11
cg11710123	9.27E-07	1.30E-07	-5.48	6.4757734	-6.16E-02	3141992	3142115	NC_000001.10
cg05931497	9.27E-07	1.30E-07	-5.48	6.475738	-1.37E-01	867221	867344	NC_000010.10
cg02766482	9.27E-07	1.30E-07	-5.48	6.4755976	-7.93E-02	93466826	93466949	NC_000011.9
cg13082351	9.27E-07	1.30E-07	-5.48	6.4754912	-6.12E-02	149399930	149400053	NC_000001.10
cg07622766	9.29E-07	1.30E-07	-5.48	6.4738616	-6.68E-02	46547809	46547932	NC_000003.11
cg06100684	9.29E-07	1.30E-07	-5.48	6.4737449	-1.06E-01	23383753	23383876	NC_000010.10
ch.11.2720214F	9.30E-07	1.30E-07	-5.48	6.4726056	-3.01E-02	129835266	129835389	NC_000011.9
cg04879387	9.30E-07	1.30E-07	-5.48	6.472354	-2.51E-02	16043101	16043224	NC_000016.9

cg10976478	9.31E-07	1.30E-07	-5.48	6.4720596	-9.42E-02	241263838	241263961	NC_000002.11
cg09808864	9.31E-07	1.30E-07	-5.48	6.4718979	-8.63E-02	138482336	138482459	NC_000006.11
cg08596532	9.31E-07	1.30E-07	-5.48	6.4714663	-1.01E-01	5033993	5034116	NC_000005.9
cg04569429	9.31E-07	1.30E-07	-5.48	6.4713342	-5.53E-02	37024625	37024748	NC_000017.10
cg13554818	9.31E-07	1.30E-07	-5.48	6.4712826	-6.75E-02	43979316	43979439	NC_000019.9
cg12472597	9.31E-07	1.30E-07	-5.48	6.4712464	-6.13E-02	67141742	67141865	NC_000011.9
cg08457421	9.31E-07	1.30E-07	-5.48	6.4711967	-1.20E-01	31536431	31536554	NC_000022.10
cg27142530	9.32E-07	1.30E-07	-5.48	6.47009	-1.19E-01	187266705	187266828	NC_000004.11
cg04089739	9.33E-07	1.30E-07	-5.48	6.4695313	-7.98E-02	6719980	6720103	NC_000019.9
cg14107561	9.34E-07	1.31E-07	-5.48	6.4686237	-2.25E-02	31789941	31790064	NC_000006.11
cg12341365	9.34E-07	1.31E-07	-5.48	6.468298	-1.22E-02	46816779	46816902	NC_000006.11
cg25246876	9.34E-07	1.31E-07	-5.48	6.4679444	-1.04E-01	70678609	70678732	NC_000013.10
cg01426921	9.35E-07	1.31E-07	-5.48	6.4672224	-8.25E-02	35658776	35658899	NC_000009.11
ch.4.79753186F	9.35E-07	1.31E-07	-5.48	6.4665132	-6.19E-02	79534162	79534285	NC_000004.11
cg09995507	9.36E-07	1.31E-07	-5.48	6.4660686	-1.06E-01	21988494	21988617	NC_000001.10
cg10919176	9.36E-07	1.31E-07	-5.48	6.4659583	-2.15E-02	110346552	110346675	NC_000008.10
cg14840429	9.36E-07	1.31E-07	-5.48	6.4658535	-9.97E-02	115312213	115312336	NC_000010.10
cg22465281	9.36E-07	1.31E-07	-5.48	6.4655828	-4.22E-02	65017296	65017419	NC_000005.9
cg09512575	9.37E-07	1.31E-07	-5.48	6.4652151	-2.14E-02	107008490	107008613	NC_000005.9
cg02279224	9.37E-07	1.31E-07	-5.48	6.4650287	-7.02E-02	144386160	144386283	NC_000006.11
cg18011230	9.37E-07	1.31E-07	-5.48	6.4642352	-6.78E-02	149312483	149312606	NC_000005.9
cg03913000	9.38E-07	1.31E-07	-5.48	6.4640856	-3.91E-02	70269352	70269475	NC_000008.10
cg26392277	9.38E-07	1.31E-07	-5.48	6.4632131	-1.04E-01	5775318	5775441	NC_000004.11
cg15571730	9.39E-07	1.31E-07	-5.48	6.4628568	-2.45E-02	99680278	99680401	NC_000007.13
cg21520537	9.39E-07	1.31E-07	-5.48	6.4624543	-3.11E-02	10326774	10326897	NC_000003.11



cg10996932	9.39E-07	1.31E-07	-5.48	6.4623379	-8.82E-02	40234536	40234659	NC_000003.11
cg05112986	9.39E-07	1.32E-07	-5.48	6.4619999	-4.78E-02	45346247	45346370	NC_000006.11
cg14570006	9.40E-07	1.32E-07	-5.48	6.4616218	-5.99E-02	139760593	139760716	NC_000009.11
cg10765909	9.40E-07	1.32E-07	-5.48	6.4615799	-6.19E-02	53715428	53715551	NC_000012.11
cg05162858	9.41E-07	1.32E-07	-5.48	6.4602832	-1.28E-01	80697460	80697583	NC_000010.10
cg07613752	9.43E-07	1.32E-07	-5.48	6.4583343	-1.06E-01	27756421	27756544	NC_000003.11
cg16634971	9.43E-07	1.32E-07	-5.48	6.4581126	-6.36E-02	12455615	12455738	NC_000011.9
cg02872263	9.43E-07	1.32E-07	-5.48	6.4575361	-1.04E-01	150724678	150724801	NC_000006.11
cg26053073	9.44E-07	1.32E-07	-5.48	6.4565954	-6.71E-02	131455383	131455506	NC_000008.10
cg14951598	9.44E-07	1.32E-07	-5.48	6.4564625	-4.67E-02	41472931	41473054	NC_000006.11
cg01590787	9.45E-07	1.32E-07	-5.48	6.4563267	-8.81E-02	175813861	175813984	NC_000005.9
cg24094450	9.46E-07	1.32E-07	-5.48	6.4553308	-1.02E-01	76429151	76429274	NC_000015.9
cg02698600	9.46E-07	1.32E-07	-5.48	6.4552328	-4.63E-02	201450009	201450132	NC_000001.10
cg06010356	9.46E-07	1.33E-07	-5.48	6.4546422	-3.21E-02	74847234	74847357	NC_000016.9
cg18817318	9.46E-07	1.33E-07	-5.48	6.4543581	-5.96E-02	77565875	77565998	NC_000013.10
cg26860855	9.47E-07	1.33E-07	-5.48	6.4541615	-9.52E-02	152618527	152618650	NC_000007.13
cg18088494	9.47E-07	1.33E-07	-5.48	6.4537823	-1.66E-02	16494143	16494266	NC_000001.10
cg05710142	9.47E-07	1.33E-07	-5.48	6.4533087	-7.51E-02	33223592	33223715	NC_000001.10
cg21546155	9.48E-07	1.33E-07	-5.48	6.452824	-5.12E-02	159894937	159895060	NC_000005.9
cg26590003	9.48E-07	1.33E-07	-5.48	6.4528003	-3.82E-02	72512115	72512238	NC_000005.9
cg17689799	9.48E-07	1.33E-07	-5.48	6.4525809	-4.57E-02	27529540	27529663	NC_000002.11
cg08356637	9.49E-07	1.33E-07	-5.48	6.4519484	-1.17E-01	8385767	8385890	NC_000011.9
cg15656834	9.49E-07	1.33E-07	-5.48	6.4516031	-8.11E-02	116578399	116578522	NC_000011.9
cg14638147	9.49E-07	1.33E-07	-5.48	6.4509632	-4.87E-02	138830878	138831001	NC_000003.11
cg05245515	9.50E-07	1.33E-07	-5.48	6.4507436	-1.20E-01	21467273	21467396	NC_000014.8

cg13300670	9.50E-07	1.33E-07	-5.48	6.4499838	-1.02E-01	2896834	2896957	NC_000001.10
cg22027725	9.50E-07	1.33E-07	-5.48	6.4497773	-1.13E-01	124961633	124961756	NC_000011.9
cg09933836	9.51E-07	1.33E-07	-5.48	6.4495596	-7.37E-02	29595133	29595256	NC_000008.10
cg12108798	9.52E-07	1.33E-07	-5.48	6.4482768	-7.54E-02	1173916	1174039	NC_000001.10
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cg10098787	9.53E-07	1.34E-07	-5.47	6.4473348	-7.51E-02	104550915	104551038	NC_000014.8
cg26332926	9.53E-07	1.34E-07	-5.47	6.4471274	-1.10E-01	52835078	52835201	NC_000010.10
cg13593548	9.53E-07	1.34E-07	-5.47	6.4469626	-7.88E-02	101745309	101745432	NC_000009.11
cg17091577	9.53E-07	1.34E-07	-5.47	6.4467018	-7.18E-02	30854233	30854356	NC_000006.11
cg10174585	9.54E-07	1.34E-07	-5.47	6.4461512	-2.61E-02	38243596	38243719	NC_000008.10
cg00157962	9.54E-07	1.34E-07	-5.47	6.4456347	-1.17E-01	109102212	109102335	NC_000001.10
cg05405094	9.54E-07	1.34E-07	-5.47	6.4456338	-1.15E-01	20141722	20141845	NC_000012.11
cg04566677	9.55E-07	1.34E-07	-5.47	6.4447555	-1.23E-01	54779175	54779298	NC_000012.11
cg23927983	9.55E-07	1.34E-07	-5.47	6.4446311	-2.42E-02	179315956	179316079	NC_000002.11
cg00039326	9.56E-07	1.34E-07	-5.47	6.4439686	-1.16E-01	36615845	36615968	NC_000001.10
cg22853797	9.56E-07	1.34E-07	-5.47	6.4439668	-2.66E-02	19172126	19172249	NC_000008.10
cg16646354	9.58E-07	1.34E-07	-5.47	6.4419193	-2.05E-02	62310490	62310613	NC_000011.9
cg19888017	9.58E-07	1.34E-07	-5.47	6.4416859	-8.13E-02	170589483	170589606	NC_000006.11
cg19459434	9.58E-07	1.34E-07	-5.47	6.4410872	-1.18E-01	71900783	71900906	NC_000017.10
cg03179291	9.59E-07	1.34E-07	-5.47	6.4407254	-1.35E-01	3791902	3792025	NC_000017.10
cg06706813	9.61E-07	1.35E-07	-5.47	6.4378913	-1.34E-01	194826411	194826534	NC_000003.11
cg22518769	9.62E-07	1.35E-07	-5.47	6.4369052	-7.08E-02	5321662	5321785	NC_000007.13
cg04233201	9.63E-07	1.35E-07	-5.47	6.4363273	-8.35E-02	33937768	33937891	NC_000008.10
cg26266098	9.64E-07	1.35E-07	-5.47	6.4356389	-3.83E-02	102756795	102756918	NC_000010.10
cg04177684	9.64E-07	1.35E-07	-5.47	6.4350769	-7.77E-02	49118165	49118288	NC_000019.9

cg10857774	9.64E-07	1.35E-07	-5.47	6.4347983	-6.95E-02	46286683	46286806	NC_000019.9
cg02011124	9.67E-07	1.36E-07	-5.47	6.4319682	-7.04E-02	5770367	5770490	NC_000001.10
cg01267797	9.68E-07	1.36E-07	-5.47	6.431034	-1.06E-01	79542470	79542593	NC_000005.9
cg02751064	9.68E-07	1.36E-07	-5.47	6.430607	-8.78E-02	72244242	72244365	NC_000017.10
cg19951297	9.68E-07	1.36E-07	-5.47	6.4305092	-7.62E-02	138441071	138441194	NC_000005.9
cg07290522	9.69E-07	1.36E-07	-5.47	6.4300345	-1.01E-01	86185338	86185461	NC_000016.9
cg00976692	9.69E-07	1.36E-07	-5.47	6.4295335	-7.06E-02	64578131	64578254	NC_000011.9
cg16347155	9.70E-07	1.36E-07	-5.47	6.4290182	-1.04E-01	40687830	40687953	NC_000017.10
cg16829998	9.70E-07	1.36E-07	-5.47	6.428851	-6.98E-02	49944964	49945087	NC_000019.9
ch.19.714487R	9.70E-07	1.36E-07	-5.47	6.4284694	-1.80E-02	16978952	16979075	NC_000019.9
cg01269456	9.70E-07	1.36E-07	-5.47	6.4283598	-4.41E-02	74154221	74154344	NC_000002.11
cg00847221	9.71E-07	1.36E-07	-5.47	6.4274507	-1.30E-01	64948442	64948565	NC_000017.10
cg10332003	9.71E-07	1.36E-07	-5.47	6.427338	-8.28E-02	185070366	185070489	NC_000004.11
cg07855319	9.72E-07	1.36E-07	-5.47	6.4270149	-6.38E-02	69123283	69123406	NC_000016.9
cg13407464	9.72E-07	1.36E-07	-5.47	6.426561	-5.25E-02	93351779	93351902	NC_000015.9
cg02717570	9.73E-07	1.36E-07	-5.47	6.4259273	-2.26E-02	27920934	27921057	NC_000017.10
cg26405545	9.74E-07	1.37E-07	-5.47	6.4245768	-7.86E-02	1045506	1045629	NC_000001.10
cg25705508	9.74E-07	1.37E-07	-5.47	6.4243534	-1.20E-01	203199023	203199146	NC_000001.10
cg22164009	9.74E-07	1.37E-07	-5.47	6.4242172	-8.98E-02	14729030	14729153	NC_000006.11
cg22236894	9.75E-07	1.37E-07	-5.47	6.4235834	-2.19E-02	64081383	64081506	NC_000008.10
cg24963307	9.75E-07	1.37E-07	-5.47	6.4233281	-2.14E-02	21979594	21979717	NC_000014.8
cg19744906	9.75E-07	1.37E-07	-5.47	6.4232471	-3.02E-02	94547946	94548069	NC_000014.8
cg23631842	9.75E-07	1.37E-07	-5.47	6.4228981	-2.69E-02	38259884	38260007	NC_000001.10
cg14909376	9.76E-07	1.37E-07	-5.47	6.422745	-1.54E-02	43588988	43589111	NC_000020.10
cg17308840	9.76E-07	1.37E-07	-5.47	6.4225488	-5.85E-02	542758	542881	NC_000001.10

cg04707603	9.76E-07	1.37E-07	-5.47	6.4221232	-1.10E-01	33735888	33736011	NC_000002.11
cg17223866	9.77E-07	1.37E-07	-5.47	6.4210555	-1.15E-01	44794158	44794281	NC_000001.10
cg15920669	9.78E-07	1.37E-07	-5.47	6.4205256	-6.48E-02	142037502	142037625	NC_000008.10
cg08159271	9.78E-07	1.37E-07	-5.47	6.4200856	-1.06E-01	145009241	145009364	NC_000008.10
cg06557580	9.79E-07	1.37E-07	-5.47	6.4195606	-1.06E-01	1041216	1041339	NC_000016.9
cg13976253	9.79E-07	1.37E-07	-5.47	6.4194107	-3.34E-02	202317780	202317903	NC_000001.10
cg02967428	9.80E-07	1.38E-07	-5.47	6.4183292	-4.57E-02	104510754	104510877	NC_000008.10
cg24123355	9.80E-07	1.38E-07	-5.47	6.4179341	-3.16E-02	102904584	102904707	NC_000014.8
cg21556309	9.80E-07	1.38E-07	-5.47	6.4175605	-1.33E-01	9993818	9993941	NC_000003.11
cg15339164	9.81E-07	1.38E-07	-5.47	6.417332	-1.13E-01	3589869	3589992	NC_000012.11
cg24571110	9.81E-07	1.38E-07	-5.47	6.4165555	-1.39E-01	80921117	80921240	NC_000017.10
cg24865210	9.82E-07	1.38E-07	-5.47	6.4161434	-1.19E-01	158689727	158689850	NC_000005.9
cg06606199	9.82E-07	1.38E-07	-5.47	6.4160713	-8.83E-02	115174773	115174896	NC_000012.11
cg18256429	9.82E-07	1.38E-07	-5.47	6.4158825	-3.03E-02	31632881	31633004	NC_000006.11
cg21823502	9.83E-07	1.38E-07	-5.47	6.414842	-1.20E-01	79856430	79856553	NC_000017.10
cg12833407	9.84E-07	1.38E-07	-5.47	6.4138084	-6.78E-02	130469175	130469298	NC_000009.11
cg02675308	9.84E-07	1.38E-07	-5.47	6.413636	-8.08E-02	76556042	76556165	NC_000004.11
cg24922022	9.84E-07	1.38E-07	-5.47	6.4133418	-8.70E-02	827675	827798	NC_000004.11
cg22340067	9.85E-07	1.38E-07	-5.47	6.4123616	-5.98E-02	11967826	11967949	NC_000001.10
cg01580888	9.86E-07	1.38E-07	-5.47	6.4118202	-2.89E-02	33556060	33556183	NC_000019.9
cg24957657	9.86E-07	1.38E-07	-5.47	6.4116673	-2.26E-02	38497631	38497754	NC_000017.10
cg12159166	9.86E-07	1.39E-07	-5.47	6.4115516	-5.21E-02	75649913	75650036	NC_000011.9
cg13311803	9.88E-07	1.39E-07	-5.47	6.409791	-2.79E-02	101930366	101930489	NC_000007.13
cg20699549	9.88E-07	1.39E-07	-5.47	6.4092932	-1.06E-01	42567973	42568096	NC_000015.9
cg16134607	9.89E-07	1.39E-07	-5.47	6.4079493	-4.36E-02	56512091	56512214	NC_000012.11

cg23145493	9.90E-07	1.39E-07	-5.47	6.407759	-7.27E-02	168813125	168813248	NC_000006.11
cg02164442	9.91E-07	1.39E-07	-5.47	6.4065766	-9.48E-02	31405101	31405224	NC_000016.9
cg11323828	9.91E-07	1.39E-07	-5.47	6.4061373	-8.29E-02	41230578	41230701	NC_000015.9
cg08421478	9.92E-07	1.39E-07	-5.47	6.4054217	-6.19E-02	22666424	22666547	NC_000013.10
cg14851460	9.92E-07	1.39E-07	-5.47	6.40488	-4.23E-02	20235923	20236046	NC_000001.10
cg17683067	9.93E-07	1.40E-07	-5.47	6.4045242	-1.35E-02	145703841	145703964	NC_000008.10
cg08333616	9.93E-07	1.40E-07	-5.47	6.4044561	-7.70E-02	156369336	156369459	NC_000005.9
cg19304507	9.93E-07	1.40E-07	-5.47	6.4043595	-6.05E-02	30278992	30279115	NC_000022.10
cg16561256	9.93E-07	1.40E-07	-5.47	6.4041518	-1.05E-01	1103266	1103389	NC_000001.10
cg14704270	9.93E-07	1.40E-07	-5.47	6.4037683	-2.31E-02	50639024	50639147	NC_000022.10
cg03471106	9.94E-07	1.40E-07	-5.47	6.4034498	-3.65E-02	30294972	30295095	NC_000006.11
cg17631184	9.94E-07	1.40E-07	-5.47	6.4031358	-8.65E-02	70266172	70266295	NC_000011.9
cg21647035	9.94E-07	1.40E-07	-5.47	6.4030922	-1.50E-01	16473479	16473602	NC_000001.10
cg15436123	9.94E-07	1.40E-07	-5.47	6.4027036	-1.11E-01	3390332	3390455	NC_000004.11
cg25936902	9.94E-07	1.40E-07	-5.47	6.4025181	-1.01E-01	30982971	30983094	NC_000013.10
cg11612470	9.95E-07	1.40E-07	-5.47	6.4023888	-3.05E-02	3068051	3068174	NC_000012.11
cg08018143	9.95E-07	1.40E-07	-5.47	6.4015856	-1.01E-01	162110754	162110877	NC_000004.11
cg18351858	9.96E-07	1.40E-07	-5.47	6.4013734	-6.87E-02	184053569	184053692	NC_000003.11
cg17153426	9.96E-07	1.40E-07	-5.47	6.4009134	-6.16E-02	24640743	24640866	NC_000022.10
cg18986925	9.96E-07	1.40E-07	-5.47	6.4006444	-1.30E-01	26635591	26635714	NC_000002.11
cg16861031	9.97E-07	1.40E-07	-5.46	6.3998972	-1.13E-01	105477526	105477649	NC_000012.11
cg23646820	9.97E-07	1.40E-07	-5.46	6.3994317	-7.51E-02	236304503	236304626	NC_000001.10
cg25638602	9.97E-07	1.40E-07	-5.46	6.3993972	-4.32E-02	68723743	68723866	NC_000011.9
cg08973675	9.97E-07	1.40E-07	-5.46	6.3993365	-4.46E-02	101380289	101380412	NC_000010.10
cg10855276	9.98E-07	1.40E-07	-5.46	6.3991746	-8.24E-02	113698688	113698811	NC_000013.10

cg15308295	9.98E-07	1.40E-07	-5.46	6.3991595	-3.06E-02	89378052	89378175	NC_000004.11
cg26767443	9.98E-07	1.40E-07	-5.46	6.3991319	-1.21E-01	41316244	41316367	NC_000019.9
cg23433370	9.98E-07	1.40E-07	-5.46	6.3986828	-1.16E-01	27396894	27397017	NC_000012.11
cg20774413	9.98E-07	1.40E-07	-5.46	6.398555	-6.62E-02	42350482	42350605	NC_000020.10
cg19634693	9.98E-07	1.40E-07	-5.46	6.3985336	-6.85E-02	68961717	68961840	NC_000001.10
cg16093876	9.98E-07	1.40E-07	-5.46	6.3984086	-4.51E-02	97021966	97022089	NC_000009.11
cg26986180	9.99E-07	1.40E-07	-5.46	6.3980896	-5.16E-02	124246525	124246648	NC_000012.11
cg11584519	9.99E-07	1.40E-07	-5.46	6.397975	-1.15E-01	16175867	16175990	NC_000005.9
cg11215015	9.99E-07	1.40E-07	-5.46	6.3978427	-4.36E-02	197116161	197116284	NC_000001.10
cg20537992	9.99E-07	1.41E-07	-5.46	6.3975513	-8.35E-02	64852354	64852477	NC_000011.9
cg19940312	1.00E-06	1.41E-07	-5.46	6.3967452	-1.42E-01	20257590	20257713	NC_000004.11
cg12776756	1.00E-06	1.41E-07	-5.46	6.396291	-8.92E-02	45953055	45953178	NC_000017.10
cg12850379	1.00E-06	1.41E-07	-5.46	6.3962492	-1.06E-01	54935605	54935728	NC_000008.10
cg04985251	1.00E-06	1.41E-07	-5.46	6.3959586	-5.36E-02	119188494	119188617	NC_000003.11
cg06834758	1.00E-06	1.41E-07	-5.46	6.3957402	-8.63E-02	70410637	70410760	NC_000008.10
cg11128944	1.00E-06	1.41E-07	-5.46	6.3955685	-4.15E-02	114215021	114215144	NC_000006.11
cg04993130	1.00E-06	1.41E-07	-5.46	6.3949609	-1.06E-01	726759	726882	NC_000011.9
cg06643567	1.00E-06	1.41E-07	-5.46	6.3945317	-7.33E-02	54068019	54068142	NC_000003.11
cg27356115	1.00E-06	1.41E-07	-5.46	6.3945069	-1.18E-01	53422311	53422434	NC_000015.9
cg12679192	1.00E-06	1.41E-07	-5.46	6.393947	-8.30E-02	68969455	68969578	NC_000008.10
cg22644320	1.00E-06	1.41E-07	-5.46	6.39285	-8.45E-02	78808187	78808310	NC_000017.10
cg17747551	1.00E-06	1.41E-07	-5.46	6.3927366	-1.18E-01	174944792	174944915	NC_000005.9
cg16326073	1.00E-06	1.41E-07	-5.46	6.3916925	-9.01E-02	45125218	45125341	NC_000022.10
cg24109860	1.01E-06	1.41E-07	-5.46	6.3911596	-1.62E-02	76136520	76136643	NC_000017.10
cg11614065	1.01E-06	1.41E-07	-5.46	6.3909926	-2.74E-02	167719478	167719601	NC_000005.9

cg26601289	1.01E-06	1.41E-07	-5.46	6.3908403	-3.62E-02	247267644	247267767	NC_000001.10
cg20630207	1.01E-06	1.42E-07	-5.46	6.3908085	-4.24E-02	14640235	14640358	NC_000019.9
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cg00521130	1.01E-06	1.42E-07	-5.46	6.387858	-2.65E-02	3073893	3074016	NC_000016.9
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cg04579415	1.01E-06	1.42E-07	-5.46	6.3867448	-5.28E-02	44252530	44252653	NC_000006.11
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cg00007226	1.01E-06	1.42E-07	-5.46	6.3847637	-1.83E-02	105781366	105781489	NC_000014.8
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cg18121914	1.01E-06	1.42E-07	-5.46	6.3841431	-6.16E-02	156337523	156337646	NC_000001.10
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cg15496871	1.01E-06	1.43E-07	-5.46	6.3837357	-2.68E-02	36208495	36208618	NC_000019.9
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cg15919816	1.01E-06	1.43E-07	-5.46	6.3829971	-8.59E-02	2431872	2431995	NC_000004.11
cg09470376	1.01E-06	1.43E-07	-5.46	6.3829603	-2.27E-02	39991217	39991340	NC_000007.13
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cg26965639	1.02E-06	1.43E-07	-5.46	6.3790174	-1.09E-01	142606734	142606857	NC_000007.13
cg13000219	1.02E-06	1.43E-07	-5.46	6.3785094	-5.73E-02	21590632	21590755	NC_000012.11
cg21911326	1.02E-06	1.43E-07	-5.46	6.3773724	-2.34E-02	16826140	16826263	NC_000001.10
cg27018424	1.02E-06	1.44E-07	-5.46	6.3769174	-6.62E-02	33173425	33173548	NC_000006.11

cg15022049	1.02E-06	1.44E-07	-5.46	6.3767416	-4.11E-02	66137145	66137268	NC_000011.9
cg01883046	1.02E-06	1.44E-07	-5.46	6.3764778	-7.16E-02	174890420	174890543	NC_000002.11
cg04349839	1.02E-06	1.44E-07	-5.46	6.3759874	-1.31E-01	25789390	25789513	NC_000004.11
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cg25656096	1.02E-06	1.44E-07	-5.46	6.3726263	-3.80E-02	237990400	237990523	NC_000002.11
cg04385818	1.02E-06	1.44E-07	-5.46	6.3724757	-6.92E-02	49468626	49468749	NC_000019.9
cg19507256	1.02E-06	1.44E-07	-5.46	6.3722681	-9.20E-02	149552478	149552601	NC_000007.13
cg24244747	1.02E-06	1.44E-07	-5.46	6.3718102	-1.06E-01	80885001	80885124	NC_000006.11
cg17919667	1.02E-06	1.44E-07	-5.46	6.3716653	-7.55E-02	176513163	176513286	NC_000005.9
cg21208744	1.02E-06	1.44E-07	-5.46	6.3713872	-1.01E-01	149909548	149909671	NC_000001.10
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cg26003140	1.02E-06	1.44E-07	-5.46	6.370493	-1.15E-01	8611612	8611735	NC_000017.10
cg06940127	1.03E-06	1.45E-07	-5.46	6.3696947	-6.08E-02	1665303	1665426	NC_000017.10
cg17383272	1.03E-06	1.45E-07	-5.46	6.3695851	-1.04E-01	50710013	50710136	NC_000019.9
cg04059988	1.03E-06	1.45E-07	-5.46	6.3695827	-4.96E-02	27413649	27413772	NC_000016.9
cg16695597	1.03E-06	1.45E-07	-5.46	6.3689623	-2.19E-02	142557614	142557737	NC_000004.11
cg21500247	1.03E-06	1.45E-07	-5.46	6.3685873	-7.17E-02	1730306	1730429	NC_000006.11



cg04072597	1.03E-06	1.45E-07	-5.46	6.3683898	-6.22E-02	18716499	18716622	NC_000019.9
cg08763705	1.03E-06	1.45E-07	-5.46	6.36756	-1.24E-01	139525657	139525780	NC_000005.9
cg17976191	1.03E-06	1.45E-07	-5.46	6.3665228	-1.30E-01	13135527	13135650	NC_000019.9
cg11454606	1.03E-06	1.45E-07	-5.46	6.3661826	-3.03E-02	67888949	67889072	NC_000011.9
cg27531571	1.03E-06	1.45E-07	-5.46	6.3657565	-1.14E-01	77905160	77905283	NC_000017.10
cg04149916	1.03E-06	1.45E-07	-5.46	6.3654805	-6.78E-02	31939319	31939442	NC_000006.11
cg23858537	1.03E-06	1.45E-07	-5.46	6.3654332	-1.23E-01	72039838	72039961	NC_000015.9
cg02853731	1.03E-06	1.45E-07	-5.46	6.3648537	-4.56E-02	85218481	85218604	NC_000010.10
cg18735089	1.03E-06	1.45E-07	-5.46	6.3646342	-1.22E-01	98738998	98739121	NC_000007.13
cg06961086	1.03E-06	1.45E-07	-5.46	6.3639672	-4.25E-02	239343317	239343440	NC_000002.11
cg07164125	1.03E-06	1.46E-07	-5.46	6.3632087	-1.19E-01	21604831	21604954	NC_000008.10
cg24032414	1.03E-06	1.46E-07	-5.46	6.3625107	-8.23E-02	48674136	48674259	NC_000017.10
cg08760493	1.03E-06	1.46E-07	-5.46	6.3614334	-1.09E-01	109994039	109994162	NC_000004.11
cg16253634	1.03E-06	1.46E-07	-5.46	6.3612154	-7.25E-02	134464123	134464246	NC_000007.13
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cg17309464	1.03E-06	1.46E-07	-5.46	6.3607407	-3.68E-02	36705192	36705315	NC_000019.9
cg00543840	1.03E-06	1.46E-07	-5.46	6.3604494	-1.15E-01	22213376	22213499	NC_000001.10
cg12580445	1.04E-06	1.46E-07	-5.46	6.3598144	-1.39E-01	121414634	121414757	NC_000005.9
cg22366698	1.04E-06	1.46E-07	-5.46	6.3590247	-2.99E-02	3400543	3400666	NC_000011.9
cg02063165	1.04E-06	1.46E-07	-5.46	6.3589114	-7.21E-02	149294388	149294511	NC_000001.10
cg00456086	1.04E-06	1.46E-07	-5.46	6.3585497	-2.59E-02	197283111	197283234	NC_000003.11
cg24606594	1.04E-06	1.46E-07	-5.46	6.3579554	-1.28E-01	51795291	51795414	NC_000012.11
cg10118167	1.04E-06	1.46E-07	-5.46	6.3578347	-9.57E-02	94676545	94676668	NC_000012.11
cg07563765	1.04E-06	1.46E-07	-5.46	6.3576229	-6.81E-02	28929242	28929365	NC_000008.10
cg26255314	1.04E-06	1.46E-07	-5.46	6.3576164	-1.44E-01	60869910	60870033	NC_000011.9

cg10595344	1.04E-06	1.46E-07	-5.46	6.3574735	-1.71E-02	109585022	109585145	NC_000001.10
cg25027273	1.04E-06	1.46E-07	-5.46	6.357377	-7.73E-02	101720914	101721037	NC_000015.9
cg03907390	1.04E-06	1.46E-07	-5.46	6.3571711	-1.22E-01	121066392	121066515	NC_000010.10
cg11628021	1.04E-06	1.47E-07	-5.46	6.3554714	-2.99E-02	17491382	17491505	NC_000019.9
cg02524863	1.04E-06	1.47E-07	-5.46	6.3547471	-7.33E-02	193858041	193858164	NC_000003.11
cg13239646	1.04E-06	1.47E-07	-5.46	6.3538219	-6.36E-02	65348394	65348517	NC_000011.9
cg06814287	1.04E-06	1.47E-07	-5.46	6.3535584	-1.05E-01	32120584	32120707	NC_000006.11
cg27123423	1.04E-06	1.47E-07	-5.46	6.3535569	-6.44E-02	62971335	62971458	NC_000017.10
cg21685808	1.04E-06	1.47E-07	-5.45	6.3530728	-8.60E-02	45982421	45982544	NC_000006.11
cg09940188	1.04E-06	1.47E-07	-5.45	6.3527367	-9.93E-02	1686671	1686794	NC_000017.10
cg04073204	1.04E-06	1.47E-07	-5.45	6.3526143	-1.03E-01	179158569	179158692	NC_000005.9
cg22673972	1.04E-06	1.47E-07	-5.45	6.3526059	-1.00E-01	14415346	14415469	NC_000003.11
cg03610867	1.04E-06	1.47E-07	-5.45	6.3505639	-2.93E-02	155602060	155602183	NC_000007.13
cg03853945	1.04E-06	1.48E-07	-5.45	6.3502501	-8.13E-02	84024017	84024140	NC_000013.10
cg20460101	1.05E-06	1.48E-07	-5.45	6.3499821	-2.58E-02	92465103	92465226	NC_000007.13
cg14097619	1.05E-06	1.48E-07	-5.45	6.3491839	-8.01E-02	183945054	183945177	NC_000003.11
cg07780517	1.05E-06	1.48E-07	-5.45	6.348989	-9.38E-02	30077489	30077612	NC_000013.10
cg22026918	1.05E-06	1.48E-07	-5.45	6.3489245	-1.05E-01	70552251	70552374	NC_000015.9
cg07798694	1.05E-06	1.48E-07	-5.45	6.3486529	-1.34E-02	142141972	142142095	NC_000004.11
cg16612806	1.05E-06	1.48E-07	-5.45	6.348468	-1.08E-01	124592229	124592352	NC_000011.9
cg20264543	1.05E-06	1.48E-07	-5.45	6.3484112	-9.40E-02	128787213	128787336	NC_000003.11
cg07549120	1.05E-06	1.48E-07	-5.45	6.3483091	-1.01E-01	145758650	145758773	NC_000008.10
cg10630028	1.05E-06	1.48E-07	-5.45	6.3478229	-2.32E-02	77785640	77785763	NC_000017.10
cg14010379	1.05E-06	1.48E-07	-5.45	6.3478015	-5.93E-02	19844368	19844491	NC_000019.9
cg13298466	1.05E-06	1.48E-07	-5.45	6.3470076	-7.40E-02	6658164	6658287	NC_000012.11

cg24978058	1.05E-06	1.48E-07	-5.45	6.3460669	-6.46E-02	86152227	86152350	NC_000011.9
cg15935113	1.05E-06	1.48E-07	-5.45	6.345797	-2.70E-02	40118557	40118680	NC_000017.10
cg09051342	1.05E-06	1.48E-07	-5.45	6.345211	-9.66E-02	95113521	95113644	NC_000008.10
cg08256027	1.05E-06	1.48E-07	-5.45	6.3441662	-4.50E-02	144334733	144334856	NC_000006.11
cg26228558	1.05E-06	1.49E-07	-5.45	6.3437144	-1.08E-01	71527496	71527619	NC_000008.10
cg09165678	1.05E-06	1.49E-07	-5.45	6.3429969	-2.27E-02	219536837	219536960	NC_000002.11
cg01231165	1.05E-06	1.49E-07	-5.45	6.3425661	-2.68E-02	9695142	9695265	NC_000002.11
cg00516597	1.05E-06	1.49E-07	-5.45	6.3425225	-1.53E-02	25824837	25824960	NC_000003.11
cg27464657	1.05E-06	1.49E-07	-5.45	6.3413601	-6.69E-02	50560469	50560592	NC_000012.11
cg06753281	1.05E-06	1.49E-07	-5.45	6.3405224	-1.02E-01	6086652	6086775	NC_000001.10
cg12079115	1.06E-06	1.49E-07	-5.45	6.3402612	-9.63E-02	241851444	241851567	NC_000002.11
cg25236791	1.06E-06	1.49E-07	-5.45	6.340091	-8.02E-02	52302252	52302375	NC_000003.11
cg16341266	1.06E-06	1.49E-07	-5.45	6.3392315	-1.21E-01	147256367	147256490	NC_000007.13
cg08894066	1.06E-06	1.49E-07	-5.45	6.3387602	-9.66E-02	145849535	145849658	NC_000008.10
cg19614321	1.06E-06	1.50E-07	-5.45	6.3373965	-1.07E-01	4804581	4804704	NC_000020.10
cg12031740	1.06E-06	1.50E-07	-5.45	6.337286	-6.62E-02	76936927	76937050	NC_000017.10
cg04446992	1.06E-06	1.50E-07	-5.45	6.3367583	-4.84E-02	11550094	11550217	NC_000008.10
cg03698393	1.06E-06	1.50E-07	-5.45	6.3367252	-3.08E-02	89438795	89438918	NC_000015.9
cg25000900	1.06E-06	1.50E-07	-5.45	6.3360511	-1.08E-01	73197088	73197211	NC_000005.9
cg06706867	1.06E-06	1.50E-07	-5.45	6.3350852	-1.46E-02	17949623	17949746	NC_000020.10
cg21746275	1.06E-06	1.50E-07	-5.45	6.3347039	-1.20E-01	179758307	179758430	NC_000003.11
cg10110604	1.06E-06	1.50E-07	-5.45	6.3346881	-1.20E-01	93956122	93956245	NC_000015.9
cg26529687	1.06E-06	1.50E-07	-5.45	6.3343201	-1.02E-01	133514793	133514916	NC_000002.11
cg16351184	1.06E-06	1.50E-07	-5.45	6.3339378	-1.63E-02	140473184	140473307	NC_000009.11
cg05895453	1.06E-06	1.50E-07	-5.45	6.333447	-7.99E-02	41768968	41769091	NC_000013.10

cg00677479	1.06E-06	1.50E-07	-5.45	6.3328748	-4.57E-02	171830637	171830760	NC_000002.11
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cg08466082	1.06E-06	1.50E-07	-5.45	6.3328606	-1.21E-01	88551422	88551545	NC_000016.9
cg09605111	1.06E-06	1.50E-07	-5.45	6.3323552	-6.00E-02	45560051	45560174	NC_000022.10
cg09507120	1.06E-06	1.50E-07	-5.45	6.332038	-4.00E-02	138853424	138853547	NC_000009.11
cg23679992	1.06E-06	1.50E-07	-5.45	6.3317959	-1.03E-01	6421513	6421636	NC_000012.11
cg06657050	1.06E-06	1.50E-07	-5.45	6.3313542	-1.48E-01	53083587	53083710	NC_000015.9
cg12840024	1.06E-06	1.51E-07	-5.45	6.3308453	-9.79E-02	21916256	21916379	NC_000008.10
cg25274503	1.06E-06	1.51E-07	-5.45	6.3308428	-4.95E-02	116140128	116140251	NC_000007.13
cg16839921	1.06E-06	1.51E-07	-5.45	6.3308162	-9.71E-02	74178883	74179006	NC_000011.9
cg00117005	1.06E-06	1.51E-07	-5.45	6.3306763	-6.77E-02	33288995	33289118	NC_000006.11
cg09667289	1.07E-06	1.51E-07	-5.45	6.3300344	-9.58E-02	33165563	33165686	NC_000015.9
cg07320595	1.07E-06	1.51E-07	-5.45	6.329955	-1.37E-01	156485233	156485356	NC_000005.9
cg19406161	1.07E-06	1.51E-07	-5.45	6.3291951	-9.18E-02	80550908	80551031	NC_000007.13
cg14288091	1.07E-06	1.51E-07	-5.45	6.3291925	-2.21E-02	99305661	99305784	NC_000008.10
cg00575744	1.07E-06	1.51E-07	-5.45	6.3291626	-4.21E-02	32908642	32908765	NC_000006.11
cg23927970	1.07E-06	1.51E-07	-5.45	6.3281056	-1.17E-01	504933	505056	NC_000011.9
cg07286341	1.07E-06	1.51E-07	-5.45	6.3275129	-5.65E-02	176923805	176923928	NC_000005.9
cg19662708	1.07E-06	1.51E-07	-5.45	6.3270021	-5.02E-02	12785573	12785696	NC_000011.9
cg08330690	1.07E-06	1.51E-07	-5.45	6.3269268	-1.28E-01	33760293	33760416	NC_000017.10
cg12158488	1.07E-06	1.51E-07	-5.45	6.3264255	-1.36E-01	31336998	31337121	NC_000008.10
cg01741038	1.07E-06	1.51E-07	-5.45	6.3249823	-1.21E-01	18414933	18415056	NC_000012.11
cg00678539	1.07E-06	1.51E-07	-5.45	6.3245694	-6.39E-02	56757625	56757748	NC_000015.9
cg15852320	1.07E-06	1.52E-07	-5.45	6.3243857	-1.02E-01	3232207	3232330	NC_000012.11
cg04893792	1.07E-06	1.52E-07	-5.45	6.3234854	-5.11E-02	114114504	114114627	NC_000013.10

cg00401463	1.07E-06	1.52E-07	-5.45	6.3230809	-7.20E-02	133978450	133978573	NC_000010.10
cg05231706	1.07E-06	1.52E-07	-5.45	6.3221245	-4.40E-02	6441810	6441933	NC_000007.13
cg18622494	1.07E-06	1.52E-07	-5.45	6.3209069	-1.42E-02	128049976	128050099	NC_000007.13
cg15356966	1.08E-06	1.52E-07	-5.45	6.3204126	-1.17E-01	33913187	33913310	NC_000011.9
cg09475757	1.08E-06	1.52E-07	-5.45	6.3198829	-4.10E-02	178230851	178230974	NC_000004.11
cg23384027	1.08E-06	1.52E-07	-5.45	6.3192116	-1.08E-01	54688344	54688467	NC_000012.11
cg10045881	1.08E-06	1.52E-07	-5.45	6.3190545	-1.05E-01	111770291	111770414	NC_000001.10
cg16348638	1.08E-06	1.52E-07	-5.45	6.3183316	-5.80E-02	107198772	107198895	NC_000002.11
cg17020635	1.08E-06	1.52E-07	-5.45	6.3182126	-7.60E-02	67373639	67373762	NC_000011.9
cg12738008	1.08E-06	1.53E-07	-5.45	6.3179738	-1.49E-01	2037954	2038077	NC_000008.10
ch.14.1558261F	1.08E-06	1.53E-07	-5.45	6.3179638	-2.62E-02	95593869	95593992	NC_000014.8
cg12792264	1.08E-06	1.53E-07	-5.45	6.3173326	-1.34E-01	183971636	183971759	NC_000001.10
cg14187860	1.08E-06	1.53E-07	-5.45	6.3171778	-1.02E-01	31261784	31261907	NC_000020.10
cg25632883	1.08E-06	1.53E-07	-5.45	6.3169926	-5.72E-02	109250438	109250561	NC_000012.11
cg23530596	1.08E-06	1.53E-07	-5.45	6.3154405	-9.62E-02	48515109	48515232	NC_000015.9
cg22299191	1.08E-06	1.53E-07	-5.45	6.3150531	-7.85E-02	7991169	7991292	NC_000017.10
cg04899753	1.08E-06	1.53E-07	-5.45	6.3143275	-9.39E-02	100843331	100843454	NC_000014.8
cg21598389	1.08E-06	1.53E-07	-5.45	6.3138965	-1.08E-01	59584281	59584404	NC_000015.9
cg12360123	1.08E-06	1.53E-07	-5.45	6.3133398	-7.79E-02	79984532	79984655	NC_000010.10
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cg14163484	1.08E-06	1.53E-07	-5.45	6.3126524	-6.83E-02	97359926	97360049	NC_000002.11
cg01182620	1.08E-06	1.53E-07	-5.45	6.3124415	-1.20E-01	2031167	2031290	NC_000016.9
cg18241337	1.08E-06	1.53E-07	-5.45	6.3122751	-6.12E-02	156271892	156272015	NC_000003.11
cg12005811	1.08E-06	1.53E-07	-5.45	6.3121387	-9.69E-02	22503787	22503910	NC_000004.11
cg26221410	1.08E-06	1.53E-07	-5.45	6.3120907	-3.12E-02	51785820	51785943	NC_000012.11

cg27090409	1.08E-06	1.53E-07	-5.45	6.3120654	-1.01E-01	46589259	46589382	NC_000015.9
cg14210447	1.08E-06	1.54E-07	-5.45	6.3115322	-5.89E-02	35688002	35688125	NC_000001.10
cg06494421	1.08E-06	1.54E-07	-5.45	6.3113611	-6.15E-02	130356164	130356287	NC_000011.9
cg03874868	1.09E-06	1.54E-07	-5.45	6.3108032	-9.63E-02	1551941	1552064	NC_000017.10
cg06916012	1.09E-06	1.54E-07	-5.45	6.3103007	-2.11E-02	220363862	220363985	NC_000002.11
cg11964810	1.09E-06	1.54E-07	-5.45	6.310043	-5.39E-02	1478170	1478293	NC_000001.10
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cg24942416	1.09E-06	1.54E-07	-5.45	6.3095153	-8.01E-02	124621829	124621952	NC_000011.9
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cg00994323	1.09E-06	1.54E-07	-5.45	6.3070693	-1.18E-01	145721560	145721683	NC_000008.10
cg23877008	1.09E-06	1.54E-07	-5.45	6.3068164	-5.47E-02	109896967	109897090	NC_000012.11
cg22185879	1.09E-06	1.54E-07	-5.44	6.3054819	-1.09E-01	62153193	62153316	NC_000020.10
cg26025505	1.09E-06	1.55E-07	-5.44	6.3051876	-7.91E-02	35138084	35138207	NC_000011.9
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cg08368094	1.09E-06	1.55E-07	-5.44	6.3037134	-8.26E-02	74286665	74286788	NC_000004.11
cg03882071	1.09E-06	1.55E-07	-5.44	6.3032846	-9.57E-02	43922210	43922333	NC_000017.10
cg08457514	1.09E-06	1.55E-07	-5.44	6.3025763	-9.41E-02	61803736	61803859	NC_000001.10
cg16256615	1.10E-06	1.55E-07	-5.44	6.3013452	-1.08E-01	113393179	113393302	NC_000001.10
cg11247304	1.10E-06	1.55E-07	-5.44	6.3009844	-1.15E-01	51523933	51524056	NC_000019.9
cg05040235	1.10E-06	1.55E-07	-5.44	6.3003224	-1.05E-01	93412760	93412883	NC_000015.9
cg03544375	1.10E-06	1.55E-07	-5.44	6.2996848	-6.61E-02	31090725	31090848	NC_000022.10

cg01709265	1.10E-06	1.55E-07	-5.44	6.2996439	-2.31E-02	48350468	48350591	NC_000017.10
cg02118652	1.10E-06	1.55E-07	-5.44	6.2992093	-1.80E-02	215741258	215741381	NC_000001.10
cg02319094	1.10E-06	1.56E-07	-5.44	6.2984445	-9.96E-02	72980866	72980989	NC_000011.9
cg23835453	1.10E-06	1.56E-07	-5.44	6.2982797	-1.01E-01	53646929	53647052	NC_000012.11
cg04080270	1.10E-06	1.56E-07	-5.44	6.2981689	-1.75E-02	52456551	52456674	NC_000001.10
cg16165120	1.10E-06	1.56E-07	-5.44	6.2975268	-6.56E-02	85566439	85566562	NC_000011.9
cg00997720	1.10E-06	1.56E-07	-5.44	6.2967914	-1.83E-02	39616233	39616356	NC_000019.9
cg24331722	1.10E-06	1.56E-07	-5.44	6.2964762	-1.12E-01	62633628	62633751	NC_000008.10
cg15761233	1.10E-06	1.56E-07	-5.44	6.2963564	-1.09E-01	200819070	200819193	NC_000002.11
cg08368148	1.10E-06	1.56E-07	-5.44	6.295779	-4.11E-02	80917381	80917504	NC_000013.10
cg13200188	1.10E-06	1.56E-07	-5.44	6.2954961	-5.68E-02	3173907	3174030	NC_000011.9
cg06680511	1.10E-06	1.56E-07	-5.44	6.2954518	-6.09E-02	15672258	15672381	NC_000011.9
cg13002493	1.10E-06	1.56E-07	-5.44	6.2948371	-2.93E-02	39683800	39683923	NC_000017.10
cg01729089	1.10E-06	1.56E-07	-5.44	6.2941662	-1.58E-02	3174639	3174762	NC_000016.9
cg19464320	1.10E-06	1.56E-07	-5.44	6.2937519	-3.30E-02	121148158	121148281	NC_000012.11
cg01636591	1.10E-06	1.56E-07	-5.44	6.2935502	-1.07E-01	32646156	32646279	NC_000017.10
cg01378677	1.10E-06	1.56E-07	-5.44	6.2935418	-6.55E-02	53237862	53237985	NC_000019.9
cg08240778	1.10E-06	1.57E-07	-5.44	6.2925408	-9.72E-02	1643787	1643910	NC_000011.9
cg17177816	1.10E-06	1.57E-07	-5.44	6.2924301	-1.27E-01	96304193	96304316	NC_000010.10
cg05242915	1.11E-06	1.57E-07	-5.44	6.2911957	-9.42E-02	1263080	1263203	NC_000019.9
cg24467387	1.11E-06	1.57E-07	-5.44	6.2910083	-1.14E-01	1168354	1168477	NC_000019.9
cg20407483	1.11E-06	1.57E-07	-5.44	6.2898839	-1.20E-01	5647920	5648043	NC_000007.13
cg13609505	1.11E-06	1.57E-07	-5.44	6.2885971	-4.66E-02	100206860	100206983	NC_000010.10
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cg24593688	1.11E-06	1.58E-07	-5.44	6.2864735	-1.70E-01	45885599	45885722	NC_000013.10

cg21284400	1.11E-06	1.58E-07	-5.44	6.2852879	-6.62E-02	149981654	149981777	NC_000001.10
cg05503433	1.11E-06	1.58E-07	-5.44	6.2852332	-1.24E-01	42409117	42409240	NC_000019.9
cg08198430	1.11E-06	1.58E-07	-5.44	6.2847098	-6.95E-02	24733757	24733880	NC_000014.8
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cg15789095	1.11E-06	1.58E-07	-5.44	6.2839502	-9.76E-02	32281466	32281589	NC_000001.10
cg04195527	1.11E-06	1.58E-07	-5.44	6.2836043	-2.65E-02	118846289	118846412	NC_000002.11
cg14431547	1.11E-06	1.58E-07	-5.44	6.2823646	-1.21E-01	36572421	36572544	NC_000009.11
cg12447928	1.12E-06	1.58E-07	-5.44	6.2821617	-1.07E-01	25193435	25193558	NC_000006.11
cg18468176	1.12E-06	1.58E-07	-5.44	6.2817639	-3.93E-02	95623969	95624092	NC_000014.8
cg26904179	1.12E-06	1.58E-07	-5.44	6.2814607	-9.55E-02	43888938	43889061	NC_000001.10
cg10932048	1.12E-06	1.58E-07	-5.44	6.2813736	-5.43E-02	28879381	28879504	NC_000001.10
cg05419581	1.12E-06	1.59E-07	-5.44	6.2794225	-7.72E-02	155464121	155464244	NC_000006.11
cg21368143	1.12E-06	1.59E-07	-5.44	6.2786928	-8.39E-02	25150626	25150749	NC_000012.11
cg11702942	1.12E-06	1.59E-07	-5.44	6.278326	-8.40E-02	144102584	144102707	NC_000008.10
cg05911003	1.12E-06	1.59E-07	-5.44	6.2758575	-5.10E-02	187065516	187065639	NC_000004.11
cg06871772	1.12E-06	1.59E-07	-5.44	6.2757047	-2.99E-02	67313024	67313147	NC_000016.9
cg15175162	1.12E-06	1.59E-07	-5.44	6.2755673	-1.00E-01	15657657	15657780	NC_000004.11
cg11526455	1.12E-06	1.59E-07	-5.44	6.2753987	-5.51E-02	71273308	71273431	NC_000002.11
cg12430302	1.12E-06	1.59E-07	-5.44	6.2753347	-6.51E-02	9424575	9424698	NC_000001.10
cg14042143	1.12E-06	1.59E-07	-5.44	6.2752376	-1.31E-01	2646782	2646905	NC_000007.13
cg13316472	1.12E-06	1.59E-07	-5.44	6.2751167	-9.11E-02	1482428	1482551	NC_000011.9
cg02598441	1.12E-06	1.60E-07	-5.44	6.2742246	-5.74E-02	62777298	62777421	NC_000017.10
cg26518100	1.12E-06	1.60E-07	-5.44	6.2740521	-1.22E-01	18823509	18823632	NC_000018.9
ch.8.1852347F	1.12E-06	1.60E-07	-5.44	6.2734201	-1.63E-02	91642798	91642921	NC_000008.10
cg14307605	1.12E-06	1.60E-07	-5.44	6.2732764	-1.36E-01	226029766	226029889	NC_000002.11



cg12293340	1.13E-06	1.60E-07	-5.44	6.2729774	-7.82E-02	1750442	1750565	NC_000004.11
cg13227806	1.13E-06	1.60E-07	-5.44	6.2727138	-1.05E-01	113811946	113812069	NC_000003.11
cg12277122	1.13E-06	1.60E-07	-5.44	6.2724936	-1.60E-02	12902277	12902400	NC_000019.9
cg27291602	1.13E-06	1.60E-07	-5.44	6.2723006	-6.07E-02	644977	645100	NC_000010.10
cg08903604	1.13E-06	1.60E-07	-5.44	6.2722341	-2.29E-02	2305559	2305682	NC_000017.10
cg19229702	1.13E-06	1.60E-07	-5.44	6.272225	-3.60E-02	11762011	11762134	NC_000003.11
cg20734569	1.13E-06	1.60E-07	-5.44	6.2712609	-9.94E-02	48348370	48348493	NC_000003.11
cg06358322	1.13E-06	1.60E-07	-5.44	6.2709214	-7.70E-02	15253798	15253921	NC_000010.10
ch.1.3532527F	1.13E-06	1.60E-07	-5.44	6.2709022	-1.65E-02	180926373	180926496	NC_000001.10
cg13385881	1.13E-06	1.60E-07	-5.44	6.270502	-3.11E-02	224810212	224810335	NC_000002.11
cg10240148	1.13E-06	1.60E-07	-5.44	6.2700733	-1.06E-01	105663019	105663142	NC_000014.8
cg05228244	1.13E-06	1.60E-07	-5.44	6.2688732	-2.53E-02	1102351	1102474	NC_000010.10
cg09554856	1.13E-06	1.60E-07	-5.44	6.2687346	-9.44E-02	33914646	33914769	NC_000011.9
ch.20.741059R	1.13E-06	1.60E-07	-5.44	6.2685496	-1.46E-02	35381238	35381361	NC_000020.10
cg23525853	1.13E-06	1.60E-07	-5.44	6.2685044	-2.20E-02	843541	843664	NC_000019.9
cg26982386	1.13E-06	1.61E-07	-5.44	6.2684462	-1.45E-02	75947745	75947868	NC_000007.13
cg05357695	1.13E-06	1.61E-07	-5.44	6.2683728	-8.75E-02	23623480	23623603	NC_000014.8
cg23152667	1.13E-06	1.61E-07	-5.44	6.2683633	-6.17E-02	77072348	77072471	NC_000005.9
cg10603156	1.13E-06	1.61E-07	-5.44	6.2674631	-9.32E-02	13732625	13732748	NC_000010.10
cg24233194	1.13E-06	1.61E-07	-5.44	6.2668796	-1.06E-01	113526840	113526963	NC_000010.10
cg20240154	1.13E-06	1.61E-07	-5.44	6.265619	-9.83E-02	31464980	31465103	NC_000006.11
cg23016632	1.13E-06	1.61E-07	-5.44	6.265071	-1.06E-01	1396169	1396292	NC_000001.10
cg07889505	1.13E-06	1.61E-07	-5.44	6.2644781	-7.36E-02	42349787	42349910	NC_000015.9
cg13871900	1.13E-06	1.61E-07	-5.44	6.2642429	-5.85E-02	79235968	79236091	NC_000017.10
cg00354542	1.13E-06	1.61E-07	-5.44	6.2641075	-1.06E-01	434356	434479	NC_000016.9

cg17691988	1.13E-06	1.61E-07	-5.44	6.263959	-6.74E-02	108586594	108586717	NC_000004.11
cg26668129	1.13E-06	1.61E-07	-5.44	6.2637883	-1.72E-01	114326408	114326531	NC_000001.10
cg12402318	1.14E-06	1.61E-07	-5.44	6.2629863	-1.24E-01	52135487	52135610	NC_000015.9
cg13950290	1.14E-06	1.61E-07	-5.44	6.2626935	-5.86E-02	183947069	183947192	NC_000003.11
cg07781247	1.14E-06	1.61E-07	-5.44	6.2626209	-2.35E-02	93954443	93954566	NC_000005.9
cg23960538	1.14E-06	1.62E-07	-5.44	6.2622514	-7.38E-02	121372013	121372136	NC_000002.11
cg03220734	1.14E-06	1.62E-07	-5.44	6.2619183	-7.79E-02	832841	832964	NC_000016.9
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cg01595746	1.14E-06	1.62E-07	-5.44	6.2616202	-9.36E-02	1190953	1191076	NC_000006.11
cg09074856	1.14E-06	1.62E-07	-5.44	6.2612054	-7.61E-02	2979817	2979940	NC_000001.10
cg07148896	1.14E-06	1.62E-07	-5.44	6.2605776	-5.94E-02	11119225	11119348	NC_000001.10
cg18444097	1.14E-06	1.62E-07	-5.44	6.2602961	-9.09E-02	17272520	17272643	NC_000008.10
cg03125217	1.14E-06	1.62E-07	-5.44	6.2599892	-1.45E-02	40797790	40797913	NC_000005.9
cg17429631	1.14E-06	1.62E-07	-5.44	6.2592358	-1.16E-02	55230368	55230491	NC_000001.10
cg25412384	1.14E-06	1.62E-07	-5.43	6.2584014	-2.68E-02	23341283	23341406	NC_000014.8
cg05002041	1.14E-06	1.62E-07	-5.43	6.2583302	-6.11E-02	23652837	23652960	NC_000016.9
cg03732295	1.14E-06	1.62E-07	-5.43	6.2568825	-4.55E-02	57906837	57906960	NC_000008.10
cg03665761	1.14E-06	1.62E-07	-5.43	6.256813	-8.67E-02	54965929	54966052	NC_000016.9
cg02817421	1.14E-06	1.62E-07	-5.43	6.2567307	-9.18E-02	88414271	88414394	NC_000010.10
ch.10.73329320R	1.14E-06	1.63E-07	-5.43	6.256166	-2.69E-02	73659314	73659437	NC_000010.10
cg08571304	1.14E-06	1.63E-07	-5.43	6.2558076	-1.21E-01	79669928	79670051	NC_000010.10
cg07673979	1.14E-06	1.63E-07	-5.43	6.255726	-1.55E-01	45270216	45270339	NC_000017.10
cg06015036	1.14E-06	1.63E-07	-5.43	6.2557231	-1.81E-02	32914618	32914741	NC_000011.9
cg27534772	1.14E-06	1.63E-07	-5.43	6.2555591	-7.97E-02	16042836	16042959	NC_000001.10
cg02000328	1.14E-06	1.63E-07	-5.43	6.2554358	-1.24E-01	15901917	15902040	NC_000016.9

cg15246719	1.14E-06	1.63E-07	-5.43	6.254987	-2.16E-02	36102254	36102377	NC_000017.10
cg04734784	1.15E-06	1.63E-07	-5.43	6.254129	-8.84E-02	75251087	75251210	NC_000017.10
cg27138002	1.15E-06	1.63E-07	-5.43	6.254091	-1.06E-01	46925381	46925504	NC_000002.11
cg24382527	1.15E-06	1.63E-07	-5.43	6.2537288	-1.04E-01	135090367	135090490	NC_000010.10
cg24531638	1.15E-06	1.63E-07	-5.43	6.2533088	-2.19E-02	36916323	36916446	NC_000001.10
cg22792862	1.15E-06	1.63E-07	-5.43	6.2529018	-6.90E-02	67827087	67827210	NC_000014.8
cg01342692	1.15E-06	1.63E-07	-5.43	6.252784	-1.94E-02	32832968	32833091	NC_000012.11
cg16459103	1.15E-06	1.63E-07	-5.43	6.2520351	-4.52E-02	75141846	75141969	NC_000011.9
cg19407023	1.15E-06	1.63E-07	-5.43	6.2520069	-1.10E-01	134610861	134610984	NC_000010.10
cg24182470	1.15E-06	1.63E-07	-5.43	6.2515055	-2.34E-02	39299844	39299967	NC_000012.11
cg22305258	1.15E-06	1.63E-07	-5.43	6.251278	-3.63E-02	4643367	4643490	NC_000017.10
cg14532344	1.15E-06	1.63E-07	-5.43	6.2512528	-1.11E-01	186211530	186211653	NC_000003.11
cg03920729	1.15E-06	1.63E-07	-5.43	6.2510014	-7.91E-02	16768195	16768318	NC_000001.10
cg14679230	1.15E-06	1.63E-07	-5.43	6.2508931	-6.04E-02	42931679	42931802	NC_000019.9
cg07199337	1.15E-06	1.63E-07	-5.43	6.2505477	-5.24E-02	20408536	20408659	NC_000011.9
cg09827761	1.15E-06	1.64E-07	-5.43	6.2504156	-1.81E-01	66947392	66947515	NC_000015.9
cg24760647	1.15E-06	1.64E-07	-5.43	6.2503934	-2.38E-02	220408209	220408332	NC_000002.11
cg27297033	1.15E-06	1.64E-07	-5.43	6.2499834	-1.07E-01	2031217	2031340	NC_000016.9
cg09174555	1.15E-06	1.64E-07	-5.43	6.2499283	-8.48E-02	153364020	153364143	NC_000001.10
cg21969795	1.15E-06	1.64E-07	-5.43	6.2497387	-8.98E-02	7759140	7759263	NC_000017.10
cg13571479	1.15E-06	1.64E-07	-5.43	6.2495932	-1.46E-01	2077345	2077468	NC_000007.13
cg17801864	1.15E-06	1.64E-07	-5.43	6.2495072	-1.16E-01	45179345	45179468	NC_000020.10
cg14355428	1.15E-06	1.64E-07	-5.43	6.2491101	-3.86E-02	91762876	91762999	NC_000007.13
cg26968025	1.15E-06	1.64E-07	-5.43	6.2490761	-1.38E-01	64519943	64520066	NC_000017.10
cg06861841	1.15E-06	1.64E-07	-5.43	6.2487877	-1.41E-01	62212114	62212237	NC_000011.9

cg02775617	1.15E-06	1.64E-07	-5.43	6.2485339	-4.11E-02	32217281	32217404	NC_000010.10
cg22162010	1.15E-06	1.64E-07	-5.43	6.2481679	-3.51E-02	113249994	113250117	NC_000001.10
cg19412663	1.15E-06	1.64E-07	-5.43	6.2477923	-1.22E-01	184679386	184679509	NC_000004.11
cg13883696	1.15E-06	1.64E-07	-5.43	6.2475649	-7.91E-02	61519888	61520011	NC_000001.10
cg19549171	1.15E-06	1.64E-07	-5.43	6.2470154	-9.20E-02	13515777	13515900	NC_000003.11
cg17191715	1.15E-06	1.64E-07	-5.43	6.246611	-8.16E-02	86290878	86291001	NC_000008.10
cg02858402	1.15E-06	1.64E-07	-5.43	6.2463855	-1.36E-01	204183519	204183642	NC_000001.10
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cg23395341	1.15E-06	1.64E-07	-5.43	6.2458055	-1.32E-01	141175075	141175198	NC_000007.13
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cg19191357	1.16E-06	1.65E-07	-5.43	6.2439932	-1.61E-02	42196520	42196643	NC_000022.10
cg19765451	1.16E-06	1.65E-07	-5.43	6.2429281	-5.75E-02	94702724	94702847	NC_000001.10
cg02192281	1.16E-06	1.65E-07	-5.43	6.2423533	-1.14E-01	48478591	48478714	NC_000013.10
cg12532653	1.16E-06	1.65E-07	-5.43	6.2421047	-3.61E-02	140090559	140090682	NC_000005.9
cg26330133	1.16E-06	1.65E-07	-5.43	6.2419015	-2.93E-02	35089838	35089961	NC_000020.10
cg08001592	1.16E-06	1.65E-07	-5.43	6.2415792	-1.82E-02	48350867	48350990	NC_000017.10
cg12908894	1.16E-06	1.65E-07	-5.43	6.2415788	-4.23E-02	21059481	21059604	NC_000001.10
cg16955499	1.16E-06	1.65E-07	-5.43	6.2415186	-3.45E-02	46766294	46766417	NC_000012.11
cg08768421	1.16E-06	1.65E-07	-5.43	6.2398126	-4.75E-02	74764504	74764627	NC_000009.11
cg18151012	1.16E-06	1.65E-07	-5.43	6.2393282	-1.43E-01	19600909	19601032	NC_000001.10
cg02243437	1.16E-06	1.65E-07	-5.43	6.2391382	-3.75E-02	61469599	61469722	NC_000010.10
cg10796099	1.16E-06	1.65E-07	-5.43	6.2388742	-3.30E-02	102594140	102594263	NC_000005.9

cg06149159	1.16E-06	1.66E-07	-5.43	6.2385826	-6.51E-02	7975374	7975497	NC_000006.11
cg19684668	1.16E-06	1.66E-07	-5.43	6.2380023	-9.34E-02	76290361	76290484	NC_000011.9
cg17340492	1.16E-06	1.66E-07	-5.43	6.2376775	-8.29E-02	3932951	3933074	NC_000019.9
cg23039660	1.16E-06	1.66E-07	-5.43	6.2375745	-2.06E-02	1005884	1006007	NC_000004.11
cg27051171	1.16E-06	1.66E-07	-5.43	6.2370921	-2.44E-02	7005923	7006046	NC_000002.11
cg08528778	1.16E-06	1.66E-07	-5.43	6.2369752	-1.08E-01	17634071	17634194	NC_000019.9
cg01096199	1.16E-06	1.66E-07	-5.43	6.2367656	-1.44E-01	90191045	90191168	NC_000014.8
cg15371509	1.16E-06	1.66E-07	-5.43	6.2362431	-1.12E-02	153700650	153700773	NC_000001.10
cg25196348	1.16E-06	1.66E-07	-5.43	6.235888	-6.59E-02	26985910	26986033	NC_000010.10
cg20281375	1.17E-06	1.66E-07	-5.43	6.235596	-9.50E-02	13946770	13946893	NC_000019.9
cg06829266	1.17E-06	1.66E-07	-5.43	6.2354551	-1.11E-01	446668	446791	NC_000016.9
cg13957558	1.17E-06	1.66E-07	-5.43	6.2354099	-1.73E-01	11435095	11435218	NC_000019.9
cg03466932	1.17E-06	1.66E-07	-5.43	6.2349439	-8.00E-03	26027575	26027698	NC_000006.11
cg16864139	1.17E-06	1.66E-07	-5.43	6.2348297	-1.47E-02	43864212	43864335	NC_000002.11
cg21217846	1.17E-06	1.66E-07	-5.43	6.2346775	-1.18E-01	153515539	153515662	NC_000001.10
cg27367526	1.17E-06	1.66E-07	-5.43	6.2343517	-7.94E-02	89841692	89841815	NC_000007.13
cg18434354	1.17E-06	1.66E-07	-5.43	6.2331815	-1.00E-01	121224009	121224132	NC_000002.11
cg22502001	1.17E-06	1.67E-07	-5.43	6.2325225	-8.56E-02	2360018	2360141	NC_000001.10
cg05349159	1.17E-06	1.67E-07	-5.43	6.2322988	-1.00E-01	247695328	247695451	NC_000001.10
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cg23661466	1.17E-06	1.67E-07	-5.43	6.2318886	-8.55E-02	63657173	63657296	NC_000010.10
cg08515989	1.17E-06	1.67E-07	-5.43	6.2296566	-1.28E-01	29912904	29913027	NC_000016.9
cg17868538	1.17E-06	1.67E-07	-5.43	6.2287277	-6.80E-02	25232874	25232997	NC_000006.11
cg12255818	1.17E-06	1.67E-07	-5.43	6.2280834	-5.52E-02	190628473	190628596	NC_000002.11
cg09800519	1.17E-06	1.67E-07	-5.43	6.2280137	-3.52E-02	137218286	137218409	NC_000009.11

cg16877339	1.17E-06	1.67E-07	-5.43	6.2274384	-7.57E-02	112151247	112151370	NC_000011.9
cg04755857	1.17E-06	1.67E-07	-5.43	6.2274075	-1.16E-01	5748162	5748285	NC_000004.11
cg16891968	1.18E-06	1.68E-07	-5.43	6.2257213	-9.59E-02	29698284	29698407	NC_000006.11
cg25162533	1.18E-06	1.68E-07	-5.43	6.2251562	-8.81E-02	81032067	81032190	NC_000017.10
cg25974617	1.18E-06	1.68E-07	-5.43	6.2240755	-7.51E-02	71520962	71521085	NC_000008.10
cg27242911	1.18E-06	1.68E-07	-5.43	6.2240476	-3.86E-02	74262420	74262543	NC_000010.10
cg20918243	1.18E-06	1.68E-07	-5.43	6.2233789	-1.32E-01	13030512	13030635	NC_000011.9
cg11201654	1.18E-06	1.68E-07	-5.43	6.223273	-1.26E-01	29690766	29690889	NC_000006.11
cg23258678	1.18E-06	1.68E-07	-5.43	6.2232228	-1.00E-01	200004095	200004218	NC_000001.10
cg00333193	1.18E-06	1.68E-07	-5.43	6.2230249	-6.54E-02	180673604	180673727	NC_000005.9
cg09956047	1.18E-06	1.68E-07	-5.43	6.2224507	-9.18E-02	1404834	1404957	NC_000016.9
cg17071181	1.18E-06	1.68E-07	-5.43	6.2222977	-4.42E-02	171757786	171757909	NC_000003.11
cg25483907	1.18E-06	1.68E-07	-5.43	6.2222042	-1.05E-01	41723017	41723140	NC_000003.11
cg11249902	1.18E-06	1.69E-07	-5.43	6.2209658	-6.17E-02	77783207	77783330	NC_000017.10
cg11736739	1.18E-06	1.69E-07	-5.43	6.2205057	-8.37E-02	143541867	143541990	NC_000008.10
cg08173915	1.18E-06	1.69E-07	-5.43	6.2204245	-8.21E-02	34774164	34774287	NC_000021.8
cg10030250	1.18E-06	1.69E-07	-5.43	6.220397	-9.91E-02	55540152	55540275	NC_000016.9
cg19337324	1.18E-06	1.69E-07	-5.43	6.2202052	-6.33E-02	62535704	62535827	NC_000015.9
cg09526343	1.18E-06	1.69E-07	-5.43	6.2200698	-4.02E-02	189485260	189485383	NC_000004.11
cg02386822	1.18E-06	1.69E-07	-5.43	6.2200377	-6.07E-02	155162871	155162994	NC_000001.10
cg16638769	1.18E-06	1.69E-07	-5.43	6.2193014	-8.64E-02	86185202	86185325	NC_000016.9
cg26487582	1.18E-06	1.69E-07	-5.43	6.2192708	-1.18E-01	25322200	25322323	NC_000004.11
cg07015424	1.18E-06	1.69E-07	-5.43	6.2187375	-1.10E-01	124360326	124360449	NC_000007.13
cg24109894	1.18E-06	1.69E-07	-5.43	6.2182368	-9.06E-02	36108212	36108335	NC_000001.10
cg03763077	1.18E-06	1.69E-07	-5.43	6.2182072	-3.74E-02	74231297	74231420	NC_000002.11

cg01129238	1.19E-06	1.69E-07	-5.43	6.217445	-1.36E-01	11779817	11779940	NC_000006.11
cg14553504	1.19E-06	1.69E-07	-5.43	6.2172436	-6.36E-02	169898657	169898780	NC_000003.11
ch.3.3371471R	1.19E-06	1.69E-07	-5.43	6.2160236	-6.45E-02	173127198	173127321	NC_000003.11
cg02550950	1.19E-06	1.69E-07	-5.43	6.2157705	-1.00E-01	197122104	197122227	NC_000002.11
cg11582017	1.19E-06	1.69E-07	-5.43	6.2156753	-4.10E-02	91414499	91414622	NC_000015.9
cg13303520	1.19E-06	1.70E-07	-5.43	6.214819	-8.43E-02	32856704	32856827	NC_000001.10
cg01049782	1.19E-06	1.70E-07	-5.43	6.2147323	-1.18E-01	30717954	30718077	NC_000007.13
cg05038209	1.19E-06	1.70E-07	-5.43	6.2146187	-1.90E-02	87426147	87426270	NC_000016.9
cg18369680	1.19E-06	1.70E-07	-5.43	6.2143308	-9.62E-02	41984014	41984137	NC_000020.10
cg27476482	1.19E-06	1.70E-07	-5.43	6.2141957	-9.79E-02	65150453	65150576	NC_000012.11
cg16080121	1.19E-06	1.70E-07	-5.43	6.2141185	-1.45E-02	37455366	37455489	NC_000004.11
cg05371711	1.19E-06	1.70E-07	-5.43	6.2130545	-2.03E-02	241506007	241506130	NC_000002.11
cg05839741	1.19E-06	1.70E-07	-5.43	6.2130062	-6.53E-02	42695625	42695748	NC_000006.11
cg13485889	1.19E-06	1.70E-07	-5.43	6.2129225	-2.01E-02	52188943	52189066	NC_000003.11
cg03909800	1.19E-06	1.70E-07	-5.43	6.212222	-9.63E-02	76458005	76458128	NC_000006.11
cg24091474	1.19E-06	1.70E-07	-5.43	6.2121979	-8.40E-02	36399185	36399308	NC_000019.9
cg25416149	1.19E-06	1.70E-07	-5.43	6.2115769	-7.58E-02	149488	149611	NC_000017.10
cg07876289	1.19E-06	1.71E-07	-5.42	6.2097516	-3.13E-02	43048696	43048819	NC_000010.10
cg27438128	1.19E-06	1.71E-07	-5.42	6.20954	-9.18E-02	43951555	43951678	NC_000010.10
ch.19.683370F	1.20E-06	1.71E-07	-5.42	6.2086413	-2.11E-02	16239180	16239303	NC_000019.9
cg05465916	1.20E-06	1.71E-07	-5.42	6.2070067	-7.69E-02	7819762	7819885	NC_000017.10
cg00564190	1.20E-06	1.71E-07	-5.42	6.2068909	-5.88E-02	16759509	16759632	NC_000012.11
cg10863145	1.20E-06	1.71E-07	-5.42	6.2067271	-8.67E-02	1217260	1217383	NC_000016.9
cg23786152	1.20E-06	1.71E-07	-5.42	6.2062261	-9.33E-02	105610562	105610685	NC_000010.10
cg05650680	1.20E-06	1.71E-07	-5.42	6.205745	-5.52E-02	1765217	1765340	NC_000008.10

cg15258416	1.20E-06	1.71E-07	-5.42	6.2052512	-1.44E-02	29297842	29297965	NC_000017.10
cg22825979	1.20E-06	1.71E-07	-5.42	6.205211	-2.46E-02	50571203	50571326	NC_000013.10
cg25104133	1.20E-06	1.71E-07	-5.42	6.2047628	-1.64E-02	178501588	178501711	NC_000001.10
cg07858728	1.20E-06	1.71E-07	-5.42	6.2046552	-7.35E-02	124319791	124319914	NC_000010.10
cg02062003	1.20E-06	1.71E-07	-5.42	6.2046076	-1.70E-02	117187060	117187183	NC_000011.9
cg07960084	1.20E-06	1.71E-07	-5.42	6.2043772	-1.20E-02	21117671	21117794	NC_000017.10
cg23484358	1.20E-06	1.72E-07	-5.42	6.2039418	-6.45E-02	196695320	196695443	NC_000003.11
cg00995284	1.20E-06	1.72E-07	-5.42	6.20373	-2.65E-02	231712865	231712988	NC_000002.11
cg14451791	1.20E-06	1.72E-07	-5.42	6.2035145	-9.20E-02	16040625	16040748	NC_000009.11
cg18003231	1.20E-06	1.72E-07	-5.42	6.2028575	-6.39E-02	18043745	18043868	NC_000022.10
cg27172893	1.20E-06	1.72E-07	-5.42	6.2024068	-2.68E-02	30882255	30882378	NC_000006.11
cg24484339	1.20E-06	1.72E-07	-5.42	6.202072	-3.35E-02	86157525	86157648	NC_000008.10
cg03337575	1.20E-06	1.72E-07	-5.42	6.201359	-1.13E-01	80716846	80716969	NC_000015.9
cg20272733	1.21E-06	1.72E-07	-5.42	6.2000693	-4.05E-02	47888144	47888267	NC_000003.11
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cg09582200	1.21E-06	1.73E-07	-5.42	6.1961524	-9.24E-02	117748236	117748359	NC_000011.9
cg05261702	1.21E-06	1.73E-07	-5.42	6.1959026	-6.77E-02	3574300	3574423	NC_000019.9
cg22757101	1.21E-06	1.73E-07	-5.42	6.1958127	-6.31E-02	3607136	3607259	NC_000019.9
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cg04958411	1.21E-06	1.73E-07	-5.42	6.1944589	-7.81E-02	77816711	77816834	NC_000017.10
cg26572165	1.21E-06	1.73E-07	-5.42	6.1937523	-1.16E-01	160807694	160807817	NC_000001.10



cg25215890	1.21E-06	1.74E-07	-5.42	6.1927372	-1.28E-01	160651452	160651575	NC_000001.10
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cg00507234	1.22E-06	1.74E-07	-5.42	6.1906846	-2.44E-02	5986979	5987102	NC_000020.10
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cg07945221	1.22E-06	1.74E-07	-5.42	6.1898058	-7.60E-02	810247	810370	NC_000016.9
cg09253316	1.22E-06	1.74E-07	-5.42	6.1896117	-1.50E-02	55007705	55007828	NC_000001.10
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cg15191795	1.22E-06	1.74E-07	-5.42	6.189119	-8.32E-02	8727474	8727597	NC_000004.11
cg22797169	1.22E-06	1.74E-07	-5.42	6.1885673	-1.16E-01	102803407	102803530	NC_000002.11
ch.3.2059622R	1.22E-06	1.74E-07	-5.42	6.1880398	-1.48E-02	103848004	103848127	NC_000003.11
cg00776917	1.22E-06	1.75E-07	-5.42	6.1871228	-1.20E-01	30691759	30691882	NC_000014.8
cg24828422	1.22E-06	1.75E-07	-5.42	6.1871111	-7.49E-02	99646755	99646878	NC_000003.11
cg16319142	1.22E-06	1.75E-07	-5.42	6.1868667	-1.49E-01	118629000	118629123	NC_000008.10
cg03912614	1.22E-06	1.75E-07	-5.42	6.1863472	-3.89E-02	33734751	33734874	NC_000020.10
cg00093095	1.22E-06	1.75E-07	-5.42	6.1861791	-9.48E-02	76481380	76481503	NC_000017.10
cg18971647	1.22E-06	1.75E-07	-5.42	6.1859423	-3.66E-02	83956927	83957050	NC_000004.11
cg13552736	1.22E-06	1.75E-07	-5.42	6.1857659	-2.24E-02	87354545	87354668	NC_000008.10
cg22123459	1.22E-06	1.75E-07	-5.42	6.1850596	-7.33E-02	25003499	25003622	NC_000022.10
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cg25080829	1.23E-06	1.75E-07	-5.42	6.1825865	-2.35E-02	70043844	70043967	NC_000010.10
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cg00201670	1.23E-06	1.76E-07	-5.42	6.1769605	-1.73E-02	46221900	46222023	NC_000021.8
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cg23428922	1.23E-06	1.77E-07	-5.42	6.1753137	-6.81E-02	56040601	56040724	NC_000012.11
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cg23873683	1.23E-06	1.77E-07	-5.42	6.1747776	-8.25E-02	37664088	37664211	NC_000014.8
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cg26035323	1.24E-06	1.77E-07	-5.42	6.1737688	-2.19E-02	44871156	44871279	NC_000001.10
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cg05616995	1.24E-06	1.77E-07	-5.42	6.17336	-1.10E-01	141393361	141393484	NC_000005.9
cg10671066	1.24E-06	1.77E-07	-5.42	6.1712267	-7.09E-02	160492861	160492984	NC_000001.10
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cg02411950	1.24E-06	1.78E-07	-5.42	6.1701978	-1.45E-02	127889025	127889148	NC_000008.10
cg12054453	1.24E-06	1.78E-07	-5.42	6.1697023	-5.53E-02	57915717	57915840	NC_000017.10
cg13456960	1.24E-06	1.78E-07	-5.42	6.169684	-1.52E-01	5139479	5139602	NC_000019.9
cg19906672	1.24E-06	1.78E-07	-5.42	6.1694973	-1.20E-01	6918868	6918991	NC_000004.11
cg07961715	1.24E-06	1.78E-07	-5.42	6.1688713	-8.27E-02	90456686	90456809	NC_000015.9
cg06610368	1.24E-06	1.78E-07	-5.42	6.1684414	-1.88E-02	86564371	86564494	NC_000005.9
cg16734981	1.24E-06	1.78E-07	-5.42	6.1673756	-1.52E-01	109259766	109259889	NC_000011.9
cg06285911	1.25E-06	1.78E-07	-5.42	6.1655816	-8.34E-02	14179364	14179487	NC_000018.9
cg00306905	1.25E-06	1.78E-07	-5.42	6.1653092	-3.39E-02	121356070	121356193	NC_000010.10
cg15772223	1.25E-06	1.79E-07	-5.42	6.1648191	-3.71E-02	159943466	159943589	NC_000003.11
cg00832555	1.25E-06	1.79E-07	-5.42	6.1647829	-9.08E-02	169529716	169529839	NC_000003.11
cg26738080	1.25E-06	1.79E-07	-5.42	6.1641176	-5.16E-02	52487733	52487856	NC_000003.11
cg27013848	1.25E-06	1.79E-07	-5.41	6.1636741	-3.04E-02	118572668	118572791	NC_000002.11
cg26187342	1.25E-06	1.79E-07	-5.41	6.1632936	-6.31E-02	65713858	65713981	NC_000017.10
cg08579070	1.25E-06	1.79E-07	-5.41	6.1628894	-1.78E-02	76210054	76210177	NC_000013.10
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cg13852093	1.25E-06	1.79E-07	-5.41	6.1616822	-7.91E-02	74770815	74770938	NC_000018.9
cg08905662	1.25E-06	1.79E-07	-5.41	6.1616656	-2.59E-02	102789948	102790071	NC_000007.13
cg24634009	1.25E-06	1.79E-07	-5.41	6.1616654	-1.28E-01	140554458	140554581	NC_000004.11
cg04113258	1.25E-06	1.79E-07	-5.41	6.161026	-9.86E-02	17527041	17527164	NC_000016.9
cg26059822	1.25E-06	1.79E-07	-5.41	6.1610047	-1.77E-02	51976165	51976288	NC_000003.11
cg16334795	1.25E-06	1.79E-07	-5.41	6.1603235	-1.03E-01	42538894	42539017	NC_000021.8
cg07588128	1.25E-06	1.79E-07	-5.41	6.1598605	-3.00E-02	23451327	23451450	NC_000014.8
cg08108868	1.25E-06	1.80E-07	-5.41	6.1591248	-7.43E-02	90920921	90921044	NC_000014.8
cg05815436	1.25E-06	1.80E-07	-5.41	6.1590617	-9.37E-02	20781165	20781288	NC_000013.10

cg07944445	1.25E-06	1.80E-07	-5.41	6.1589222	-7.43E-02	155006275	155006398	NC_000007.13
cg17140191	1.25E-06	1.80E-07	-5.41	6.1585227	-9.98E-02	98971627	98971750	NC_000007.13
cg18841653	1.25E-06	1.80E-07	-5.41	6.1584256	-7.34E-02	5046097	5046220	NC_000010.10
cg02673636	1.25E-06	1.80E-07	-5.41	6.1579722	-5.54E-02	109647056	109647179	NC_000001.10
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cg17961535	1.26E-06	1.80E-07	-5.41	6.1575792	-9.21E-02	172761367	172761490	NC_000005.9
cg06325889	1.26E-06	1.80E-07	-5.41	6.1569162	-6.27E-02	5042589	5042712	NC_000017.10
cg03958757	1.26E-06	1.80E-07	-5.41	6.1568537	-7.55E-02	222917998	222918121	NC_000002.11
cg12038298	1.26E-06	1.80E-07	-5.41	6.1562236	-9.99E-02	1951814	1951937	NC_000011.9
cg14734903	1.26E-06	1.80E-07	-5.41	6.1560511	-9.11E-02	123617366	123617489	NC_000011.9
cg17652424	1.26E-06	1.80E-07	-5.41	6.1551302	-8.94E-02	38574118	38574241	NC_000022.10
cg19530831	1.26E-06	1.80E-07	-5.41	6.1546453	-8.22E-02	76461805	76461928	NC_000014.8
cg01313358	1.26E-06	1.80E-07	-5.41	6.1546345	-7.08E-02	128841722	128841845	NC_000003.11
cg16493416	1.26E-06	1.80E-07	-5.41	6.1544658	-1.95E-02	100660494	100660617	NC_000007.13
cg24304318	1.26E-06	1.81E-07	-5.41	6.1541759	-9.39E-02	25827440	25827563	NC_000007.13
cg24156149	1.26E-06	1.81E-07	-5.41	6.1540216	-9.90E-02	197033988	197034111	NC_000002.11
cg00533835	1.26E-06	1.81E-07	-5.41	6.1536731	-1.27E-01	157659434	157659557	NC_000007.13
cg24721964	1.26E-06	1.81E-07	-5.41	6.1536032	-1.31E-01	150662697	150662820	NC_000003.11
cg01425405	1.26E-06	1.81E-07	-5.41	6.1535075	-2.65E-02	48072705	48072828	NC_000017.10
cg04891761	1.26E-06	1.81E-07	-5.41	6.1534274	-6.85E-02	1001973	1002096	NC_000001.10
cg00370227	1.26E-06	1.81E-07	-5.41	6.1531683	-7.72E-02	46947009	46947132	NC_000002.11
cg07817881	1.26E-06	1.81E-07	-5.41	6.1527461	-2.00E-02	57039556	57039679	NC_000012.11
cg27478579	1.26E-06	1.81E-07	-5.41	6.1516952	-9.55E-02	55497012	55497135	NC_000002.11
cg12806892	1.26E-06	1.81E-07	-5.41	6.1512906	-1.41E-01	113340341	113340464	NC_000012.11
cg06598753	1.26E-06	1.81E-07	-5.41	6.1500005	-5.89E-02	29139295	29139418	NC_000016.9

cg13868084	1.26E-06	1.81E-07	-5.41	6.1499726	-1.16E-01	86755504	86755627	NC_000009.11
cg13867039	1.27E-06	1.81E-07	-5.41	6.1492332	-8.34E-02	3159645	3159768	NC_000001.10
cg01723934	1.27E-06	1.82E-07	-5.41	6.1477143	-5.42E-02	46680461	46680584	NC_000017.10
cg12785643	1.27E-06	1.82E-07	-5.41	6.1466125	-2.38E-02	30523313	30523436	NC_000006.11
cg23598604	1.27E-06	1.82E-07	-5.41	6.1461251	-9.54E-02	99732472	99732595	NC_000001.10
cg19081759	1.27E-06	1.82E-07	-5.41	6.1457618	-2.44E-02	9771089	9771212	NC_000002.11
cg11847992	1.27E-06	1.82E-07	-5.41	6.1456833	-1.06E-01	95590917	95591040	NC_000005.9
cg13207333	1.27E-06	1.82E-07	-5.41	6.1454087	-4.56E-02	29974798	29974921	NC_000006.11
cg19158553	1.27E-06	1.82E-07	-5.41	6.1447074	-7.63E-02	5356471	5356594	NC_000001.10
cg24296484	1.27E-06	1.82E-07	-5.41	6.1444373	-4.20E-02	154298543	154298666	NC_000001.10
cg19251656	1.27E-06	1.82E-07	-5.41	6.1440868	-9.13E-02	100000372	100000495	NC_000001.10
cg27576683	1.27E-06	1.83E-07	-5.41	6.1429442	-3.98E-02	129948776	129948899	NC_000010.10
cg19549731	1.27E-06	1.83E-07	-5.41	6.1424844	-4.33E-02	53173497	53173620	NC_000014.8
cg05278204	1.27E-06	1.83E-07	-5.41	6.1418291	-5.76E-02	93476916	93477039	NC_000004.11
cg24863544	1.28E-06	1.83E-07	-5.41	6.1413229	-1.17E-01	67278779	67278902	NC_000011.9
cg05962106	1.28E-06	1.83E-07	-5.41	6.1410832	-8.49E-02	64329383	64329506	NC_000011.9
cg10367330	1.28E-06	1.83E-07	-5.41	6.1402184	-4.40E-02	29856194	29856317	NC_000016.9
cg14503636	1.28E-06	1.83E-07	-5.41	6.140133	-5.36E-02	113611556	113611679	NC_000013.10
cg04228553	1.28E-06	1.83E-07	-5.41	6.1400391	-2.19E-02	15247818	15247941	NC_000003.11
cg14941073	1.28E-06	1.83E-07	-5.41	6.139588	-4.58E-02	47654312	47654435	NC_000010.10
cg00982214	1.28E-06	1.84E-07	-5.41	6.1367759	-6.43E-02	202614080	202614203	NC_000001.10
cg18678185	1.28E-06	1.84E-07	-5.41	6.1366457	-5.60E-02	48895030	48895153	NC_000019.9
cg03926640	1.28E-06	1.84E-07	-5.41	6.1358994	-1.09E-01	79031376	79031499	NC_000017.10
cg17020337	1.28E-06	1.84E-07	-5.41	6.1358983	-3.75E-02	150076495	150076618	NC_000007.13
cg02492835	1.28E-06	1.84E-07	-5.41	6.1348484	-1.59E-01	245508613	245508736	NC_000001.10

cg13331936	1.28E-06	1.84E-07	-5.41	6.1344995	-2.94E-02	52417019	52417142	NC_000012.11
cg04313733	1.28E-06	1.84E-07	-5.41	6.1343328	-9.56E-02	22935344	22935467	NC_000007.13
cg26171469	1.28E-06	1.84E-07	-5.41	6.1342855	-4.58E-02	51307074	51307197	NC_000019.9
cg27621997	1.29E-06	1.85E-07	-5.41	6.1322909	-8.78E-02	60608634	60608757	NC_000011.9
cg26441372	1.29E-06	1.85E-07	-5.41	6.1317106	-1.15E-01	41120906	41121029	NC_000019.9
cg13054119	1.29E-06	1.85E-07	-5.41	6.1315504	-6.12E-02	38098935	38099058	NC_000001.10
cg03992168	1.29E-06	1.85E-07	-5.41	6.1308247	-8.38E-02	574244	574367	NC_000005.9
cg14818277	1.29E-06	1.85E-07	-5.41	6.1296546	-1.43E-01	41956427	41956550	NC_000007.13
cg15635480	1.29E-06	1.85E-07	-5.41	6.1291199	-5.90E-02	35090169	35090292	NC_000020.10
cg06595162	1.29E-06	1.85E-07	-5.41	6.1287925	-8.32E-02	40141040	40141163	NC_000021.8
cg02750065	1.29E-06	1.85E-07	-5.41	6.1285859	-6.87E-02	117155382	117155505	NC_000012.11
cg24640182	1.29E-06	1.85E-07	-5.41	6.1283524	-7.04E-02	32305068	32305191	NC_000006.11
cg00509249	1.29E-06	1.85E-07	-5.41	6.1279457	-8.45E-02	109615579	109615702	NC_000006.11
cg23055217	1.29E-06	1.86E-07	-5.41	6.1278416	-8.28E-02	49493865	49493988	NC_000008.10
cg20850016	1.29E-06	1.86E-07	-5.41	6.1270913	-4.39E-02	5165254	5165377	NC_000003.11
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cg09044981	1.29E-06	1.86E-07	-5.41	6.1256705	-1.20E-01	82827677	82827800	NC_000016.9
cg06460328	1.29E-06	1.86E-07	-5.41	6.1255415	-1.18E-01	89003037	89003160	NC_000016.9
cg24853975	1.29E-06	1.86E-07	-5.41	6.1254475	-9.90E-02	112666914	112667037	NC_000005.9
cg03188064	1.30E-06	1.86E-07	-5.41	6.1246903	-1.52E-01	122096667	122096790	NC_000012.11
cg18562121	1.30E-06	1.86E-07	-5.41	6.1245599	-1.35E-01	27076093	27076216	NC_000002.11
cg22758697	1.30E-06	1.86E-07	-5.41	6.1245316	-4.00E-02	51572216	51572339	NC_000010.10
cg06603851	1.30E-06	1.86E-07	-5.41	6.123918	-7.12E-02	1813772	1813895	NC_000005.9
cg17046756	1.30E-06	1.86E-07	-5.41	6.123098	-9.30E-02	1855851	1855974	NC_000011.9
cg00915858	1.30E-06	1.87E-07	-5.41	6.1225711	-6.42E-02	31154636	31154759	NC_000016.9

cg21846009	1.30E-06	1.87E-07	-5.41	6.122486	-8.78E-02	105053550	105053673	NC_000014.8
cg02385848	1.30E-06	1.87E-07	-5.41	6.1222967	-8.35E-02	166440066	166440189	NC_000006.11
cg06991974	1.30E-06	1.87E-07	-5.41	6.1218105	-1.09E-01	2984218	2984341	NC_000001.10
cg24884543	1.30E-06	1.87E-07	-5.41	6.1213125	-1.41E-01	77139072	77139195	NC_000018.9
cg18026235	1.30E-06	1.87E-07	-5.41	6.1212392	-9.73E-02	38549430	38549553	NC_000001.10
cg06658625	1.30E-06	1.87E-07	-5.41	6.1212161	-9.72E-02	21133553	21133676	NC_000022.10
cg15310278	1.30E-06	1.87E-07	-5.41	6.1210281	-2.12E-02	121148690	121148813	NC_000012.11
cg26232247	1.30E-06	1.87E-07	-5.41	6.1209536	-1.13E-01	19915716	19915839	NC_000020.10
cg19048371	1.30E-06	1.87E-07	-5.41	6.1203081	-4.30E-02	1137517	1137640	NC_000007.13
cg06380123	1.30E-06	1.87E-07	-5.41	6.1203064	-9.37E-02	51717978	51718101	NC_000012.11
cg16903217	1.30E-06	1.87E-07	-5.41	6.1197954	-6.03E-02	201915950	201916073	NC_000001.10
cg18551892	1.30E-06	1.87E-07	-5.41	6.1196967	-2.44E-02	86667149	86667272	NC_000011.9
cg17707493	1.30E-06	1.87E-07	-5.41	6.1195246	-8.37E-02	42222405	42222528	NC_000017.10
cg01108243	1.30E-06	1.87E-07	-5.41	6.1191752	-8.88E-02	57594267	57594390	NC_000020.10
cg23519812	1.30E-06	1.87E-07	-5.41	6.1190891	-3.68E-02	74036744	74036867	NC_000014.8
cg01977863	1.30E-06	1.87E-07	-5.41	6.118433	-7.24E-02	79167836	79167959	NC_000017.10
cg08498485	1.30E-06	1.87E-07	-5.41	6.1180938	-3.14E-02	49711383	49711506	NC_000003.11
cg12232388	1.30E-06	1.87E-07	-5.41	6.117604	-1.23E-01	125027851	125027974	NC_000012.11
cg26697117	1.31E-06	1.88E-07	-5.4	6.1141631	-1.06E-01	3820518	3820641	NC_000017.10
cg14741236	1.31E-06	1.88E-07	-5.4	6.1134725	-1.12E-01	171985354	171985477	NC_000005.9
cg24766104	1.31E-06	1.88E-07	-5.4	6.1129469	-2.60E-02	16309072	16309195	NC_000019.9
cg06497051	1.31E-06	1.88E-07	-5.4	6.11287	-7.57E-02	156261200	156261323	NC_000001.10
cg04592204	1.31E-06	1.89E-07	-5.4	6.112132	-1.50E-02	43965870	43965993	NC_000007.13
cg24119607	1.31E-06	1.89E-07	-5.4	6.1119301	-1.22E-01	139047739	139047862	NC_000005.9
cg07317843	1.31E-06	1.89E-07	-5.4	6.1116602	-1.43E-01	116307714	116307837	NC_000010.10

cg25091678	1.31E-06	1.89E-07	-5.4	6.1115997	-2.66E-02	150481409	150481532	NC_000003.11
cg00815177	1.31E-06	1.89E-07	-5.4	6.1113416	-3.90E-02	24791193	24791316	NC_000001.10
ch.1.422303F	1.31E-06	1.89E-07	-5.4	6.1112379	-4.03E-02	11358290	11358413	NC_000001.10
cg01373896	1.31E-06	1.89E-07	-5.4	6.1106133	-1.01E-01	1854724	1854847	NC_000019.9
cg21163444	1.31E-06	1.89E-07	-5.4	6.1099735	-9.14E-02	54765670	54765793	NC_000012.11
cg02447122	1.31E-06	1.89E-07	-5.4	6.1097794	-1.21E-02	25142523	25142646	NC_000002.11
cg07715395	1.31E-06	1.89E-07	-5.4	6.1096467	-9.17E-02	113512006	113512129	NC_000005.9
cg27250427	1.31E-06	1.89E-07	-5.4	6.1093776	-8.46E-02	1027695	1027818	NC_000006.11
cg06198069	1.31E-06	1.89E-07	-5.4	6.1089377	-1.27E-01	36151184	36151307	NC_000020.10
cg13054674	1.32E-06	1.89E-07	-5.4	6.1084374	-6.86E-02	147809658	147809781	NC_000001.10
cg10433390	1.32E-06	1.89E-07	-5.4	6.1072193	-8.85E-02	41434430	41434553	NC_000017.10
ch.1.4385290F	1.32E-06	1.90E-07	-5.4	6.1071345	-2.19E-02	224974190	224974313	NC_000001.10
cg24113950	1.32E-06	1.90E-07	-5.4	6.1067811	-8.66E-02	36577900	36578023	NC_000017.10
cg26353448	1.32E-06	1.90E-07	-5.4	6.1055813	-9.88E-02	248524236	248524359	NC_000001.10
cg06858263	1.32E-06	1.90E-07	-5.4	6.1055221	-7.94E-02	157148509	157148632	NC_000007.13
cg15656310	1.32E-06	1.90E-07	-5.4	6.1044623	-5.56E-02	85843042	85843165	NC_000002.11
cg00067126	1.32E-06	1.90E-07	-5.4	6.1041037	-1.79E-02	122493570	122493693	NC_000002.11
cg08196307	1.32E-06	1.90E-07	-5.4	6.1038792	-8.72E-02	73110457	73110580	NC_000014.8
cg23313031	1.32E-06	1.90E-07	-5.4	6.1038566	-4.30E-02	29974745	29974868	NC_000006.11
ch.6.2680060R	1.32E-06	1.90E-07	-5.4	6.1037515	-4.29E-02	139357863	139357986	NC_000006.11
cg16967434	1.32E-06	1.90E-07	-5.4	6.1023042	-1.15E-01	142240604	142240727	NC_000008.10
cg13981132	1.32E-06	1.91E-07	-5.4	6.1020634	-1.07E-01	76734493	76734616	NC_000014.8
cg21863207	1.32E-06	1.91E-07	-5.4	6.1018678	-2.47E-02	104234989	104235112	NC_000012.11
cg08129310	1.32E-06	1.91E-07	-5.4	6.1017859	-1.36E-01	95010029	95010152	NC_000012.11
cg15575700	1.32E-06	1.91E-07	-5.4	6.1017139	-5.33E-02	42072622	42072745	NC_000017.10



cg15882591	1.32E-06	1.91E-07	-5.4	6.1009663	-1.22E-01	21608557	21608680	NC_000013.10
cg14404318	1.32E-06	1.91E-07	-5.4	6.1009477	-6.49E-02	74538788	74538911	NC_000017.10
cg00737264	1.32E-06	1.91E-07	-5.4	6.1009339	-1.10E-01	169049498	169049621	NC_000006.11
cg03309938	1.32E-06	1.91E-07	-5.4	6.1009013	-6.64E-02	122930448	122930571	NC_000011.9
cg18325160	1.33E-06	1.91E-07	-5.4	6.1006517	-1.83E-02	193311041	193311164	NC_000003.11
cg16401465	1.33E-06	1.91E-07	-5.4	6.1006422	-8.07E-02	63809170	63809293	NC_000010.10
cg01377200	1.33E-06	1.91E-07	-5.4	6.1005118	-8.13E-02	184938316	184938439	NC_000004.11
cg10960354	1.33E-06	1.91E-07	-5.4	6.0995012	-1.17E-01	195536834	195536957	NC_000003.11
cg05395156	1.33E-06	1.91E-07	-5.4	6.0990241	-8.92E-02	75631701	75631824	NC_000010.10
cg03946034	1.33E-06	1.91E-07	-5.4	6.098987	-1.15E-02	91885274	91885397	NC_000014.8
cg18944786	1.33E-06	1.91E-07	-5.4	6.0986553	-3.88E-02	54813119	54813242	NC_000012.11
cg23120601	1.33E-06	1.91E-07	-5.4	6.0981973	-7.84E-02	40583227	40583350	NC_000015.9
cg24281422	1.33E-06	1.92E-07	-5.4	6.0964	-1.24E-02	67976473	67976596	NC_000008.10
cg11479419	1.33E-06	1.92E-07	-5.4	6.0962929	-1.40E-01	129979292	129979415	NC_000010.10
cg07596819	1.33E-06	1.92E-07	-5.4	6.0959898	-9.92E-02	184922382	184922505	NC_000004.11
cg23826980	1.33E-06	1.92E-07	-5.4	6.0957235	-1.12E-01	562848	562971	NC_000012.11
cg23846712	1.33E-06	1.92E-07	-5.4	6.0954084	-1.04E-01	3607608	3607731	NC_000019.9
ch.16.779861F	1.33E-06	1.92E-07	-5.4	6.0936817	-4.78E-02	25550771	25550894	NC_000016.9
cg20662858	1.33E-06	1.92E-07	-5.4	6.0931225	-5.17E-02	235166931	235167054	NC_000002.11
cg10712476	1.34E-06	1.92E-07	-5.4	6.0924036	-1.10E-01	95163986	95164109	NC_000001.10
cg17594004	1.34E-06	1.93E-07	-5.4	6.0915652	-6.90E-02	183247132	183247255	NC_000004.11
cg23375783	1.34E-06	1.93E-07	-5.4	6.0911634	-2.17E-02	73008576	73008699	NC_000017.10
cg22761551	1.34E-06	1.93E-07	-5.4	6.0908419	-2.83E-02	175875380	175875503	NC_000005.9
cg08790004	1.34E-06	1.93E-07	-5.4	6.0903856	-2.16E-02	28962265	28962388	NC_000016.9
cg14322403	1.34E-06	1.93E-07	-5.4	6.0902555	-3.59E-02	57123418	57123541	NC_000008.10

cg18548362	1.34E-06	1.93E-07	-5.4	6.0893604	-2.11E-02	1857197	1857320	NC_000004.11
cg03245590	1.34E-06	1.93E-07	-5.4	6.0888923	-1.13E-01	15329459	15329582	NC_000011.9
cg03018163	1.34E-06	1.93E-07	-5.4	6.088229	-7.08E-02	49016627	49016750	NC_000019.9
cg01246520	1.34E-06	1.93E-07	-5.4	6.0881137	-1.77E-01	17644344	17644467	NC_000017.10
cg02826233	1.34E-06	1.93E-07	-5.4	6.0877276	-8.78E-02	56365894	56366017	NC_000012.11
cg01982835	1.34E-06	1.93E-07	-5.4	6.0873763	-1.08E-01	34995278	34995401	NC_000020.10
cg00717080	1.34E-06	1.93E-07	-5.4	6.0873289	-1.32E-01	44483604	44483727	NC_000021.8
cg00686926	1.34E-06	1.93E-07	-5.4	6.0871711	-6.52E-02	141514782	141514905	NC_000003.11
cg05399115	1.34E-06	1.94E-07	-5.4	6.0860964	-3.15E-02	46607760	46607883	NC_000003.11
cg10095801	1.34E-06	1.94E-07	-5.4	6.0851683	-1.04E-01	33785988	33786111	NC_000021.8
cg24049468	1.35E-06	1.94E-07	-5.4	6.0848935	-1.30E-01	65615281	65615404	NC_000001.10
cg02896515	1.35E-06	1.94E-07	-5.4	6.0846169	-1.29E-01	46645968	46646091	NC_000001.10
cg11184109	1.35E-06	1.94E-07	-5.4	6.0845735	-1.23E-01	53164962	53165085	NC_000003.11
cg09421020	1.35E-06	1.94E-07	-5.4	6.0842906	-2.05E-02	19303389	19303512	NC_000019.9
cg15357075	1.35E-06	1.94E-07	-5.4	6.0839619	-1.08E-01	123325095	123325218	NC_000011.9
cg02486145	1.35E-06	1.94E-07	-5.4	6.0824532	-9.93E-02	38334178	38334301	NC_000002.11
cg13983182	1.35E-06	1.94E-07	-5.4	6.0822446	-8.78E-02	130853333	130853456	NC_000009.11
cg04484126	1.35E-06	1.95E-07	-5.4	6.08078	-7.44E-02	65839403	65839526	NC_000007.13
cg23369364	1.35E-06	1.95E-07	-5.4	6.0798686	-8.67E-02	238406478	238406601	NC_000002.11
cg19609242	1.35E-06	1.95E-07	-5.4	6.0796257	-8.08E-02	38845762	38845885	NC_000005.9
cg10229594	1.35E-06	1.95E-07	-5.4	6.0792469	-1.59E-01	5277188	5277311	NC_000007.13
cg23279691	1.35E-06	1.95E-07	-5.4	6.0783377	-1.24E-02	12848510	12848633	NC_000019.9
cg26651810	1.35E-06	1.95E-07	-5.4	6.0780896	-1.08E-01	53851122	53851245	NC_000016.9
cg02861733	1.35E-06	1.95E-07	-5.4	6.0776528	-4.50E-02	153930593	153930716	NC_000001.10
cg26023748	1.35E-06	1.95E-07	-5.4	6.0775632	-1.17E-01	54515151	54515274	NC_000010.10

cg10422709	1.36E-06	1.95E-07	-5.4	6.0771703	-9.65E-02	53083978	53084101	NC_000015.9
ch.7.88141140F	1.36E-06	1.95E-07	-5.4	6.0770477	-2.43E-02	88303204	88303327	NC_000007.13
cg15123499	1.36E-06	1.95E-07	-5.4	6.0770383	-7.91E-02	636241	636364	NC_000010.10
cg20059881	1.36E-06	1.96E-07	-5.4	6.0762153	-8.58E-02	56655821	56655944	NC_000012.11
cg05657709	1.36E-06	1.96E-07	-5.4	6.0753797	-8.49E-02	121742496	121742619	NC_000003.11
cg17851657	1.36E-06	1.96E-07	-5.4	6.074853	-5.81E-02	99680296	99680419	NC_000007.13
cg22030684	1.36E-06	1.96E-07	-5.4	6.073174	-3.76E-02	40781708	40781831	NC_000001.10
cg01720616	1.36E-06	1.96E-07	-5.4	6.0724918	-1.26E-01	16101713	16101836	NC_000007.13
ch.2.4679874R	1.36E-06	1.96E-07	-5.4	6.0724722	-2.47E-02	233430461	233430584	NC_000002.11
cg15980707	1.36E-06	1.97E-07	-5.4	6.0719381	-1.21E-01	113348722	113348845	NC_000013.10
cg21820394	1.36E-06	1.97E-07	-5.4	6.0712187	-1.32E-01	77444372	77444495	NC_000014.8
cg01813334	1.36E-06	1.97E-07	-5.4	6.0709023	-3.18E-02	2394150	2394273	NC_000007.13
cg09584650	1.36E-06	1.97E-07	-5.4	6.0703588	-1.31E-01	2002012	2002135	NC_000008.10
cg06620117	1.37E-06	1.97E-07	-5.39	6.0697674	-1.05E-01	23818150	23818273	NC_000003.11
cg26274946	1.37E-06	1.97E-07	-5.39	6.0686345	-5.21E-02	124220856	124220979	NC_000010.10
cg00380930	1.37E-06	1.97E-07	-5.39	6.0685725	-1.06E-01	182443989	182444112	NC_000003.11
cg19152518	1.37E-06	1.97E-07	-5.39	6.0684466	-2.76E-02	31743857	31743980	NC_000012.11
cg11744767	1.37E-06	1.97E-07	-5.39	6.0682054	-1.04E-01	2907672	2907795	NC_000011.9
cg26218982	1.37E-06	1.97E-07	-5.39	6.0678587	-8.56E-02	55028756	55028879	NC_000012.11
cg01361361	1.37E-06	1.97E-07	-5.39	6.0676121	-1.00E-01	188618380	188618503	NC_000003.11
cg23889021	1.37E-06	1.97E-07	-5.39	6.0675216	-3.96E-02	219264573	219264696	NC_000002.11
cg27402634	1.37E-06	1.97E-07	-5.39	6.0673963	-1.17E-01	156536860	156536983	NC_000003.11
cg08467643	1.37E-06	1.98E-07	-5.39	6.0670044	-6.20E-02	183890761	183890884	NC_000003.11
cg13946806	1.37E-06	1.98E-07	-5.39	6.0669907	-8.41E-02	41969562	41969685	NC_000001.10
cg01942863	1.37E-06	1.98E-07	-5.39	6.0666225	-6.07E-02	99769432	99769555	NC_000007.13

cg06577708	1.37E-06	1.98E-07	-5.39	6.0665727	-2.36E-02	64008893	64009016	NC_000003.11
cg18541581	1.37E-06	1.98E-07	-5.39	6.0662617	-6.39E-02	21905982	21906105	NC_000014.8
cg05468843	1.37E-06	1.98E-07	-5.39	6.0659344	-1.20E-01	117857990	117858113	NC_000011.9
cg16403912	1.37E-06	1.98E-07	-5.39	6.0656437	-2.53E-02	23104730	23104853	NC_000008.10
cg07008591	1.37E-06	1.98E-07	-5.39	6.0652761	-1.11E-01	12809661	12809784	NC_000011.9
cg11335436	1.37E-06	1.98E-07	-5.39	6.0641418	-1.53E-02	66360554	66360677	NC_000011.9
cg24025538	1.37E-06	1.98E-07	-5.39	6.0636513	-1.02E-01	50364499	50364622	NC_000019.9
cg04530460	1.37E-06	1.98E-07	-5.39	6.0626496	-1.36E-02	42858550	42858673	NC_000006.11
cg26334558	1.38E-06	1.99E-07	-5.39	6.0618357	-1.39E-01	51794933	51795056	NC_000012.11
cg10042178	1.38E-06	1.99E-07	-5.39	6.0599506	-2.10E-02	87794589	87794712	NC_000001.10
cg00099091	1.38E-06	1.99E-07	-5.39	6.0598307	-2.86E-02	776809	776932	NC_000016.9
cg06866400	1.38E-06	1.99E-07	-5.39	6.0591359	-1.57E-02	143771904	143772027	NC_000006.11
cg27641628	1.38E-06	1.99E-07	-5.39	6.0586011	-2.46E-02	134833031	134833154	NC_000007.13
cg21405705	1.38E-06	1.99E-07	-5.39	6.057969	-2.91E-02	69260653	69260776	NC_000014.8
cg08836861	1.38E-06	1.99E-07	-5.39	6.0575263	-1.29E-01	69757867	69757990	NC_000016.9
cg07573020	1.38E-06	1.99E-07	-5.39	6.0573292	-9.46E-02	14707001	14707124	NC_000005.9
cg00864474	1.38E-06	2.00E-07	-5.39	6.0566935	-1.14E-01	9143838	9143961	NC_000017.10
cg23588384	1.38E-06	2.00E-07	-5.39	6.0562274	-1.20E-01	144684634	144684757	NC_000008.10
cg24802835	1.38E-06	2.00E-07	-5.39	6.0556217	-1.08E-01	184922406	184922529	NC_000004.11
cg18564053	1.39E-06	2.00E-07	-5.39	6.0544674	-5.88E-02	6303793	6303916	NC_000001.10
cg04639905	1.39E-06	2.00E-07	-5.39	6.0539485	-1.08E-01	95772721	95772844	NC_000005.9
cg27350307	1.39E-06	2.00E-07	-5.39	6.0537227	-1.05E-01	8567502	8567625	NC_000019.9
cg24382178	1.39E-06	2.00E-07	-5.39	6.0537076	-8.34E-02	2066397	2066520	NC_000004.11
cg00411411	1.39E-06	2.00E-07	-5.39	6.0536879	-9.18E-02	103455165	103455288	NC_000010.10
cg01300852	1.39E-06	2.00E-07	-5.39	6.0533547	-1.16E-01	166955885	166956008	NC_000006.11

cg18739367	1.39E-06	2.00E-07	-5.39	6.0529951	-8.65E-02	38330740	38330863	NC_000008.10
cg13038685	1.39E-06	2.00E-07	-5.39	6.0527389	-1.12E-01	77504478	77504601	NC_000014.8
cg01996714	1.39E-06	2.01E-07	-5.39	6.0523389	-7.17E-02	3220839	3220962	NC_000020.10
ch.4.132387F	1.39E-06	2.01E-07	-5.39	6.0516464	-1.12E-02	3219399	3219522	NC_000004.11
cg04794183	1.39E-06	2.01E-07	-5.39	6.051558	-8.56E-02	54410510	54410633	NC_000012.11
cg17524151	1.39E-06	2.01E-07	-5.39	6.0515082	-7.23E-02	475494	475617	NC_000016.9
cg01942023	1.39E-06	2.01E-07	-5.39	6.0514146	-7.58E-02	189837928	189838051	NC_000002.11
cg12899889	1.39E-06	2.01E-07	-5.39	6.0513594	-5.05E-02	83352362	83352485	NC_000004.11
cg13326581	1.39E-06	2.01E-07	-5.39	6.0512975	-2.33E-02	154265534	154265657	NC_000004.11
cg09296742	1.39E-06	2.01E-07	-5.39	6.0509117	-5.86E-02	85779929	85780052	NC_000014.8
cg14768519	1.39E-06	2.01E-07	-5.39	6.0508339	-1.41E-01	79870056	79870179	NC_000017.10
cg05208812	1.39E-06	2.01E-07	-5.39	6.0508086	-2.11E-02	48785326	48785449	NC_000017.10
cg04474277	1.39E-06	2.01E-07	-5.39	6.0507752	-9.49E-02	134376946	134377069	NC_000007.13
cg05059605	1.39E-06	2.01E-07	-5.39	6.0507267	-2.35E-02	129245568	129245691	NC_000011.9
cg05628625	1.39E-06	2.01E-07	-5.39	6.0504941	-6.26E-02	3148810	3148933	NC_000001.10
cg02331450	1.39E-06	2.01E-07	-5.39	6.0496152	-1.28E-02	33155354	33155477	NC_000003.11
cg16136840	1.39E-06	2.01E-07	-5.39	6.0484121	-1.93E-02	95997740	95997863	NC_000005.9
cg11075561	1.39E-06	2.01E-07	-5.39	6.0482008	-1.16E-01	36088380	36088503	NC_000006.11
cg11570347	1.39E-06	2.01E-07	-5.39	6.0480522	-3.29E-02	99850390	99850513	NC_000004.11
cg20483719	1.39E-06	2.02E-07	-5.39	6.0472298	-6.22E-02	114799652	114799775	NC_000013.10
cg13937817	1.39E-06	2.02E-07	-5.39	6.0472197	-8.87E-02	72134749	72134872	NC_000009.11
cg11409205	1.39E-06	2.02E-07	-5.39	6.0471343	-5.23E-02	48357772	48357895	NC_000012.11
cg03687650	1.40E-06	2.02E-07	-5.39	6.0468498	-9.28E-02	3144685	3144808	NC_000011.9
cg09010904	1.40E-06	2.02E-07	-5.39	6.0467814	-2.62E-02	51573036	51573159	NC_000003.11
ch.12.19627204F	1.40E-06	2.02E-07	-5.39	6.046657	-3.04E-02	19735937	19736060	NC_000012.11

cg04174986	1.40E-06	2.02E-07	-5.39	6.0465292	-3.66E-02	30468155	30468278	NC_000020.10
cg04233521	1.40E-06	2.02E-07	-5.39	6.0463431	-1.22E-01	27743080	27743203	NC_000001.10
cg20592075	1.40E-06	2.02E-07	-5.39	6.0457986	-1.04E-01	45921668	45921791	NC_000007.13
cg15385623	1.40E-06	2.02E-07	-5.39	6.0456311	-3.06E-02	24536309	24536432	NC_000003.11
cg20201639	1.40E-06	2.02E-07	-5.39	6.0450729	-8.93E-03	86388914	86389037	NC_000006.11
cg20689054	1.40E-06	2.02E-07	-5.39	6.0449466	-2.64E-02	153457152	153457275	NC_000004.11
cg02660440	1.40E-06	2.02E-07	-5.39	6.0438463	-7.78E-02	10928233	10928356	NC_000019.9
cg15280188	1.40E-06	2.03E-07	-5.39	6.0417737	-1.57E-02	79934854	79934977	NC_000017.10
cg13978902	1.40E-06	2.03E-07	-5.39	6.0415905	-1.03E-01	26120728	26120851	NC_000006.11
cg16622651	1.40E-06	2.03E-07	-5.39	6.0415601	-1.14E-01	76724431	76724554	NC_000006.11
cg13255216	1.40E-06	2.03E-07	-5.39	6.0406883	-5.89E-02	26625047	26625170	NC_000002.11
cg19715167	1.40E-06	2.03E-07	-5.39	6.0405476	-8.07E-02	97785444	97785567	NC_000010.10
cg04011470	1.40E-06	2.03E-07	-5.39	6.040188	-8.67E-02	22079330	22079453	NC_000008.10
cg04851352	1.40E-06	2.03E-07	-5.39	6.0398765	-5.12E-02	124169118	124169241	NC_000008.10
cg25216704	1.40E-06	2.03E-07	-5.39	6.039838	-1.24E-01	3485393	3485516	NC_000004.11
cg04670913	1.41E-06	2.03E-07	-5.39	6.0393264	-3.16E-02	69139822	69139945	NC_000012.11
cg11361262	1.41E-06	2.03E-07	-5.39	6.0390515	-6.34E-02	86116777	86116900	NC_000002.11
cg00486280	1.41E-06	2.04E-07	-5.39	6.0372637	-8.18E-02	34988869	34988992	NC_000015.9
cg13756273	1.41E-06	2.04E-07	-5.39	6.0366178	-5.90E-02	57594513	57594636	NC_000020.10
cg26120756	1.41E-06	2.04E-07	-5.39	6.0359692	-2.74E-02	125551131	125551254	NC_000008.10
cg10405333	1.41E-06	2.04E-07	-5.39	6.0357612	-5.84E-02	28516138	28516261	NC_000021.8
cg15135773	1.41E-06	2.04E-07	-5.39	6.0340532	-9.98E-02	4308372	4308495	NC_000007.13
cg10367724	1.41E-06	2.04E-07	-5.39	6.0338954	-7.30E-02	2537209	2537332	NC_000004.11
cg14433217	1.41E-06	2.04E-07	-5.39	6.0335899	-2.16E-02	89419725	89419848	NC_000010.10
cg22811818	1.41E-06	2.04E-07	-5.39	6.0334569	-4.73E-02	9439389	9439512	NC_000003.11

cg06179485	1.42E-06	2.05E-07	-5.39	6.0322766	-5.97E-02	33367401	33367524	NC_000001.10
cg26697605	1.42E-06	2.05E-07	-5.39	6.0313207	-1.11E-01	1850801	1850924	NC_000007.13
cg00387117	1.42E-06	2.05E-07	-5.39	6.0308027	-8.43E-02	105105844	105105967	NC_000003.11
cg25103895	1.42E-06	2.05E-07	-5.39	6.0298783	-5.87E-02	64565642	64565765	NC_000010.10
cg02879081	1.42E-06	2.05E-07	-5.39	6.0293	-1.09E-01	102500684	102500807	NC_000014.8
cg27579805	1.42E-06	2.05E-07	-5.39	6.0288244	-1.03E-01	76101307	76101430	NC_000017.10
cg06312813	1.42E-06	2.06E-07	-5.39	6.028373	-5.40E-02	74964493	74964616	NC_000004.11
cg00652942	1.42E-06	2.06E-07	-5.39	6.0281826	-4.05E-02	170847313	170847436	NC_000005.9
cg24998981	1.42E-06	2.06E-07	-5.39	6.0278004	-9.14E-02	77441810	77441933	NC_000018.9
cg22629853	1.42E-06	2.06E-07	-5.39	6.0277784	-7.55E-02	30638455	30638578	NC_000010.10
cg24028634	1.42E-06	2.06E-07	-5.39	6.0273367	-1.88E-01	113584107	113584230	NC_000013.10
cg07990843	1.42E-06	2.06E-07	-5.39	6.025622	-9.11E-02	25676201	25676324	NC_000017.10
cg13748577	1.42E-06	2.06E-07	-5.39	6.0250728	-2.15E-02	148787770	148787893	NC_000007.13
cg11228480	1.42E-06	2.06E-07	-5.39	6.0250531	-3.85E-02	133066511	133066634	NC_000012.11
cg11690983	1.43E-06	2.06E-07	-5.39	6.0248706	-9.19E-02	29211119	29211242	NC_000001.10
cg19350469	1.43E-06	2.06E-07	-5.39	6.0245718	-9.74E-02	15704453	15704576	NC_000004.11
cg17489562	1.43E-06	2.06E-07	-5.39	6.0240571	-1.02E-01	68038953	68039076	NC_000014.8
cg27379109	1.43E-06	2.07E-07	-5.39	6.0232188	-5.78E-02	74907287	74907410	NC_000005.9
cg15470102	1.43E-06	2.07E-07	-5.38	6.0208744	-1.19E-01	1507119	1507242	NC_000011.9
cg13230386	1.43E-06	2.07E-07	-5.38	6.0206047	-1.21E-02	131241653	131241776	NC_000007.13
cg19444690	1.43E-06	2.07E-07	-5.38	6.0199992	-1.68E-02	31620253	31620376	NC_000006.11
cg02445395	1.43E-06	2.07E-07	-5.38	6.0198717	-1.52E-01	157659455	157659578	NC_000007.13
cg00718261	1.43E-06	2.08E-07	-5.38	6.0188843	-1.07E-01	1787944	1788067	NC_000007.13
cg03682117	1.43E-06	2.08E-07	-5.38	6.0184104	-2.33E-02	116581829	116581952	NC_000010.10
cg19155007	1.43E-06	2.08E-07	-5.38	6.0180394	-2.37E-02	183543564	183543687	NC_000003.11

cg06875660	1.43E-06	2.08E-07	-5.38	6.0177249	-1.95E-02	85040134	85040257	NC_000001.10
cg23281369	1.44E-06	2.08E-07	-5.38	6.017241	-1.62E-02	91933285	91933408	NC_000009.11
cg16636468	1.44E-06	2.08E-07	-5.38	6.0168656	-9.06E-02	78800574	78800697	NC_000017.10
cg08331960	1.44E-06	2.08E-07	-5.38	6.0167218	-5.11E-02	2076597	2076720	NC_000016.9
cg11443888	1.44E-06	2.08E-07	-5.38	6.0164674	-8.78E-02	44244590	44244713	NC_000006.11
cg25329844	1.44E-06	2.09E-07	-5.38	6.0141185	-4.82E-02	118015865	118015988	NC_000011.9
cg22804000	1.44E-06	2.09E-07	-5.38	6.012501	-1.28E-01	24797691	24797814	NC_000007.13
cg17285883	1.44E-06	2.09E-07	-5.38	6.0120445	-7.53E-02	17896290	17896413	NC_000001.10
cg14466709	1.44E-06	2.09E-07	-5.38	6.0110654	-5.62E-02	95087590	95087713	NC_000009.11
ch.10.2774258R	1.44E-06	2.09E-07	-5.38	6.0108019	-1.45E-02	129113226	129113349	NC_000010.10
cg20796999	1.44E-06	2.09E-07	-5.38	6.0105798	-1.10E-01	75390097	75390220	NC_000017.10
cg15716373	1.45E-06	2.09E-07	-5.38	6.0101059	-8.16E-02	36655542	36655665	NC_000022.10
cg02349578	1.45E-06	2.10E-07	-5.38	6.0096732	-5.89E-02	41877870	41877993	NC_000015.9
cg07937803	1.45E-06	2.10E-07	-5.38	6.0096448	-1.20E-01	3569036	3569159	NC_000019.9
cg21102709	1.45E-06	2.10E-07	-5.38	6.0092607	-2.08E-02	74723400	74723523	NC_000017.10
cg02255801	1.45E-06	2.10E-07	-5.38	6.0091125	-5.58E-02	3665189	3665312	NC_000001.10
ch.2.119267486F	1.45E-06	2.10E-07	-5.38	6.0081418	-1.93E-02	119551016	119551139	NC_000002.11
cg13011104	1.45E-06	2.10E-07	-5.38	6.0077517	-3.74E-02	47151589	47151712	NC_000010.10
cg23045371	1.45E-06	2.10E-07	-5.38	6.0075304	-4.57E-02	105155760	105155883	NC_000014.8
cg14266999	1.45E-06	2.10E-07	-5.38	6.0073306	-4.17E-02	33240388	33240511	NC_000006.11
cg23365135	1.45E-06	2.10E-07	-5.38	6.0069072	-9.73E-02	525684	525807	NC_000007.13
cg03404742	1.45E-06	2.10E-07	-5.38	6.0068105	-1.02E-01	58314575	58314698	NC_000016.9
cg10091408	1.45E-06	2.10E-07	-5.38	6.0066488	-1.16E-01	35183637	35183760	NC_000017.10
cg09633240	1.45E-06	2.10E-07	-5.38	6.0056797	-9.15E-02	18135667	18135790	NC_000016.9
cg01627594	1.45E-06	2.10E-07	-5.38	6.0056047	-8.54E-02	159241461	159241584	NC_000006.11



ch.3.994724R	1.45E-06	2.10E-07	-5.38	6.0055994	-2.77E-02	47736700	47736823	NC_000003.11
cg20037470	1.45E-06	2.11E-07	-5.38	6.0047911	-2.25E-02	30185765	30185888	NC_000017.10
cg17958798	1.45E-06	2.11E-07	-5.38	6.0043629	-4.80E-02	7200008	7200131	NC_000017.10
cg14247325	1.45E-06	2.11E-07	-5.38	6.004225	-1.23E-01	36501687	36501810	NC_000013.10
cg18426477	1.45E-06	2.11E-07	-5.38	6.0037187	-8.21E-02	48764504	48764627	NC_000017.10
cg05762769	1.45E-06	2.11E-07	-5.38	6.0035366	-7.31E-02	18985610	18985733	NC_000021.8
cg27365701	1.46E-06	2.11E-07	-5.38	6.002655	-1.21E-01	89744150	89744273	NC_000012.11
cg09179084	1.46E-06	2.11E-07	-5.38	6.0023491	-1.09E-01	114516368	114516491	NC_000005.9
cg09644562	1.46E-06	2.11E-07	-5.38	6.0012805	-8.16E-02	140141165	140141288	NC_000006.11
cg09919982	1.46E-06	2.11E-07	-5.38	6.0011753	-4.83E-02	3451216	3451339	NC_000004.11
cg26538140	1.46E-06	2.11E-07	-5.38	6.0008681	-1.06E-01	6996791	6996914	NC_000012.11
cg06622199	1.46E-06	2.11E-07	-5.38	6.0006849	-7.68E-02	75422925	75423048	NC_000017.10
cg22014491	1.46E-06	2.12E-07	-5.38	6.0005583	-1.06E-01	160777888	160778011	NC_000004.11
cg02790691	1.46E-06	2.12E-07	-5.38	6.0003395	-1.16E-01	32289550	32289673	NC_000018.9
cg12157440	1.46E-06	2.12E-07	-5.38	6.0003213	-7.40E-02	46173208	46173331	NC_000021.8
cg13346872	1.46E-06	2.12E-07	-5.38	5.9997119	-8.94E-02	29395076	29395199	NC_000010.10
cg20758492	1.46E-06	2.12E-07	-5.38	5.9983973	-8.49E-02	78520239	78520362	NC_000017.10
cg13164675	1.46E-06	2.12E-07	-5.38	5.9972772	-7.35E-02	74735479	74735602	NC_000015.9
cg03380406	1.46E-06	2.12E-07	-5.38	5.9968465	-2.41E-02	114393978	114394101	NC_000009.11
cg23033158	1.46E-06	2.12E-07	-5.38	5.996439	-1.20E-01	117573066	117573189	NC_000003.11
cg02256546	1.46E-06	2.12E-07	-5.38	5.9963758	-6.81E-02	26582380	26582503	NC_000017.10
cg14970340	1.47E-06	2.12E-07	-5.38	5.9960885	-3.06E-02	27677001	27677124	NC_000012.11
cg20787903	1.47E-06	2.13E-07	-5.38	5.9958244	-3.74E-02	30278994	30279117	NC_000022.10
cg00017842	1.47E-06	2.13E-07	-5.38	5.9946197	-1.15E-01	119528421	119528544	NC_000002.11
cg08426733	1.47E-06	2.13E-07	-5.38	5.9943393	-5.39E-02	1376740	1376863	NC_000001.10

cg17366378	1.47E-06	2.13E-07	-5.38	5.9942413	-2.24E-02	45458906	45459029	NC_000015.9
cg24054898	1.47E-06	2.13E-07	-5.38	5.9938404	-1.06E-01	148721868	148721991	NC_000003.11
cg02269083	1.47E-06	2.13E-07	-5.38	5.9932982	-7.44E-02	56296607	56296730	NC_000018.9
cg07715909	1.47E-06	2.13E-07	-5.38	5.9930994	-5.53E-02	1750738	1750861	NC_000011.9
cg20306180	1.47E-06	2.13E-07	-5.38	5.9930365	-2.56E-02	32340197	32340320	NC_000022.10
cg08856920	1.47E-06	2.14E-07	-5.38	5.9903166	-2.07E-02	143771642	143771765	NC_000006.11
cg06630241	1.47E-06	2.14E-07	-5.38	5.9902928	-1.64E-01	93967711	93967834	NC_000012.11
cg01458683	1.47E-06	2.14E-07	-5.38	5.990278	-3.35E-02	76112187	76112310	NC_000013.10
cg22150661	1.47E-06	2.14E-07	-5.38	5.9897242	-1.14E-01	104032860	104032983	NC_000008.10
cg14844130	1.47E-06	2.14E-07	-5.38	5.9896572	-1.01E-01	22598937	22599060	NC_000022.10
cg19886951	1.47E-06	2.14E-07	-5.38	5.9895604	-2.64E-02	41522854	41522977	NC_000015.9
cg23741759	1.48E-06	2.14E-07	-5.38	5.9889889	-8.31E-02	86959046	86959169	NC_000010.10
cg23013931	1.48E-06	2.14E-07	-5.38	5.9881478	-1.50E-02	41214857	41214980	NC_000022.10
cg05280133	1.48E-06	2.14E-07	-5.38	5.9877985	-7.08E-02	45670068	45670191	NC_000015.9
cg25044876	1.48E-06	2.14E-07	-5.38	5.9869166	-1.14E-01	43041146	43041269	NC_000022.10
cg09233156	1.48E-06	2.14E-07	-5.38	5.9869136	-1.41E-01	96531769	96531892	NC_000015.9
cg17890298	1.48E-06	2.15E-07	-5.38	5.9867964	-9.93E-02	44330621	44330744	NC_000020.10
cg12222588	1.48E-06	2.15E-07	-5.38	5.9867808	-1.39E-01	34823808	34823931	NC_000018.9
cg22654949	1.48E-06	2.15E-07	-5.38	5.9862452	-1.08E-01	49198516	49198639	NC_000019.9
cg20630740	1.48E-06	2.15E-07	-5.38	5.9856379	-8.67E-02	107354612	107354735	NC_000013.10
cg24715412	1.48E-06	2.15E-07	-5.38	5.9854972	-1.38E-01	184922571	184922694	NC_000004.11
cg23493412	1.48E-06	2.15E-07	-5.38	5.9851495	-1.12E-01	63491688	63491811	NC_000017.10
cg21989399	1.48E-06	2.15E-07	-5.38	5.9844597	-3.26E-02	52535730	52535853	NC_000006.11
cg27226949	1.48E-06	2.15E-07	-5.38	5.9840291	-3.62E-02	107187177	107187300	NC_000013.10
cg25321854	1.48E-06	2.15E-07	-5.38	5.9838759	-1.05E-01	6916835	6916958	NC_000018.9

cg05689582	1.48E-06	2.15E-07	-5.38	5.9837566	-7.96E-02	232457587	232457710	NC_000002.11
cg25680916	1.48E-06	2.15E-07	-5.38	5.9825286	-2.61E-02	53916015	53916138	NC_000003.11
cg25265126	1.48E-06	2.15E-07	-5.38	5.9824642	-9.55E-02	113891507	113891630	NC_000002.11
cg00819788	1.49E-06	2.16E-07	-5.38	5.9817662	-1.10E-01	7308579	7308702	NC_000017.10
cg15335525	1.49E-06	2.16E-07	-5.38	5.9815075	-2.26E-02	68816274	68816397	NC_000011.9
cg12221864	1.49E-06	2.16E-07	-5.38	5.981438	-2.94E-02	29127558	29127681	NC_000002.11
cg04560689	1.49E-06	2.16E-07	-5.38	5.9811333	-3.96E-02	75165732	75165855	NC_000011.9
cg00044354	1.49E-06	2.16E-07	-5.38	5.9804259	-7.93E-02	67389884	67390007	NC_000001.10
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cg00465319	1.49E-06	2.16E-07	-5.38	5.9790843	-8.43E-02	123339568	123339691	NC_000003.11
cg14089512	1.49E-06	2.16E-07	-5.38	5.9781533	-2.31E-02	102106757	102106880	NC_000010.10
cg04026699	1.49E-06	2.17E-07	-5.38	5.9776551	-6.62E-02	28834513	28834636	NC_000006.11
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cg19904905	1.49E-06	2.17E-07	-5.38	5.9763996	-1.18E-01	49469667	49469790	NC_000019.9
cg20175760	1.49E-06	2.17E-07	-5.38	5.9763671	-1.61E-02	125486985	125487108	NC_000008.10
cg16722001	1.49E-06	2.17E-07	-5.38	5.9763023	-1.13E-01	75771490	75771613	NC_000010.10
cg14945182	1.49E-06	2.17E-07	-5.37	5.975374	-5.69E-02	3012879	3013002	NC_000011.9
cg12302830	1.49E-06	2.17E-07	-5.37	5.9750407	-3.54E-02	33297742	33297865	NC_000020.10
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cg06812278	1.50E-06	2.18E-07	-5.37	5.9730428	-3.05E-02	200992475	200992598	NC_000001.10
cg26477221	1.50E-06	2.18E-07	-5.37	5.9730256	-1.40E-02	13702163	13702286	NC_000010.10
cg06213626	1.50E-06	2.18E-07	-5.37	5.9726907	-8.82E-02	153586168	153586291	NC_000001.10
cg10477989	1.50E-06	2.18E-07	-5.37	5.9723233	-2.21E-02	68039601	68039724	NC_000011.9
cg01885859	1.50E-06	2.18E-07	-5.37	5.9722207	-1.89E-02	153569823	153569946	NC_000005.9
cg05756178	1.50E-06	2.18E-07	-5.37	5.9717985	-1.76E-02	111805385	111805508	NC_000003.11

cg01838317	1.50E-06	2.18E-07	-5.37	5.9707203	-1.41E-02	55369861	55369984	NC_000014.8
cg19587280	1.50E-06	2.18E-07	-5.37	5.9706088	-8.43E-02	18770726	18770849	NC_000019.9
cg21416706	1.50E-06	2.18E-07	-5.37	5.9700405	-8.94E-02	22609324	22609447	NC_000001.10
cg21234471	1.50E-06	2.19E-07	-5.37	5.9687991	-1.27E-01	92023797	92023920	NC_000009.11
cg07171527	1.51E-06	2.19E-07	-5.37	5.9677577	-1.31E-01	8377844	8377967	NC_000001.10
cg25446191	1.51E-06	2.19E-07	-5.37	5.9676561	-1.53E-01	170077545	170077668	NC_000003.11
cg12061021	1.51E-06	2.19E-07	-5.37	5.9670451	-2.57E-02	95699574	95699697	NC_000001.10
cg00059652	1.51E-06	2.19E-07	-5.37	5.9670046	-1.03E-01	67605498	67605621	NC_000017.10
cg12127149	1.51E-06	2.19E-07	-5.37	5.9669305	-9.49E-02	102487020	102487143	NC_000014.8
cg07161061	1.51E-06	2.19E-07	-5.37	5.9668173	-1.00E-01	133057193	133057316	NC_000012.11
cg04025675	1.51E-06	2.19E-07	-5.37	5.966282	-6.32E-02	45671028	45671151	NC_000015.9
cg07821496	1.51E-06	2.19E-07	-5.37	5.9656462	-2.08E-02	151762942	151763065	NC_000001.10
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cg04517258	1.51E-06	2.19E-07	-5.37	5.9653563	-1.08E-01	144094955	144095078	NC_000008.10
cg07787666	1.51E-06	2.19E-07	-5.37	5.9650236	-8.79E-02	135059289	135059412	NC_000010.10
cg09859596	1.51E-06	2.19E-07	-5.37	5.9650163	-8.77E-02	21868624	21868747	NC_000001.10
cg01572891	1.51E-06	2.19E-07	-5.37	5.9647836	-1.08E-01	4184354	4184477	NC_000007.13
cg14437534	1.51E-06	2.20E-07	-5.37	5.9633388	-7.41E-02	64065031	64065154	NC_000011.9
cg09830866	1.51E-06	2.20E-07	-5.37	5.9628657	-8.54E-02	771714	771837	NC_000016.9
cg01773692	1.51E-06	2.20E-07	-5.37	5.961246	-1.33E-02	46693348	46693471	NC_000022.10
cg05595691	1.52E-06	2.20E-07	-5.37	5.9604373	-2.91E-02	224821967	224822090	NC_000002.11
cg00559845	1.52E-06	2.21E-07	-5.37	5.9595903	-5.07E-02	134213821	134213944	NC_000011.9
cg18850929	1.52E-06	2.21E-07	-5.37	5.9593399	-7.64E-02	1828978	1829101	NC_000019.9
cg02622032	1.52E-06	2.21E-07	-5.37	5.9590573	-4.89E-02	133702899	133703022	NC_000005.9
cg19184963	1.52E-06	2.21E-07	-5.37	5.958813	-1.53E-02	50708639	50708762	NC_000022.10

cg05469934	1.52E-06	2.21E-07	-5.37	5.9580128	-7.43E-02	566467	566590	NC_000007.13
cg19091291	1.52E-06	2.21E-07	-5.37	5.9577144	-1.28E-01	219444794	219444917	NC_000001.10
cg21053323	1.52E-06	2.21E-07	-5.37	5.9572532	-1.05E-01	46237385	46237508	NC_000021.8
cg04545963	1.52E-06	2.21E-07	-5.37	5.9572099	-6.66E-02	35872393	35872516	NC_000014.8
cg27058763	1.52E-06	2.21E-07	-5.37	5.9571014	-6.42E-02	72411400	72411523	NC_000011.9
cg05514072	1.52E-06	2.21E-07	-5.37	5.9570926	-5.61E-02	32021276	32021399	NC_000006.11
cg05260886	1.52E-06	2.21E-07	-5.37	5.9568928	-6.27E-02	91854239	91854362	NC_000014.8
cg07218647	1.52E-06	2.21E-07	-5.37	5.9563944	-9.07E-02	121338498	121338621	NC_000002.11
cg14839087	1.52E-06	2.21E-07	-5.37	5.9561412	-1.24E-01	73928348	73928471	NC_000002.11
cg18369654	1.52E-06	2.22E-07	-5.37	5.9555589	-1.05E-01	145417038	145417161	NC_000001.10
cg00459898	1.52E-06	2.22E-07	-5.37	5.9552349	-9.85E-02	241912309	241912432	NC_000002.11
cg26263477	1.52E-06	2.22E-07	-5.37	5.9550825	-2.29E-02	1039863	1039986	NC_000019.9
cg06660522	1.52E-06	2.22E-07	-5.37	5.9549622	-1.30E-01	211725112	211725235	NC_000001.10
cg25484319	1.52E-06	2.22E-07	-5.37	5.9546912	-4.52E-02	68162304	68162427	NC_000014.8
cg24674304	1.52E-06	2.22E-07	-5.37	5.9542151	-5.39E-02	44903063	44903186	NC_000003.11
cg16392865	1.53E-06	2.22E-07	-5.37	5.9540994	-4.42E-02	42893443	42893566	NC_000006.11
cg03627880	1.53E-06	2.22E-07	-5.37	5.9531943	-4.69E-02	151815985	151816108	NC_000006.11
cg10485752	1.53E-06	2.22E-07	-5.37	5.952521	-1.37E-01	26021655	26021778	NC_000001.10
cg18142940	1.53E-06	2.22E-07	-5.37	5.9525079	-8.21E-02	156594108	156594231	NC_000001.10
cg23244761	1.53E-06	2.22E-07	-5.37	5.952475	-1.51E-01	161796850	161796973	NC_000006.11
cg20201177	1.53E-06	2.22E-07	-5.37	5.9516048	-1.07E-01	6162780	6162903	NC_000010.10
cg04003615	1.53E-06	2.23E-07	-5.37	5.9512732	-6.72E-02	179486382	179486505	NC_000005.9
ch.10.47925130F	1.53E-06	2.23E-07	-5.37	5.9508779	-2.04E-02	48305124	48305247	NC_000010.10
cg06443973	1.53E-06	2.23E-07	-5.37	5.9508391	-3.38E-02	105501904	105502027	NC_000012.11
cg09422291	1.53E-06	2.23E-07	-5.37	5.950435	-5.86E-02	7586940	7587063	NC_000019.9

cg20824939	1.53E-06	2.23E-07	-5.37	5.9487755	-1.57E-01	205255082	205255205	NC_000001.10
cg00479718	1.53E-06	2.23E-07	-5.37	5.948743	-1.27E-01	691761	691884	NC_000007.13
cg07057670	1.54E-06	2.23E-07	-5.37	5.9473581	-3.26E-02	185000824	185000947	NC_000003.11
cg13917151	1.54E-06	2.23E-07	-5.37	5.9471748	-1.05E-01	27730185	27730308	NC_000001.10
cg23634401	1.54E-06	2.24E-07	-5.37	5.9462678	-9.89E-02	58521438	58521561	NC_000015.9
cg02189738	1.54E-06	2.24E-07	-5.37	5.9459417	-8.25E-02	104639890	104640013	NC_000014.8
cg10643271	1.54E-06	2.24E-07	-5.37	5.9458014	-1.07E-01	129309330	129309453	NC_000012.11
cg21776403	1.54E-06	2.24E-07	-5.37	5.945255	-3.48E-02	174961197	174961320	NC_000005.9
cg16822035	1.54E-06	2.24E-07	-5.37	5.9445888	-1.01E-01	113633379	113633502	NC_000013.10
cg06385449	1.54E-06	2.24E-07	-5.37	5.944544	-1.28E-01	63974123	63974246	NC_000011.9
cg22803285	1.54E-06	2.24E-07	-5.37	5.9441064	-9.23E-02	25335583	25335706	NC_000022.10
cg23259289	1.54E-06	2.24E-07	-5.37	5.9434483	-8.32E-02	12888154	12888277	NC_000017.10
cg00387090	1.54E-06	2.24E-07	-5.37	5.9434082	-1.08E-01	201615401	201615524	NC_000001.10
cg15252948	1.54E-06	2.24E-07	-5.37	5.9432341	-2.17E-02	42698594	42698717	NC_000008.10
cg22708112	1.54E-06	2.24E-07	-5.37	5.9431816	-1.02E-01	57883392	57883515	NC_000015.9
cg00561775	1.54E-06	2.24E-07	-5.37	5.9431724	-1.14E-01	1159805	1159928	NC_000016.9
cg08373187	1.54E-06	2.24E-07	-5.37	5.9429844	-8.22E-02	134912048	134912171	NC_000005.9
cg02122525	1.54E-06	2.24E-07	-5.37	5.9427817	-6.62E-02	242801252	242801375	NC_000002.11
cg10442549	1.54E-06	2.24E-07	-5.37	5.9427301	-1.07E-01	230818260	230818383	NC_000001.10
cg00946491	1.54E-06	2.25E-07	-5.37	5.9424575	-6.55E-02	33760517	33760640	NC_000013.10
cg20621200	1.54E-06	2.25E-07	-5.37	5.9416929	-8.92E-02	94883516	94883639	NC_000011.9
cg06358191	1.54E-06	2.25E-07	-5.37	5.9416239	-9.35E-02	1227138	1227261	NC_000001.10
cg13817265	1.54E-06	2.25E-07	-5.37	5.941114	-8.57E-02	24104357	24104480	NC_000012.11
cg10257521	1.54E-06	2.25E-07	-5.37	5.9409749	-4.86E-02	1903828	1903951	NC_000011.9
cg09145690	1.54E-06	2.25E-07	-5.37	5.9407378	-9.94E-02	142053957	142054080	NC_000008.10

cg20136738	1.54E-06	2.25E-07	-5.37	5.9405761	-2.16E-02	231114860	231114983	NC_000001.10
cg14431361	1.55E-06	2.25E-07	-5.37	5.9403534	-7.62E-02	70611386	70611509	NC_000017.10
cg19128113	1.55E-06	2.25E-07	-5.37	5.9400517	-1.34E-01	174439300	174439423	NC_000004.11
cg04724720	1.55E-06	2.25E-07	-5.37	5.9398411	-1.60E-02	65640939	65641062	NC_000011.9
cg20946037	1.55E-06	2.25E-07	-5.37	5.9393625	-8.44E-02	150582344	150582467	NC_000001.10
cg21126183	1.55E-06	2.25E-07	-5.37	5.9388404	-4.50E-02	34371529	34371652	NC_000012.11
cg20282814	1.55E-06	2.25E-07	-5.37	5.9387886	-1.12E-01	43423072	43423195	NC_000001.10
cg07372500	1.55E-06	2.26E-07	-5.37	5.9381291	-5.08E-02	177367013	177367136	NC_000005.9
cg26528298	1.55E-06	2.26E-07	-5.37	5.9378321	-1.06E-01	112375206	112375329	NC_000006.11
cg00294550	1.55E-06	2.26E-07	-5.37	5.9375677	-1.23E-01	62144786	62144909	NC_000010.10
cg22264436	1.55E-06	2.26E-07	-5.37	5.9372429	-9.00E-02	41836423	41836546	NC_000017.10
cg07857404	1.55E-06	2.26E-07	-5.37	5.9367573	-2.66E-02	33378502	33378625	NC_000006.11
cg14402224	1.55E-06	2.26E-07	-5.37	5.936675	-6.13E-02	50570049	50570172	NC_000007.13
cg16361867	1.55E-06	2.26E-07	-5.37	5.9356263	-9.78E-02	120581355	120581478	NC_000011.9
cg10061235	1.55E-06	2.26E-07	-5.37	5.9347438	-2.76E-02	4768697	4768820	NC_000007.13
cg04190037	1.55E-06	2.26E-07	-5.37	5.934114	-1.30E-01	113105962	113106085	NC_000013.10
cg05093836	1.55E-06	2.27E-07	-5.37	5.9340508	-3.26E-02	30594590	30594713	NC_000006.11
cg19738281	1.55E-06	2.27E-07	-5.37	5.9340208	-1.16E-01	30939684	30939807	NC_000019.9
cg08265418	1.55E-06	2.27E-07	-5.37	5.9336944	-2.06E-02	134123803	134123926	NC_000011.9
cg07231005	1.56E-06	2.27E-07	-5.37	5.9332872	-3.75E-02	58668634	58668757	NC_000011.9
cg09225162	1.56E-06	2.27E-07	-5.37	5.9328097	-9.23E-02	56757806	56757929	NC_000015.9
cg17987982	1.56E-06	2.27E-07	-5.37	5.9327898	-1.07E-01	158820591	158820714	NC_000007.13
cg21760363	1.56E-06	2.27E-07	-5.37	5.9327469	-9.91E-02	167835467	167835590	NC_000003.11
cg10469659	1.56E-06	2.27E-07	-5.37	5.9326282	-8.18E-02	51057714	51057837	NC_000015.9
cg03688058	1.56E-06	2.27E-07	-5.37	5.9321349	-3.57E-02	89840708	89840831	NC_000007.13

cg10122050	1.56E-06	2.27E-07	-5.37	5.9318515	-7.27E-02	106059062	106059185	NC_000010.10
cg10015830	1.56E-06	2.27E-07	-5.37	5.9314045	-6.86E-02	228727869	228727992	NC_000002.11
cg06868098	1.56E-06	2.27E-07	-5.37	5.9308943	-7.57E-02	58773623	58773746	NC_000001.10
ch.12.2571969F	1.56E-06	2.27E-07	-5.37	5.9303004	-4.19E-02	122873956	122874079	NC_000012.11
cg07274522	1.56E-06	2.27E-07	-5.37	5.930279	-5.09E-02	124019284	124019407	NC_000012.11
cg13536107	1.56E-06	2.27E-07	-5.37	5.9302789	-7.69E-02	153437193	153437316	NC_000004.11
cg26378179	1.56E-06	2.27E-07	-5.37	5.9297967	-1.28E-01	87477349	87477472	NC_000014.8
cg13977583	1.56E-06	2.28E-07	-5.37	5.9289685	-6.23E-02	129567043	129567166	NC_000009.11
cg04114197	1.56E-06	2.28E-07	-5.36	5.9278624	-2.21E-02	129765616	129765739	NC_000011.9
cg15150550	1.56E-06	2.28E-07	-5.36	5.9276794	-9.19E-02	223174905	223175028	NC_000001.10
cg13625403	1.56E-06	2.28E-07	-5.36	5.9275051	-1.09E-01	120008510	120008633	NC_000011.9
cg03734402	1.56E-06	2.28E-07	-5.36	5.926901	-3.23E-02	6265417	6265540	NC_000001.10
cg21037314	1.57E-06	2.28E-07	-5.36	5.926193	-1.69E-02	23487440	23487563	NC_000022.10
cg24163263	1.57E-06	2.29E-07	-5.36	5.92548	-1.25E-01	107335632	107335755	NC_000013.10
cg00292087	1.57E-06	2.29E-07	-5.36	5.9253741	-1.78E-02	142138611	142138734	NC_000008.10
cg22667358	1.57E-06	2.29E-07	-5.36	5.9252235	-9.54E-02	3171146	3171269	NC_000010.10
cg01897944	1.57E-06	2.29E-07	-5.36	5.9251428	-1.22E-01	67633729	67633852	NC_000017.10
cg20522104	1.57E-06	2.29E-07	-5.36	5.9249995	-8.51E-02	83251615	83251738	NC_000011.9
cg07451886	1.57E-06	2.29E-07	-5.36	5.9249113	-8.17E-02	3097405	3097528	NC_000016.9
ch.20.437154R	1.57E-06	2.29E-07	-5.36	5.9244794	-7.95E-03	20495441	20495564	NC_000020.10
cg23009327	1.57E-06	2.29E-07	-5.36	5.9242938	-7.72E-02	1630248	1630371	NC_000019.9
cg09366145	1.57E-06	2.29E-07	-5.36	5.9235038	-1.60E-02	31763873	31763996	NC_000006.11
cg22987011	1.57E-06	2.29E-07	-5.36	5.9233049	-1.11E-01	75753776	75753899	NC_000005.9
cg19963856	1.57E-06	2.29E-07	-5.36	5.9221776	-1.64E-01	33759573	33759696	NC_000017.10
cg23561979	1.57E-06	2.29E-07	-5.36	5.9217372	-1.50E-01	42329535	42329658	NC_000002.11



cg02390801	1.57E-06	2.29E-07	-5.36	5.9213589	-8.07E-02	74528565	74528688	NC_000015.9
cg23079702	1.57E-06	2.30E-07	-5.36	5.9207049	-9.65E-02	1394909	1395032	NC_000011.9
cg21544931	1.57E-06	2.30E-07	-5.36	5.9201592	-7.23E-02	36474744	36474867	NC_000011.9
cg25886382	1.58E-06	2.30E-07	-5.36	5.9198114	-4.12E-02	26760664	26760787	NC_000013.10
cg20870752	1.58E-06	2.30E-07	-5.36	5.9197138	-7.30E-02	11016942	11017065	NC_000007.13
cg22691746	1.58E-06	2.30E-07	-5.36	5.9195625	-7.80E-02	76381450	76381573	NC_000011.9
cg14472251	1.58E-06	2.30E-07	-5.36	5.9194607	-3.99E-02	55493991	55494114	NC_000014.8
cg03313364	1.58E-06	2.30E-07	-5.36	5.9190882	-1.01E-01	40440904	40441027	NC_000017.10
cg26307820	1.58E-06	2.30E-07	-5.36	5.9187991	-8.06E-03	180617633	180617756	NC_000005.9
cg05403817	1.58E-06	2.30E-07	-5.36	5.9176721	-5.84E-02	3228616	3228739	NC_000020.10
cg25840210	1.58E-06	2.30E-07	-5.36	5.9171688	-2.79E-02	45152287	45152410	NC_000013.10
cg06408053	1.58E-06	2.31E-07	-5.36	5.9170167	-1.06E-01	100680681	100680804	NC_000010.10
cg09914444	1.58E-06	2.31E-07	-5.36	5.9168559	-9.35E-02	46972183	46972306	NC_000001.10
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cg20494553	1.58E-06	2.31E-07	-5.36	5.916214	-3.28E-02	71554112	71554235	NC_000004.11
cg22118655	1.58E-06	2.31E-07	-5.36	5.9158304	-4.05E-02	37823656	37823779	NC_000022.10
cg21797718	1.58E-06	2.31E-07	-5.36	5.915727	-7.88E-02	34024416	34024539	NC_000006.11
cg06102602	1.58E-06	2.31E-07	-5.36	5.9156277	-1.42E-01	96895446	96895569	NC_000012.11
cg01106303	1.58E-06	2.31E-07	-5.36	5.9154595	-4.73E-02	67899264	67899387	NC_000016.9
cg06506598	1.58E-06	2.31E-07	-5.36	5.9137927	-2.75E-02	79783889	79784012	NC_000005.9
cg18413025	1.59E-06	2.31E-07	-5.36	5.9132788	-1.03E-01	169418081	169418204	NC_000004.11
cg00503866	1.59E-06	2.32E-07	-5.36	5.9127454	-1.04E-01	39546656	39546779	NC_000001.10
cg24012925	1.59E-06	2.32E-07	-5.36	5.9120103	-4.98E-02	633418	633541	NC_000020.10
cg08838779	1.59E-06	2.32E-07	-5.36	5.9119373	-8.87E-02	94411006	94411129	NC_000008.10
cg18437839	1.59E-06	2.32E-07	-5.36	5.9117117	-7.56E-02	201445713	201445836	NC_000001.10

cg20112500	1.59E-06	2.32E-07	-5.36	5.9109773	-1.11E-01	31021744	31021867	NC_000006.11
cg07907564	1.59E-06	2.32E-07	-5.36	5.910773	-3.56E-02	73589340	73589463	NC_000007.13
cg22391718	1.59E-06	2.32E-07	-5.36	5.9097524	-1.00E-01	110326285	110326408	NC_000001.10
cg04886703	1.59E-06	2.32E-07	-5.36	5.9097075	-1.18E-01	45250266	45250389	NC_000001.10
cg21752270	1.59E-06	2.32E-07	-5.36	5.9095336	-7.54E-02	2813528	2813651	NC_000011.9
cg14823389	1.59E-06	2.32E-07	-5.36	5.9091744	-5.19E-02	101398152	101398275	NC_000007.13
cg20806264	1.59E-06	2.33E-07	-5.36	5.9078086	-6.11E-02	47005728	47005851	NC_000001.10
cg08133496	1.59E-06	2.33E-07	-5.36	5.9076273	-6.25E-02	44116911	44117034	NC_000011.9
cg09425611	1.59E-06	2.33E-07	-5.36	5.9072232	-8.40E-02	55868370	55868493	NC_000016.9
cg16881960	1.59E-06	2.33E-07	-5.36	5.9071918	-9.88E-02	17338842	17338965	NC_000017.10
cg07089783	1.60E-06	2.33E-07	-5.36	5.9064442	-5.33E-02	31607955	31608078	NC_000010.10
cg14552010	1.60E-06	2.33E-07	-5.36	5.9062316	-1.14E-01	100327369	100327492	NC_000002.11
cg22857141	1.60E-06	2.33E-07	-5.36	5.9060265	-7.05E-02	123707481	123707604	NC_000005.9
cg10359235	1.60E-06	2.33E-07	-5.36	5.9059749	-5.79E-02	12135470	12135593	NC_000016.9
cg25808892	1.60E-06	2.33E-07	-5.36	5.9057775	-1.91E-02	6459352	6459475	NC_000017.10
cg02491717	1.60E-06	2.33E-07	-5.36	5.9057507	-2.18E-02	151171662	151171785	NC_000001.10
cg14623917	1.60E-06	2.33E-07	-5.36	5.9053859	-6.69E-02	132271548	132271671	NC_000006.11
cg13947513	1.60E-06	2.33E-07	-5.36	5.9048213	-3.22E-02	172824551	172824674	NC_000004.11
cg04108127	1.60E-06	2.33E-07	-5.36	5.9046306	-4.74E-02	222885781	222885904	NC_000001.10
cg16914035	1.60E-06	2.34E-07	-5.36	5.9043113	-7.75E-02	76018489	76018612	NC_000006.11
cg14428628	1.60E-06	2.34E-07	-5.36	5.9042073	-9.05E-02	77806922	77807045	NC_000017.10
cg00563892	1.60E-06	2.34E-07	-5.36	5.9031725	-2.78E-02	42588392	42588515	NC_000002.11
cg25858983	1.60E-06	2.34E-07	-5.36	5.9028602	-5.39E-02	42295711	42295834	NC_000017.10
cg03736099	1.60E-06	2.34E-07	-5.36	5.9024249	-7.99E-02	78430511	78430634	NC_000017.10
cg03262690	1.60E-06	2.34E-07	-5.36	5.9017613	-8.28E-02	11196659	11196782	NC_000002.11

cg20250722	1.60E-06	2.34E-07	-5.36	5.9012273	-1.02E-01	26522136	26522259	NC_000006.11
cg04784263	1.60E-06	2.34E-07	-5.36	5.9008315	-1.15E-02	57318624	57318747	NC_000016.9
cg21484573	1.60E-06	2.34E-07	-5.36	5.9003907	-1.12E-01	163730853	163730976	NC_000006.11
cg02531924	1.60E-06	2.35E-07	-5.36	5.9002853	-9.53E-02	1522816	1522939	NC_000005.9
cg01564322	1.60E-06	2.35E-07	-5.36	5.900216	-4.53E-02	110251095	110251218	NC_000009.11
cg08395365	1.60E-06	2.35E-07	-5.36	5.9002036	-3.67E-02	182817479	182817602	NC_000003.11
cg18045152	1.61E-06	2.35E-07	-5.36	5.8992311	-9.53E-02	35992984	35993107	NC_000019.9
cg18566555	1.61E-06	2.35E-07	-5.36	5.8982659	-1.12E-01	154155288	154155411	NC_000004.11
cg11414821	1.61E-06	2.35E-07	-5.36	5.8976537	-1.50E-01	30652771	30652894	NC_000006.11
ch.7.2691555F	1.61E-06	2.35E-07	-5.36	5.897287	-1.57E-02	129667665	129667788	NC_000007.13
cg13205578	1.61E-06	2.35E-07	-5.36	5.8965804	-5.23E-02	52382136	52382259	NC_000010.10
cg03548857	1.61E-06	2.35E-07	-5.36	5.8964494	-1.31E-01	35940174	35940297	NC_000019.9
cg21041512	1.61E-06	2.36E-07	-5.36	5.8959229	-1.87E-02	79196677	79196800	NC_000017.10
cg03553897	1.61E-06	2.36E-07	-5.36	5.8955103	-9.39E-02	72969503	72969626	NC_000017.10
cg03310874	1.61E-06	2.36E-07	-5.36	5.8948703	-9.81E-02	4850260	4850383	NC_000007.13
cg03085932	1.61E-06	2.36E-07	-5.36	5.8945017	-7.57E-02	123484534	123484657	NC_000007.13
cg16621633	1.61E-06	2.36E-07	-5.36	5.8944921	-8.36E-02	19296418	19296541	NC_000016.9
cg26545425	1.62E-06	2.36E-07	-5.36	5.8934261	-7.48E-02	73022110	73022233	NC_000007.13
cg22459052	1.62E-06	2.36E-07	-5.36	5.8928643	-9.47E-02	149588987	149589110	NC_000005.9
cg08242194	1.62E-06	2.36E-07	-5.36	5.8927043	-1.11E-01	4157691	4157814	NC_000007.13
cg11699334	1.62E-06	2.37E-07	-5.36	5.8914743	-7.59E-02	109195889	109196012	NC_000012.11
cg23995917	1.62E-06	2.37E-07	-5.36	5.891398	-1.52E-02	145575294	145575417	NC_000001.10
cg00213745	1.62E-06	2.37E-07	-5.36	5.8899269	-5.19E-02	124730836	124730959	NC_000003.11
cg08313757	1.62E-06	2.37E-07	-5.36	5.8888997	-6.14E-02	97428708	97428831	NC_000002.11
ch.11.1147402R	1.62E-06	2.37E-07	-5.36	5.8888513	-1.20E-02	60358641	60358764	NC_000011.9

cg10778931	1.62E-06	2.38E-07	-5.36	5.8876071	-4.59E-02	76901065	76901188	NC_000015.9
cg06130371	1.63E-06	2.38E-07	-5.36	5.8854404	-1.36E-02	65578830	65578953	NC_000015.9
cg08022543	1.63E-06	2.38E-07	-5.36	5.88492	-7.11E-02	195929544	195929667	NC_000003.11
cg21716693	1.63E-06	2.38E-07	-5.36	5.8848447	-9.84E-02	36806882	36807005	NC_000006.11
cg11911689	1.63E-06	2.38E-07	-5.36	5.8846676	-6.83E-02	19381324	19381447	NC_000019.9
cg11422851	1.63E-06	2.38E-07	-5.36	5.8846521	-8.08E-02	38508140	38508263	NC_000008.10
cg14948434	1.63E-06	2.38E-07	-5.36	5.8843839	-3.92E-02	56132159	56132282	NC_000007.13
cg25968394	1.63E-06	2.38E-07	-5.36	5.8843078	-1.05E-01	104604511	104604634	NC_000007.13
cg08944723	1.63E-06	2.39E-07	-5.36	5.8839314	-7.96E-02	72915238	72915361	NC_000012.11
cg13942016	1.63E-06	2.39E-07	-5.36	5.882631	-4.57E-02	47447463	47447586	NC_000011.9
cg06864443	1.63E-06	2.39E-07	-5.36	5.8824459	-5.30E-02	45929860	45929983	NC_000015.9
cg06482716	1.63E-06	2.39E-07	-5.35	5.8814974	-1.28E-01	47794995	47795118	NC_000018.9
cg09083736	1.64E-06	2.39E-07	-5.35	5.8804735	-7.50E-02	100049849	100049972	NC_000006.11
cg27115788	1.64E-06	2.39E-07	-5.35	5.8801523	-3.97E-02	39106258	39106381	NC_000003.11
cg04865113	1.64E-06	2.40E-07	-5.35	5.8796715	-1.12E-01	48960137	48960260	NC_000001.10
cg06093152	1.64E-06	2.40E-07	-5.35	5.8792614	-7.42E-02	212662017	212662140	NC_000001.10
ch.13.22912778R	1.64E-06	2.40E-07	-5.35	5.8789092	-5.40E-02	24014778	24014901	NC_000013.10
ch.10.15292952R	1.64E-06	2.40E-07	-5.35	5.8786061	-2.64E-02	15252946	15253069	NC_000010.10
cg23146741	1.64E-06	2.40E-07	-5.35	5.8784372	-9.73E-02	42712312	42712435	NC_000008.10
cg19628988	1.64E-06	2.40E-07	-5.35	5.8764008	-1.19E-01	139040928	139041051	NC_000005.9
cg16411445	1.64E-06	2.41E-07	-5.35	5.8758244	-1.02E-01	40145923	40146046	NC_000021.8
cg21258259	1.64E-06	2.41E-07	-5.35	5.8757874	-3.57E-02	114281006	114281129	NC_000013.10
cg20884776	1.64E-06	2.41E-07	-5.35	5.8752717	-2.75E-02	49209044	49209167	NC_000012.11
cg16390380	1.64E-06	2.41E-07	-5.35	5.8750465	-8.26E-02	3461140	3461263	NC_000017.10
cg05716726	1.64E-06	2.41E-07	-5.35	5.8746129	-1.32E-01	27343671	27343794	NC_000006.11

cg02712294	1.64E-06	2.41E-07	-5.35	5.8745732	-2.03E-02	41559393	41559516	NC_000008.10
cg16174121	1.65E-06	2.41E-07	-5.35	5.8741627	-5.69E-02	47736254	47736377	NC_000011.9
cg24003866	1.65E-06	2.41E-07	-5.35	5.8730719	-8.20E-02	184938470	184938593	NC_000004.11
cg06936779	1.65E-06	2.42E-07	-5.35	5.8718317	-7.56E-02	151171405	151171528	NC_000001.10
cg19195327	1.65E-06	2.42E-07	-5.35	5.871614	-3.45E-02	6479725	6479848	NC_000001.10
cg09294660	1.65E-06	2.42E-07	-5.35	5.870669	-4.48E-02	63422159	63422282	NC_000016.9
cg21690489	1.65E-06	2.42E-07	-5.35	5.8698896	-8.42E-02	46330260	46330383	NC_000011.9
cg18186349	1.65E-06	2.42E-07	-5.35	5.8696173	-4.31E-02	57146150	57146273	NC_000012.11
cg20420249	1.65E-06	2.42E-07	-5.35	5.8693067	-6.66E-02	172378938	172379061	NC_000001.10
cg02314308	1.65E-06	2.42E-07	-5.35	5.8688443	-3.89E-02	184006972	184007095	NC_000001.10
cg22536770	1.65E-06	2.42E-07	-5.35	5.868229	-1.10E-01	18870922	18871045	NC_000019.9
cg06198758	1.66E-06	2.42E-07	-5.35	5.8680112	-7.33E-02	36181297	36181420	NC_000001.10
cg13955572	1.66E-06	2.42E-07	-5.35	5.8679249	-2.41E-02	15422376	15422499	NC_000009.11
cg08404354	1.66E-06	2.43E-07	-5.35	5.8676472	-9.30E-02	115311837	115311960	NC_000010.10
cg17288471	1.66E-06	2.43E-07	-5.35	5.8675144	-7.45E-02	20804947	20805070	NC_000002.11
cg05206633	1.66E-06	2.43E-07	-5.35	5.8667248	-7.45E-02	177913434	177913557	NC_000005.9
cg09677741	1.66E-06	2.43E-07	-5.35	5.8666883	-4.74E-02	137071648	137071771	NC_000005.9
ch.10.1947223F	1.66E-06	2.43E-07	-5.35	5.8656619	-4.31E-02	93768670	93768793	NC_000010.10
cg05297105	1.66E-06	2.43E-07	-5.35	5.8655543	-2.21E-02	56123171	56123294	NC_000012.11
cg01286935	1.66E-06	2.43E-07	-5.35	5.8655174	-6.32E-02	89778247	89778370	NC_000016.9
cg18509719	1.66E-06	2.43E-07	-5.35	5.8653742	-9.22E-02	1469746	1469869	NC_000011.9
cg12244325	1.66E-06	2.43E-07	-5.35	5.865332	-7.28E-02	45883864	45883987	NC_000021.8
cg18323589	1.66E-06	2.43E-07	-5.35	5.8649567	-1.32E-01	175893092	175893215	NC_000002.11
cg12233833	1.66E-06	2.43E-07	-5.35	5.8647175	-3.19E-02	830825	830948	NC_000010.10
cg25746134	1.66E-06	2.43E-07	-5.35	5.8641384	-1.27E-01	202129865	202129988	NC_000001.10

cg10239163	1.66E-06	2.44E-07	-5.35	5.8637893	-6.47E-02	25527366	25527489	NC_000002.11
cg10498083	1.66E-06	2.44E-07	-5.35	5.8631704	-9.92E-02	30428323	30428446	NC_000006.11
cg26562462	1.66E-06	2.44E-07	-5.35	5.8628239	-8.87E-02	6929045	6929168	NC_000004.11
cg16034168	1.66E-06	2.44E-07	-5.35	5.8624127	-1.12E-01	6336711	6336834	NC_000001.10
cg05872485	1.66E-06	2.44E-07	-5.35	5.862203	-1.21E-02	57081186	57081309	NC_000012.11
cg12090942	1.66E-06	2.44E-07	-5.35	5.8618145	-9.05E-02	77279508	77279631	NC_000014.8
ch.1.58573617F	1.66E-06	2.44E-07	-5.35	5.8617693	-2.01E-02	58801029	58801152	NC_000001.10
cg14497202	1.67E-06	2.44E-07	-5.35	5.8612473	-1.81E-02	3534424	3534547	NC_000004.11
cg04343394	1.67E-06	2.44E-07	-5.35	5.8606638	-2.80E-02	10695072	10695195	NC_000006.11
cg16146288	1.67E-06	2.45E-07	-5.35	5.8590663	-7.66E-02	33148913	33149036	NC_000015.9
cg06859463	1.67E-06	2.45E-07	-5.35	5.8587021	-5.44E-02	46300215	46300338	NC_000011.9
cg06163593	1.67E-06	2.45E-07	-5.35	5.858605	-4.84E-02	120718790	120718913	NC_000010.10
cg02626646	1.67E-06	2.45E-07	-5.35	5.8581687	-9.64E-02	102037293	102037416	NC_000015.9
cg17567602	1.67E-06	2.45E-07	-5.35	5.8581005	-8.11E-02	106732112	106732235	NC_000002.11
cg23435730	1.67E-06	2.45E-07	-5.35	5.8576558	-2.07E-02	127770634	127770757	NC_000003.11
cg16345114	1.67E-06	2.45E-07	-5.35	5.8573696	-9.75E-02	172306112	172306235	NC_000005.9
cg24523591	1.67E-06	2.45E-07	-5.35	5.8573577	-6.34E-02	178893304	178893427	NC_000003.11
cg18795022	1.67E-06	2.45E-07	-5.35	5.8568973	-9.10E-02	7587410	7587533	NC_000001.10
cg19241679	1.67E-06	2.45E-07	-5.35	5.8564017	-1.00E-01	2302401	2302524	NC_000019.9
cg16755833	1.67E-06	2.45E-07	-5.35	5.8560757	-7.27E-02	80866063	80866186	NC_000017.10
cg15190445	1.67E-06	2.46E-07	-5.35	5.8557691	-9.86E-02	108442528	108442651	NC_000006.11
cg13200556	1.68E-06	2.46E-07	-5.35	5.8549365	-1.17E-01	337303	337426	NC_000008.10
cg13761949	1.68E-06	2.46E-07	-5.35	5.8537261	-1.05E-01	35098359	35098482	NC_000010.10
cg08756594	1.68E-06	2.46E-07	-5.35	5.85372	-8.15E-02	1892392	1892515	NC_000011.9
cg18214436	1.68E-06	2.46E-07	-5.35	5.8535929	-4.96E-02	120565257	120565380	NC_000012.11

cg24517323	1.68E-06	2.46E-07	-5.35	5.8535262	-1.25E-01	7227564	7227687	NC_000017.10
cg00891599	1.68E-06	2.46E-07	-5.35	5.8530481	-4.10E-02	119067892	119068015	NC_000011.9
cg04575144	1.68E-06	2.46E-07	-5.35	5.8528505	-2.12E-02	4067379	4067502	NC_000019.9
cg17057086	1.68E-06	2.46E-07	-5.35	5.8523978	-1.17E-01	133456013	133456136	NC_000008.10
cg12808565	1.68E-06	2.47E-07	-5.35	5.8512994	-1.40E-01	729259	729382	NC_000010.10
cg25754673	1.68E-06	2.47E-07	-5.35	5.8512887	-9.14E-02	124880260	124880383	NC_000012.11
cg23484392	1.68E-06	2.47E-07	-5.35	5.8496695	-9.03E-02	66465334	66465457	NC_000018.9
cg18889393	1.68E-06	2.47E-07	-5.35	5.8494369	-7.31E-02	6282970	6283093	NC_000019.9
cg14571539	1.69E-06	2.47E-07	-5.35	5.8490725	-1.16E-01	128746622	128746745	NC_000005.9
cg04232972	1.69E-06	2.47E-07	-5.35	5.8487162	-1.08E-01	30671644	30671767	NC_000016.9
cg00277342	1.69E-06	2.48E-07	-5.35	5.8472744	-6.34E-02	72976090	72976213	NC_000011.9
cg23136738	1.69E-06	2.48E-07	-5.35	5.8461425	-8.50E-02	925521	925644	NC_000011.9
cg05865011	1.69E-06	2.48E-07	-5.35	5.84608	-1.30E-01	72969374	72969497	NC_000017.10
cg27381216	1.69E-06	2.48E-07	-5.35	5.8457058	-2.47E-02	7869428	7869551	NC_000005.9
cg13698865	1.69E-06	2.48E-07	-5.35	5.8455784	-9.28E-02	137553680	137553803	NC_000009.11
cg06923616	1.69E-06	2.48E-07	-5.35	5.8445336	-8.69E-02	66381343	66381466	NC_000018.9
cg18396811	1.69E-06	2.48E-07	-5.35	5.8443547	-8.07E-02	3332264	3332387	NC_000001.10
cg18052123	1.69E-06	2.48E-07	-5.35	5.8442788	-3.64E-02	42724001	42724124	NC_000019.9
cg03931027	1.69E-06	2.49E-07	-5.35	5.8434647	-2.21E-02	138609848	138609971	NC_000005.9
cg16323609	1.69E-06	2.49E-07	-5.35	5.8432856	-6.82E-02	48885591	48885714	NC_000003.11
cg27039218	1.70E-06	2.49E-07	-5.35	5.8421218	-1.03E-01	33485389	33485512	NC_000010.10
cg22040631	1.70E-06	2.49E-07	-5.35	5.841316	-9.84E-02	129153820	129153943	NC_000002.11
cg22830895	1.70E-06	2.49E-07	-5.35	5.8407118	-7.76E-02	151137476	151137599	NC_000007.13
cg23551120	1.70E-06	2.49E-07	-5.35	5.8407104	-1.18E-01	113375848	113375971	NC_000013.10
cg11426170	1.70E-06	2.50E-07	-5.35	5.8401982	-1.20E-01	186961160	186961283	NC_000004.11

cg10504000	1.70E-06	2.50E-07	-5.35	5.8400207	-1.24E-01	2402391	2402514	NC_000011.9
cg09991633	1.70E-06	2.50E-07	-5.35	5.8397587	-9.01E-02	134759376	134759499	NC_000008.10
cg26679756	1.70E-06	2.50E-07	-5.35	5.8390152	-5.58E-02	172262169	172262292	NC_000001.10
cg06181784	1.70E-06	2.50E-07	-5.35	5.8388999	-1.49E-01	9993934	9994057	NC_000003.11
cg01916632	1.70E-06	2.50E-07	-5.35	5.8383619	-9.56E-02	107781506	107781629	NC_000006.11
cg01936430	1.70E-06	2.50E-07	-5.35	5.8382591	-1.65E-02	204380496	204380619	NC_000001.10
cg11325127	1.70E-06	2.50E-07	-5.35	5.8381558	-3.61E-02	79407954	79408077	NC_000005.9
cg03607648	1.70E-06	2.50E-07	-5.35	5.8374291	-1.28E-01	234668930	234669053	NC_000002.11
cg01488300	1.71E-06	2.51E-07	-5.35	5.8361773	-8.37E-02	3527126	3527249	NC_000001.10
cg13160251	1.71E-06	2.51E-07	-5.35	5.83613	-8.46E-02	56286575	56286698	NC_000015.9
cg01196336	1.71E-06	2.51E-07	-5.35	5.8360817	-1.06E-01	1186469	1186592	NC_000004.11
cg16447680	1.71E-06	2.51E-07	-5.35	5.8357718	-1.21E-01	55379100	55379223	NC_000012.11
cg24296187	1.71E-06	2.51E-07	-5.34	5.8349222	-1.34E-01	212434331	212434454	NC_000001.10
cg16262201	1.71E-06	2.51E-07	-5.34	5.8340779	-6.98E-02	3157480	3157603	NC_000001.10
cg18159740	1.71E-06	2.51E-07	-5.34	5.8332087	-2.97E-02	30881703	30881826	NC_000013.10
cg04857149	1.71E-06	2.51E-07	-5.34	5.8330541	-3.80E-02	24237060	24237183	NC_000018.9
cg03905463	1.71E-06	2.51E-07	-5.34	5.8325923	-2.60E-02	92980256	92980379	NC_000010.10
cg05938423	1.71E-06	2.52E-07	-5.34	5.8320942	-5.99E-02	85085313	85085436	NC_000001.10
cg18133076	1.71E-06	2.52E-07	-5.34	5.8319509	-8.43E-02	47623751	47623874	NC_000006.11
cg05317605	1.71E-06	2.52E-07	-5.34	5.8319119	-2.42E-02	4558499	4558622	NC_000019.9
cg15311460	1.71E-06	2.52E-07	-5.34	5.8317514	-8.67E-02	406997	407120	NC_000011.9
cg26753302	1.71E-06	2.52E-07	-5.34	5.8316469	-1.29E-01	61143993	61144116	NC_000018.9
cg09327911	1.71E-06	2.52E-07	-5.34	5.8315777	-2.07E-02	6617264	6617387	NC_000007.13
cg00664054	1.72E-06	2.52E-07	-5.34	5.830836	-7.45E-02	21998309	21998432	NC_000008.10
ch.16.1630026F	1.72E-06	2.52E-07	-5.34	5.830714	-7.20E-02	72492804	72492927	NC_000016.9



cg13800209	1.72E-06	2.52E-07	-5.34	5.8301017	-1.39E-01	37390284	37390407	NC_000015.9
cg01522425	1.72E-06	2.53E-07	-5.34	5.8285921	-5.29E-02	16525848	16525971	NC_000003.11
cg02206807	1.72E-06	2.53E-07	-5.34	5.8278027	-5.38E-02	3961397	3961520	NC_000011.9
cg04848686	1.72E-06	2.53E-07	-5.34	5.8276779	-1.14E-01	88747591	88747714	NC_000016.9
cg01847380	1.72E-06	2.53E-07	-5.34	5.8272407	-4.62E-02	40366596	40366719	NC_000001.10
cg05555515	1.72E-06	2.53E-07	-5.34	5.8270457	-6.58E-02	14170785	14170908	NC_000019.9
cg11592677	1.72E-06	2.53E-07	-5.34	5.8267725	-9.83E-02	119110466	119110589	NC_000008.10
cg16442587	1.72E-06	2.53E-07	-5.34	5.8266085	-9.42E-02	56514573	56514696	NC_000018.9
cg10028434	1.72E-06	2.53E-07	-5.34	5.8263029	-9.54E-02	104160076	104160199	NC_000014.8
cg05142373	1.72E-06	2.53E-07	-5.34	5.8261899	-2.92E-02	90894714	90894837	NC_000007.13
cg05033749	1.72E-06	2.53E-07	-5.34	5.8259353	-1.16E-01	142439489	142439612	NC_000008.10
cg18680860	1.72E-06	2.53E-07	-5.34	5.8255651	-5.16E-02	175625991	175626114	NC_000005.9
cg14763096	1.72E-06	2.53E-07	-5.34	5.8255105	-1.00E-01	95954251	95954374	NC_000010.10
cg15317628	1.72E-06	2.53E-07	-5.34	5.8254965	-4.71E-02	8653329	8653452	NC_000011.9
cg22466620	1.72E-06	2.53E-07	-5.34	5.8253102	-3.08E-02	138187852	138187975	NC_000006.11
cg23701776	1.72E-06	2.53E-07	-5.34	5.8250207	-3.21E-02	5680879	5681002	NC_000019.9
cg18135132	1.73E-06	2.54E-07	-5.34	5.8244677	-3.81E-02	10814092	10814215	NC_000011.9
cg24361761	1.73E-06	2.54E-07	-5.34	5.8241712	-1.10E-01	25782377	25782500	NC_000010.10
cg10396171	1.73E-06	2.54E-07	-5.34	5.8241636	-1.43E-01	605214	605337	NC_000016.9
cg27495444	1.73E-06	2.54E-07	-5.34	5.8233779	-6.27E-02	2819863	2819986	NC_000019.9
cg26209676	1.73E-06	2.54E-07	-5.34	5.823329	-9.39E-02	56154382	56154505	NC_000019.9
cg14790772	1.73E-06	2.54E-07	-5.34	5.8229907	-3.30E-02	193090742	193090865	NC_000001.10
cg12466599	1.73E-06	2.54E-07	-5.34	5.8228227	-9.07E-02	21894532	21894655	NC_000001.10
cg26980996	1.73E-06	2.54E-07	-5.34	5.8227666	-9.92E-02	98026481	98026604	NC_000007.13
cg18037578	1.73E-06	2.54E-07	-5.34	5.8212454	-2.48E-02	30313418	30313541	NC_000006.11

cg13357752	1.73E-06	2.55E-07	-5.34	5.8206962	-2.03E-02	4639397	4639520	NC_000019.9
cg24110635	1.73E-06	2.55E-07	-5.34	5.8201823	-1.12E-01	27472736	27472859	NC_000012.11
cg03141069	1.73E-06	2.55E-07	-5.34	5.8198937	-9.83E-02	228463734	228463857	NC_000001.10
cg21313830	1.73E-06	2.55E-07	-5.34	5.8197668	-6.16E-02	45983303	45983426	NC_000015.9
cg22564433	1.73E-06	2.55E-07	-5.34	5.8197067	-1.25E-01	49612450	49612573	NC_000008.10
cg15095922	1.73E-06	2.55E-07	-5.34	5.8193437	-8.30E-02	1800542	1800665	NC_000005.9
cg23205936	1.73E-06	2.55E-07	-5.34	5.8189004	-1.17E-01	170560006	170560129	NC_000006.11
cg23562473	1.73E-06	2.55E-07	-5.34	5.8188319	-7.89E-02	51334972	51335095	NC_000019.9
cg04929543	1.74E-06	2.55E-07	-5.34	5.8182936	-1.25E-01	179183500	179183623	NC_000002.11
cg21750887	1.74E-06	2.55E-07	-5.34	5.8178956	-1.19E-01	68658237	68658360	NC_000008.10
cg08592890	1.74E-06	2.55E-07	-5.34	5.8176456	-1.47E-01	30907246	30907369	NC_000016.9
cg17616205	1.74E-06	2.55E-07	-5.34	5.8173473	-6.67E-02	39448961	39449084	NC_000003.11
cg19693446	1.74E-06	2.55E-07	-5.34	5.8171667	-6.18E-02	102144192	102144315	NC_000014.8
cg19412743	1.74E-06	2.56E-07	-5.34	5.8165209	-9.83E-02	190747919	190748042	NC_000004.11
cg19499674	1.74E-06	2.56E-07	-5.34	5.8161966	-1.34E-01	100436724	100436847	NC_000001.10
cg01382105	1.74E-06	2.56E-07	-5.34	5.8160699	-8.50E-02	113406866	113406989	NC_000013.10
cg27641076	1.74E-06	2.56E-07	-5.34	5.815548	-1.08E-01	62211788	62211911	NC_000011.9
cg04306106	1.74E-06	2.56E-07	-5.34	5.8153528	-6.78E-02	84681729	84681852	NC_000016.9
cg00542402	1.74E-06	2.56E-07	-5.34	5.8146609	-3.04E-02	10562851	10562974	NC_000011.9
cg07700369	1.74E-06	2.56E-07	-5.34	5.8138374	-2.23E-02	46299268	46299391	NC_000011.9
cg02934600	1.74E-06	2.56E-07	-5.34	5.8137399	-3.08E-02	107600376	107600499	NC_000001.10
cg14844466	1.74E-06	2.57E-07	-5.34	5.8132196	-1.01E-01	54908674	54908797	NC_000014.8
cg23713520	1.75E-06	2.57E-07	-5.34	5.8116612	-6.44E-02	57318087	57318210	NC_000016.9
cg01277331	1.75E-06	2.57E-07	-5.34	5.8108073	-7.26E-02	219748759	219748882	NC_000002.11
cg20330333	1.75E-06	2.57E-07	-5.34	5.8107847	-1.01E-01	58337741	58337864	NC_000014.8

cg05374025	1.75E-06	2.57E-07	-5.34	5.8107618	-1.29E-01	55549746	55549869	NC_000019.9
cg15335768	1.75E-06	2.57E-07	-5.34	5.8100796	-7.34E-02	218268053	218268176	NC_000002.11
cg24147596	1.75E-06	2.57E-07	-5.34	5.8096835	-1.11E-01	160395420	160395543	NC_000003.11
cg24151267	1.75E-06	2.58E-07	-5.34	5.8091272	-2.44E-02	48556017	48556140	NC_000017.10
cg00753747	1.75E-06	2.58E-07	-5.34	5.8085016	-2.16E-02	22201766	22201889	NC_000016.9
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cg22798214	1.75E-06	2.58E-07	-5.34	5.807765	-7.92E-02	212692190	212692313	NC_000001.10
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cg07412079	1.75E-06	2.58E-07	-5.34	5.8070238	-4.45E-02	33766607	33766730	NC_000018.9
cg10021668	1.75E-06	2.58E-07	-5.34	5.8069626	-1.87E-02	159751259	159751382	NC_000001.10
cg06201030	1.75E-06	2.58E-07	-5.34	5.806763	-2.74E-02	31774253	31774376	NC_000006.11
cg17445987	1.75E-06	2.58E-07	-5.34	5.8067424	-2.79E-02	10305305	10305428	NC_000019.9
cg24067813	1.75E-06	2.58E-07	-5.34	5.8066385	-1.59E-02	152009629	152009752	NC_000001.10
cg13501446	1.76E-06	2.58E-07	-5.34	5.8060104	-9.17E-02	138900624	138900747	NC_000009.11
cg21494379	1.76E-06	2.59E-07	-5.34	5.8057218	-1.28E-01	88275243	88275366	NC_000005.9
cg09205751	1.76E-06	2.59E-07	-5.34	5.8048526	-1.14E-01	278394	278517	NC_000011.9
cg10608858	1.76E-06	2.59E-07	-5.34	5.8044648	-8.00E-02	151491913	151492036	NC_000007.13
cg02853703	1.76E-06	2.59E-07	-5.34	5.8044532	-1.11E-01	25889298	25889421	NC_000015.9
cg09882550	1.76E-06	2.59E-07	-5.34	5.8036904	-4.63E-02	179920971	179921094	NC_000005.9
cg20390673	1.76E-06	2.59E-07	-5.34	5.8035251	-8.67E-02	61602293	61602416	NC_000020.10
cg08485649	1.76E-06	2.59E-07	-5.34	5.8027622	-1.23E-01	134043654	134043777	NC_000010.10
cg24526899	1.76E-06	2.59E-07	-5.34	5.8022157	-1.13E-01	54424149	54424272	NC_000014.8
cg13374432	1.76E-06	2.59E-07	-5.34	5.8021124	-1.21E-01	86192745	86192868	NC_000015.9
cg09439054	1.76E-06	2.60E-07	-5.34	5.8018906	-6.13E-02	10691954	10692077	NC_000019.9
cg22654142	1.76E-06	2.60E-07	-5.34	5.801559	-8.54E-02	22056517	22056640	NC_000022.10

cg21518056	1.76E-06	2.60E-07	-5.34	5.8011697	-1.80E-02	33183187	33183310	NC_000019.9
ch.7.1466734R	1.76E-06	2.60E-07	-5.34	5.801004	-2.34E-02	68211517	68211640	NC_000007.13
cg05662090	1.76E-06	2.60E-07	-5.34	5.8006266	-2.46E-02	83933514	83933637	NC_000004.11
cg10009207	1.76E-06	2.60E-07	-5.34	5.8005819	-8.04E-02	70365800	70365923	NC_000016.9
ch.1.4690234F	1.77E-06	2.60E-07	-5.34	5.7995897	-1.17E-02	236708881	236709004	NC_000001.10
cg07867517	1.77E-06	2.60E-07	-5.34	5.7988689	-1.20E-01	75520165	75520288	NC_000016.9
cg22322679	1.77E-06	2.60E-07	-5.34	5.7986399	-9.95E-02	33244178	33244301	NC_000006.11
cg07926178	1.77E-06	2.60E-07	-5.34	5.7984753	-4.44E-02	158130463	158130586	NC_000007.13
cg25059541	1.77E-06	2.60E-07	-5.34	5.7984457	-6.70E-02	103411459	103411582	NC_000014.8
cg01155522	1.77E-06	2.61E-07	-5.34	5.7981519	-2.08E-02	24740939	24741062	NC_000016.9
cg17415721	1.77E-06	2.61E-07	-5.34	5.7979296	-1.09E-02	66140101	66140224	NC_000011.9
cg08657449	1.77E-06	2.61E-07	-5.34	5.7975352	-6.29E-02	105351661	105351784	NC_000008.10
cg07821574	1.77E-06	2.61E-07	-5.34	5.7968689	-2.46E-02	18208505	18208628	NC_000019.9
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cg05705366	1.77E-06	2.61E-07	-5.34	5.7957744	-2.42E-02	53813915	53814038	NC_000005.9
cg09569869	1.77E-06	2.61E-07	-5.34	5.7948586	-7.49E-02	42469756	42469879	NC_000022.10
cg17480554	1.77E-06	2.61E-07	-5.34	5.794711	-9.46E-02	52334107	52334230	NC_000005.9
cg04144151	1.78E-06	2.62E-07	-5.34	5.7945233	-8.56E-02	242715019	242715142	NC_000002.11
cg11382477	1.78E-06	2.62E-07	-5.34	5.7940532	-4.90E-02	155264170	155264293	NC_000007.13
cg13400969	1.78E-06	2.62E-07	-5.34	5.7937099	-1.43E-01	44087762	44087885	NC_000017.10
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cg11087819	1.78E-06	2.62E-07	-5.34	5.7929922	-1.28E-01	142838482	142838605	NC_000008.10
cg03419151	1.78E-06	2.62E-07	-5.34	5.792905	-7.40E-02	6658728	6658851	NC_000017.10
cg22878489	1.78E-06	2.62E-07	-5.34	5.7919581	-1.18E-01	33245701	33245824	NC_000006.11

cg01492170	1.78E-06	2.62E-07	-5.34	5.7913548	-1.18E-01	27781295	27781418	NC_000016.9
cg26529044	1.78E-06	2.62E-07	-5.34	5.7912251	-9.19E-02	43354767	43354890	NC_000013.10
cg00188298	1.78E-06	2.62E-07	-5.34	5.7910441	-2.28E-02	97667731	97667854	NC_000010.10
cg25066772	1.78E-06	2.63E-07	-5.34	5.790829	-9.86E-02	93136682	93136805	NC_000014.8
cg00359395	1.78E-06	2.63E-07	-5.34	5.7902308	-8.44E-02	22228153	22228276	NC_000001.10
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cg02082887	1.78E-06	2.63E-07	-5.34	5.7897203	-8.33E-02	37820361	37820484	NC_000017.10
cg12054341	1.78E-06	2.63E-07	-5.34	5.7890065	-7.64E-02	19007074	19007197	NC_000019.9
cg09253696	1.79E-06	2.63E-07	-5.33	5.7884897	-5.16E-02	73873529	73873652	NC_000017.10
cg24103475	1.79E-06	2.63E-07	-5.33	5.7883196	-7.76E-02	126149274	126149397	NC_000011.9
cg09893465	1.79E-06	2.63E-07	-5.33	5.7881246	-1.86E-01	134588040	134588163	NC_000010.10
cg17804886	1.79E-06	2.64E-07	-5.33	5.7867169	-5.84E-02	114871422	114871545	NC_000013.10
cg13593192	1.79E-06	2.64E-07	-5.33	5.7864207	-1.27E-01	77511003	77511126	NC_000004.11
cg13042918	1.79E-06	2.64E-07	-5.33	5.7863836	-7.67E-02	119948542	119948665	NC_000004.11
cg19720914	1.79E-06	2.64E-07	-5.33	5.7846924	-2.15E-02	234746494	234746617	NC_000001.10
cg26427534	1.79E-06	2.64E-07	-5.33	5.7846623	-9.60E-02	7659067	7659190	NC_000011.9
cg14200127	1.79E-06	2.64E-07	-5.33	5.783628	-1.01E-01	97604182	97604305	NC_000001.10
cg18029039	1.79E-06	2.65E-07	-5.33	5.7834011	-6.29E-02	86710	86833	NC_000017.10
cg21406402	1.79E-06	2.65E-07	-5.33	5.7830587	-7.92E-02	121223847	121223970	NC_000002.11
cg09243811	1.79E-06	2.65E-07	-5.33	5.7826396	-1.04E-01	66694586	66694709	NC_000017.10
cg08123339	1.80E-06	2.65E-07	-5.33	5.7824961	-1.46E-01	153463458	153463581	NC_000001.10
cg13611989	1.80E-06	2.65E-07	-5.33	5.781902	-2.21E-02	133710064	133710187	NC_000009.11
cg16996281	1.80E-06	2.65E-07	-5.33	5.781825	-1.11E-01	119217884	119218007	NC_000011.9
cg21624165	1.80E-06	2.65E-07	-5.33	5.7815392	-9.90E-02	178411451	178411574	NC_000005.9
cg24352878	1.80E-06	2.65E-07	-5.33	5.7799454	-6.09E-02	8772712	8772835	NC_000001.10

cg10014293	1.80E-06	2.66E-07	-5.33	5.779061	-8.08E-02	56703833	56703956	NC_000016.9
cg09339818	1.80E-06	2.66E-07	-5.33	5.7788142	-1.49E-01	100914480	100914603	NC_000006.11
cg09719594	1.80E-06	2.66E-07	-5.33	5.7785545	-3.10E-02	21412588	21412711	NC_000016.9
cg25255429	1.80E-06	2.66E-07	-5.33	5.7773393	-6.26E-02	74023633	74023756	NC_000017.10
cg02759002	1.81E-06	2.66E-07	-5.33	5.7768533	-2.66E-02	80256046	80256169	NC_000017.10
cg27122888	1.81E-06	2.66E-07	-5.33	5.776644	-1.22E-01	64379586	64379709	NC_000011.9
cg27583010	1.81E-06	2.67E-07	-5.33	5.7758353	-9.96E-02	30198505	30198628	NC_000016.9
cg04357830	1.81E-06	2.67E-07	-5.33	5.7745085	-2.53E-02	36261693	36261816	NC_000021.8
cg12531542	1.81E-06	2.67E-07	-5.33	5.7744576	-1.19E-01	75429059	75429182	NC_000011.9
cg06551476	1.81E-06	2.67E-07	-5.33	5.7739724	-9.77E-02	35045764	35045887	NC_000019.9
cg10305797	1.81E-06	2.67E-07	-5.33	5.7739434	-1.07E-01	35981677	35981800	NC_000019.9
cg16932472	1.81E-06	2.67E-07	-5.33	5.7730941	-9.53E-02	98605951	98606074	NC_000013.10
cg12491115	1.81E-06	2.68E-07	-5.33	5.7723106	-1.18E-01	129992365	129992488	NC_000011.9
cg01933318	1.81E-06	2.68E-07	-5.33	5.7722317	-8.33E-02	14864128	14864251	NC_000004.11
ch.3.1245645R	1.81E-06	2.68E-07	-5.33	5.7718563	-3.23E-02	56681254	56681377	NC_000003.11
cg02592403	1.81E-06	2.68E-07	-5.33	5.7715773	-7.64E-02	51614910	51615033	NC_000019.9
cg22040867	1.82E-06	2.68E-07	-5.33	5.7709132	-1.10E-01	202081933	202082056	NC_000001.10
cg04872947	1.82E-06	2.68E-07	-5.33	5.7698674	-5.33E-02	17846815	17846938	NC_000001.10
cg01071534	1.82E-06	2.68E-07	-5.33	5.7694614	-4.99E-02	46385572	46385695	NC_000021.8
cg01084990	1.82E-06	2.68E-07	-5.33	5.76928	-8.92E-02	65105581	65105704	NC_000016.9
ch.3.2560679R	1.82E-06	2.69E-07	-5.33	5.7683711	-2.77E-02	128985782	128985905	NC_000003.11
cg11029475	1.82E-06	2.69E-07	-5.33	5.7683576	-4.14E-02	38202626	38202749	NC_000022.10
cg27592523	1.82E-06	2.69E-07	-5.33	5.7682738	-4.38E-02	8024253	8024376	NC_000017.10
cg06100238	1.82E-06	2.69E-07	-5.33	5.7681355	-3.15E-02	648157	648280	NC_000020.10
cg09267113	1.82E-06	2.69E-07	-5.33	5.7677491	-1.46E-02	98030324	98030447	NC_000007.13

cg21446725	1.82E-06	2.69E-07	-5.33	5.7670996	-1.17E-02	49740996	49741119	NC_000012.11
cg03442712	1.82E-06	2.69E-07	-5.33	5.7670552	-1.11E-01	86292964	86293087	NC_000015.9
cg11229543	1.82E-06	2.69E-07	-5.33	5.7665703	-1.56E-01	2984445	2984568	NC_000001.10
cg27009448	1.82E-06	2.69E-07	-5.33	5.7660614	-1.29E-01	120492138	120492261	NC_000010.10
cg24418941	1.82E-06	2.69E-07	-5.33	5.76552	-5.82E-02	2062522	2062645	NC_000019.9
cg09040752	1.82E-06	2.69E-07	-5.33	5.7654295	-7.98E-02	41003155	41003278	NC_000017.10
cg02284273	1.83E-06	2.70E-07	-5.33	5.7649296	-1.24E-01	14051679	14051802	NC_000010.10
cg23815853	1.83E-06	2.70E-07	-5.33	5.7646949	-1.02E-01	48147034	48147157	NC_000012.11
cg07472750	1.83E-06	2.70E-07	-5.33	5.7645593	-7.26E-02	31039592	31039715	NC_000013.10
cg06142946	1.83E-06	2.70E-07	-5.33	5.7645407	-9.27E-02	17373124	17373247	NC_000011.9
cg26159860	1.83E-06	2.70E-07	-5.33	5.764425	-1.13E-01	133469193	133469316	NC_000011.9
cg08461586	1.83E-06	2.70E-07	-5.33	5.7638941	-4.79E-02	97802977	97803100	NC_000010.10
cg11597332	1.83E-06	2.70E-07	-5.33	5.7638141	-4.62E-02	49395923	49396046	NC_000003.11
cg22054793	1.83E-06	2.70E-07	-5.33	5.7635666	-1.17E-01	107305824	107305947	NC_000007.13
cg15936318	1.83E-06	2.70E-07	-5.33	5.7626662	-4.91E-02	10722562	10722685	NC_000006.11
cg24180402	1.83E-06	2.71E-07	-5.33	5.7615542	-1.40E-01	43221464	43221587	NC_000017.10
cg05349089	1.83E-06	2.71E-07	-5.33	5.7614095	-1.14E-01	209008498	209008621	NC_000001.10
cg18328168	1.83E-06	2.71E-07	-5.33	5.7610842	-1.20E-01	54435048	54435171	NC_000008.10
cg05877661	1.83E-06	2.71E-07	-5.33	5.7608746	-1.28E-01	1095156	1095279	NC_000011.9
cg08678154	1.83E-06	2.71E-07	-5.33	5.7606488	-8.87E-02	7036834	7036957	NC_000017.10
cg01137047	1.83E-06	2.71E-07	-5.33	5.760533	-8.56E-02	2970877	2971000	NC_000006.11
cg16538728	1.83E-06	2.71E-07	-5.33	5.760221	-7.99E-02	57334448	57334571	NC_000016.9
cg04165933	1.83E-06	2.71E-07	-5.33	5.7597958	-1.08E-01	49833847	49833970	NC_000016.9
cg08464177	1.84E-06	2.71E-07	-5.33	5.7594682	-9.56E-02	143625597	143625720	NC_000008.10
cg11496569	1.84E-06	2.71E-07	-5.33	5.7593478	-9.66E-02	244006397	244006520	NC_000001.10

cg20840706	1.84E-06	2.71E-07	-5.33	5.7589798	-4.12E-02	52027481	52027604	NC_000013.10
cg11314119	1.84E-06	2.72E-07	-5.33	5.7576738	-3.56E-02	1200356	1200479	NC_000007.13
cg24201941	1.84E-06	2.72E-07	-5.33	5.7576271	-1.00E-01	99697034	99697157	NC_000010.10
cg01888601	1.84E-06	2.72E-07	-5.33	5.756174	-1.05E-01	47736182	47736305	NC_000011.9
cg25522894	1.84E-06	2.72E-07	-5.33	5.7561413	-3.81E-02	28789456	28789579	NC_000002.11
cg27548752	1.84E-06	2.72E-07	-5.33	5.756048	-7.22E-02	47263614	47263737	NC_000019.9
cg27411220	1.84E-06	2.72E-07	-5.33	5.7560144	-2.63E-02	54073642	54073765	NC_000010.10
cg08506743	1.84E-06	2.72E-07	-5.33	5.7556614	-1.02E-01	131779750	131779873	NC_000011.9
cg24714913	1.84E-06	2.72E-07	-5.33	5.7552109	-4.10E-02	113932701	113932824	NC_000001.10
cg12473036	1.84E-06	2.72E-07	-5.33	5.7551822	-2.30E-02	62611207	62611330	NC_000020.10
cg23241878	1.84E-06	2.73E-07	-5.33	5.7544032	-1.08E-01	42082350	42082473	NC_000019.9
cg08378932	1.84E-06	2.73E-07	-5.33	5.7543779	-9.88E-02	149191167	149191290	NC_000003.11
cg09143318	1.84E-06	2.73E-07	-5.33	5.754357	-1.06E-01	32255976	32256099	NC_000017.10
cg24594504	1.85E-06	2.73E-07	-5.33	5.7536994	-1.09E-01	13455261	13455384	NC_000006.11
cg23796525	1.85E-06	2.73E-07	-5.33	5.7535863	-1.01E-01	39978853	39978976	NC_000017.10
cg17079757	1.85E-06	2.73E-07	-5.33	5.7530077	-6.90E-02	33291947	33292070	NC_000006.11
cg02494572	1.85E-06	2.73E-07	-5.33	5.7522271	-9.39E-02	46624268	46624391	NC_000017.10
cg01139059	1.85E-06	2.73E-07	-5.33	5.7521064	-2.61E-02	122512988	122513111	NC_000002.11
cg21185320	1.85E-06	2.73E-07	-5.33	5.7517384	-3.73E-02	37466646	37466769	NC_000009.11
cg27464846	1.85E-06	2.73E-07	-5.33	5.7515286	-9.15E-02	88268600	88268723	NC_000016.9
cg13604462	1.85E-06	2.74E-07	-5.33	5.7510253	-4.77E-02	88163667	88163790	NC_000010.10
cg03699074	1.85E-06	2.74E-07	-5.33	5.7504803	-1.27E-01	88849875	88849998	NC_000016.9
cg16903025	1.85E-06	2.74E-07	-5.33	5.7504675	-1.25E-01	124549553	124549676	NC_000008.10
cg15824291	1.85E-06	2.74E-07	-5.33	5.7494651	-7.33E-02	182521222	182521345	NC_000002.11
cg08335254	1.85E-06	2.74E-07	-5.33	5.7494317	-8.72E-02	123430575	123430698	NC_000011.9



cg05896714	1.85E-06	2.74E-07	-5.33	5.749273	-1.35E-01	19247837	19247960	NC_000017.10
cg13466128	1.85E-06	2.74E-07	-5.33	5.7487966	-4.42E-02	132648438	132648561	NC_000009.11
cg24667510	1.85E-06	2.74E-07	-5.33	5.7484656	-8.96E-02	3705631	3705754	NC_000017.10
cg26442107	1.86E-06	2.75E-07	-5.33	5.7473712	-9.45E-02	11276460	11276583	NC_000016.9
cg10273135	1.86E-06	2.75E-07	-5.33	5.7468766	-1.15E-01	78986111	78986234	NC_000005.9
cg26683636	1.86E-06	2.75E-07	-5.33	5.7467538	-4.61E-02	93037234	93037357	NC_000008.10
cg17306740	1.86E-06	2.75E-07	-5.33	5.7467172	-7.66E-02	56195434	56195557	NC_000020.10
cg05415549	1.86E-06	2.75E-07	-5.33	5.7462053	-5.23E-02	73242574	73242697	NC_000007.13
cg05230567	1.86E-06	2.75E-07	-5.33	5.7455969	-1.06E-01	49575079	49575202	NC_000019.9
ch.6.2132867R	1.86E-06	2.75E-07	-5.33	5.7451588	-1.55E-02	109139160	109139283	NC_000006.11
cg13436725	1.86E-06	2.75E-07	-5.33	5.7447976	-4.40E-02	88241337	88241460	NC_000008.10
cg18447587	1.86E-06	2.75E-07	-5.33	5.7445497	-1.13E-01	64627858	64627981	NC_000002.11
cg08427717	1.86E-06	2.75E-07	-5.33	5.7445115	-1.11E-01	10381383	10381506	NC_000019.9
cg11351958	1.86E-06	2.75E-07	-5.33	5.7442268	-3.56E-02	75277791	75277914	NC_000011.9
cg23868809	1.86E-06	2.76E-07	-5.33	5.7440509	-7.94E-02	94766196	94766319	NC_000008.10
cg11642681	1.86E-06	2.76E-07	-5.33	5.7432066	-7.01E-02	29210373	29210496	NC_000008.10
cg25647583	1.86E-06	2.76E-07	-5.33	5.7431532	-9.77E-02	91427184	91427307	NC_000015.9
cg20045040	1.87E-06	2.76E-07	-5.32	5.7420221	-8.45E-02	22052942	22053065	NC_000022.10
cg04474049	1.87E-06	2.76E-07	-5.32	5.741611	-1.24E-01	116164533	116164656	NC_000007.13
cg18527241	1.87E-06	2.76E-07	-5.32	5.740964	-1.13E-01	105319558	105319681	NC_000007.13
cg23922867	1.87E-06	2.76E-07	-5.32	5.7408034	-2.21E-02	54318612	54318735	NC_000018.9
cg07498421	1.87E-06	2.76E-07	-5.32	5.7407322	-4.05E-02	94071223	94071346	NC_000012.11
cg19003183	1.87E-06	2.77E-07	-5.32	5.7396738	-5.69E-02	205994737	205994860	NC_000002.11
cg12066583	1.87E-06	2.77E-07	-5.32	5.7394944	-2.15E-02	74114963	74115086	NC_000010.10
cg15712304	1.87E-06	2.77E-07	-5.32	5.7393895	-1.20E-01	125227489	125227612	NC_000011.9

cg06849501	1.87E-06	2.77E-07	-5.32	5.7388892	-6.19E-02	70458964	70459087	NC_000011.9
cg10019392	1.87E-06	2.77E-07	-5.32	5.7386229	-1.39E-01	87934324	87934447	NC_000016.9
cg22941294	1.87E-06	2.77E-07	-5.32	5.7381118	-1.18E-01	110156110	110156233	NC_000001.10
cg23127323	1.87E-06	2.77E-07	-5.32	5.7378392	-9.03E-02	1196179	1196302	NC_000004.11
cg04173252	1.87E-06	2.77E-07	-5.32	5.7372585	-5.23E-02	131100487	131100610	NC_000002.11
cg02727363	1.88E-06	2.78E-07	-5.32	5.7370013	-1.12E-01	70284928	70285051	NC_000016.9
cg22305574	1.88E-06	2.78E-07	-5.32	5.7369451	-1.11E-01	123797483	123797606	NC_000003.11
cg08647039	1.88E-06	2.78E-07	-5.32	5.7362524	-7.62E-02	13120987	13121110	NC_000019.9
cg19656486	1.88E-06	2.78E-07	-5.32	5.7360835	-7.81E-02	143648647	143648770	NC_000008.10
cg25417529	1.88E-06	2.78E-07	-5.32	5.7357307	-7.66E-02	11289356	11289479	NC_000019.9
cg14378057	1.88E-06	2.78E-07	-5.32	5.7356904	-4.83E-02	42788563	42788686	NC_000006.11
cg19501909	1.88E-06	2.78E-07	-5.32	5.735038	-1.39E-01	38001083	38001206	NC_000022.10
cg27494254	1.88E-06	2.78E-07	-5.32	5.7350029	-7.22E-02	40566897	40567020	NC_000017.10
cg24232869	1.88E-06	2.78E-07	-5.32	5.7347552	-7.45E-02	48478849	48478972	NC_000012.11
cg19886853	1.88E-06	2.78E-07	-5.32	5.7339667	-1.15E-01	8277746	8277869	NC_000001.10
cg23715045	1.88E-06	2.79E-07	-5.32	5.7333821	-7.19E-02	124621944	124622067	NC_000011.9
cg04338652	1.88E-06	2.79E-07	-5.32	5.7328489	-1.65E-01	13136597	13136720	NC_000018.9
cg10335543	1.88E-06	2.79E-07	-5.32	5.731565	-2.65E-02	102829157	102829280	NC_000014.8
cg13991953	1.88E-06	2.79E-07	-5.32	5.7314736	-2.49E-02	20757076	20757199	NC_000001.10
cg20240091	1.89E-06	2.79E-07	-5.32	5.7307639	-8.69E-02	175044916	175045039	NC_000001.10
cg15025379	1.89E-06	2.79E-07	-5.32	5.7304048	-1.19E-01	32159104	32159227	NC_000011.9
cg20550154	1.89E-06	2.79E-07	-5.32	5.7300729	-1.41E-01	52487779	52487902	NC_000014.8
cg18620396	1.89E-06	2.80E-07	-5.32	5.7296494	-1.54E-02	12703241	12703364	NC_000018.9
cg06169590	1.89E-06	2.80E-07	-5.32	5.7293301	-2.79E-02	43455088	43455211	NC_000002.11
cg03942871	1.89E-06	2.80E-07	-5.32	5.7285372	-7.59E-02	102574105	102574228	NC_000007.13

cg17737314	1.89E-06	2.80E-07	-5.32	5.7283177	-1.30E-01	44114355	44114478	NC_000001.10
cg14293614	1.89E-06	2.80E-07	-5.32	5.7283172	-6.35E-02	37593003	37593126	NC_000009.11
cg18818834	1.89E-06	2.80E-07	-5.32	5.7281548	-9.34E-03	52226764	52226887	NC_000006.11
cg00952789	1.89E-06	2.80E-07	-5.32	5.7279287	-9.30E-02	28215206	28215329	NC_000021.8
cg16332631	1.89E-06	2.80E-07	-5.32	5.7275408	-6.33E-02	64126102	64126225	NC_000011.9
cg14309501	1.89E-06	2.80E-07	-5.32	5.7275366	-2.40E-02	17445715	17445838	NC_000019.9
cg25099087	1.89E-06	2.80E-07	-5.32	5.7274684	-2.01E-02	201172481	201172604	NC_000002.11
cg06357305	1.89E-06	2.80E-07	-5.32	5.7270518	-1.21E-01	48183673	48183796	NC_000020.10
cg00364644	1.89E-06	2.80E-07	-5.32	5.7270193	-5.11E-02	88234627	88234750	NC_000016.9
cg18798099	1.89E-06	2.80E-07	-5.32	5.7269425	-1.25E-01	140189618	140189741	NC_000009.11
cg25061289	1.89E-06	2.80E-07	-5.32	5.726891	-8.68E-02	23933620	23933743	NC_000015.9
cg11859594	1.89E-06	2.81E-07	-5.32	5.7259311	-1.38E-01	76755745	76755868	NC_000017.10
cg11949175	1.90E-06	2.81E-07	-5.32	5.7257919	-5.62E-02	135970350	135970473	NC_000002.11
ch.18.400468R	1.90E-06	2.81E-07	-5.32	5.7244378	-1.76E-02	20395250	20395373	NC_000018.9
cg06862150	1.90E-06	2.81E-07	-5.32	5.7232442	-3.67E-02	151150984	151151107	NC_000005.9
cg18926786	1.90E-06	2.81E-07	-5.32	5.7232093	-2.19E-02	150244388	150244511	NC_000006.11
cg02366931	1.90E-06	2.82E-07	-5.32	5.722731	-1.15E-01	78986160	78986283	NC_000005.9
cg18278694	1.90E-06	2.82E-07	-5.32	5.7224991	-8.02E-02	179945973	179946096	NC_000001.10
cg23216685	1.90E-06	2.82E-07	-5.32	5.7222191	-1.22E-01	86174607	86174730	NC_000001.10
cg06495233	1.90E-06	2.82E-07	-5.32	5.7218817	-1.09E-01	38671111	38671234	NC_000005.9
cg08909806	1.90E-06	2.82E-07	-5.32	5.7213101	-5.49E-02	43548696	43548819	NC_000022.10
cg15572396	1.90E-06	2.82E-07	-5.32	5.7212699	-1.17E-01	58321349	58321472	NC_000003.11
cg02573873	1.90E-06	2.82E-07	-5.32	5.7212361	-6.61E-02	81520244	81520367	NC_000016.9
cg13327846	1.90E-06	2.82E-07	-5.32	5.7204085	-1.07E-02	52472389	52472512	NC_000015.9
cg19426731	1.90E-06	2.82E-07	-5.32	5.7202654	-6.03E-02	49992527	49992650	NC_000019.9

cg03665287	1.90E-06	2.82E-07	-5.32	5.7202463	-6.12E-02	15311886	15312009	NC_000019.9
cg12691229	1.91E-06	2.82E-07	-5.32	5.7200195	-6.02E-02	149569946	149570069	NC_000007.13
cg04496895	1.91E-06	2.82E-07	-5.32	5.7199019	-1.01E-01	30020140	30020263	NC_000010.10
cg07310916	1.91E-06	2.83E-07	-5.32	5.7180144	-7.42E-02	232330273	232330396	NC_000002.11
cg16549809	1.91E-06	2.83E-07	-5.32	5.7178063	-7.27E-02	149821291	149821414	NC_000005.9
cg27187555	1.91E-06	2.83E-07	-5.32	5.7175216	-9.67E-02	3269252	3269375	NC_000001.10
cg11150383	1.91E-06	2.83E-07	-5.32	5.7175189	-1.08E-01	108168682	108168805	NC_000007.13
cg22304555	1.91E-06	2.83E-07	-5.32	5.7173939	-6.20E-02	110962034	110962157	NC_000002.11
cg27081745	1.91E-06	2.84E-07	-5.32	5.7160505	-8.65E-02	67627382	67627505	NC_000005.9
cg08842441	1.91E-06	2.84E-07	-5.32	5.7157539	-5.83E-02	33211598	33211721	NC_000008.10
cg08644511	1.91E-06	2.84E-07	-5.32	5.7156191	-6.60E-02	9171147	9171270	NC_000001.10
cg15526153	1.91E-06	2.84E-07	-5.32	5.7155415	-4.45E-02	53559001	53559124	NC_000001.10
cg26673784	1.91E-06	2.84E-07	-5.32	5.7155245	-8.41E-02	80787497	80787620	NC_000010.10
cg15685811	1.91E-06	2.84E-07	-5.32	5.7148672	-5.63E-02	128998585	128998708	NC_000003.11
cg25047618	1.91E-06	2.84E-07	-5.32	5.7147852	-1.01E-01	126591842	126591965	NC_000012.11
cg03038262	1.92E-06	2.84E-07	-5.32	5.7140519	-1.27E-01	315262	315385	NC_000011.9
cg18557891	1.92E-06	2.84E-07	-5.32	5.7135834	-6.82E-02	60119099	60119222	NC_000020.10
cg09178385	1.92E-06	2.84E-07	-5.32	5.7129975	-7.88E-02	35246759	35246882	NC_000001.10
cg04774581	1.92E-06	2.85E-07	-5.32	5.7128471	-6.68E-02	133835822	133835945	NC_000010.10
cg14490025	1.92E-06	2.85E-07	-5.32	5.7127484	-1.16E-01	41703872	41703995	NC_000006.11
cg00902153	1.92E-06	2.85E-07	-5.32	5.7122639	-1.35E-01	188506715	188506838	NC_000003.11
cg04521409	1.92E-06	2.85E-07	-5.32	5.7119352	-1.18E-02	34287082	34287205	NC_000020.10
cg02296916	1.92E-06	2.85E-07	-5.32	5.7118973	-4.38E-02	82372944	82373067	NC_000005.9
cg12252759	1.92E-06	2.85E-07	-5.32	5.7118821	-1.20E-01	44581050	44581173	NC_000007.13
cg00911326	1.92E-06	2.85E-07	-5.32	5.7117864	-6.96E-02	45723587	45723710	NC_000017.10

cg21697667	1.92E-06	2.85E-07	-5.32	5.7117759	-8.39E-02	121298039	121298162	NC_000002.11
cg06844930	1.92E-06	2.85E-07	-5.32	5.7106494	-3.65E-02	125633631	125633754	NC_000004.11
cg18414429	1.92E-06	2.85E-07	-5.32	5.7105767	-4.10E-02	3505367	3505490	NC_000019.9
cg03293765	1.93E-06	2.86E-07	-5.32	5.7083258	-3.43E-02	59391280	59391403	NC_000003.11
cg08380284	1.93E-06	2.86E-07	-5.32	5.7072112	-2.48E-02	21852549	21852672	NC_000014.8
cg07124903	1.93E-06	2.86E-07	-5.32	5.7069305	-2.41E-02	245316477	245316600	NC_000001.10
cg16509239	1.93E-06	2.86E-07	-5.32	5.7067661	-9.31E-02	62212431	62212554	NC_000011.9
cg24516061	1.93E-06	2.86E-07	-5.32	5.7063379	-1.63E-02	62710773	62710896	NC_000020.10
cg00432953	1.93E-06	2.86E-07	-5.32	5.706141	-1.22E-01	184318884	184319007	NC_000003.11
cg16636204	1.93E-06	2.87E-07	-5.32	5.7048931	-7.10E-02	79701561	79701684	NC_000017.10
cg09580147	1.93E-06	2.87E-07	-5.32	5.7047635	-4.86E-02	22431764	22431887	NC_000016.9
cg15312943	1.93E-06	2.87E-07	-5.32	5.7047198	-1.03E-01	17843855	17843978	NC_000011.9
cg24237576	1.93E-06	2.87E-07	-5.32	5.7042869	-1.03E-01	2285775	2285898	NC_000016.9
cg13902210	1.94E-06	2.87E-07	-5.32	5.7039122	-1.45E-01	110754436	110754559	NC_000001.10
cg25447717	1.94E-06	2.88E-07	-5.32	5.7024805	-5.39E-02	183952205	183952328	NC_000003.11
cg14022501	1.94E-06	2.88E-07	-5.32	5.7013368	-6.83E-02	137335080	137335203	NC_000009.11
ch.2.147019764F	1.94E-06	2.88E-07	-5.32	5.7003053	-3.15E-02	147303294	147303417	NC_000002.11
cg01022345	1.94E-06	2.88E-07	-5.32	5.7000436	-7.97E-02	101317819	101317942	NC_000014.8
cg04087207	1.94E-06	2.88E-07	-5.32	5.6999764	-9.92E-02	31669392	31669515	NC_000020.10
cg01409597	1.94E-06	2.88E-07	-5.32	5.6999051	-5.24E-02	62586826	62586949	NC_000012.11
cg19634252	1.94E-06	2.89E-07	-5.32	5.6989441	-6.26E-02	38155144	38155267	NC_000004.11
cg22135685	1.95E-06	2.89E-07	-5.32	5.6982114	-7.25E-02	107205065	107205188	NC_000005.9
cg16724696	1.95E-06	2.89E-07	-5.32	5.6974468	-2.63E-02	118992527	118992650	NC_000011.9
cg03525467	1.95E-06	2.89E-07	-5.32	5.6973465	-7.77E-02	160098048	160098171	NC_000001.10
cg09525973	1.95E-06	2.89E-07	-5.32	5.6973105	-8.84E-02	133148746	133148869	NC_000012.11

cg10674793	1.95E-06	2.89E-07	-5.32	5.6972084	-1.08E-01	183872704	183872827	NC_000003.11
cg14210632	1.95E-06	2.89E-07	-5.32	5.6970814	-1.23E-01	93155030	93155153	NC_000014.8
cg10457005	1.95E-06	2.89E-07	-5.32	5.6964916	-1.55E-02	30457876	30457999	NC_000006.11
cg14171882	1.95E-06	2.89E-07	-5.32	5.6962469	-5.87E-02	48019441	48019564	NC_000007.13
cg17981028	1.95E-06	2.90E-07	-5.32	5.6958666	-3.93E-02	80288880	80289003	NC_000008.10
cg09985397	1.95E-06	2.90E-07	-5.32	5.6956679	-2.63E-02	57215915	57216038	NC_000016.9
cg16377679	1.95E-06	2.90E-07	-5.32	5.6956293	-1.20E-01	58388744	58388867	NC_000005.9
cg26524541	1.95E-06	2.90E-07	-5.31	5.6940352	-2.48E-02	41177097	41177220	NC_000017.10
cg27299712	1.95E-06	2.90E-07	-5.31	5.6936257	-5.26E-02	6550532	6550655	NC_000001.10
cg23837191	1.95E-06	2.90E-07	-5.31	5.6934558	-1.11E-01	77335239	77335362	NC_000018.9
cg03657549	1.96E-06	2.90E-07	-5.31	5.6930052	-2.29E-02	128116813	128116936	NC_000007.13
cg12474983	1.96E-06	2.90E-07	-5.31	5.6929439	-1.41E-02	43903196	43903319	NC_000010.10
cg01694331	1.96E-06	2.91E-07	-5.31	5.6925168	-8.47E-02	109273766	109273889	NC_000012.11
cg26787199	1.96E-06	2.91E-07	-5.31	5.691358	-5.28E-02	2044042	2044165	NC_000016.9
cg20640862	1.96E-06	2.91E-07	-5.31	5.6910046	-9.27E-02	77481302	77481425	NC_000012.11
cg00796728	1.96E-06	2.91E-07	-5.31	5.6908246	-1.72E-02	94276898	94277021	NC_000011.9
cg16519772	1.96E-06	2.91E-07	-5.31	5.6902422	-1.32E-01	31112957	31113080	NC_000006.11
cg08294136	1.96E-06	2.91E-07	-5.31	5.6900602	-1.21E-01	39760800	39760923	NC_000005.9
cg10225325	1.96E-06	2.91E-07	-5.31	5.6895985	-1.83E-02	167683897	167684020	NC_000001.10
ch.16.723175R	1.96E-06	2.91E-07	-5.31	5.6893885	-1.64E-02	23482588	23482711	NC_000016.9
cg05554494	1.96E-06	2.92E-07	-5.31	5.6889281	-7.89E-02	3306685	3306808	NC_000016.9
cg16966520	1.96E-06	2.92E-07	-5.31	5.6885442	-6.91E-02	206786174	206786297	NC_000001.10
cg11123440	1.96E-06	2.92E-07	-5.31	5.6883983	-1.38E-01	11619852	11619975	NC_000008.10
cg14473062	1.96E-06	2.92E-07	-5.31	5.6883833	-8.78E-02	97202887	97203010	NC_000014.8
cg12404181	1.96E-06	2.92E-07	-5.31	5.688365	-1.28E-01	5688515	5688638	NC_000010.10

cg22089942	1.97E-06	2.92E-07	-5.31	5.6878713	-7.46E-02	84050283	84050406	NC_000004.11
cg13316619	1.97E-06	2.92E-07	-5.31	5.6870431	-1.01E-01	73314754	73314877	NC_000015.9
cg02784780	1.97E-06	2.92E-07	-5.31	5.6869783	-7.84E-02	66119234	66119357	NC_000003.11
cg00579105	1.97E-06	2.92E-07	-5.31	5.6869688	-2.17E-02	31704587	31704710	NC_000006.11
cg21386586	1.97E-06	2.92E-07	-5.31	5.6868447	-7.79E-02	114321641	114321764	NC_000013.10
cg17398851	1.97E-06	2.92E-07	-5.31	5.6864866	-3.14E-02	47777507	47777630	NC_000019.9
cg25377475	1.97E-06	2.92E-07	-5.31	5.6864653	-2.84E-02	236030556	236030679	NC_000001.10
cg13754621	1.97E-06	2.93E-07	-5.31	5.6854186	-5.05E-02	85372582	85372705	NC_000009.11
cg13865610	1.97E-06	2.93E-07	-5.31	5.6852894	-1.23E-01	17598458	17598581	NC_000007.13
cg11150559	1.97E-06	2.93E-07	-5.31	5.6851152	-4.45E-02	156589031	156589154	NC_000001.10
cg10040922	1.97E-06	2.93E-07	-5.31	5.6849983	-4.05E-02	124778506	124778629	NC_000008.10
cg00365680	1.97E-06	2.93E-07	-5.31	5.6847125	-3.96E-02	42972339	42972462	NC_000007.13
cg18041006	1.97E-06	2.93E-07	-5.31	5.6842279	-4.25E-02	47364695	47364818	NC_000019.9
cg16365842	1.97E-06	2.93E-07	-5.31	5.6840389	-8.32E-02	170191057	170191180	NC_000006.11
cg22801134	1.97E-06	2.93E-07	-5.31	5.6839692	-9.81E-02	64210439	64210562	NC_000003.11
cg06607866	1.97E-06	2.93E-07	-5.31	5.6838759	-5.23E-02	67250809	67250932	NC_000011.9
cg05153781	1.97E-06	2.93E-07	-5.31	5.6832746	-1.02E-01	105132479	105132602	NC_000014.8
cg04078921	1.97E-06	2.93E-07	-5.31	5.6832562	-2.25E-02	26285441	26285564	NC_000006.11
cg21162938	1.97E-06	2.93E-07	-5.31	5.6828074	-1.04E-01	95115604	95115727	NC_000005.9
cg03334072	1.97E-06	2.93E-07	-5.31	5.6827407	-8.34E-02	150435779	150435902	NC_000007.13
cg06943316	1.97E-06	2.94E-07	-5.31	5.6825102	-1.02E-01	53025587	53025710	NC_000017.10
cg27000449	1.97E-06	2.94E-07	-5.31	5.6824426	-2.42E-02	2354192	2354315	NC_000007.13
cg11313765	1.98E-06	2.94E-07	-5.31	5.6818393	-4.83E-02	42896459	42896582	NC_000022.10
cg13038560	1.98E-06	2.94E-07	-5.31	5.6813716	-1.12E-01	200819113	200819236	NC_000002.11
cg03466007	1.98E-06	2.94E-07	-5.31	5.6811994	-7.80E-02	71716385	71716508	NC_000016.9

cg13035052	1.98E-06	2.94E-07	-5.31	5.6801534	-1.94E-02	4323854	4323977	NC_000016.9
cg13413384	1.98E-06	2.94E-07	-5.31	5.6798583	-1.04E-01	137302231	137302354	NC_000009.11
cg06683080	1.98E-06	2.94E-07	-5.31	5.6797818	-9.95E-02	40646549	40646672	NC_000015.9
cg22067839	1.98E-06	2.95E-07	-5.31	5.6793609	-6.85E-02	47889960	47890083	NC_000003.11
cg00748492	1.98E-06	2.95E-07	-5.31	5.6792567	-4.08E-02	22216446	22216569	NC_000010.10
cg12994591	1.98E-06	2.95E-07	-5.31	5.6791242	-1.13E-01	96975932	96976055	NC_000008.10
cg03235661	1.98E-06	2.95E-07	-5.31	5.6787954	-1.23E-01	60525775	60525898	NC_000020.10
cg21875532	1.98E-06	2.95E-07	-5.31	5.6784125	-2.67E-02	42109999	42110122	NC_000006.11
cg07945582	1.98E-06	2.95E-07	-5.31	5.6779054	-1.14E-01	26206579	26206702	NC_000007.13
cg06349851	1.99E-06	2.95E-07	-5.31	5.6766408	-1.11E-01	64193180	64193303	NC_000003.11
cg21877464	1.99E-06	2.95E-07	-5.31	5.6763037	-1.03E-01	151056339	151056462	NC_000005.9
cg21351543	1.99E-06	2.95E-07	-5.31	5.6761149	-1.98E-02	191399470	191399593	NC_000002.11
cg25363564	1.99E-06	2.96E-07	-5.31	5.6757917	-1.12E-01	111540348	111540471	NC_000010.10
cg05208878	1.99E-06	2.96E-07	-5.31	5.6757011	-6.36E-02	22901596	22901719	NC_000022.10
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cg13487284	1.99E-06	2.96E-07	-5.31	5.6742842	-4.52E-02	26794878	26795001	NC_000017.10
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cg18407136	1.99E-06	2.96E-07	-5.31	5.6734326	-1.23E-01	83681092	83681215	NC_000015.9
cg19589396	1.99E-06	2.97E-07	-5.31	5.6727638	-8.89E-02	103937374	103937497	NC_000008.10
cg13053825	1.99E-06	2.97E-07	-5.31	5.67247	-6.80E-02	65537964	65538087	NC_000015.9
cg14329673	2.00E-06	2.97E-07	-5.31	5.6717552	-4.87E-02	95732141	95732264	NC_000008.10
cg07046436	2.00E-06	2.97E-07	-5.31	5.671586	-5.16E-02	30663252	30663375	NC_000016.9
ch.8.31582255R	2.00E-06	2.97E-07	-5.31	5.6715767	-4.17E-02	31462713	31462836	NC_000008.10
cg17067544	2.00E-06	2.97E-07	-5.31	5.6712157	-1.25E-01	22765321	22765444	NC_000007.13



cg07319459	2.00E-06	2.97E-07	-5.31	5.6711797	-9.03E-02	17448608	17448731	NC_000001.10
cg01181009	2.00E-06	2.97E-07	-5.31	5.6711621	-8.49E-02	62305213	62305336	NC_000003.11
cg23634318	2.00E-06	2.97E-07	-5.31	5.6708836	-2.10E-02	46097671	46097794	NC_000006.11
cg08662074	2.00E-06	2.97E-07	-5.31	5.6708003	-7.47E-02	118915867	118915990	NC_000009.11
cg17695543	2.00E-06	2.98E-07	-5.31	5.6693525	-6.83E-02	8429614	8429737	NC_000019.9
cg10529470	2.00E-06	2.98E-07	-5.31	5.6693106	-5.83E-02	171766423	171766546	NC_000005.9
cg20987283	2.00E-06	2.98E-07	-5.31	5.6687879	-1.15E-01	135863314	135863437	NC_000008.10
cg15820868	2.00E-06	2.98E-07	-5.31	5.6675424	-6.37E-02	133105045	133105168	NC_000002.11
cg25620430	2.00E-06	2.98E-07	-5.31	5.6668233	-1.27E-01	53093405	53093528	NC_000015.9
cg09323395	2.01E-06	2.99E-07	-5.31	5.6661893	-6.58E-02	134980671	134980794	NC_000010.10
cg07196069	2.01E-06	2.99E-07	-5.31	5.665689	-2.85E-02	4491175	4491298	NC_000009.11
cg09123615	2.01E-06	2.99E-07	-5.31	5.6652283	-1.09E-01	7986477	7986600	NC_000004.11
cg15837382	2.01E-06	2.99E-07	-5.31	5.6648827	-2.49E-02	35332106	35332229	NC_000001.10
cg04952324	2.01E-06	2.99E-07	-5.31	5.664588	-1.10E-01	73727108	73727231	NC_000007.13
cg17283889	2.01E-06	2.99E-07	-5.31	5.6641212	-9.66E-02	1573743	1573866	NC_000005.9
cg14536784	2.01E-06	2.99E-07	-5.31	5.6633672	-2.72E-02	10542623	10542746	NC_000019.9
cg08843850	2.01E-06	2.99E-07	-5.31	5.6633302	-8.99E-02	199092823	199092946	NC_000001.10
cg01878839	2.01E-06	3.00E-07	-5.31	5.663008	-2.80E-02	8126381	8126504	NC_000017.10
cg03775991	2.01E-06	3.00E-07	-5.31	5.6628239	-8.54E-02	170589530	170589653	NC_000006.11
cg08236022	2.01E-06	3.00E-07	-5.31	5.6624414	-1.22E-01	93551014	93551137	NC_000007.13
cg07241154	2.01E-06	3.00E-07	-5.31	5.6620981	-1.82E-02	122517184	122517307	NC_000012.11
cg16396933	2.01E-06	3.00E-07	-5.31	5.6619832	-1.18E-01	104954103	104954226	NC_000010.10
cg13747275	2.01E-06	3.00E-07	-5.31	5.6619677	-9.58E-02	1992952	1993075	NC_000019.9
cg08535978	2.01E-06	3.00E-07	-5.31	5.6619393	-7.28E-02	152092595	152092718	NC_000003.11
cg07173049	2.01E-06	3.00E-07	-5.31	5.6619233	-8.58E-02	7289937	7290060	NC_000001.10

cg12779575	2.02E-06	3.00E-07	-5.31	5.6613058	-8.30E-02	62208434	62208557	NC_000017.10
cg01028287	2.02E-06	3.00E-07	-5.31	5.6612343	-8.87E-02	44275556	44275679	NC_000007.13
cg02941859	2.02E-06	3.00E-07	-5.31	5.6605508	-3.01E-02	99869835	99869958	NC_000007.13
cg03000419	2.02E-06	3.01E-07	-5.31	5.658904	-1.19E-01	82997694	82997817	NC_000011.9
cg08592234	2.02E-06	3.01E-07	-5.31	5.6588523	-9.50E-02	112895794	112895917	NC_000013.10
cg07913153	2.02E-06	3.01E-07	-5.31	5.6579817	-1.17E-01	236680761	236680884	NC_000001.10
cg26809868	2.02E-06	3.01E-07	-5.31	5.6578759	-6.23E-02	2886233	2886356	NC_000016.9
cg13367219	2.02E-06	3.01E-07	-5.31	5.6578044	-7.09E-02	28764033	28764156	NC_000012.11
cg04353769	2.02E-06	3.01E-07	-5.31	5.6570253	-8.40E-02	59951557	59951680	NC_000011.9
cg22522920	2.02E-06	3.01E-07	-5.31	5.6568006	-6.88E-02	50276512	50276635	NC_000012.11
cg24701772	2.02E-06	3.01E-07	-5.31	5.6566376	-6.82E-02	51888961	51889084	NC_000001.10
cg21109013	2.02E-06	3.02E-07	-5.31	5.6565333	-1.36E-02	27806393	27806516	NC_000006.11
cg08759960	2.02E-06	3.02E-07	-5.31	5.6562998	-1.46E-02	31649335	31649458	NC_000006.11
cg05931231	2.03E-06	3.02E-07	-5.31	5.6552581	-1.01E-01	11733759	11733882	NC_000012.11
cg21965995	2.03E-06	3.02E-07	-5.31	5.6551929	-8.30E-02	151771856	151771979	NC_000001.10
cg01388847	2.03E-06	3.02E-07	-5.31	5.6543136	-7.50E-02	412428	412551	NC_000016.9
cg24557048	2.03E-06	3.02E-07	-5.31	5.6540259	-1.20E-01	2063799	2063922	NC_000001.10
cg17064520	2.03E-06	3.02E-07	-5.31	5.6536295	-3.91E-02	98591758	98591881	NC_000010.10
cg15416233	2.03E-06	3.03E-07	-5.31	5.6522656	-3.20E-02	102505266	102505389	NC_000010.10
cg23008718	2.03E-06	3.03E-07	-5.31	5.6521946	-1.00E-01	43188851	43188974	NC_000002.11
cg05530317	2.03E-06	3.03E-07	-5.31	5.6516894	-8.47E-02	38445774	38445897	NC_000005.9
cg21713424	2.03E-06	3.03E-07	-5.31	5.651656	-2.04E-02	50535952	50536075	NC_000007.13
cg15310872	2.04E-06	3.03E-07	-5.31	5.6509289	-7.16E-02	100089398	100089521	NC_000014.8
cg02154268	2.04E-06	3.03E-07	-5.31	5.6509279	-3.93E-02	130648331	130648454	NC_000005.9
cg21243608	2.04E-06	3.03E-07	-5.31	5.6506286	-2.02E-02	74205946	74206069	NC_000008.10

cg17273588	2.04E-06	3.03E-07	-5.31	5.6502724	-7.65E-02	100760351	100760474	NC_000002.11
cg06484274	2.04E-06	3.04E-07	-5.31	5.6498887	-1.18E-01	142164840	142164963	NC_000003.11
cg13244592	2.04E-06	3.04E-07	-5.31	5.6498432	-3.17E-02	101158264	101158387	NC_000008.10
cg09979641	2.04E-06	3.04E-07	-5.31	5.6497187	-1.30E-01	135021100	135021223	NC_000010.10
cg20559634	2.04E-06	3.04E-07	-5.31	5.6494285	-1.09E-01	45609400	45609523	NC_000003.11
cg03220671	2.04E-06	3.04E-07	-5.3	5.6481227	-8.64E-02	201363221	201363344	NC_000001.10
cg15257539	2.04E-06	3.04E-07	-5.3	5.6474882	-6.40E-02	56855954	56856077	NC_000007.13
cg00879163	2.04E-06	3.04E-07	-5.3	5.647372	-2.47E-02	66386079	66386202	NC_000007.13
cg21071311	2.04E-06	3.05E-07	-5.3	5.6467544	-1.51E-02	57046473	57046596	NC_000014.8
cg26300461	2.04E-06	3.05E-07	-5.3	5.6465254	-1.28E-01	32401032	32401155	NC_000010.10
cg13938963	2.05E-06	3.05E-07	-5.3	5.6447587	-2.85E-02	68411314	68411437	NC_000004.11
cg08017202	2.05E-06	3.05E-07	-5.3	5.6447538	-8.23E-02	25575541	25575664	NC_000022.10
cg09539720	2.05E-06	3.06E-07	-5.3	5.6436814	-6.42E-02	150885458	150885581	NC_000007.13
cg11347708	2.05E-06	3.06E-07	-5.3	5.6435839	-8.42E-02	24475833	24475956	NC_000013.10
cg00791418	2.05E-06	3.06E-07	-5.3	5.6431998	-1.05E-02	84937337	84937460	NC_000006.11
cg22682162	2.05E-06	3.06E-07	-5.3	5.6422293	-1.40E-02	97731065	97731188	NC_000006.11
cg24142464	2.05E-06	3.06E-07	-5.3	5.6418636	-4.21E-02	40040489	40040612	NC_000001.10
cg13766096	2.05E-06	3.06E-07	-5.3	5.6417854	-1.92E-02	111365492	111365615	NC_000013.10
cg01121978	2.05E-06	3.06E-07	-5.3	5.6415695	-1.19E-01	5342326	5342449	NC_000007.13
cg21332426	2.06E-06	3.07E-07	-5.3	5.6399331	-5.08E-02	1373655	1373778	NC_000020.10
cg23053407	2.06E-06	3.07E-07	-5.3	5.6395507	-5.57E-02	104068312	104068435	NC_000001.10
cg18003659	2.06E-06	3.07E-07	-5.3	5.6393093	-9.97E-02	175629267	175629390	NC_000002.11
cg03001305	2.06E-06	3.07E-07	-5.3	5.638747	-1.38E-01	40439492	40439615	NC_000017.10
cg15835852	2.06E-06	3.07E-07	-5.3	5.6385275	-5.00E-02	38299584	38299707	NC_000022.10
cg07212747	2.06E-06	3.07E-07	-5.3	5.6379743	-1.20E-01	4539233	4539356	NC_000016.9

cg09234161	2.06E-06	3.07E-07	-5.3	5.6375478	-8.26E-02	57565147	57565270	NC_000016.9
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cg18500177	2.06E-06	3.08E-07	-5.3	5.6359523	-1.17E-01	69387218	69387341	NC_000008.10
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cg07262168	2.08E-06	3.10E-07	-5.3	5.6306678	-1.22E-01	141865108	141865231	NC_000004.11
cg11680590	2.08E-06	3.10E-07	-5.3	5.6300484	-1.24E-01	92701885	92702008	NC_000015.9
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cg07599389	2.08E-06	3.10E-07	-5.3	5.6296794	-8.61E-02	4890278	4890401	NC_000006.11
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cg16530970	2.08E-06	3.10E-07	-5.3	5.6293409	-1.09E-01	81134479	81134602	NC_000015.9
cg26833120	2.08E-06	3.10E-07	-5.3	5.629107	-9.82E-02	32169568	32169691	NC_000001.10
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cg16775971	2.08E-06	3.11E-07	-5.3	5.6260708	-1.49E-02	105412117	105412240	NC_000004.11
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cg08313382	2.09E-06	3.11E-07	-5.3	5.6250893	-8.93E-02	6822830	6822953	NC_000005.9

cg14863667	2.09E-06	3.11E-07	-5.3	5.6249943	-3.31E-02	104489185	104489308	NC_000010.10
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cg21220336	2.09E-06	3.11E-07	-5.3	5.6249502	-3.20E-02	79008793	79008916	NC_000009.11
cg26797073	2.09E-06	3.12E-07	-5.3	5.6248146	-1.30E-02	131129811	131129934	NC_000002.11
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cg15924693	2.09E-06	3.12E-07	-5.3	5.6223797	-1.01E-01	33359001	33359124	NC_000006.11
cg00152942	2.09E-06	3.12E-07	-5.3	5.621934	-1.25E-01	57125755	57125878	NC_000016.9
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cg21233517	2.09E-06	3.13E-07	-5.3	5.6209988	-2.68E-02	74058401	74058524	NC_000014.8
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cg23656755	2.10E-06	3.14E-07	-5.3	5.6181763	-3.30E-02	230203043	230203166	NC_000001.10
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cg24898863	2.10E-06	3.14E-07	-5.3	5.6174613	-1.09E-01	153363580	153363703	NC_000001.10
cg11412129	2.10E-06	3.14E-07	-5.3	5.617026	-1.10E-01	88928839	88928962	NC_000001.10
cg04108939	2.10E-06	3.14E-07	-5.3	5.6163243	-1.24E-01	45250181	45250304	NC_000001.10
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cg04988187	2.10E-06	3.14E-07	-5.3	5.6161084	-5.73E-02	80445147	80445270	NC_000015.9

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cg21962760	2.10E-06	3.15E-07	-5.3	5.6155507	-8.21E-02	144803661	144803784	NC_000008.10
cg14888176	2.11E-06	3.15E-07	-5.3	5.614975	-1.82E-02	48669363	48669486	NC_000013.10
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cg19550755	2.11E-06	3.15E-07	-5.3	5.6142346	-6.61E-02	18794896	18795019	NC_000011.9
cg08329473	2.11E-06	3.15E-07	-5.3	5.6140441	-7.68E-02	116133852	116133975	NC_000010.10
cg08346632	2.11E-06	3.15E-07	-5.3	5.6133364	-8.01E-02	161836595	161836718	NC_000006.11
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cg21230425	2.11E-06	3.15E-07	-5.3	5.6127634	-1.04E-01	64533826	64533949	NC_000007.13
cg21535462	2.11E-06	3.16E-07	-5.3	5.6121988	-5.75E-02	75905660	75905783	NC_000012.11
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cg00681566	2.12E-06	3.17E-07	-5.3	5.6080206	-5.44E-02	54170928	54171051	NC_000010.10
cg23413494	2.12E-06	3.17E-07	-5.3	5.6070429	-6.29E-02	17104280	17104403	NC_000008.10

cg05748691	2.12E-06	3.17E-07	-5.3	5.6069113	-3.54E-02	23053549	23053672	NC_000007.13
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cg21522159	2.12E-06	3.18E-07	-5.3	5.6059687	-8.68E-02	7252415	7252538	NC_000004.11
cg12082793	2.13E-06	3.18E-07	-5.3	5.6042606	-8.72E-02	20218923	20219046	NC_000001.10
cg25123225	2.13E-06	3.18E-07	-5.3	5.6035723	-3.65E-02	39063859	39063982	NC_000004.11
cg19091719	2.13E-06	3.19E-07	-5.3	5.6032933	-1.36E-01	149997515	149997638	NC_000005.9
cg19123966	2.13E-06	3.19E-07	-5.3	5.6027189	-5.57E-02	119192620	119192743	NC_000011.9
cg05051464	2.13E-06	3.19E-07	-5.29	5.6019804	-5.21E-02	19811322	19811445	NC_000001.10
cg27362439	2.13E-06	3.19E-07	-5.29	5.6018759	-1.66E-02	66234280	66234403	NC_000011.9
cg02643668	2.13E-06	3.19E-07	-5.29	5.6013521	-8.54E-02	2876182	2876305	NC_000002.11
cg17655614	2.14E-06	3.20E-07	-5.29	5.5997985	-6.26E-02	68770944	68771067	NC_000016.9
cg20990359	2.14E-06	3.20E-07	-5.29	5.5992014	-1.20E-01	99096365	99096488	NC_000013.10
cg06489615	2.14E-06	3.20E-07	-5.29	5.5985647	-3.48E-02	1518592	1518715	NC_000016.9
cg21300187	2.14E-06	3.20E-07	-5.29	5.5980228	-1.21E-01	38073560	38073683	NC_000017.10
cg15542880	2.14E-06	3.20E-07	-5.29	5.5976686	-4.66E-02	205114634	205114757	NC_000001.10
cg23818978	2.14E-06	3.20E-07	-5.29	5.5975875	-9.46E-02	118083239	118083362	NC_000011.9
cg10815165	2.14E-06	3.21E-07	-5.29	5.5962707	-3.33E-02	105212270	105212393	NC_000010.10
cg10886747	2.14E-06	3.21E-07	-5.29	5.5961404	-1.18E-01	81154142	81154265	NC_000010.10
cg22032626	2.14E-06	3.21E-07	-5.29	5.5959439	-8.53E-02	50203811	50203934	NC_000012.11
cg19086497	2.15E-06	3.21E-07	-5.29	5.5951124	-8.89E-02	74954620	74954743	NC_000011.9
cg08575249	2.15E-06	3.21E-07	-5.29	5.5949713	-5.57E-02	702123	702246	NC_000016.9
cg03029255	2.15E-06	3.21E-07	-5.29	5.5946664	-8.63E-02	144120681	144120804	NC_000008.10
cg11307134	2.15E-06	3.21E-07	-5.29	5.5945473	-6.64E-02	44079584	44079707	NC_000007.13
cg14846965	2.15E-06	3.21E-07	-5.29	5.5944713	-1.12E-01	13611481	13611604	NC_000018.9

cg16318882	2.15E-06	3.22E-07	-5.29	5.5942646	-7.37E-02	129912602	129912725	NC_000008.10
cg07327435	2.15E-06	3.22E-07	-5.29	5.5939634	-1.05E-01	40072031	40072154	NC_000008.10
cg03520282	2.15E-06	3.22E-07	-5.29	5.5938716	-9.03E-02	16856591	16856714	NC_000008.10
cg23240479	2.15E-06	3.22E-07	-5.29	5.5937469	-1.24E-01	126083901	126084024	NC_000011.9
cg07457967	2.15E-06	3.22E-07	-5.29	5.5936237	-1.04E-01	35069613	35069736	NC_000019.9
cg11093373	2.15E-06	3.22E-07	-5.29	5.5932809	-9.63E-02	31698899	31699022	NC_000006.11
cg14451560	2.15E-06	3.22E-07	-5.29	5.5931297	-3.19E-02	140499397	140499520	NC_000009.11
cg16583598	2.15E-06	3.22E-07	-5.29	5.5928555	-1.14E-01	4552496	4552619	NC_000019.9
cg04152921	2.15E-06	3.22E-07	-5.29	5.5923151	-2.57E-02	47495445	47495568	NC_000016.9
cg12157387	2.15E-06	3.22E-07	-5.29	5.5922418	-1.07E-01	206347777	206347900	NC_000002.11
cg21810793	2.15E-06	3.22E-07	-5.29	5.5922142	-9.48E-02	1103225	1103348	NC_000001.10
cg24407859	2.15E-06	3.22E-07	-5.29	5.592088	-2.73E-02	43411083	43411206	NC_000022.10
cg24535130	2.15E-06	3.23E-07	-5.29	5.5911249	-7.93E-02	79917287	79917410	NC_000017.10
cg09476092	2.15E-06	3.23E-07	-5.29	5.5911093	-1.10E-01	46787125	46787248	NC_000021.8
cg27302373	2.16E-06	3.23E-07	-5.29	5.5902334	-1.17E-01	220552108	220552231	NC_000001.10
cg06024215	2.16E-06	3.23E-07	-5.29	5.5897449	-8.56E-02	75210996	75211119	NC_000017.10
ch.8.1702176R	2.16E-06	3.23E-07	-5.29	5.5887681	-2.80E-02	81916823	81916946	NC_000008.10
cg05559445	2.16E-06	3.23E-07	-5.29	5.5883891	-1.06E-01	2907674	2907797	NC_000011.9
cg09552892	2.16E-06	3.24E-07	-5.29	5.5882016	-7.11E-02	88718274	88718397	NC_000010.10
cg24436022	2.16E-06	3.24E-07	-5.29	5.5880768	-9.17E-02	45691661	45691784	NC_000022.10
cg12464869	2.16E-06	3.24E-07	-5.29	5.5880658	-1.29E-02	155108011	155108134	NC_000001.10
cg10534658	2.16E-06	3.24E-07	-5.29	5.5880228	-1.07E-02	52904692	52904815	NC_000004.11
cg15829423	2.16E-06	3.24E-07	-5.29	5.5876197	-1.21E-01	68138862	68138985	NC_000011.9
cg16788250	2.16E-06	3.24E-07	-5.29	5.5873445	-2.11E-02	38538168	38538291	NC_000003.11
cg07788865	2.16E-06	3.24E-07	-5.29	5.5862388	-6.12E-02	30101042	30101165	NC_000010.10



cg05070265	2.17E-06	3.24E-07	-5.29	5.585797	-1.07E-01	55777041	55777164	NC_000003.11
cg08668676	2.17E-06	3.24E-07	-5.29	5.5856556	-2.26E-02	104614207	104614330	NC_000010.10
cg26677995	2.17E-06	3.24E-07	-5.29	5.5854596	-5.28E-02	1422907	1423030	NC_000011.9
cg02756915	2.17E-06	3.25E-07	-5.29	5.5846182	-3.58E-02	242824714	242824837	NC_000002.11
cg01716224	2.17E-06	3.25E-07	-5.29	5.5843817	-4.86E-02	40391434	40391557	NC_000022.10
cg06462874	2.17E-06	3.25E-07	-5.29	5.5832427	-8.78E-02	7342585	7342708	NC_000017.10
cg22199118	2.17E-06	3.25E-07	-5.29	5.5829116	-1.01E-01	69350927	69351050	NC_000008.10
cg06419846	2.17E-06	3.25E-07	-5.29	5.5828261	-7.71E-02	66083697	66083820	NC_000011.9
cg05671385	2.17E-06	3.25E-07	-5.29	5.5824164	-1.63E-01	104915759	104915882	NC_000011.9
cg01483653	2.17E-06	3.26E-07	-5.29	5.5822489	-4.58E-02	50015511	50015634	NC_000019.9
cg11932891	2.17E-06	3.26E-07	-5.29	5.5819413	-8.15E-02	105354444	105354567	NC_000007.13
cg17787710	2.17E-06	3.26E-07	-5.29	5.5814655	-5.26E-02	79989039	79989162	NC_000017.10
cg26561254	2.17E-06	3.26E-07	-5.29	5.5812576	-9.46E-02	89164044	89164167	NC_000015.9
cg27604101	2.18E-06	3.26E-07	-5.29	5.5807973	-5.07E-02	60630659	60630782	NC_000017.10
cg18027946	2.18E-06	3.26E-07	-5.29	5.5807901	-1.81E-02	45758982	45759105	NC_000021.8
cg01577001	2.18E-06	3.26E-07	-5.29	5.5802485	-2.43E-02	982767	982890	NC_000019.9
cg21692516	2.18E-06	3.26E-07	-5.29	5.5799294	-7.34E-02	48938264	48938387	NC_000001.10
cg10233454	2.18E-06	3.26E-07	-5.29	5.5799107	-9.73E-02	57529389	57529512	NC_000012.11
cg26090849	2.18E-06	3.26E-07	-5.29	5.5795987	-1.34E-01	1375330	1375453	NC_000011.9
cg22043381	2.18E-06	3.26E-07	-5.29	5.5794156	-5.26E-02	123850540	123850663	NC_000008.10
cg27017993	2.18E-06	3.27E-07	-5.29	5.579295	-8.01E-02	74814040	74814163	NC_000014.8
cg02648441	2.18E-06	3.27E-07	-5.29	5.5789704	-6.09E-02	89242827	89242950	NC_000016.9
cg17276002	2.18E-06	3.27E-07	-5.29	5.5782881	-3.90E-02	75172806	75172929	NC_000010.10
cg21241410	2.18E-06	3.27E-07	-5.29	5.5777759	-1.33E-01	43267816	43267939	NC_000002.11
cg04617606	2.18E-06	3.27E-07	-5.29	5.5773229	-9.46E-02	167770232	167770355	NC_000005.9

cg26229043	2.18E-06	3.27E-07	-5.29	5.5772938	-1.17E-01	24407477	24407600	NC_000010.10
cg06707236	2.18E-06	3.27E-07	-5.29	5.5772504	-1.01E-01	911965	912088	NC_000019.9
cg24049880	2.18E-06	3.27E-07	-5.29	5.5769293	-1.26E-01	161171211	161171334	NC_000001.10
cg11590932	2.18E-06	3.27E-07	-5.29	5.5766254	-1.13E-01	141251615	141251738	NC_000005.9
cg10987347	2.18E-06	3.27E-07	-5.29	5.5766162	-5.97E-02	12559783	12559906	NC_000001.10
cg06639267	2.18E-06	3.27E-07	-5.29	5.5764152	-1.04E-01	743338	743461	NC_000016.9
cg22424903	2.19E-06	3.28E-07	-5.29	5.5758484	-1.11E-01	35454434	35454557	NC_000006.11
cg09256930	2.19E-06	3.28E-07	-5.29	5.5749661	-6.11E-02	26575633	26575756	NC_000017.10
cg25704036	2.19E-06	3.28E-07	-5.29	5.5745593	-1.27E-01	3221150	3221273	NC_000007.13
cg22226527	2.19E-06	3.28E-07	-5.29	5.5740791	-5.39E-02	48823408	48823531	NC_000019.9
cg05614176	2.19E-06	3.28E-07	-5.29	5.5739791	-1.63E-02	113242512	113242635	NC_000013.10
cg19514721	2.19E-06	3.28E-07	-5.29	5.5734267	-1.23E-01	141813298	141813421	NC_000005.9
cg01088546	2.19E-06	3.29E-07	-5.29	5.5733837	-7.56E-02	26527858	26527981	NC_000012.11
cg06843240	2.19E-06	3.29E-07	-5.29	5.5731207	-1.71E-02	9488961	9489084	NC_000001.10
cg10765857	2.19E-06	3.29E-07	-5.29	5.5729945	-6.06E-02	6948101	6948224	NC_000011.9
cg22369787	2.19E-06	3.29E-07	-5.29	5.572992	-5.92E-02	37180443	37180566	NC_000015.9
cg19697559	2.19E-06	3.29E-07	-5.29	5.5728792	-6.61E-02	5510675	5510798	NC_000007.13
cg01251118	2.19E-06	3.29E-07	-5.29	5.5725014	-8.15E-02	98050646	98050769	NC_000012.11
cg05747424	2.19E-06	3.29E-07	-5.29	5.5716052	-1.72E-02	64108561	64108684	NC_000014.8
cg18875453	2.19E-06	3.29E-07	-5.29	5.5715806	-8.18E-02	50517795	50517918	NC_000022.10
cg20961642	2.20E-06	3.29E-07	-5.29	5.5711523	-1.86E-02	30690567	30690690	NC_000006.11
cg09804496	2.20E-06	3.29E-07	-5.29	5.5710625	-1.18E-01	72850442	72850565	NC_000007.13
cg23735214	2.20E-06	3.29E-07	-5.29	5.5709906	-4.76E-02	77595033	77595156	NC_000011.9
cg13261938	2.20E-06	3.30E-07	-5.29	5.5703815	-8.88E-02	34956742	34956865	NC_000017.10
cg27200006	2.20E-06	3.30E-07	-5.29	5.5700646	-1.16E-01	25003854	25003977	NC_000022.10

cg14989815	2.20E-06	3.30E-07	-5.29	5.569885	-8.32E-02	23939645	23939768	NC_000001.10
cg17855016	2.20E-06	3.30E-07	-5.29	5.5691783	-2.66E-02	113242518	113242641	NC_000013.10
cg00023233	2.20E-06	3.30E-07	-5.29	5.5688656	-2.64E-02	126077698	126077821	NC_000010.10
cg19880608	2.20E-06	3.30E-07	-5.29	5.5688134	-9.82E-02	112568208	112568331	NC_000005.9
cg05392364	2.20E-06	3.30E-07	-5.29	5.5685547	-7.90E-02	78556860	78556983	NC_000015.9
cg02493217	2.20E-06	3.31E-07	-5.29	5.5672466	-8.57E-02	42806405	42806528	NC_000001.10
cg26061593	2.20E-06	3.31E-07	-5.29	5.5670264	-8.70E-02	8643968	8644091	NC_000004.11
cg09049982	2.21E-06	3.31E-07	-5.29	5.5665193	-1.01E-01	32950073	32950196	NC_000020.10
cg12228061	2.21E-06	3.31E-07	-5.29	5.5657245	-5.30E-02	116382677	116382800	NC_000012.11
cg12566780	2.21E-06	3.31E-07	-5.29	5.5655954	-2.19E-02	92157604	92157727	NC_000007.13
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cg02016130	2.21E-06	3.31E-07	-5.29	5.5650523	-2.72E-02	53578359	53578482	NC_000004.11
cg15352431	2.21E-06	3.31E-07	-5.29	5.5648672	-2.56E-02	226896008	226896131	NC_000002.11
cg09271097	2.21E-06	3.32E-07	-5.29	5.5637958	-1.33E-01	137620868	137620991	NC_000007.13
cg00141925	2.21E-06	3.32E-07	-5.29	5.5636507	-8.84E-02	9231867	9231990	NC_000012.11
cg02054542	2.21E-06	3.32E-07	-5.29	5.563318	-1.04E-01	129658241	129658364	NC_000002.11
cg03492827	2.21E-06	3.32E-07	-5.29	5.5632314	-9.92E-02	72838601	72838724	NC_000007.13
cg22380139	2.21E-06	3.32E-07	-5.29	5.5627559	-1.06E-01	37373894	37374017	NC_000008.10
cg09147843	2.22E-06	3.32E-07	-5.29	5.5617936	-1.18E-01	53467612	53467735	NC_000016.9
cg00698906	2.22E-06	3.32E-07	-5.29	5.5617207	-3.01E-02	48619308	48619431	NC_000017.10
cg22663489	2.22E-06	3.33E-07	-5.29	5.5616683	-1.28E-01	64107720	64107843	NC_000011.9
cg19722371	2.22E-06	3.33E-07	-5.29	5.5616141	-3.08E-02	102271755	102271878	NC_000012.11
cg00813162	2.22E-06	3.33E-07	-5.29	5.5613124	-7.05E-02	69443362	69443485	NC_000014.8
cg17610333	2.22E-06	3.33E-07	-5.29	5.5612524	-1.14E-01	168107313	168107436	NC_000006.11
cg20212364	2.22E-06	3.33E-07	-5.29	5.5609308	-1.02E-01	101745102	101745225	NC_000004.11

cg26992028	2.22E-06	3.33E-07	-5.29	5.5603906	-1.00E-01	1030287	1030410	NC_000007.13
cg01708458	2.22E-06	3.33E-07	-5.29	5.5593519	-9.18E-02	49097906	49098029	NC_000002.11
cg09417640	2.22E-06	3.33E-07	-5.29	5.5590718	-9.83E-02	99723162	99723285	NC_000007.13
cg20311065	2.22E-06	3.33E-07	-5.29	5.5589724	-1.41E-01	85886364	85886487	NC_000015.9
cg09035101	2.22E-06	3.34E-07	-5.29	5.5579972	-3.20E-02	155881569	155881692	NC_000001.10
cg01060952	2.22E-06	3.34E-07	-5.29	5.5575466	-2.15E-02	48424106	48424229	NC_000017.10
cg18406700	2.23E-06	3.35E-07	-5.28	5.5556384	-1.11E-01	116833441	116833564	NC_000006.11
cg02716218	2.23E-06	3.35E-07	-5.28	5.5548147	-9.48E-02	17813208	17813331	NC_000007.13
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cg01579019	2.24E-06	3.36E-07	-5.28	5.5521657	-2.81E-02	27695516	27695639	NC_000008.10
cg03553765	2.24E-06	3.36E-07	-5.28	5.5521003	-5.30E-02	85485741	85485864	NC_000002.11
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cg13617812	2.24E-06	3.36E-07	-5.28	5.5502835	-9.98E-02	63694990	63695113	NC_000015.9
cg20028291	2.24E-06	3.37E-07	-5.28	5.5500071	-1.57E-02	49411856	49411979	NC_000020.10
cg08363925	2.24E-06	3.37E-07	-5.28	5.549709	-2.67E-02	86511378	86511501	NC_000011.9
cg16594958	2.24E-06	3.37E-07	-5.28	5.5495127	-7.92E-02	3208793	3208916	NC_000007.13
cg04061873	2.24E-06	3.37E-07	-5.28	5.549472	-4.55E-02	67237179	67237302	NC_000011.9
cg23844174	2.24E-06	3.37E-07	-5.28	5.5492754	-5.37E-02	2064819	2064942	NC_000001.10

cg27499105	2.24E-06	3.37E-07	-5.28	5.5490879	-9.03E-02	86337823	86337946	NC_000016.9
cg21252725	2.25E-06	3.37E-07	-5.28	5.547681	-3.03E-02	37800822	37800945	NC_000009.11
cg14530006	2.25E-06	3.37E-07	-5.28	5.5476171	-6.58E-02	75472168	75472291	NC_000017.10
ch.14.1402140F	2.25E-06	3.37E-07	-5.28	5.5476123	-4.04E-02	89981678	89981801	NC_000014.8
cg07785726	2.25E-06	3.37E-07	-5.28	5.5474296	-3.57E-02	50159788	50159911	NC_000013.10
cg05422394	2.25E-06	3.38E-07	-5.28	5.5465213	-7.94E-02	139482902	139483025	NC_000004.11
cg06151505	2.25E-06	3.38E-07	-5.28	5.5463493	-3.33E-02	138866874	138866997	NC_000003.11
cg06415087	2.25E-06	3.38E-07	-5.28	5.5459307	-6.84E-02	12726571	12726694	NC_000007.13
cg16316755	2.25E-06	3.38E-07	-5.28	5.5453938	-9.85E-02	20091056	20091179	NC_000012.11
cg01827195	2.25E-06	3.38E-07	-5.28	5.5451219	-1.02E-01	226265799	226265922	NC_000002.11
cg18401108	2.25E-06	3.38E-07	-5.28	5.5449127	-6.39E-02	238116756	238116879	NC_000002.11
cg01507342	2.25E-06	3.38E-07	-5.28	5.5446674	-8.68E-02	65387096	65387219	NC_000017.10
cg23599973	2.25E-06	3.38E-07	-5.28	5.5445675	-5.87E-02	5956586	5956709	NC_000011.9
cg11781339	2.26E-06	3.39E-07	-5.28	5.542974	-1.58E-02	56092040	56092163	NC_000019.9
cg15404971	2.26E-06	3.39E-07	-5.28	5.5427353	-9.89E-02	7392579	7392702	NC_000005.9
cg21842199	2.26E-06	3.39E-07	-5.28	5.5425421	-8.71E-02	16282410	16282533	NC_000017.10
cg07903023	2.26E-06	3.40E-07	-5.28	5.5414279	-1.04E-01	239048072	239048195	NC_000002.11
cg10770230	2.26E-06	3.40E-07	-5.28	5.541272	-1.08E-01	872735	872858	NC_000007.13
cg23731908	2.26E-06	3.40E-07	-5.28	5.5404995	-7.41E-02	48687756	48687879	NC_000015.9
cg12341179	2.26E-06	3.40E-07	-5.28	5.5404461	-3.61E-02	176981644	176981767	NC_000005.9
cg22929506	2.26E-06	3.40E-07	-5.28	5.5396817	-5.23E-02	219137490	219137613	NC_000002.11
cg17640322	2.26E-06	3.40E-07	-5.28	5.5392276	-1.55E-02	35160462	35160585	NC_000011.9
cg09209669	2.26E-06	3.40E-07	-5.28	5.539044	-9.21E-02	8770954	8771077	NC_000017.10
cg13986503	2.26E-06	3.40E-07	-5.28	5.5387052	-2.04E-02	126152983	126153106	NC_000011.9
cg14036684	2.26E-06	3.41E-07	-5.28	5.5386268	-2.18E-02	107436483	107436606	NC_000011.9

cg22357390	2.27E-06	3.41E-07	-5.28	5.5380675	-1.12E-01	11871736	11871859	NC_000012.11
cg03162492	2.27E-06	3.41E-07	-5.28	5.5378955	-5.91E-02	134010471	134010594	NC_000003.11
cg03160378	2.27E-06	3.41E-07	-5.28	5.5376662	-7.66E-02	44880700	44880823	NC_000021.8
cg13729392	2.27E-06	3.41E-07	-5.28	5.537333	-9.50E-03	70826495	70826618	NC_000014.8
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cg24504518	2.27E-06	3.42E-07	-5.28	5.5351588	-2.40E-02	3026553	3026676	NC_000020.10
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cg23136799	2.27E-06	3.42E-07	-5.28	5.534209	-1.17E-01	167763819	167763942	NC_000006.11
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cg23164993	2.28E-06	3.42E-07	-5.28	5.5330224	-1.23E-02	65613294	65613417	NC_000001.10
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cg18166959	2.28E-06	3.43E-07	-5.28	5.5316852	-1.02E-01	230880084	230880207	NC_000001.10
cg15965815	2.28E-06	3.43E-07	-5.28	5.5310354	-4.47E-02	29840083	29840206	NC_000010.10
cg01048372	2.28E-06	3.43E-07	-5.28	5.5306976	-1.16E-01	144655484	144655607	NC_000008.10
cg03760387	2.28E-06	3.43E-07	-5.28	5.5301375	-5.58E-02	19566823	19566946	NC_000016.9
cg01643563	2.28E-06	3.44E-07	-5.28	5.5299544	-7.07E-02	1206750	1206873	NC_000016.9
cg04652282	2.29E-06	3.44E-07	-5.28	5.5283686	-1.11E-01	68944366	68944489	NC_000008.10
cg05195017	2.29E-06	3.44E-07	-5.28	5.5282855	-1.30E-01	242758725	242758848	NC_000002.11
cg16808156	2.29E-06	3.44E-07	-5.28	5.5279839	-1.02E-01	3835875	3835998	NC_000020.10
cg10838757	2.29E-06	3.44E-07	-5.28	5.5278364	-2.25E-02	130507273	130507396	NC_000005.9
cg00728585	2.29E-06	3.44E-07	-5.28	5.5278004	-7.97E-02	81020380	81020503	NC_000015.9
cg03467001	2.29E-06	3.44E-07	-5.28	5.527533	-1.41E-01	183857649	183857772	NC_000001.10
cg06717615	2.29E-06	3.45E-07	-5.28	5.5261697	-6.77E-02	32786764	32786887	NC_000013.10

cg13834670	2.29E-06	3.45E-07	-5.28	5.5252517	-5.16E-02	129677390	129677513	NC_000009.11
cg10276869	2.29E-06	3.45E-07	-5.28	5.5248255	-1.02E-01	85336004	85336127	NC_000016.9
cg11429271	2.30E-06	3.45E-07	-5.28	5.5246487	-4.70E-02	45722346	45722469	NC_000015.9
cg14185201	2.30E-06	3.46E-07	-5.28	5.5243001	-7.98E-02	79162188	79162311	NC_000014.8
cg09539256	2.30E-06	3.46E-07	-5.28	5.5237505	-2.04E-02	65626522	65626645	NC_000011.9
cg13288621	2.30E-06	3.46E-07	-5.28	5.5233524	-1.24E-01	131662148	131662271	NC_000008.10
cg19327375	2.30E-06	3.46E-07	-5.28	5.5230244	-6.45E-02	4186439	4186562	NC_000019.9
cg13329789	2.30E-06	3.47E-07	-5.28	5.5208637	-9.27E-02	45757644	45757767	NC_000007.13
cg08029299	2.30E-06	3.47E-07	-5.28	5.5208173	-6.82E-02	201531514	201531637	NC_000001.10
cg04621944	2.31E-06	3.47E-07	-5.28	5.5201369	-1.06E-01	5080448	5080571	NC_000001.10
cg11383427	2.31E-06	3.47E-07	-5.28	5.5199904	-6.25E-02	126754952	126755075	NC_000003.11
cg05689208	2.31E-06	3.47E-07	-5.28	5.5199236	-7.57E-02	49496391	49496514	NC_000008.10
cg11738299	2.31E-06	3.48E-07	-5.28	5.518618	-1.72E-02	112282125	112282248	NC_000001.10
cg03304299	2.31E-06	3.48E-07	-5.28	5.5181363	-1.44E-02	17565742	17565865	NC_000022.10
ch.16.725323R	2.31E-06	3.48E-07	-5.28	5.5169872	-1.81E-02	23535908	23536031	NC_000016.9
cg04151612	2.31E-06	3.48E-07	-5.28	5.5165511	-3.86E-02	9932217	9932340	NC_000003.11
cg10172783	2.31E-06	3.48E-07	-5.28	5.5163911	-9.63E-02	42082036	42082159	NC_000017.10
cg04381957	2.31E-06	3.49E-07	-5.28	5.5157883	-1.21E-01	16550461	16550584	NC_000003.11
cg14949630	2.32E-06	3.49E-07	-5.28	5.5155615	-3.99E-02	151258879	151259002	NC_000006.11
cg09309979	2.32E-06	3.49E-07	-5.28	5.5137139	-5.82E-02	13818133	13818256	NC_000010.10
cg10255535	2.32E-06	3.49E-07	-5.28	5.513687	-6.76E-02	114309283	114309406	NC_000002.11
cg22511408	2.32E-06	3.49E-07	-5.28	5.5134757	-3.34E-02	6378790	6378913	NC_000005.9
cg21585512	2.32E-06	3.50E-07	-5.28	5.5132387	-1.13E-01	122030076	122030199	NC_000011.9
cg26597982	2.32E-06	3.50E-07	-5.28	5.5127455	-2.73E-02	143484414	143484537	NC_000008.10
cg02152650	2.32E-06	3.50E-07	-5.28	5.5117862	-7.89E-02	54968922	54969045	NC_000001.10

cg02910281	2.32E-06	3.50E-07	-5.28	5.5113358	-6.46E-02	39407451	39407574	NC_000001.10
cg23068989	2.33E-06	3.50E-07	-5.28	5.5111544	-8.57E-02	64689428	64689551	NC_000001.10
cg10534904	2.33E-06	3.50E-07	-5.28	5.5110617	-9.23E-02	65438215	65438338	NC_000014.8
cg17706173	2.33E-06	3.50E-07	-5.28	5.5110179	-8.60E-02	1582581	1582704	NC_000016.9
cg09953710	2.33E-06	3.51E-07	-5.28	5.5105681	-5.43E-02	1199524	1199647	NC_000016.9
cg00750555	2.33E-06	3.51E-07	-5.27	5.5099132	-9.78E-02	22204290	22204413	NC_000016.9
cg16236679	2.33E-06	3.51E-07	-5.27	5.5098235	-6.87E-02	96123321	96123444	NC_000011.9
cg24345551	2.33E-06	3.51E-07	-5.27	5.5095225	-6.45E-02	33360652	33360775	NC_000006.11
cg06844545	2.33E-06	3.51E-07	-5.27	5.5093973	-5.83E-02	163836348	163836471	NC_000006.11
cg10164987	2.33E-06	3.51E-07	-5.27	5.5093163	-2.86E-02	63816052	63816175	NC_000002.11
cg09721595	2.33E-06	3.51E-07	-5.27	5.5091072	-1.27E-01	77773924	77774047	NC_000011.9
cg26004221	2.33E-06	3.51E-07	-5.27	5.5084408	-6.31E-02	45718464	45718587	NC_000011.9
cg05247341	2.33E-06	3.51E-07	-5.27	5.5078427	-2.23E-02	74666916	74667039	NC_000015.9
cg11210880	2.33E-06	3.52E-07	-5.27	5.5076169	-9.01E-02	11779911	11780034	NC_000006.11
cg09363128	2.33E-06	3.52E-07	-5.27	5.5069523	-7.71E-02	85478932	85479055	NC_000016.9
cg09507215	2.33E-06	3.52E-07	-5.27	5.5066943	-9.04E-02	113348391	113348514	NC_000013.10
cg04978831	2.34E-06	3.52E-07	-5.27	5.5058436	-1.09E-01	163730368	163730491	NC_000006.11
cg11870100	2.34E-06	3.52E-07	-5.27	5.5058307	-6.53E-02	34534542	34534665	NC_000011.9
cg08697665	2.34E-06	3.52E-07	-5.27	5.5054229	-7.46E-02	158450590	158450713	NC_000003.11
cg18229196	2.34E-06	3.53E-07	-5.27	5.5043811	-7.67E-02	134827324	134827447	NC_000010.10
cg18089519	2.34E-06	3.53E-07	-5.27	5.5043587	-1.05E-01	763339	763462	NC_000011.9
cg03550075	2.34E-06	3.53E-07	-5.27	5.5042852	-5.31E-02	132278448	132278571	NC_000012.11
cg21920167	2.34E-06	3.53E-07	-5.27	5.504234	-4.00E-02	77451623	77451746	NC_000014.8
cg17338816	2.34E-06	3.53E-07	-5.27	5.5042214	-1.36E-01	2607424	2607547	NC_000007.13
cg00255099	2.34E-06	3.53E-07	-5.27	5.5041543	-8.16E-02	1225525	1225648	NC_000005.9



ch.2.105901354F	2.34E-06	3.53E-07	-5.27	5.5023676	-4.84E-02	106534922	106535045	NC_000002.11
cg00459944	2.34E-06	3.54E-07	-5.27	5.5022927	-2.55E-02	39148298	39148421	NC_000003.11
cg22884732	2.34E-06	3.54E-07	-5.27	5.5021944	-1.87E-02	79925999	79926122	NC_000017.10
cg23402467	2.34E-06	3.54E-07	-5.27	5.5021467	-7.68E-02	49533485	49533608	NC_000008.10
cg21747005	2.35E-06	3.54E-07	-5.27	5.5017831	-5.84E-02	116598981	116599104	NC_000012.11
cg27136344	2.35E-06	3.54E-07	-5.27	5.5017204	-9.69E-02	80606911	80607034	NC_000017.10
cg14612133	2.35E-06	3.54E-07	-5.27	5.5011284	-1.26E-01	14406585	14406708	NC_000005.9
cg15088679	2.35E-06	3.54E-07	-5.27	5.5008676	-2.46E-02	182573748	182573871	NC_000001.10
cg15897368	2.35E-06	3.54E-07	-5.27	5.5008389	-9.90E-02	70466122	70466245	NC_000014.8
cg23599640	2.35E-06	3.54E-07	-5.27	5.5008251	-1.23E-02	127864941	127865064	NC_000002.11
cg24698488	2.35E-06	3.54E-07	-5.27	5.5007437	-6.12E-02	23315866	23315989	NC_000014.8
cg14027288	2.35E-06	3.54E-07	-5.27	5.5002748	-1.07E-01	180923683	180923806	NC_000001.10
cg05055760	2.35E-06	3.54E-07	-5.27	5.500033	-6.68E-02	20711985	20712108	NC_000018.9
cg21074766	2.35E-06	3.54E-07	-5.27	5.4997154	-1.04E-01	99069077	99069200	NC_000015.9
cg03507119	2.35E-06	3.55E-07	-5.27	5.4988406	-6.43E-02	49588245	49588368	NC_000003.11
cg20792256	2.35E-06	3.55E-07	-5.27	5.4988104	-6.72E-02	14992047	14992170	NC_000019.9
cg22187733	2.35E-06	3.55E-07	-5.27	5.4980749	-9.16E-02	50464781	50464904	NC_000019.9
cg26872706	2.35E-06	3.55E-07	-5.27	5.4976663	-2.61E-02	12551931	12552054	NC_000019.9
cg18259342	2.36E-06	3.55E-07	-5.27	5.4973054	-6.37E-02	219184859	219184982	NC_000002.11
cg20597117	2.36E-06	3.55E-07	-5.27	5.4972914	-1.87E-02	117824011	117824134	NC_000007.13
cg21243750	2.36E-06	3.56E-07	-5.27	5.4966494	-5.55E-02	14883945	14884068	NC_000009.11
ch.22.707968R	2.36E-06	3.56E-07	-5.27	5.4966038	-1.15E-02	40756033	40756156	NC_000022.10
cg06638012	2.36E-06	3.56E-07	-5.27	5.496593	-4.36E-02	132299861	132299984	NC_000005.9
cg03322234	2.36E-06	3.56E-07	-5.27	5.4963344	-1.15E-01	1022643	1022766	NC_000007.13
ch.15.825727F	2.36E-06	3.57E-07	-5.27	5.4939507	-4.00E-02	59940044	59940167	NC_000015.9

cg13285004	2.36E-06	3.57E-07	-5.27	5.4932253	-1.49E-01	120008484	120008607	NC_000011.9
cg27538026	2.37E-06	3.57E-07	-5.27	5.4930291	-1.94E-02	155164351	155164474	NC_000001.10
cg01323212	2.37E-06	3.57E-07	-5.27	5.4929678	-7.72E-02	42719001	42719124	NC_000006.11
cg02057716	2.37E-06	3.57E-07	-5.27	5.4928903	-6.64E-02	218807759	218807882	NC_000002.11
cg05775451	2.37E-06	3.57E-07	-5.27	5.4926995	-2.36E-02	228353712	228353835	NC_000001.10
cg21602160	2.37E-06	3.57E-07	-5.27	5.4925088	-6.82E-02	41003272	41003395	NC_000017.10
cg26645655	2.37E-06	3.57E-07	-5.27	5.4922864	-8.81E-02	84851738	84851861	NC_000003.11
cg14769703	2.37E-06	3.57E-07	-5.27	5.4920714	-7.60E-02	43818695	43818818	NC_000010.10
cg01481646	2.37E-06	3.58E-07	-5.27	5.4907317	-9.24E-02	82217548	82217671	NC_000010.10
cg14671809	2.37E-06	3.58E-07	-5.27	5.4905661	-1.18E-01	55558213	55558336	NC_000003.11
cg09123307	2.37E-06	3.58E-07	-5.27	5.4903104	-2.57E-02	6746650	6746773	NC_000007.13
cg10111816	2.37E-06	3.58E-07	-5.27	5.4901619	-9.92E-02	22384715	22384838	NC_000016.9
cg02363593	2.37E-06	3.58E-07	-5.27	5.4900177	-1.19E-01	169123192	169123315	NC_000005.9
cg09063787	2.37E-06	3.58E-07	-5.27	5.4899891	-3.64E-02	2921766	2921889	NC_000012.11
cg03228555	2.37E-06	3.58E-07	-5.27	5.4890593	-1.08E-01	45174912	45175035	NC_000019.9
cg16655661	2.38E-06	3.58E-07	-5.27	5.4887035	-3.57E-02	75213778	75213901	NC_000008.10
cg13777502	2.38E-06	3.59E-07	-5.27	5.4885647	-2.80E-02	66031814	66031937	NC_000017.10
cg09514174	2.38E-06	3.59E-07	-5.27	5.4884983	-1.01E-01	36916681	36916804	NC_000001.10
cg06306519	2.38E-06	3.59E-07	-5.27	5.4884388	-9.91E-02	87304894	87305017	NC_000002.11
cg12565635	2.38E-06	3.59E-07	-5.27	5.4884068	-1.21E-01	16845331	16845454	NC_000007.13
cg05861512	2.38E-06	3.59E-07	-5.27	5.4880462	-1.45E-01	94442960	94443083	NC_000014.8
cg17095489	2.38E-06	3.59E-07	-5.27	5.4877483	-1.00E-01	128264282	128264405	NC_000008.10
cg17165158	2.38E-06	3.59E-07	-5.27	5.4876671	-1.42E-01	2182612	2182735	NC_000001.10
cg25025966	2.38E-06	3.59E-07	-5.27	5.4863378	-7.09E-02	159581121	159581244	NC_000002.11
cg19627538	2.38E-06	3.59E-07	-5.27	5.4861794	-2.10E-02	1090557	1090680	NC_000017.10

cg16329014	2.39E-06	3.60E-07	-5.27	5.4840678	-6.68E-02	77478813	77478936	NC_000017.10
cg00864183	2.39E-06	3.60E-07	-5.27	5.4839919	-3.24E-02	48045973	48046096	NC_000017.10
cg23917638	2.39E-06	3.60E-07	-5.27	5.4839218	-6.42E-02	567501	567624	NC_000001.10
cg14216672	2.39E-06	3.61E-07	-5.27	5.4830881	-6.17E-02	3265923	3266046	NC_000001.10
cg19726408	2.39E-06	3.61E-07	-5.27	5.4828991	-1.04E-01	105428651	105428774	NC_000010.10
cg02527919	2.39E-06	3.61E-07	-5.27	5.4828131	-2.22E-02	67547538	67547661	NC_000015.9
ch.1.180325684F	2.39E-06	3.61E-07	-5.27	5.4811373	-3.48E-02	182059061	182059184	NC_000001.10
cg18505670	2.39E-06	3.62E-07	-5.27	5.4806158	-6.41E-02	168771259	168771382	NC_000006.11
cg02880315	2.39E-06	3.62E-07	-5.27	5.4805028	-5.76E-02	49724254	49724377	NC_000003.11
cg27221193	2.39E-06	3.62E-07	-5.27	5.4804609	-1.20E-01	62466924	62467047	NC_000020.10
cg11299980	2.39E-06	3.62E-07	-5.27	5.4799967	-9.61E-02	2185495	2185618	NC_000020.10
cg17251379	2.40E-06	3.62E-07	-5.27	5.4798338	-2.96E-02	55966551	55966674	NC_000020.10
cg09884419	2.40E-06	3.62E-07	-5.27	5.4794402	-1.02E-01	89595811	89595934	NC_000015.9
cg01844154	2.40E-06	3.62E-07	-5.27	5.4789621	-2.18E-02	31670874	31670997	NC_000006.11
cg12564012	2.40E-06	3.62E-07	-5.27	5.4788565	-8.48E-02	3989045	3989168	NC_000007.13
cg09491104	2.40E-06	3.62E-07	-5.27	5.4784762	-5.81E-02	46646882	46647005	NC_000022.10
cg09654261	2.40E-06	3.62E-07	-5.27	5.4783607	-6.85E-02	26971995	26972118	NC_000011.9
cg19471433	2.40E-06	3.63E-07	-5.27	5.477928	-1.13E-01	961384	961507	NC_000007.13
cg12934320	2.40E-06	3.63E-07	-5.27	5.4770838	-6.59E-02	7472645	7472768	NC_000011.9
cg13141289	2.40E-06	3.63E-07	-5.27	5.4769043	-2.80E-02	49339044	49339167	NC_000015.9
cg20595457	2.40E-06	3.63E-07	-5.27	5.4762055	-1.38E-01	206753308	206753431	NC_000001.10
cg10033433	2.40E-06	3.63E-07	-5.27	5.4757872	-9.96E-02	155714979	155715102	NC_000007.13
cg26140911	2.40E-06	3.63E-07	-5.27	5.4755771	-9.13E-02	33399151	33399274	NC_000006.11
cg05504354	2.41E-06	3.63E-07	-5.27	5.475476	-9.89E-02	88974893	88975016	NC_000012.11
cg03117079	2.41E-06	3.64E-07	-5.27	5.4747103	-4.15E-02	91488015	91488138	NC_000001.10

cg13830791	2.41E-06	3.64E-07	-5.27	5.4745318	-1.03E-01	132936706	132936829	NC_000010.10
cg05052888	2.41E-06	3.64E-07	-5.27	5.4743904	-1.44E-02	4298452	4298575	NC_000009.11
cg09233395	2.41E-06	3.64E-07	-5.27	5.4741014	-1.45E-01	116678582	116678705	NC_000008.10
cg04471507	2.41E-06	3.64E-07	-5.27	5.4740432	-6.34E-02	26233376	26233499	NC_000001.10
cg08348387	2.41E-06	3.64E-07	-5.27	5.474008	-5.98E-02	242158123	242158246	NC_000002.11
cg00174421	2.41E-06	3.64E-07	-5.27	5.4738645	-4.17E-02	26372472	26372595	NC_000008.10
cg01391299	2.41E-06	3.64E-07	-5.27	5.4736598	-9.54E-02	147648312	147648435	NC_000005.9
cg18637232	2.41E-06	3.64E-07	-5.27	5.4736268	-7.94E-02	84321570	84321693	NC_000015.9
cg26143719	2.41E-06	3.64E-07	-5.27	5.4728897	-9.06E-02	37584227	37584350	NC_000022.10
cg18719198	2.41E-06	3.65E-07	-5.27	5.4724006	-3.08E-02	55369460	55369583	NC_000014.8
cg06739525	2.41E-06	3.65E-07	-5.27	5.4723765	-5.89E-02	45417905	45418028	NC_000002.11
cg06922635	2.41E-06	3.65E-07	-5.27	5.4723246	-8.01E-02	57371607	57371730	NC_000004.11
cg25341313	2.41E-06	3.65E-07	-5.27	5.4722502	-1.20E-01	235069288	235069411	NC_000001.10
cg00864768	2.41E-06	3.65E-07	-5.27	5.4720113	-7.81E-02	54692102	54692225	NC_000019.9
cg20957553	2.41E-06	3.65E-07	-5.27	5.4719457	-5.87E-02	87791719	87791842	NC_000001.10
cg23493020	2.41E-06	3.65E-07	-5.27	5.4716962	-8.99E-02	65112169	65112292	NC_000014.8
ch.7.44221780F	2.41E-06	3.65E-07	-5.27	5.4716087	-1.48E-02	44255255	44255378	NC_000007.13
cg21131343	2.41E-06	3.65E-07	-5.27	5.4715704	-5.50E-02	42686019	42686142	NC_000022.10
cg24759821	2.42E-06	3.65E-07	-5.27	5.4706339	-7.37E-02	103311462	103311585	NC_000012.11
cg01011614	2.42E-06	3.65E-07	-5.27	5.4701025	-1.73E-02	44600351	44600474	NC_000020.10
cg03780271	2.42E-06	3.66E-07	-5.27	5.4695643	-5.61E-02	33280052	33280175	NC_000006.11
cg14012233	2.42E-06	3.66E-07	-5.27	5.4694406	-1.33E-02	27276799	27276922	NC_000017.10
cg00307501	2.42E-06	3.66E-07	-5.27	5.4692062	-4.56E-02	59017133	59017256	NC_000016.9
cg10993517	2.42E-06	3.66E-07	-5.27	5.4690381	-7.47E-02	4810234	4810357	NC_000012.11
cg18789261	2.42E-06	3.66E-07	-5.27	5.4683543	-2.30E-02	82752393	82752516	NC_000012.11

cg00094858	2.42E-06	3.66E-07	-5.27	5.4675058	-1.48E-02	49623089	49623212	NC_000019.9
cg06557644	2.42E-06	3.67E-07	-5.27	5.4671447	-1.30E-01	30510463	30510586	NC_000007.13
cg05371791	2.43E-06	3.67E-07	-5.27	5.466174	-9.44E-02	241458886	241459009	NC_000002.11
cg24159721	2.43E-06	3.67E-07	-5.27	5.4659969	-3.56E-02	565170	565293	NC_000001.10
cg07420720	2.43E-06	3.67E-07	-5.27	5.4659889	-3.37E-02	178113740	178113863	NC_000004.11
cg23908488	2.43E-06	3.67E-07	-5.27	5.4659277	-2.63E-02	206943	207066	NC_000011.9
cg09871079	2.43E-06	3.67E-07	-5.27	5.4657219	-1.94E-02	33359180	33359303	NC_000001.10
cg23042676	2.43E-06	3.67E-07	-5.27	5.4652931	-1.09E-01	67855787	67855910	NC_000001.10
cg21844038	2.43E-06	3.68E-07	-5.26	5.4633183	-5.95E-02	4665248	4665371	NC_000016.9
cg12096707	2.43E-06	3.68E-07	-5.26	5.4627377	-5.24E-02	3073714	3073837	NC_000001.10
cg14781521	2.44E-06	3.68E-07	-5.26	5.4620483	-3.39E-02	129063090	129063213	NC_000003.11
cg27462398	2.44E-06	3.69E-07	-5.26	5.4615987	-1.02E-01	86174642	86174765	NC_000001.10
cg11875500	2.44E-06	3.69E-07	-5.26	5.4615861	-3.24E-02	36391588	36391711	NC_000019.9
cg04344917	2.44E-06	3.69E-07	-5.26	5.4609178	-1.81E-02	94351686	94351809	NC_000010.10
cg17467898	2.44E-06	3.69E-07	-5.26	5.4608707	-8.69E-02	2289054	2289177	NC_000007.13
cg25601086	2.44E-06	3.69E-07	-5.26	5.4608004	-3.74E-02	110656394	110656517	NC_000008.10
cg10241341	2.44E-06	3.69E-07	-5.26	5.460575	-1.81E-02	233415653	233415776	NC_000002.11
ch.1.155481287R	2.44E-06	3.69E-07	-5.26	5.4602351	-2.50E-02	157214663	157214786	NC_000001.10
cg13689066	2.44E-06	3.69E-07	-5.26	5.4600952	-1.03E-01	12167071	12167194	NC_000001.10
cg04370730	2.44E-06	3.70E-07	-5.26	5.4585345	-6.88E-02	35247966	35248089	NC_000001.10
cg10023838	2.44E-06	3.70E-07	-5.26	5.4585189	-7.37E-02	11866199	11866322	NC_000010.10
cg19728223	2.44E-06	3.70E-07	-5.26	5.4583152	-1.30E-01	2813121	2813244	NC_000011.9
cg21080921	2.45E-06	3.70E-07	-5.26	5.4571699	-8.85E-02	64981316	64981439	NC_000011.9
cg14329989	2.45E-06	3.70E-07	-5.26	5.456897	-4.85E-02	119192155	119192278	NC_000011.9
cg09948192	2.45E-06	3.71E-07	-5.26	5.456445	-6.22E-02	7069943	7070066	NC_000004.11

cg22523050	2.45E-06	3.71E-07	-5.26	5.4559427	-1.04E-01	137564212	137564335	NC_000007.13
cg26527457	2.45E-06	3.71E-07	-5.26	5.4556451	-9.13E-02	7562425	7562548	NC_000019.9
cg20315150	2.45E-06	3.71E-07	-5.26	5.4556362	-1.24E-01	28647577	28647700	NC_000007.13
cg22283058	2.45E-06	3.71E-07	-5.26	5.4554718	-1.01E-01	202091175	202091298	NC_000001.10
cg25541209	2.45E-06	3.71E-07	-5.26	5.455041	-8.34E-02	45947892	45948015	NC_000020.10
cg23274030	2.45E-06	3.72E-07	-5.26	5.4538986	-8.53E-02	120925632	120925755	NC_000010.10
cg13319278	2.46E-06	3.72E-07	-5.26	5.4533576	-1.63E-02	633649	633772	NC_000019.9
cg12439006	2.46E-06	3.72E-07	-5.26	5.4530864	-6.52E-02	119461149	119461272	NC_000011.9
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cg14920061	2.46E-06	3.72E-07	-5.26	5.4530361	-1.18E-01	129326392	129326515	NC_000008.10
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cg11328127	2.46E-06	3.73E-07	-5.26	5.4503221	-1.20E-01	415441	415564	NC_000011.9
cg05976652	2.47E-06	3.73E-07	-5.26	5.4493077	-3.56E-02	63661316	63661439	NC_000010.10
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cg03244036	2.47E-06	3.74E-07	-5.26	5.4484105	-4.28E-02	1958034	1958157	NC_000017.10

cg02634544	2.47E-06	3.74E-07	-5.26	5.4480588	-1.40E-02	53689602	53689725	NC_000012.11
cg16629158	2.47E-06	3.74E-07	-5.26	5.4473449	-3.12E-02	122042988	122043111	NC_000002.11
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cg13320138	2.47E-06	3.75E-07	-5.26	5.4462574	-5.78E-02	6419575	6419698	NC_000012.11
cg01674036	2.47E-06	3.75E-07	-5.26	5.4458444	-2.58E-02	74058002	74058125	NC_000010.10
cg11817993	2.47E-06	3.75E-07	-5.26	5.4454646	-4.10E-02	92572978	92573101	NC_000014.8
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cg13683424	2.48E-06	3.75E-07	-5.26	5.4440008	-4.98E-02	121298154	121298277	NC_000011.9
cg04329845	2.48E-06	3.76E-07	-5.26	5.4432316	-5.01E-02	14640100	14640223	NC_000019.9
cg21416022	2.48E-06	3.76E-07	-5.26	5.4431295	-6.54E-02	99789661	99789784	NC_000015.9
cg00356811	2.48E-06	3.76E-07	-5.26	5.4425126	-4.00E-02	4639239	4639362	NC_000019.9
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cg26517730	2.49E-06	3.77E-07	-5.26	5.439889	-2.06E-02	132149076	132149199	NC_000005.9
cg21199852	2.49E-06	3.77E-07	-5.26	5.439505	-1.02E-01	190583783	190583906	NC_000003.11
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cg25314315	2.49E-06	3.78E-07	-5.26	5.4374073	-9.13E-02	39407387	39407510	NC_000001.10
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cg18297338	2.49E-06	3.78E-07	-5.26	5.4369704	-1.22E-02	119255812	119255935	NC_000006.11
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cg20489946	2.50E-06	3.79E-07	-5.26	5.4352336	-1.05E-01	52731078	52731201	NC_000013.10
cg03177025	2.50E-06	3.79E-07	-5.26	5.4345484	-3.85E-02	28112917	28113040	NC_000002.11
cg26532826	2.50E-06	3.79E-07	-5.26	5.4344654	-3.73E-02	31003127	31003250	NC_000022.10
cg16063018	2.50E-06	3.79E-07	-5.26	5.4344552	-1.06E-01	3446079	3446202	NC_000012.11
cg00611495	2.50E-06	3.80E-07	-5.26	5.433168	-7.73E-02	1120275	1120398	NC_000016.9
cg22619759	2.51E-06	3.80E-07	-5.26	5.4326706	-1.18E-02	5601811	5601934	NC_000007.13
cg00167670	2.51E-06	3.80E-07	-5.26	5.4320182	-1.04E-01	13922944	13923067	NC_000004.11
cg13720472	2.51E-06	3.81E-07	-5.26	5.4306934	-3.28E-02	10381063	10381186	NC_000019.9
ch.2.7246174F	2.51E-06	3.81E-07	-5.26	5.4296866	-2.66E-02	7328723	7328846	NC_000002.11
cg01501135	2.51E-06	3.81E-07	-5.26	5.4295803	-1.53E-02	16342235	16342358	NC_000017.10
cg10540110	2.51E-06	3.81E-07	-5.26	5.4294802	-1.06E-01	202775609	202775732	NC_000001.10
cg08941669	2.51E-06	3.81E-07	-5.26	5.4292311	-8.00E-02	7778234	7778357	NC_000001.10
cg20710266	2.52E-06	3.82E-07	-5.26	5.4283584	-7.39E-02	96877855	96877978	NC_000015.9
cg25583128	2.52E-06	3.82E-07	-5.26	5.4277304	-1.83E-02	61616453	61616576	NC_000018.9
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cg10625758	2.52E-06	3.83E-07	-5.26	5.4256968	-1.98E-02	73851514	73851637	NC_000017.10
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cg22023664	2.53E-06	3.83E-07	-5.26	5.4240388	-5.51E-02	2619608	2619731	NC_000019.9
cg10827434	2.53E-06	3.83E-07	-5.26	5.4239441	-7.11E-02	84944976	84945099	NC_000001.10
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cg05310557	2.53E-06	3.84E-07	-5.26	5.4221407	-3.48E-02	46477250	46477373	NC_000018.9
cg00419604	2.53E-06	3.84E-07	-5.26	5.4218355	-1.19E-01	45239247	45239370	NC_000002.11
cg21638323	2.53E-06	3.84E-07	-5.26	5.4215131	-2.17E-02	47600536	47600659	NC_000011.9
cg07938763	2.54E-06	3.85E-07	-5.26	5.4200365	-8.99E-02	2516966	2517089	NC_000019.9
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cg18306747	2.54E-06	3.85E-07	-5.26	5.4189175	-3.94E-02	74284008	74284131	NC_000015.9
cg04997124	2.54E-06	3.85E-07	-5.26	5.4185864	-1.08E-01	101393397	101393520	NC_000014.8
cg08270031	2.54E-06	3.85E-07	-5.26	5.4183589	-1.90E-02	180472207	180472330	NC_000001.10
cg04905421	2.54E-06	3.86E-07	-5.26	5.4180995	-6.75E-02	1581129	1581252	NC_000016.9
cg07242783	2.54E-06	3.86E-07	-5.26	5.4178078	-3.27E-02	28052377	28052500	NC_000001.10
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cg01435493	2.54E-06	3.86E-07	-5.25	5.4174359	-3.47E-02	73602980	73603103	NC_000014.8
cg07330075	2.54E-06	3.86E-07	-5.25	5.417259	-7.42E-02	34125200	34125323	NC_000017.10
cg13375624	2.54E-06	3.86E-07	-5.25	5.4172231	-7.96E-02	96829126	96829249	NC_000015.9
cg09431544	2.54E-06	3.86E-07	-5.25	5.4170237	-4.29E-02	14629187	14629310	NC_000019.9
cg00909395	2.55E-06	3.86E-07	-5.25	5.4160334	-4.14E-02	47445672	47445795	NC_000006.11
cg25409554	2.55E-06	3.87E-07	-5.25	5.4150834	-5.11E-02	234871422	234871545	NC_000001.10
cg02078525	2.55E-06	3.87E-07	-5.25	5.4148949	-8.91E-02	66400395	66400518	NC_000016.9
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cg13132121	2.55E-06	3.87E-07	-5.25	5.4143454	-9.96E-02	218653561	218653684	NC_000001.10

cg21086551	2.55E-06	3.87E-07	-5.25	5.4140722	-1.21E-01	171241974	171242097	NC_000003.11
cg26873705	2.55E-06	3.87E-07	-5.25	5.4137585	-1.98E-02	160919162	160919285	NC_000002.11
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cg15115522	2.55E-06	3.87E-07	-5.25	5.4134462	-9.11E-02	125115327	125115450	NC_000011.9
cg10537193	2.55E-06	3.88E-07	-5.25	5.4123934	-3.63E-02	32026975	32027098	NC_000022.10
cg16309260	2.56E-06	3.88E-07	-5.25	5.4119658	-3.81E-02	45838338	45838461	NC_000003.11
cg24848452	2.56E-06	3.88E-07	-5.25	5.4118226	-1.06E-01	37015311	37015434	NC_000008.10
cg12255774	2.56E-06	3.88E-07	-5.25	5.4114924	-7.79E-02	61689144	61689267	NC_000011.9
cg02723904	2.56E-06	3.88E-07	-5.25	5.4113795	-3.46E-02	160167768	160167891	NC_000003.11
cg20426729	2.56E-06	3.88E-07	-5.25	5.411074	-3.46E-02	64580908	64581031	NC_000007.13
cg27304754	2.56E-06	3.89E-07	-5.25	5.4105881	-5.75E-02	71392088	71392211	NC_000016.9
cg05907649	2.56E-06	3.89E-07	-5.25	5.4083527	-9.63E-02	56519080	56519203	NC_000015.9
cg15239627	2.56E-06	3.90E-07	-5.25	5.408255	-8.15E-02	120918492	120918615	NC_000007.13
cg10840277	2.57E-06	3.90E-07	-5.25	5.4080358	-1.45E-01	124829410	124829533	NC_000008.10
cg02922913	2.57E-06	3.90E-07	-5.25	5.4078359	-6.08E-02	1009764	1009887	NC_000019.9
cg04872707	2.57E-06	3.90E-07	-5.25	5.407609	-3.23E-02	73029991	73030114	NC_000017.10
cg20465333	2.57E-06	3.90E-07	-5.25	5.4075111	-6.49E-02	32061711	32061834	NC_000022.10
cg04094846	2.57E-06	3.90E-07	-5.25	5.4065691	-6.60E-02	691952	692075	NC_000002.11
cg14584215	2.57E-06	3.90E-07	-5.25	5.4061626	-1.04E-01	153991033	153991156	NC_000005.9
cg11194398	2.57E-06	3.90E-07	-5.25	5.4058564	-7.98E-02	66675437	66675560	NC_000011.9
cg04811621	2.57E-06	3.91E-07	-5.25	5.4054484	-2.10E-02	40058985	40059108	NC_000004.11
cg13828871	2.57E-06	3.91E-07	-5.25	5.4053992	-2.00E-02	31128860	31128983	NC_000016.9
cg16171526	2.57E-06	3.91E-07	-5.25	5.4051556	-1.36E-02	155043744	155043867	NC_000001.10
cg04681845	2.57E-06	3.91E-07	-5.25	5.4051194	-8.46E-02	153283485	153283608	NC_000002.11
cg08862818	2.57E-06	3.91E-07	-5.25	5.4045242	-1.73E-02	31470574	31470697	NC_000016.9

cg19941230	2.58E-06	3.91E-07	-5.25	5.4039372	-1.71E-02	63051872	63051995	NC_000017.10
cg03520966	2.58E-06	3.92E-07	-5.25	5.402998	-5.89E-02	90751269	90751392	NC_000010.10
cg08768621	2.58E-06	3.92E-07	-5.25	5.4021551	-4.59E-02	55102916	55103039	NC_000018.9
cg18459339	2.58E-06	3.92E-07	-5.25	5.4018573	-9.65E-02	79782326	79782449	NC_000014.8
cg25101291	2.58E-06	3.92E-07	-5.25	5.4016322	-8.94E-02	1103235	1103358	NC_000001.10
cg10241823	2.58E-06	3.92E-07	-5.25	5.401627	-7.27E-02	841205	841328	NC_000017.10
cg00989315	2.58E-06	3.92E-07	-5.25	5.4014381	-1.11E-01	21982818	21982941	NC_000007.13
cg09266144	2.58E-06	3.92E-07	-5.25	5.4012562	-8.54E-02	73075591	73075714	NC_000014.8
cg24609530	2.58E-06	3.92E-07	-5.25	5.4011709	-1.55E-02	18610297	18610420	NC_000011.9
cg01915951	2.58E-06	3.93E-07	-5.25	5.4006795	-3.72E-02	62130500	62130623	NC_000020.10
cg23037537	2.59E-06	3.93E-07	-5.25	5.3996438	-6.93E-02	195354597	195354720	NC_000003.11
cg24168221	2.59E-06	3.93E-07	-5.25	5.3996392	-8.03E-02	23587099	23587222	NC_000020.10
cg18794854	2.59E-06	3.93E-07	-5.25	5.3994319	-2.34E-02	39300668	39300791	NC_000012.11
cg01902939	2.59E-06	3.93E-07	-5.25	5.3992256	-1.76E-02	54304230	54304353	NC_000001.10
cg11550971	2.59E-06	3.93E-07	-5.25	5.3986677	-4.83E-02	11981317	11981440	NC_000018.9
cg24455405	2.59E-06	3.93E-07	-5.25	5.3985434	-4.80E-02	33172353	33172476	NC_000006.11
cg14990643	2.59E-06	3.93E-07	-5.25	5.3984281	-8.87E-02	85956936	85957059	NC_000010.10
cg15680902	2.59E-06	3.94E-07	-5.25	5.3978681	-2.50E-02	190231354	190231477	NC_000003.11
cg15770728	2.59E-06	3.94E-07	-5.25	5.3966529	-2.42E-02	20513120	20513243	NC_000018.9
cg21223094	2.59E-06	3.94E-07	-5.25	5.3966441	-1.13E-01	11975515	11975638	NC_000012.11
cg18566672	2.59E-06	3.94E-07	-5.25	5.395992	-7.97E-02	39831825	39831948	NC_000019.9
cg17261804	2.59E-06	3.95E-07	-5.25	5.3959315	-4.31E-02	2422607	2422730	NC_000011.9
cg17007574	2.60E-06	3.95E-07	-5.25	5.3956939	-5.12E-02	238571511	238571634	NC_000002.11
cg01158527	2.60E-06	3.95E-07	-5.25	5.3950517	-1.10E-01	134864216	134864339	NC_000011.9
cg15024955	2.60E-06	3.95E-07	-5.25	5.3950374	-8.81E-02	102552895	102553018	NC_000010.10

cg10842080	2.60E-06	3.95E-07	-5.25	5.3943935	-1.07E-01	55123900	55124023	NC_000017.10
cg27603000	2.60E-06	3.95E-07	-5.25	5.3943686	-7.94E-02	1834527	1834650	NC_000005.9
cg17427615	2.60E-06	3.95E-07	-5.25	5.3939776	-6.62E-02	3539097	3539220	NC_000019.9
cg19762427	2.60E-06	3.96E-07	-5.25	5.3930729	-1.21E-01	23132186	23132309	NC_000012.11
cg16232698	2.60E-06	3.96E-07	-5.25	5.3924757	-8.05E-02	57233635	57233758	NC_000008.10
cg22916646	2.60E-06	3.96E-07	-5.25	5.3923522	-9.83E-02	162672583	162672706	NC_000005.9
cg00356208	2.60E-06	3.96E-07	-5.25	5.3920524	-9.05E-02	55167581	55167704	NC_000016.9
cg21527616	2.61E-06	3.96E-07	-5.25	5.3917252	-5.25E-02	64547373	64547496	NC_000003.11
cg19374089	2.61E-06	3.96E-07	-5.25	5.3915623	-6.02E-02	41970954	41971077	NC_000022.10
cg26241460	2.61E-06	3.96E-07	-5.25	5.3911198	-9.06E-02	1767775	1767898	NC_000011.9
cg24844815	2.61E-06	3.97E-07	-5.25	5.3908733	-3.85E-02	157130686	157130809	NC_000007.13
cg24595208	2.61E-06	3.97E-07	-5.25	5.3898993	-5.68E-02	34496537	34496660	NC_000005.9
cg24663419	2.61E-06	3.97E-07	-5.25	5.3897025	-9.09E-02	58862141	58862264	NC_000002.11
cg18226169	2.61E-06	3.97E-07	-5.25	5.3895432	-8.39E-02	12998764	12998887	NC_000019.9
cg10958452	2.61E-06	3.97E-07	-5.25	5.3894231	-1.20E-01	44114346	44114469	NC_000001.10
cg24450312	2.61E-06	3.97E-07	-5.25	5.3892128	-1.64E-02	206681158	206681281	NC_000001.10
cg03438216	2.61E-06	3.97E-07	-5.25	5.3890715	-9.78E-02	230517965	230518088	NC_000001.10
cg04174309	2.61E-06	3.97E-07	-5.25	5.3889846	-3.10E-02	117102980	117103103	NC_000011.9
cg20269554	2.61E-06	3.97E-07	-5.25	5.3888727	-7.99E-02	55181235	55181358	NC_000001.10
cg15017982	2.61E-06	3.98E-07	-5.25	5.3879087	-6.73E-02	1785723	1785846	NC_000011.9
cg02223351	2.62E-06	3.98E-07	-5.25	5.3875356	-6.74E-02	66402367	66402490	NC_000016.9
cg08919846	2.62E-06	3.98E-07	-5.25	5.3874451	-1.20E-01	3664586	3664709	NC_000001.10
cg22797114	2.62E-06	3.98E-07	-5.25	5.387261	-8.48E-02	150660317	150660440	NC_000007.13
cg12829360	2.62E-06	3.99E-07	-5.25	5.3858767	-7.66E-02	89006335	89006458	NC_000016.9
cg08532569	2.62E-06	3.99E-07	-5.25	5.3852497	-5.26E-02	36424620	36424743	NC_000022.10

cg07376834	2.62E-06	3.99E-07	-5.25	5.3849493	-7.74E-02	118603880	118604003	NC_000005.9
cg01515516	2.62E-06	3.99E-07	-5.25	5.3848507	-3.63E-02	14544032	14544155	NC_000019.9
cg21291431	2.62E-06	3.99E-07	-5.25	5.384729	-7.34E-02	22423994	22424117	NC_000008.10
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cg03151540	2.62E-06	3.99E-07	-5.25	5.3842304	-5.28E-02	16228885	16229008	NC_000004.11
cg10225149	2.63E-06	4.00E-07	-5.25	5.383556	-8.97E-02	15491808	15491931	NC_000019.9
cg14302612	2.63E-06	4.00E-07	-5.25	5.3834328	-8.26E-02	128317170	128317293	NC_000002.11
cg21583694	2.63E-06	4.00E-07	-5.25	5.3834002	-1.08E-01	135365401	135365524	NC_000005.9
cg14869141	2.63E-06	4.00E-07	-5.25	5.3823393	-1.89E-02	53410056	53410179	NC_000006.11
cg17549513	2.63E-06	4.00E-07	-5.25	5.382203	-5.49E-02	9694789	9694912	NC_000017.10
cg16189596	2.63E-06	4.00E-07	-5.25	5.3821872	-1.28E-02	4867972	4868095	NC_000019.9
cg26792080	2.63E-06	4.00E-07	-5.25	5.3821041	-3.33E-02	200324879	200325002	NC_000002.11
cg01699524	2.63E-06	4.00E-07	-5.25	5.3816729	-4.69E-02	7869638	7869761	NC_000005.9
cg04544858	2.63E-06	4.00E-07	-5.25	5.3815667	-1.17E-01	67489737	67489860	NC_000005.9
cg10855746	2.63E-06	4.00E-07	-5.25	5.3814952	-7.07E-02	61938004	61938127	NC_000014.8
cg16337273	2.63E-06	4.01E-07	-5.25	5.3812058	-4.19E-02	126160920	126161043	NC_000011.9
cg00259249	2.63E-06	4.01E-07	-5.25	5.3803759	-6.16E-02	35246726	35246849	NC_000001.10
cg06870986	2.63E-06	4.01E-07	-5.25	5.3800078	-6.54E-02	70588173	70588296	NC_000017.10
cg23371208	2.64E-06	4.01E-07	-5.25	5.3795186	-9.16E-02	57408514	57408637	NC_000011.9
cg06949778	2.64E-06	4.01E-07	-5.25	5.3794601	-1.09E-01	180892623	180892746	NC_000001.10
cg18322589	2.64E-06	4.01E-07	-5.25	5.379146	-7.50E-02	123909456	123909579	NC_000010.10
cg01410453	2.64E-06	4.02E-07	-5.25	5.3785383	-1.23E-01	74753358	74753481	NC_000002.11
cg06534568	2.64E-06	4.02E-07	-5.25	5.3779564	-1.04E-01	134662594	134662717	NC_000010.10
cg06685724	2.64E-06	4.02E-07	-5.25	5.3777194	-2.42E-02	23720386	23720509	NC_000007.13
cg19220507	2.64E-06	4.02E-07	-5.25	5.3776829	-6.99E-02	36778954	36779077	NC_000010.10

cg12743970	2.64E-06	4.02E-07	-5.25	5.3768131	-1.15E-01	64536520	64536643	NC_000017.10
cg01597629	2.64E-06	4.02E-07	-5.25	5.3767624	-8.34E-02	6953997	6954120	NC_000016.9
cg19921279	2.64E-06	4.02E-07	-5.25	5.376673	-3.43E-02	32827389	32827512	NC_000001.10
cg08058672	2.64E-06	4.02E-07	-5.25	5.3766357	-4.92E-02	51423212	51423335	NC_000003.11
cg26503153	2.64E-06	4.03E-07	-5.25	5.3761601	-2.96E-02	108870610	108870733	NC_000013.10
cg25384423	2.64E-06	4.03E-07	-5.25	5.376088	-7.51E-02	19208697	19208820	NC_000001.10
cg04374006	2.64E-06	4.03E-07	-5.25	5.3758645	-7.60E-02	33556395	33556518	NC_000019.9
cg09650495	2.65E-06	4.03E-07	-5.25	5.375304	-8.89E-02	32463798	32463921	NC_000007.13
cg06945845	2.65E-06	4.03E-07	-5.25	5.3752515	-1.07E-01	84681510	84681633	NC_000016.9
cg16396978	2.65E-06	4.03E-07	-5.25	5.3749425	-1.17E-01	25936677	25936800	NC_000001.10
cg08504468	2.65E-06	4.03E-07	-5.25	5.3743211	-1.90E-02	22468982	22469105	NC_000001.10
cg01840803	2.65E-06	4.03E-07	-5.25	5.3741233	-3.03E-02	95624345	95624468	NC_000014.8
cg11377047	2.65E-06	4.04E-07	-5.25	5.373867	-7.87E-02	26881009	26881132	NC_000001.10
cg01510218	2.65E-06	4.04E-07	-5.25	5.3732205	-6.68E-02	27299994	27300117	NC_000022.10
cg06837040	2.65E-06	4.04E-07	-5.25	5.3730326	-9.58E-02	180530353	180530476	NC_000001.10
cg00885788	2.65E-06	4.04E-07	-5.25	5.3721702	-1.14E-01	19750829	19750952	NC_000004.11
cg06658615	2.65E-06	4.04E-07	-5.25	5.3721419	-1.06E-01	139334561	139334684	NC_000005.9
ch.2.2460911F	2.65E-06	4.04E-07	-5.25	5.3718267	-1.80E-02	118758328	118758451	NC_000002.11
cg13465631	2.65E-06	4.05E-07	-5.25	5.3716026	-3.76E-02	170680977	170681100	NC_000002.11
cg05478314	2.66E-06	4.05E-07	-5.24	5.371161	-3.18E-02	121175674	121175797	NC_000012.11
cg26249852	2.66E-06	4.05E-07	-5.24	5.3710787	-9.64E-02	17392298	17392421	NC_000019.9
cg09914933	2.66E-06	4.05E-07	-5.24	5.3707078	-3.95E-02	27936777	27936900	NC_000013.10
cg27066829	2.66E-06	4.05E-07	-5.24	5.3697776	-1.64E-02	6737003	6737126	NC_000019.9
cg17121205	2.66E-06	4.06E-07	-5.24	5.3685749	-1.06E-01	44009353	44009476	NC_000019.9
cg08358964	2.66E-06	4.06E-07	-5.24	5.3679564	-8.53E-02	11367783	11367906	NC_000016.9

cg20725261	2.66E-06	4.06E-07	-5.24	5.3678366	-4.83E-02	47803425	47803548	NC_000020.10
cg12978253	2.66E-06	4.06E-07	-5.24	5.3677943	-6.74E-02	134258602	134258725	NC_000010.10
cg04433306	2.67E-06	4.06E-07	-5.24	5.3676925	-4.84E-02	129592730	129592853	NC_000007.13
cg09408143	2.67E-06	4.06E-07	-5.24	5.3672594	-9.29E-02	524778	524901	NC_000016.9
cg04681489	2.67E-06	4.06E-07	-5.24	5.3671867	-1.06E-01	123325084	123325207	NC_000011.9
cg08856033	2.67E-06	4.07E-07	-5.24	5.3666499	-9.93E-02	121280078	121280201	NC_000002.11
cg25718438	2.67E-06	4.07E-07	-5.24	5.3662246	-6.87E-02	43743921	43744044	NC_000020.10
cg07901253	2.67E-06	4.07E-07	-5.24	5.3652252	-9.91E-02	15402504	15402627	NC_000001.10
cg02304095	2.67E-06	4.08E-07	-5.24	5.3639389	-9.07E-02	2328709	2328832	NC_000002.11
cg24277007	2.67E-06	4.08E-07	-5.24	5.3638062	-1.33E-01	78509647	78509770	NC_000011.9
cg14255562	2.68E-06	4.08E-07	-5.24	5.3627474	-7.08E-02	6370619	6370742	NC_000019.9
cg08645278	2.68E-06	4.08E-07	-5.24	5.3625821	-9.71E-02	50925232	50925355	NC_000022.10
cg24691453	2.68E-06	4.08E-07	-5.24	5.3625069	-1.13E-01	153518384	153518507	NC_000001.10
cg06852243	2.68E-06	4.08E-07	-5.24	5.3624165	-9.19E-02	11505169	11505292	NC_000017.10
cg08477768	2.68E-06	4.08E-07	-5.24	5.3623264	-5.20E-02	57925482	57925605	NC_000005.9
cg22006208	2.68E-06	4.09E-07	-5.24	5.3620746	-9.65E-02	27309169	27309292	NC_000017.10
cg18052222	2.68E-06	4.09E-07	-5.24	5.3620328	-9.12E-02	72923878	72924001	NC_000017.10
cg27579711	2.68E-06	4.09E-07	-5.24	5.3619369	-1.43E-01	26172931	26173054	NC_000006.11
cg21168902	2.68E-06	4.09E-07	-5.24	5.3612352	-1.55E-01	198626733	198626856	NC_000001.10
cg00993205	2.68E-06	4.09E-07	-5.24	5.3609354	-7.18E-02	73413390	73413513	NC_000014.8
cg19658487	2.68E-06	4.09E-07	-5.24	5.3607941	-6.77E-02	68154400	68154523	NC_000011.9
cg19737972	2.68E-06	4.09E-07	-5.24	5.3604587	-1.28E-02	13044162	13044285	NC_000012.11
cg03059073	2.69E-06	4.10E-07	-5.24	5.3596592	-1.04E-01	150130708	150130831	NC_000007.13
cg02509985	2.69E-06	4.10E-07	-5.24	5.3595069	-2.72E-02	9483081	9483204	NC_000011.9
cg01259702	2.69E-06	4.10E-07	-5.24	5.3594799	-3.23E-02	662807	662930	NC_000019.9

cg14170358	2.69E-06	4.10E-07	-5.24	5.3587898	-8.49E-02	88527345	88527468	NC_000002.11
cg24934011	2.69E-06	4.10E-07	-5.24	5.3586507	-1.04E-01	72382835	72382958	NC_000001.10
cg06366189	2.69E-06	4.10E-07	-5.24	5.3579023	-1.04E-02	167684427	167684550	NC_000001.10
cg07633317	2.69E-06	4.10E-07	-5.24	5.3577098	-1.22E-01	49732623	49732746	NC_000016.9
cg08918797	2.69E-06	4.10E-07	-5.24	5.3576819	-4.02E-02	141566221	141566344	NC_000008.10
cg26072173	2.69E-06	4.11E-07	-5.24	5.3565743	-6.95E-02	1860224	1860347	NC_000011.9
cg14913946	2.69E-06	4.11E-07	-5.24	5.3565472	-1.83E-02	27107025	27107148	NC_000021.8
cg13475484	2.70E-06	4.12E-07	-5.24	5.3541125	-8.16E-02	6399562	6399685	NC_000017.10
cg23032229	2.70E-06	4.12E-07	-5.24	5.3534018	-1.51E-02	42720167	42720290	NC_000012.11
ch.2.2578847R	2.70E-06	4.13E-07	-5.24	5.3524105	-2.52E-02	123587590	123587713	NC_000002.11
cg00558813	2.71E-06	4.13E-07	-5.24	5.3520357	-3.02E-02	14063372	14063495	NC_000019.9
cg09553448	2.71E-06	4.13E-07	-5.24	5.35133	-5.91E-02	134000424	134000547	NC_000009.11
cg01283300	2.71E-06	4.13E-07	-5.24	5.3510289	-1.04E-01	31644282	31644405	NC_000022.10
cg02824523	2.71E-06	4.13E-07	-5.24	5.351012	-4.24E-02	187608279	187608402	NC_000003.11
cg26371512	2.71E-06	4.13E-07	-5.24	5.3509451	-1.45E-01	112430779	112430902	NC_000007.13
cg23323891	2.71E-06	4.13E-07	-5.24	5.3508945	-1.22E-01	57200519	57200642	NC_000014.8
cg08374890	2.71E-06	4.13E-07	-5.24	5.3505127	-2.26E-02	31117067	31117190	NC_000016.9
cg09002769	2.71E-06	4.14E-07	-5.24	5.3503523	-5.59E-02	8022155	8022278	NC_000017.10
cg06664433	2.71E-06	4.14E-07	-5.24	5.3497348	-3.13E-02	139077178	139077301	NC_000005.9
cg21610999	2.71E-06	4.14E-07	-5.24	5.3489662	-5.89E-02	8661909	8662032	NC_000017.10
cg19582256	2.72E-06	4.14E-07	-5.24	5.3481196	-2.40E-02	37137824	37137947	NC_000006.11
cg06699848	2.72E-06	4.15E-07	-5.24	5.3476269	-1.06E-01	8847662	8847785	NC_000011.9
cg15980656	2.72E-06	4.15E-07	-5.24	5.3469569	-1.20E-01	97583236	97583359	NC_000008.10
cg12720191	2.72E-06	4.15E-07	-5.24	5.3468768	-1.78E-02	154387984	154388107	NC_000004.11
cg02806675	2.72E-06	4.15E-07	-5.24	5.3460488	-9.92E-02	59627287	59627410	NC_000003.11



cg11143796	2.72E-06	4.15E-07	-5.24	5.3460319	-3.68E-02	178363279	178363402	NC_000004.11
cg06247172	2.72E-06	4.15E-07	-5.24	5.3459408	-1.57E-02	34216481	34216604	NC_000006.11
cg06297642	2.72E-06	4.16E-07	-5.24	5.3452209	-5.66E-02	6311412	6311535	NC_000007.13
cg16671160	2.72E-06	4.16E-07	-5.24	5.3448335	-5.96E-02	21386922	21387045	NC_000016.9
cg15993048	2.72E-06	4.16E-07	-5.24	5.3446328	-4.82E-02	66753089	66753212	NC_000008.10
cg22109787	2.73E-06	4.16E-07	-5.24	5.3441307	-4.87E-02	152108040	152108163	NC_000002.11
cg24686322	2.73E-06	4.16E-07	-5.24	5.3440825	-6.74E-02	47633560	47633683	NC_000017.10
cg07192961	2.73E-06	4.16E-07	-5.24	5.3439345	-1.38E-01	672468	672591	NC_000016.9
cg23491391	2.73E-06	4.16E-07	-5.24	5.3437064	-4.11E-02	179121385	179121508	NC_000005.9
cg24757926	2.73E-06	4.17E-07	-5.24	5.3428945	-9.33E-02	66643528	66643651	NC_000003.11
cg02632314	2.73E-06	4.17E-07	-5.24	5.3426866	-7.19E-02	41593416	41593539	NC_000013.10
cg06094707	2.73E-06	4.17E-07	-5.24	5.3421473	-7.80E-02	78445867	78445990	NC_000017.10
cg06266097	2.73E-06	4.17E-07	-5.24	5.3418693	-5.75E-02	46401702	46401825	NC_000011.9
cg03474219	2.73E-06	4.17E-07	-5.24	5.3418212	-3.09E-02	64072691	64072814	NC_000011.9
cg06405792	2.73E-06	4.17E-07	-5.24	5.3415229	-2.08E-02	36483062	36483185	NC_000019.9
cg07233933	2.73E-06	4.17E-07	-5.24	5.3414466	-1.06E-01	173352671	173352794	NC_000005.9
cg13477780	2.74E-06	4.18E-07	-5.24	5.3401204	-8.99E-02	75897549	75897672	NC_000007.13
cg26541027	2.74E-06	4.18E-07	-5.24	5.339478	-1.89E-02	110163313	110163436	NC_000001.10
cg11841450	2.74E-06	4.18E-07	-5.24	5.3392817	-2.86E-02	133406986	133407109	NC_000005.9
cg10084513	2.74E-06	4.18E-07	-5.24	5.3390954	-3.99E-02	122745685	122745808	NC_000003.11
cg11693364	2.74E-06	4.18E-07	-5.24	5.3389765	-4.93E-02	11998457	11998580	NC_000019.9
cg15487600	2.74E-06	4.19E-07	-5.24	5.3386621	-1.36E-02	155113158	155113281	NC_000001.10
cg23024102	2.74E-06	4.19E-07	-5.24	5.3383145	-9.95E-02	45149706	45149829	NC_000013.10
cg24632480	2.74E-06	4.19E-07	-5.24	5.3381433	-8.44E-02	81864082	81864205	NC_000010.10
ch.2.4251330R	2.74E-06	4.19E-07	-5.24	5.3380346	-2.23E-02	213799789	213799912	NC_000002.11

cg18220816	2.74E-06	4.19E-07	-5.24	5.3369275	-1.14E-01	102411665	102411788	NC_000014.8
cg20669641	2.74E-06	4.19E-07	-5.24	5.3367089	-1.01E-01	105428818	105428941	NC_000010.10
cg06390363	2.74E-06	4.19E-07	-5.24	5.3366	-1.14E-01	150360829	150360952	NC_000006.11
cg02470871	2.75E-06	4.19E-07	-5.24	5.3364386	-5.26E-02	119278637	119278760	NC_000003.11
cg07964539	2.75E-06	4.20E-07	-5.24	5.3355051	-2.75E-02	41890080	41890203	NC_000006.11
cg03512414	2.75E-06	4.20E-07	-5.24	5.3353232	-1.14E-01	19915874	19915997	NC_000020.10
cg04998634	2.75E-06	4.20E-07	-5.24	5.3351614	-1.58E-01	1857004	1857127	NC_000019.9
cg03856470	2.75E-06	4.20E-07	-5.24	5.3351569	-5.91E-02	1309414	1309537	NC_000016.9
cg07601148	2.75E-06	4.20E-07	-5.24	5.3351569	-8.03E-02	20975917	20976040	NC_000013.10
cg07196571	2.75E-06	4.20E-07	-5.24	5.3345332	-8.11E-02	64442578	64442701	NC_000015.9
cg07841477	2.75E-06	4.20E-07	-5.24	5.3344212	-7.99E-02	23724901	23725024	NC_000016.9
cg00777121	2.75E-06	4.20E-07	-5.24	5.3343923	-1.51E-01	50378191	50378314	NC_000003.11
cg04304216	2.75E-06	4.20E-07	-5.24	5.3342604	-3.41E-02	191769833	191769956	NC_000002.11
cg25506386	2.75E-06	4.20E-07	-5.24	5.3341703	-4.75E-02	63849756	63849879	NC_000003.11
cg20668952	2.75E-06	4.21E-07	-5.24	5.3333581	-1.11E-01	75082885	75083008	NC_000015.9
cg06101789	2.75E-06	4.21E-07	-5.24	5.3330473	-6.69E-02	949483	949606	NC_000004.11
cg07466433	2.76E-06	4.21E-07	-5.24	5.331913	-2.55E-02	7005728	7005851	NC_000002.11
cg20784591	2.76E-06	4.22E-07	-5.24	5.3316685	-7.43E-02	99972461	99972584	NC_000007.13
cg26190363	2.76E-06	4.22E-07	-5.24	5.3316402	-7.25E-02	195390	195513	NC_000011.9
cg10156714	2.76E-06	4.22E-07	-5.24	5.3316268	-6.55E-02	45342466	45342589	NC_000020.10
cg04328562	2.76E-06	4.22E-07	-5.24	5.3313801	-9.34E-02	11649701	11649824	NC_000019.9
ch.2.729349R	2.76E-06	4.22E-07	-5.24	5.3305455	-1.49E-02	29496277	29496400	NC_000002.11
cg00236576	2.76E-06	4.22E-07	-5.24	5.3304294	-6.38E-02	81039406	81039529	NC_000017.10
cg17264609	2.76E-06	4.22E-07	-5.24	5.330411	-6.53E-02	105051018	105051141	NC_000002.11
cg22197830	2.76E-06	4.22E-07	-5.24	5.3300295	-8.86E-02	134209784	134209907	NC_000005.9

cg21617357	2.76E-06	4.23E-07	-5.24	5.3293282	-1.20E-01	20389052	20389175	NC_000011.9
cg05367967	2.76E-06	4.23E-07	-5.24	5.3289977	-1.10E-01	106035490	106035613	NC_000006.11
cg04633676	2.76E-06	4.23E-07	-5.24	5.3289836	-1.26E-01	32581220	32581343	NC_000017.10
cg04804543	2.77E-06	4.23E-07	-5.24	5.3288134	-9.34E-02	142233427	142233550	NC_000008.10
cg27293107	2.77E-06	4.23E-07	-5.24	5.3284461	-3.63E-02	30844060	30844183	NC_000015.9
cg07622001	2.77E-06	4.23E-07	-5.24	5.3278786	-6.02E-02	158758903	158759026	NC_000005.9
cg17184165	2.77E-06	4.23E-07	-5.24	5.3276903	-1.07E-01	53855929	53856052	NC_000003.11
cg27299588	2.77E-06	4.24E-07	-5.24	5.3269972	-1.02E-01	5286082	5286205	NC_000019.9
cg05839636	2.77E-06	4.24E-07	-5.24	5.3256704	-1.67E-02	137878905	137879028	NC_000005.9
cg19598514	2.78E-06	4.24E-07	-5.23	5.3249958	-5.13E-02	442149	442272	NC_000011.9
cg04674201	2.78E-06	4.25E-07	-5.23	5.3245502	-1.24E-01	96133842	96133965	NC_000006.11
cg23781467	2.78E-06	4.25E-07	-5.23	5.3244669	-8.19E-02	31760233	31760356	NC_000006.11
cg00234046	2.78E-06	4.25E-07	-5.23	5.3241387	-7.18E-02	73169245	73169368	NC_000010.10
cg20059377	2.78E-06	4.25E-07	-5.23	5.3228092	-8.35E-02	78369232	78369355	NC_000015.9
cg25471715	2.78E-06	4.26E-07	-5.23	5.3219909	-6.57E-02	144129543	144129666	NC_000008.10
cg08342886	2.78E-06	4.26E-07	-5.23	5.3219777	-1.73E-02	33240066	33240189	NC_000006.11
cg12916742	2.78E-06	4.26E-07	-5.23	5.3219537	-1.29E-02	99396000	99396123	NC_000006.11
cg14356330	2.78E-06	4.26E-07	-5.23	5.3218441	-1.08E-01	110115053	110115176	NC_000006.11
cg02399464	2.78E-06	4.26E-07	-5.23	5.3215301	-5.18E-02	50482541	50482664	NC_000012.11
cg20047677	2.78E-06	4.26E-07	-5.23	5.3214063	-7.20E-02	113865876	113865999	NC_000012.11
cg02787989	2.79E-06	4.26E-07	-5.23	5.3204446	-6.39E-02	11713968	11714091	NC_000002.11
cg25134134	2.79E-06	4.27E-07	-5.23	5.3199887	-3.33E-02	51271666	51271789	NC_000014.8
cg18353345	2.79E-06	4.27E-07	-5.23	5.3198978	-4.04E-02	46961669	46961792	NC_000021.8
cg06174407	2.79E-06	4.27E-07	-5.23	5.3195835	-7.86E-02	29470232	29470355	NC_000022.10
cg26431313	2.79E-06	4.27E-07	-5.23	5.319583	-1.73E-02	151987306	151987429	NC_000003.11

cg19502359	2.79E-06	4.27E-07	-5.23	5.3195807	-1.05E-01	72912441	72912564	NC_000011.9
cg00367463	2.79E-06	4.27E-07	-5.23	5.319514	-6.72E-02	45249899	45250022	NC_000001.10
cg09950423	2.79E-06	4.27E-07	-5.23	5.3186953	-1.11E-01	49856768	49856891	NC_000016.9
cg25515758	2.79E-06	4.27E-07	-5.23	5.3184804	-1.04E-01	35045565	35045688	NC_000019.9
cg02351425	2.79E-06	4.27E-07	-5.23	5.3181412	-8.93E-02	142735186	142735309	NC_000003.11
cg13611499	2.79E-06	4.28E-07	-5.23	5.3180013	-3.02E-02	19547417	19547540	NC_000002.11
cg03829542	2.80E-06	4.28E-07	-5.23	5.3175473	-8.59E-02	67029374	67029497	NC_000011.9
cg07175191	2.80E-06	4.28E-07	-5.23	5.3174056	-1.74E-02	26988607	26988730	NC_000017.10
cg23226631	2.80E-06	4.28E-07	-5.23	5.316361	-1.13E-01	135174920	135175043	NC_000006.11
cg02642178	2.80E-06	4.28E-07	-5.23	5.3163067	-9.00E-02	50899694	50899817	NC_000022.10
cg20678353	2.80E-06	4.29E-07	-5.23	5.3156142	-1.04E-01	38988560	38988683	NC_000015.9
cg03356689	2.80E-06	4.29E-07	-5.23	5.3153349	-1.41E-01	128586365	128586488	NC_000011.9
cg21320567	2.80E-06	4.29E-07	-5.23	5.3147441	-1.48E-01	67975880	67976003	NC_000008.10
cg22610645	2.80E-06	4.29E-07	-5.23	5.3139968	-8.83E-02	58003898	58004021	NC_000012.11
cg16726435	2.80E-06	4.29E-07	-5.23	5.3139519	-1.21E-01	219128715	219128838	NC_000002.11
cg09809474	2.81E-06	4.29E-07	-5.23	5.3137118	-1.77E-02	1840100	1840223	NC_000001.10
cg02875869	2.81E-06	4.30E-07	-5.23	5.3134524	-8.70E-02	89901417	89901540	NC_000016.9
cg21504064	2.81E-06	4.30E-07	-5.23	5.3132687	-5.50E-02	41363502	41363625	NC_000017.10
cg11199036	2.81E-06	4.30E-07	-5.23	5.3131654	-2.32E-02	129325693	129325816	NC_000003.11
cg10726660	2.81E-06	4.30E-07	-5.23	5.3125973	-9.78E-02	118153200	118153323	NC_000010.10
cg18815957	2.81E-06	4.30E-07	-5.23	5.3124339	-6.06E-02	85666533	85666656	NC_000011.9
cg21103992	2.81E-06	4.30E-07	-5.23	5.3120571	-1.40E-01	18325505	18325628	NC_000022.10
cg04303879	2.81E-06	4.30E-07	-5.23	5.3116693	-5.36E-02	56899081	56899204	NC_000016.9
cg00800436	2.81E-06	4.31E-07	-5.23	5.3112879	-1.49E-02	46502501	46502624	NC_000018.9
cg14366742	2.81E-06	4.31E-07	-5.23	5.311269	-7.81E-02	8546989	8547112	NC_000004.11

cg04601510	2.81E-06	4.31E-07	-5.23	5.3111151	-7.52E-02	79307043	79307166	NC_000001.10
cg26899591	2.81E-06	4.31E-07	-5.23	5.3107583	-3.33E-02	10194996	10195119	NC_000011.9
cg22730967	2.81E-06	4.31E-07	-5.23	5.3104512	-2.29E-02	203097454	203097577	NC_000001.10
cg26550214	2.81E-06	4.31E-07	-5.23	5.3104126	-9.30E-02	34609493	34609616	NC_000005.9
cg13067350	2.81E-06	4.31E-07	-5.23	5.3103835	-5.63E-02	221274025	221274148	NC_000001.10
cg13452386	2.81E-06	4.31E-07	-5.23	5.310203	-8.38E-02	67398435	67398558	NC_000011.9
cg02370551	2.82E-06	4.31E-07	-5.23	5.309775	-4.05E-02	893230	893353	NC_000019.9
cg17480669	2.82E-06	4.31E-07	-5.23	5.3096035	-6.54E-02	40835317	40835440	NC_000005.9
cg16374656	2.82E-06	4.31E-07	-5.23	5.3093086	-1.06E-01	119124790	119124913	NC_000008.10
cg18371976	2.82E-06	4.31E-07	-5.23	5.3092452	-4.76E-02	42227082	42227205	NC_000006.11
cg05435390	2.82E-06	4.31E-07	-5.23	5.3091769	-7.27E-02	77863526	77863649	NC_000010.10
cg12501818	2.82E-06	4.32E-07	-5.23	5.3083419	-9.00E-02	45224505	45224628	NC_000002.11
cg06935184	2.82E-06	4.32E-07	-5.23	5.3079941	-2.40E-02	113775436	113775559	NC_000003.11
cg15611336	2.82E-06	4.32E-07	-5.23	5.3079919	-7.75E-02	75248496	75248619	NC_000015.9
cg15078329	2.83E-06	4.33E-07	-5.23	5.3060818	-8.45E-02	222628324	222628447	NC_000001.10
cg00818693	2.83E-06	4.33E-07	-5.23	5.3060332	-1.53E-02	180319964	180320087	NC_000003.11
cg11791155	2.83E-06	4.33E-07	-5.23	5.3057702	-7.75E-02	4247760	4247883	NC_000007.13
cg01959123	2.83E-06	4.33E-07	-5.23	5.3054345	-1.05E-01	65197576	65197699	NC_000015.9
cg00510507	2.83E-06	4.33E-07	-5.23	5.3052584	-1.32E-01	61900413	61900536	NC_000010.10
cg22381955	2.83E-06	4.34E-07	-5.23	5.3039161	-4.80E-02	133429949	133430072	NC_000012.11
cg01826025	2.83E-06	4.34E-07	-5.23	5.3038241	-6.11E-02	115656186	115656309	NC_000001.10
cg00080081	2.83E-06	4.34E-07	-5.23	5.3037436	-1.70E-01	33701776	33701899	NC_000017.10
cg00781875	2.83E-06	4.34E-07	-5.23	5.3031042	-1.95E-02	156252398	156252521	NC_000001.10
cg19035457	2.83E-06	4.34E-07	-5.23	5.3025546	-3.92E-02	56262833	56262956	NC_000004.11
cg11201751	2.84E-06	4.34E-07	-5.23	5.3024356	-7.89E-02	85158047	85158170	NC_000016.9

cg16098955	2.84E-06	4.34E-07	-5.23	5.3023669	-8.28E-02	55172992	55173115	NC_000002.11
cg14826417	2.84E-06	4.35E-07	-5.23	5.302161	-6.78E-02	73244073	73244196	NC_000007.13
cg23125898	2.84E-06	4.35E-07	-5.23	5.3021444	-3.84E-02	42539633	42539756	NC_000021.8
cg11540055	2.84E-06	4.35E-07	-5.23	5.3015319	-2.79E-02	64684823	64684946	NC_000011.9
cg01846824	2.84E-06	4.35E-07	-5.23	5.3014136	-2.52E-02	12939416	12939539	NC_000019.9
cg13944111	2.84E-06	4.35E-07	-5.23	5.3012289	-1.18E-01	107296891	107297014	NC_000012.11
cg23903470	2.84E-06	4.35E-07	-5.23	5.3011266	-2.04E-02	30876145	30876268	NC_000006.11
cg01916400	2.84E-06	4.35E-07	-5.23	5.300956	-1.11E-01	155548458	155548581	NC_000005.9
cg16656979	2.84E-06	4.35E-07	-5.23	5.300781	-3.17E-02	37403242	37403365	NC_000015.9
cg20372666	2.84E-06	4.35E-07	-5.23	5.3003498	-8.85E-02	71149910	71150033	NC_000010.10
cg27654611	2.84E-06	4.35E-07	-5.23	5.3002889	-2.08E-02	6255984	6256107	NC_000011.9
cg04004437	2.84E-06	4.35E-07	-5.23	5.3001718	-3.35E-02	21242479	21242602	NC_000018.9
cg14614917	2.84E-06	4.36E-07	-5.23	5.2999095	-1.23E-01	55984778	55984901	NC_000003.11
cg21833776	2.84E-06	4.36E-07	-5.23	5.2998051	-1.10E-01	114466093	114466216	NC_000011.9
cg04806421	2.84E-06	4.36E-07	-5.23	5.2995347	-2.17E-02	15069894	15070017	NC_000016.9
cg10012595	2.84E-06	4.36E-07	-5.23	5.2993587	-5.53E-02	25174504	25174627	NC_000001.10
cg20772590	2.84E-06	4.36E-07	-5.23	5.2992892	-1.03E-01	75446431	75446554	NC_000017.10
cg10234506	2.84E-06	4.36E-07	-5.23	5.298854	-4.56E-02	235291124	235291247	NC_000001.10
cg17224401	2.84E-06	4.36E-07	-5.23	5.2987968	-1.14E-01	46149996	46150119	NC_000003.11
cg02100410	2.85E-06	4.36E-07	-5.23	5.2985119	-1.09E-01	74731354	74731477	NC_000002.11
cg22973319	2.85E-06	4.36E-07	-5.23	5.2983695	-5.55E-02	50310839	50310962	NC_000003.11
cg26955287	2.85E-06	4.36E-07	-5.23	5.2981366	-8.17E-02	79958912	79959035	NC_000017.10
cg10603800	2.85E-06	4.36E-07	-5.23	5.2980343	-3.44E-02	80408909	80409032	NC_000017.10
cg04981737	2.85E-06	4.36E-07	-5.23	5.2980004	-7.79E-02	54383434	54383557	NC_000012.11
cg18098089	2.85E-06	4.37E-07	-5.23	5.2971407	-4.25E-02	146487	146610	NC_000017.10

cg22610194	2.85E-06	4.37E-07	-5.23	5.2968488	-1.49E-02	77045539	77045662	NC_000007.13
cg14814195	2.85E-06	4.37E-07	-5.23	5.296104	-2.11E-02	1313485	1313608	NC_000006.11
cg26647771	2.85E-06	4.37E-07	-5.23	5.2958958	-9.55E-02	32768395	32768518	NC_000005.9
cg23810463	2.85E-06	4.37E-07	-5.23	5.2958492	-9.43E-02	127208447	127208570	NC_000011.9
cg04951822	2.85E-06	4.37E-07	-5.23	5.295785	-1.02E-01	113345598	113345721	NC_000012.11
cg05556717	2.85E-06	4.38E-07	-5.23	5.2956928	-8.78E-02	75419304	75419427	NC_000007.13
cg13026072	2.85E-06	4.38E-07	-5.23	5.2956027	-8.74E-02	65380126	65380249	NC_000011.9
cg23064060	2.85E-06	4.38E-07	-5.23	5.2950329	-1.01E-02	129159190	129159313	NC_000003.11
cg27091422	2.86E-06	4.38E-07	-5.23	5.294704	-6.51E-02	30716343	30716466	NC_000004.11
cg07703130	2.86E-06	4.38E-07	-5.23	5.2946804	-2.14E-02	33342929	33343052	NC_000008.10
cg03046424	2.86E-06	4.38E-07	-5.23	5.2944813	-1.20E-01	220420867	220420990	NC_000002.11
cg08711064	2.86E-06	4.38E-07	-5.23	5.2944433	-2.89E-02	86564577	86564700	NC_000005.9
cg09534872	2.86E-06	4.39E-07	-5.23	5.2928054	-5.06E-02	33156837	33156960	NC_000011.9
cg14339466	2.86E-06	4.39E-07	-5.23	5.2922622	-1.37E-01	27927490	27927613	NC_000013.10
cg20126106	2.86E-06	4.39E-07	-5.23	5.2917439	-4.68E-02	111718135	111718258	NC_000003.11
cg11099375	2.86E-06	4.39E-07	-5.23	5.2915471	-1.22E-01	62141556	62141679	NC_000017.10
cg27121529	2.87E-06	4.40E-07	-5.23	5.29106	-7.32E-03	99102251	99102374	NC_000007.13
cg07801569	2.87E-06	4.40E-07	-5.23	5.2909844	-5.20E-02	31707151	31707274	NC_000006.11
cg00356916	2.87E-06	4.40E-07	-5.23	5.2908586	-8.14E-02	116256618	116256741	NC_000001.10
cg22706629	2.87E-06	4.40E-07	-5.23	5.2906671	-1.54E-02	65823539	65823662	NC_000015.9
cg01594514	2.87E-06	4.40E-07	-5.23	5.2905238	-1.74E-02	67374213	67374336	NC_000011.9
cg15518400	2.87E-06	4.40E-07	-5.23	5.2904556	-4.16E-02	47401883	47402006	NC_000002.11
cg20806175	2.87E-06	4.40E-07	-5.23	5.2901822	-1.04E-01	161186839	161186962	NC_000001.10
cg22850304	2.87E-06	4.41E-07	-5.23	5.288878	-1.79E-02	39325639	39325762	NC_000001.10
cg04788390	2.87E-06	4.41E-07	-5.23	5.2882459	-9.67E-02	17933642	17933765	NC_000001.10

cg17890940	2.87E-06	4.41E-07	-5.23	5.2880939	-1.60E-01	1782346	1782469	NC_000007.13
cg02647929	2.87E-06	4.41E-07	-5.23	5.2879935	-9.07E-02	4714080	4714203	NC_000016.9
cg09146872	2.87E-06	4.41E-07	-5.23	5.2878569	-5.44E-02	820881	821004	NC_000017.10
cg15989926	2.87E-06	4.41E-07	-5.23	5.2875564	-6.43E-02	124607875	124607998	NC_000012.11
cg17780207	2.88E-06	4.41E-07	-5.23	5.2873258	-7.88E-02	171565123	171565246	NC_000002.11
cg01729403	2.88E-06	4.41E-07	-5.23	5.2871423	-2.35E-02	124084822	124084945	NC_000008.10
cg13439596	2.88E-06	4.41E-07	-5.23	5.2869695	-9.42E-02	17746491	17746614	NC_000001.10
cg19360562	2.88E-06	4.41E-07	-5.23	5.2869299	-5.04E-02	116706626	116706749	NC_000011.9
cg15503098	2.88E-06	4.42E-07	-5.23	5.2867447	-1.50E-02	184723524	184723647	NC_000001.10
cg03174013	2.88E-06	4.42E-07	-5.23	5.2864441	-1.88E-02	176882548	176882671	NC_000005.9
cg21680979	2.88E-06	4.43E-07	-5.23	5.2843979	-1.90E-02	204485559	204485682	NC_000001.10
cg05441039	2.88E-06	4.43E-07	-5.23	5.2840163	-6.15E-02	89723364	89723487	NC_000016.9
cg26501599	2.89E-06	4.43E-07	-5.23	5.2837395	-3.63E-02	127310131	127310254	NC_000003.11
cg14089307	2.89E-06	4.43E-07	-5.23	5.2836355	-1.45E-02	69446181	69446304	NC_000014.8
cg27397757	2.89E-06	4.43E-07	-5.23	5.2833267	-1.10E-01	54199825	54199948	NC_000001.10
cg02275622	2.89E-06	4.43E-07	-5.23	5.283118	-4.45E-02	207773017	207773140	NC_000002.11
cg16218204	2.89E-06	4.43E-07	-5.23	5.2827821	-1.61E-02	150755571	150755694	NC_000007.13
cg14918927	2.89E-06	4.44E-07	-5.23	5.2818078	-8.11E-02	105477694	105477817	NC_000012.11
cg21357247	2.89E-06	4.44E-07	-5.23	5.2811267	-5.30E-02	235996646	235996769	NC_000002.11
cg09395427	2.89E-06	4.44E-07	-5.23	5.2807789	-1.07E-01	97487067	97487190	NC_000009.11
cg24768999	2.89E-06	4.44E-07	-5.23	5.2804339	-1.18E-01	127394912	127395035	NC_000003.11
cg24428389	2.89E-06	4.44E-07	-5.23	5.2803521	-7.85E-02	22438310	22438433	NC_000001.10
cg12624721	2.90E-06	4.45E-07	-5.23	5.2799786	-8.51E-02	143511575	143511698	NC_000008.10
cg18762104	2.90E-06	4.45E-07	-5.22	5.2793566	-5.02E-02	97535692	97535815	NC_000002.11
cg08885306	2.90E-06	4.45E-07	-5.22	5.278751	-5.05E-02	37216789	37216912	NC_000017.10



cg25554036	2.90E-06	4.45E-07	-5.22	5.2786262	-5.23E-02	6271136	6271259	NC_000004.11
cg14601357	2.90E-06	4.45E-07	-5.22	5.2783991	-5.72E-02	62168764	62168887	NC_000020.10
cg20533957	2.90E-06	4.45E-07	-5.22	5.2782865	-7.06E-02	94278538	94278661	NC_000011.9
cg07133445	2.90E-06	4.45E-07	-5.22	5.2782141	-1.54E-02	578352	578475	NC_000016.9
cg20769356	2.90E-06	4.46E-07	-5.22	5.2778686	-4.62E-02	93633172	93633295	NC_000007.13
cg02727674	2.90E-06	4.46E-07	-5.22	5.2772303	-1.65E-02	95611371	95611494	NC_000012.11
cg19980593	2.90E-06	4.46E-07	-5.22	5.2769506	-3.60E-02	128760909	128761032	NC_000011.9
cg10556036	2.91E-06	4.46E-07	-5.22	5.2761876	-8.19E-02	248856577	248856700	NC_000001.10
cg08065565	2.91E-06	4.47E-07	-5.22	5.2753611	-2.26E-02	8008274	8008397	NC_000019.9
cg14497203	2.91E-06	4.47E-07	-5.22	5.2750966	-1.05E-01	23487048	23487171	NC_000022.10
cg21858320	2.91E-06	4.47E-07	-5.22	5.2749557	-5.55E-02	3483007	3483130	NC_000002.11
cg26750789	2.91E-06	4.47E-07	-5.22	5.2738337	-4.88E-02	61987386	61987509	NC_000017.10
cg26632776	2.91E-06	4.48E-07	-5.22	5.2736468	-3.11E-02	45875534	45875657	NC_000021.8
cg04008056	2.91E-06	4.48E-07	-5.22	5.273272	-6.98E-02	52254842	52254965	NC_000003.11
cg24956866	2.91E-06	4.48E-07	-5.22	5.2731834	-6.40E-02	134464129	134464252	NC_000007.13
cg21411008	2.91E-06	4.48E-07	-5.22	5.2730906	-4.66E-02	25216506	25216629	NC_000007.13
cg06871344	2.92E-06	4.48E-07	-5.22	5.2718558	-7.28E-02	452707	452830	NC_000017.10
cg03868770	2.92E-06	4.49E-07	-5.22	5.2715478	-9.37E-02	30783737	30783860	NC_000022.10
cg06193004	2.92E-06	4.49E-07	-5.22	5.271461	-5.40E-02	43729874	43729997	NC_000020.10
cg03449125	2.92E-06	4.49E-07	-5.22	5.2713017	-1.12E-01	76779064	76779187	NC_000011.9
cg09998451	2.92E-06	4.49E-07	-5.22	5.2712385	-2.27E-02	18313429	18313552	NC_000019.9
cg00776405	2.92E-06	4.49E-07	-5.22	5.2712057	-1.21E-01	133967862	133967985	NC_000008.10
cg18293437	2.92E-06	4.49E-07	-5.22	5.2700961	-9.74E-02	3055544	3055667	NC_000020.10
cg05025427	2.92E-06	4.49E-07	-5.22	5.2698134	-1.12E-01	3804092	3804215	NC_000010.10
cg12227411	2.92E-06	4.49E-07	-5.22	5.2695979	-8.97E-02	25469014	25469137	NC_000015.9

cg22947965	2.93E-06	4.50E-07	-5.22	5.2689629	-1.07E-01	123775188	123775311	NC_000011.9
cg22652782	2.93E-06	4.50E-07	-5.22	5.2684091	-2.36E-02	50934765	50934888	NC_000019.9
cg05304729	2.93E-06	4.50E-07	-5.22	5.2682784	-9.00E-02	158800024	158800147	NC_000001.10
cg12183875	2.93E-06	4.50E-07	-5.22	5.2681401	-1.16E-01	169587454	169587577	NC_000003.11
cg07385257	2.93E-06	4.50E-07	-5.22	5.2676927	-9.48E-02	35803167	35803290	NC_000008.10
cg05752118	2.94E-06	4.51E-07	-5.22	5.2658255	-9.99E-02	2920564	2920687	NC_000011.9
cg19529675	2.94E-06	4.51E-07	-5.22	5.2654769	-1.93E-02	36429805	36429928	NC_000007.13
cg14186944	2.94E-06	4.51E-07	-5.22	5.2654494	-7.10E-02	98335074	98335197	NC_000009.11
cg05038881	2.94E-06	4.52E-07	-5.22	5.2651735	-8.38E-02	10490043	10490166	NC_000001.10
cg00371570	2.94E-06	4.52E-07	-5.22	5.2649949	-5.39E-02	43452360	43452483	NC_000002.11
cg26721803	2.94E-06	4.52E-07	-5.22	5.2647415	-6.57E-02	30690844	30690967	NC_000006.11
cg17651317	2.94E-06	4.52E-07	-5.22	5.2646555	-2.48E-02	68080928	68081051	NC_000011.9
cg00363845	2.94E-06	4.52E-07	-5.22	5.2646506	-9.21E-02	17446137	17446260	NC_000019.9
cg26642667	2.94E-06	4.52E-07	-5.22	5.2641933	-6.73E-02	127292389	127292512	NC_000007.13
cg16555537	2.94E-06	4.52E-07	-5.22	5.2637097	-3.34E-02	100464771	100464894	NC_000007.13
cg06637001	2.94E-06	4.52E-07	-5.22	5.2636336	-1.57E-01	228463634	228463757	NC_000001.10
cg04122068	2.94E-06	4.52E-07	-5.22	5.2635609	-2.86E-02	160068504	160068627	NC_000001.10
cg10967990	2.94E-06	4.52E-07	-5.22	5.2634709	-3.96E-02	17738370	17738493	NC_000001.10
cg06015997	2.94E-06	4.52E-07	-5.22	5.2633925	-6.59E-02	11370372	11370495	NC_000016.9
cg25984249	2.94E-06	4.52E-07	-5.22	5.2631386	-3.09E-02	31509765	31509888	NC_000006.11
cg00449608	2.94E-06	4.53E-07	-5.22	5.2628836	-6.12E-02	105856709	105856832	NC_000002.11
ch.13.504751F	2.95E-06	4.53E-07	-5.22	5.2619185	-1.15E-02	41646676	41646799	NC_000013.10
cg26304147	2.95E-06	4.53E-07	-5.22	5.2619087	-4.76E-02	69924046	69924169	NC_000011.9
cg02468728	2.95E-06	4.53E-07	-5.22	5.2617638	-9.98E-02	611107	611230	NC_000019.9
cg12017102	2.95E-06	4.53E-07	-5.22	5.2617041	-1.98E-02	208416636	208416759	NC_000001.10

cg03852551	2.95E-06	4.53E-07	-5.22	5.2613694	-5.84E-02	167596239	167596362	NC_000006.11
cg03552937	2.95E-06	4.53E-07	-5.22	5.2610737	-1.03E-01	44795713	44795836	NC_000007.13
cg06529134	2.95E-06	4.54E-07	-5.22	5.260784	-2.67E-02	57226134	57226257	NC_000020.10
cg19611441	2.95E-06	4.54E-07	-5.22	5.259889	-1.29E-01	105126372	105126495	NC_000014.8
cg05433911	2.95E-06	4.54E-07	-5.22	5.2594317	-1.96E-02	140116869	140116992	NC_000009.11
cg21176137	2.95E-06	4.54E-07	-5.22	5.2591956	-4.27E-02	96725397	96725520	NC_000009.11
cg12126859	2.96E-06	4.55E-07	-5.22	5.2579668	-1.18E-01	335281	335404	NC_000008.10
cg10134156	2.96E-06	4.56E-07	-5.22	5.2561358	-7.36E-02	77732494	77732617	NC_000014.8
cg10012920	2.96E-06	4.56E-07	-5.22	5.2557494	-7.94E-02	123222531	123222654	NC_000011.9
cg19148281	2.96E-06	4.56E-07	-5.22	5.2552904	-7.74E-02	111577973	111578096	NC_000003.11
cg12851514	2.97E-06	4.57E-07	-5.22	5.2544322	-6.90E-02	18775065	18775188	NC_000020.10
cg22917286	2.97E-06	4.57E-07	-5.22	5.2539996	-3.98E-02	25539889	25540012	NC_000012.11
cg06235429	2.97E-06	4.57E-07	-5.22	5.2528415	-3.05E-02	67373114	67373237	NC_000011.9
cg27498669	2.97E-06	4.57E-07	-5.22	5.2527138	-2.11E-02	32262017	32262140	NC_000020.10
cg06231724	2.97E-06	4.57E-07	-5.22	5.2524576	-6.14E-02	127911923	127912046	NC_000002.11
cg23338408	2.97E-06	4.57E-07	-5.22	5.2524217	-7.96E-02	31289523	31289646	NC_000014.8
cg15153684	2.97E-06	4.57E-07	-5.22	5.2524177	-1.83E-01	10686963	10687086	NC_000002.11
cg26904260	2.98E-06	4.58E-07	-5.22	5.2515072	-8.70E-02	45714651	45714774	NC_000011.9
cg14939446	2.98E-06	4.58E-07	-5.22	5.2509807	-6.63E-02	2571015	2571138	NC_000016.9
cg08220084	2.98E-06	4.58E-07	-5.22	5.2508633	-3.11E-02	23426592	23426715	NC_000014.8
cg11036656	2.98E-06	4.58E-07	-5.22	5.2506842	-8.82E-02	81887543	81887666	NC_000003.11
cg01442334	2.98E-06	4.59E-07	-5.22	5.249794	-3.73E-02	110481823	110481946	NC_000004.11
cg03071876	2.98E-06	4.59E-07	-5.22	5.2495658	-1.11E-01	45929434	45929557	NC_000017.10
cg13718827	2.98E-06	4.59E-07	-5.22	5.2490945	-6.59E-02	131008520	131008643	NC_000009.11
cg03865041	2.98E-06	4.59E-07	-5.22	5.248865	-2.85E-02	71842666	71842789	NC_000016.9

cg24229662	2.98E-06	4.59E-07	-5.22	5.2487698	-9.92E-02	121499644	121499767	NC_000002.11
cg15041662	2.98E-06	4.59E-07	-5.22	5.2486668	-9.46E-02	14115369	14115492	NC_000017.10
cg11117945	2.98E-06	4.59E-07	-5.22	5.2484266	-8.05E-02	45524714	45524837	NC_000020.10
cg18158438	2.99E-06	4.60E-07	-5.22	5.2479773	-8.34E-02	64322994	64323117	NC_000011.9
cg21898046	2.99E-06	4.60E-07	-5.22	5.2475783	-1.05E-01	180231026	180231149	NC_000005.9
cg22383472	2.99E-06	4.60E-07	-5.22	5.2471639	-2.09E-02	44009067	44009190	NC_000019.9
cg18908419	2.99E-06	4.60E-07	-5.22	5.2470223	-6.12E-02	75800004	75800127	NC_000010.10
cg06876354	2.99E-06	4.60E-07	-5.22	5.2462645	-8.32E-02	121020189	121020312	NC_000002.11
cg17477273	2.99E-06	4.60E-07	-5.22	5.2462506	-4.91E-02	36198473	36198596	NC_000006.11
cg08205865	2.99E-06	4.60E-07	-5.22	5.2460938	-1.13E-01	167883379	167883502	NC_000001.10
cg03996020	2.99E-06	4.61E-07	-5.22	5.2455278	-1.29E-01	157180124	157180247	NC_000007.13
cg22315903	2.99E-06	4.61E-07	-5.22	5.2453506	-8.40E-02	45754009	45754132	NC_000021.8
cg01936090	2.99E-06	4.61E-07	-5.22	5.2453184	-3.64E-02	179923733	179923856	NC_000001.10
cg21771528	2.99E-06	4.61E-07	-5.22	5.2450984	-9.01E-02	18745861	18745984	NC_000005.9
cg21092021	2.99E-06	4.61E-07	-5.22	5.2450982	-9.17E-02	31914223	31914346	NC_000006.11
cg18573204	2.99E-06	4.61E-07	-5.22	5.2444748	-3.09E-02	798458	798581	NC_000011.9
cg18758900	2.99E-06	4.61E-07	-5.22	5.2444484	-8.72E-02	66119400	66119523	NC_000012.11
ch.9.1104901R	3.00E-06	4.62E-07	-5.22	5.2437593	-4.21E-02	85992603	85992726	NC_000009.11
cg19272382	3.00E-06	4.62E-07	-5.22	5.2436527	-1.91E-02	211848938	211849061	NC_000001.10
cg11372934	3.00E-06	4.62E-07	-5.22	5.2435861	-9.37E-02	1195318	1195441	NC_000004.11
cg06833709	3.00E-06	4.62E-07	-5.22	5.2432675	-1.17E-01	95517498	95517621	NC_000010.10
cg10319709	3.00E-06	4.62E-07	-5.22	5.242764	-1.17E-01	45155097	45155220	NC_000001.10
cg21318521	3.00E-06	4.62E-07	-5.22	5.2426654	-1.43E-02	107349259	107349382	NC_000006.11
cg15742751	3.00E-06	4.62E-07	-5.22	5.2422227	-6.70E-02	155213747	155213870	NC_000001.10
cg08733250	3.00E-06	4.62E-07	-5.22	5.2421531	-5.54E-02	604141	604264	NC_000007.13

cg09874752	3.00E-06	4.62E-07	-5.22	5.2421017	-6.10E-02	99531309	99531432	NC_000010.10
cg17882374	3.00E-06	4.63E-07	-5.22	5.2412011	-2.12E-01	78041429	78041552	NC_000017.10
cg15626665	3.00E-06	4.63E-07	-5.22	5.2410459	-2.12E-02	33366803	33366926	NC_000001.10
cg00964055	3.00E-06	4.63E-07	-5.22	5.2408042	-2.29E-02	150070705	150070828	NC_000006.11
cg17524624	3.01E-06	4.63E-07	-5.22	5.2406192	-2.83E-02	142960387	142960510	NC_000007.13
cg04153890	3.01E-06	4.63E-07	-5.22	5.240525	-2.22E-02	47633892	47634015	NC_000017.10
cg10877430	3.01E-06	4.64E-07	-5.22	5.2394331	-7.38E-02	113527336	113527459	NC_000012.11
cg05221455	3.01E-06	4.64E-07	-5.22	5.2390849	-1.25E-01	829616	829739	NC_000011.9
cg02873098	3.01E-06	4.64E-07	-5.22	5.2387515	-8.10E-02	4524103	4524226	NC_000016.9
cg03074188	3.01E-06	4.64E-07	-5.22	5.2379203	-1.40E-01	37557348	37557471	NC_000008.10
cg22110770	3.01E-06	4.64E-07	-5.22	5.2378321	-1.55E-02	66360551	66360674	NC_000011.9
cg10861807	3.02E-06	4.65E-07	-5.22	5.2369705	-2.10E-02	40575499	40575622	NC_000017.10
cg09317128	3.02E-06	4.65E-07	-5.22	5.2361403	-7.99E-02	56265301	56265424	NC_000004.11
cg06634750	3.02E-06	4.65E-07	-5.22	5.2359165	-5.25E-02	50186413	50186536	NC_000016.9
cg09634707	3.02E-06	4.66E-07	-5.22	5.2349376	-1.15E-01	72219713	72219836	NC_000010.10
cg23318893	3.02E-06	4.66E-07	-5.22	5.2348777	-9.78E-02	29974083	29974206	NC_000006.11
cg04685636	3.02E-06	4.66E-07	-5.22	5.2347498	-1.14E-02	175351922	175352045	NC_000002.11
cg09662694	3.03E-06	4.66E-07	-5.22	5.2337574	-3.44E-02	85980803	85980926	NC_000002.11
cg25653141	3.03E-06	4.67E-07	-5.21	5.2332491	-7.83E-03	91260518	91260641	NC_000015.9
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cg00794227	3.03E-06	4.68E-07	-5.21	5.2313871	-2.21E-02	28696966	28697089	NC_000001.10
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cg13576483	3.04E-06	4.68E-07	-5.21	5.2299598	-7.21E-02	67290850	67290973	NC_000011.9

cg27607898	3.04E-06	4.68E-07	-5.21	5.2298057	-3.21E-02	4136202	4136325	NC_000006.11
cg13821490	3.04E-06	4.68E-07	-5.21	5.2293833	-2.32E-02	100798061	100798184	NC_000007.13
cg02117489	3.04E-06	4.69E-07	-5.21	5.2293667	-1.38E-01	167284462	167284585	NC_000006.11
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cg10676309	3.04E-06	4.69E-07	-5.21	5.228127	-5.65E-02	137685565	137685688	NC_000005.9
cg08042647	3.04E-06	4.69E-07	-5.21	5.2279142	-1.44E-02	47127740	47127863	NC_000013.10
cg20631180	3.04E-06	4.69E-07	-5.21	5.2278947	-5.77E-02	18208374	18208497	NC_000019.9
cg03565081	3.04E-06	4.69E-07	-5.21	5.2276591	-1.18E-01	23478970	23479093	NC_000014.8
cg24118052	3.04E-06	4.69E-07	-5.21	5.22761	-6.74E-02	28919387	28919510	NC_000001.10
cg07657776	3.04E-06	4.69E-07	-5.21	5.2273886	-4.77E-02	109914065	109914188	NC_000012.11
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cg25469234	3.05E-06	4.70E-07	-5.21	5.2261583	-2.64E-02	160822711	160822834	NC_000003.11
cg13644646	3.05E-06	4.70E-07	-5.21	5.2258426	-5.04E-02	4836018	4836141	NC_000006.11
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cg17947225	3.05E-06	4.71E-07	-5.21	5.2248384	-5.39E-02	115516524	115516647	NC_000008.10
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cg25829226	3.05E-06	4.71E-07	-5.21	5.2240033	-3.45E-02	65134451	65134574	NC_000015.9
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cg23651812	3.06E-06	4.72E-07	-5.21	5.2228961	-1.04E-01	1104366	1104489	NC_000001.10
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cg18086592	3.06E-06	4.72E-07	-5.21	5.2227699	-2.27E-02	13153464	13153587	NC_000012.11

cg27277212	3.06E-06	4.72E-07	-5.21	5.2225887	-5.43E-02	31230936	31231059	NC_000012.11
cg12789279	3.06E-06	4.72E-07	-5.21	5.2224749	-1.11E-01	140339594	140339717	NC_000007.13
cg20191959	3.06E-06	4.72E-07	-5.21	5.2222501	-4.60E-02	132430691	132430814	NC_000002.11
cg08557929	3.06E-06	4.72E-07	-5.21	5.2219153	-4.88E-02	113487737	113487860	NC_000013.10
cg27181079	3.06E-06	4.72E-07	-5.21	5.2218667	-5.08E-02	10766103	10766226	NC_000012.11
cg22569154	3.06E-06	4.72E-07	-5.21	5.2216695	-9.94E-02	147088445	147088568	NC_000005.9
cg20191858	3.06E-06	4.73E-07	-5.21	5.2208323	-6.04E-02	82693054	82693177	NC_000011.9
cg10326287	3.06E-06	4.73E-07	-5.21	5.220718	-4.73E-02	84853821	84853944	NC_000016.9
cg08468995	3.06E-06	4.73E-07	-5.21	5.2206813	-1.43E-02	18812428	18812551	NC_000016.9
cg06532163	3.07E-06	4.73E-07	-5.21	5.2198495	-1.17E-01	45867833	45867956	NC_000017.10
cg07468777	3.07E-06	4.73E-07	-5.21	5.2190981	-2.13E-02	92573175	92573298	NC_000014.8
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cg27310092	3.07E-06	4.74E-07	-5.21	5.2184028	-6.23E-02	151945663	151945786	NC_000001.10
cg03946297	3.07E-06	4.74E-07	-5.21	5.2183871	-1.22E-01	71140689	71140812	NC_000001.10
cg22501604	3.07E-06	4.74E-07	-5.21	5.2181949	-4.08E-02	187647344	187647467	NC_000004.11
cg15000232	3.07E-06	4.74E-07	-5.21	5.2178666	-3.62E-02	44319424	44319547	NC_000022.10
cg22480783	3.07E-06	4.74E-07	-5.21	5.2171031	-1.31E-01	25149622	25149745	NC_000002.11
cg26186665	3.07E-06	4.75E-07	-5.21	5.2168588	-3.45E-02	65153760	65153883	NC_000011.9
cg21186263	3.08E-06	4.75E-07	-5.21	5.2164369	-9.20E-02	102517094	102517217	NC_000014.8
cg27420590	3.08E-06	4.75E-07	-5.21	5.2163811	-6.48E-02	5206640	5206763	NC_000019.9
cg24241057	3.08E-06	4.75E-07	-5.21	5.2163254	-4.06E-02	4982241	4982364	NC_000020.10
cg01604404	3.08E-06	4.75E-07	-5.21	5.2162282	-8.84E-02	237460590	237460713	NC_000002.11
cg08273750	3.08E-06	4.75E-07	-5.21	5.2160879	-6.76E-02	2011282	2011405	NC_000011.9
cg08944961	3.08E-06	4.75E-07	-5.21	5.2157346	-1.38E-01	111537195	111537318	NC_000012.11
cg15929276	3.08E-06	4.75E-07	-5.21	5.2156331	-1.15E-01	35687457	35687580	NC_000006.11

cg22809856	3.08E-06	4.75E-07	-5.21	5.2151855	-6.24E-02	123479554	123479677	NC_000008.10
cg08746138	3.08E-06	4.76E-07	-5.21	5.2149372	-1.56E-02	218519552	218519675	NC_000001.10
cg15958289	3.08E-06	4.76E-07	-5.21	5.2148649	-1.22E-01	126188994	126189117	NC_000011.9
cg01177235	3.08E-06	4.76E-07	-5.21	5.2148386	-3.32E-02	33265011	33265134	NC_000009.11
cg13757735	3.08E-06	4.76E-07	-5.21	5.2144597	-5.58E-02	57081572	57081695	NC_000012.11
cg23779331	3.08E-06	4.76E-07	-5.21	5.2137905	-2.36E-02	4614312	4614435	NC_000017.10
cg16018124	3.08E-06	4.76E-07	-5.21	5.2135453	-8.74E-02	94627566	94627689	NC_000008.10
cg23350446	3.09E-06	4.77E-07	-5.21	5.2116449	-2.89E-02	170893182	170893305	NC_000006.11
cg18265147	3.09E-06	4.77E-07	-5.21	5.2113051	-4.58E-02	9256671	9256794	NC_000001.10
cg26149658	3.09E-06	4.78E-07	-5.21	5.2105794	-7.85E-02	2439423	2439546	NC_000004.11
cg10276016	3.09E-06	4.78E-07	-5.21	5.2099056	-1.20E-01	16639517	16639640	NC_000007.13
cg24419164	3.09E-06	4.78E-07	-5.21	5.2098169	-1.44E-02	69455962	69456085	NC_000011.9
cg13026772	3.10E-06	4.78E-07	-5.21	5.2095825	-9.43E-02	125098532	125098655	NC_000011.9
cg11936560	3.10E-06	4.79E-07	-5.21	5.2086247	-9.01E-02	21688798	21688921	NC_000010.10
cg17825384	3.10E-06	4.79E-07	-5.21	5.2085827	-2.33E-02	31380853	31380976	NC_000001.10
cg22459078	3.10E-06	4.79E-07	-5.21	5.2083884	-3.83E-02	67185735	67185858	NC_000005.9
cg19005033	3.10E-06	4.79E-07	-5.21	5.2080587	-1.19E-01	140265895	140266018	NC_000009.11
cg24116687	3.10E-06	4.79E-07	-5.21	5.2077827	-1.27E-01	106537991	106538114	NC_000006.11
cg16725948	3.10E-06	4.79E-07	-5.21	5.2077478	-1.00E-01	90167635	90167758	NC_000014.8
cg16902973	3.10E-06	4.79E-07	-5.21	5.2075312	-8.40E-02	15288310	15288433	NC_000019.9
cg19098437	3.10E-06	4.79E-07	-5.21	5.2074213	-1.01E-01	72113322	72113445	NC_000006.11
cg03159329	3.10E-06	4.79E-07	-5.21	5.207269	-2.93E-02	169103514	169103637	NC_000002.11
cg02692052	3.10E-06	4.79E-07	-5.21	5.2072424	-4.31E-02	23082876	23082999	NC_000008.10
cg10949413	3.10E-06	4.80E-07	-5.21	5.2068017	-6.08E-02	26158832	26158955	NC_000006.11
cg00033490	3.10E-06	4.80E-07	-5.21	5.2063808	-7.07E-02	87027887	87028010	NC_000007.13



cg23075611	3.11E-06	4.80E-07	-5.21	5.2060113	-7.08E-02	25145254	25145377	NC_000015.9
cg20824989	3.11E-06	4.80E-07	-5.21	5.2050008	-1.63E-01	208491939	208492062	NC_000002.11
cg22254606	3.11E-06	4.81E-07	-5.21	5.2044464	-8.62E-02	119479475	119479598	NC_000006.11
cg01458961	3.11E-06	4.81E-07	-5.21	5.2042164	-1.88E-02	102269425	102269548	NC_000004.11
cg02106180	3.11E-06	4.81E-07	-5.21	5.2030187	-1.19E-01	845767	845890	NC_000016.9
cg01918604	3.11E-06	4.81E-07	-5.21	5.2030179	-8.49E-02	112107941	112108064	NC_000001.10
cg19190762	3.12E-06	4.82E-07	-5.21	5.2023441	-1.16E-01	44806055	44806178	NC_000013.10
ch.1.228006015R	3.12E-06	4.82E-07	-5.21	5.2021513	-2.31E-02	229939392	229939515	NC_000001.10
cg04305673	3.12E-06	4.82E-07	-5.21	5.2015734	-7.99E-02	379581	379704	NC_000006.11
cg10526841	3.12E-06	4.82E-07	-5.21	5.2015207	-6.38E-02	30182507	30182630	NC_000006.11
cg08588414	3.12E-06	4.83E-07	-5.21	5.2005933	-4.30E-02	169226697	169226820	NC_000006.11
cg13240385	3.12E-06	4.83E-07	-5.21	5.2002228	-2.67E-02	54982590	54982713	NC_000012.11
cg13879411	3.12E-06	4.83E-07	-5.21	5.1998381	-8.13E-02	7474236	7474359	NC_000007.13
cg13223682	3.13E-06	4.83E-07	-5.21	5.1990623	-1.02E-01	174889929	174890052	NC_000002.11
cg02773889	3.13E-06	4.84E-07	-5.21	5.1987492	-1.98E-02	42615649	42615772	NC_000013.10
cg05486551	3.13E-06	4.84E-07	-5.21	5.1987173	-4.70E-02	5731259	5731382	NC_000020.10
cg06015142	3.13E-06	4.84E-07	-5.21	5.1985918	-8.28E-02	76924364	76924487	NC_000007.13
cg01732469	3.13E-06	4.84E-07	-5.21	5.1974085	-6.29E-02	72788024	72788147	NC_000007.13
cg09518906	3.13E-06	4.84E-07	-5.21	5.1972532	-1.16E-01	35595403	35595526	NC_000002.11
cg19234736	3.13E-06	4.84E-07	-5.21	5.1972371	-6.15E-02	51996834	51996957	NC_000003.11
cg24924051	3.14E-06	4.85E-07	-5.21	5.1960446	-6.61E-02	32408427	32408550	NC_000003.11
cg22390040	3.14E-06	4.85E-07	-5.21	5.195856	-1.13E-01	17220621	17220744	NC_000008.10
cg09070415	3.14E-06	4.85E-07	-5.21	5.1951913	-8.84E-02	32041052	32041175	NC_000001.10
cg15830441	3.14E-06	4.86E-07	-5.21	5.1946913	-2.98E-02	21348144	21348267	NC_000013.10
cg26161057	3.14E-06	4.86E-07	-5.21	5.1937474	-6.59E-02	27881600	27881723	NC_000001.10

cg11507178	3.14E-06	4.86E-07	-5.21	5.193715	-4.16E-02	118781515	118781638	NC_000011.9
cg12924430	3.14E-06	4.86E-07	-5.21	5.1934268	-1.11E-01	104644895	104645018	NC_000014.8
cg05921834	3.15E-06	4.86E-07	-5.21	5.1929163	-2.25E-02	80709563	80709686	NC_000017.10
cg04089111	3.15E-06	4.87E-07	-5.21	5.1921747	-2.25E-02	74942655	74942778	NC_000002.11
cg07163480	3.15E-06	4.87E-07	-5.21	5.1920598	-9.74E-02	236007482	236007605	NC_000002.11
cg06177627	3.15E-06	4.87E-07	-5.21	5.1916581	-2.50E-02	23751208	23751331	NC_000001.10
cg18630644	3.15E-06	4.87E-07	-5.21	5.1915181	-4.94E-02	4079528	4079651	NC_000006.11
cg24673801	3.15E-06	4.87E-07	-5.21	5.1912303	-8.29E-02	126297454	126297577	NC_000005.9
cg16618789	3.15E-06	4.88E-07	-5.21	5.1903267	-9.56E-02	10116380	10116503	NC_000007.13
cg20790648	3.15E-06	4.88E-07	-5.21	5.1901991	-1.11E-01	151619923	151620046	NC_000003.11
cg09603584	3.16E-06	4.88E-07	-5.21	5.1895064	-3.15E-02	3443969	3444092	NC_000011.9
cg23918047	3.16E-06	4.88E-07	-5.21	5.1890451	-4.23E-02	79828356	79828479	NC_000017.10
cg16894211	3.16E-06	4.89E-07	-5.21	5.1881111	-8.35E-02	33403542	33403665	NC_000022.10
cg25260420	3.16E-06	4.89E-07	-5.2	5.1877212	-7.65E-02	5823816	5823939	NC_000019.9
cg17503629	3.16E-06	4.89E-07	-5.2	5.1874027	-5.11E-02	31381718	31381841	NC_000001.10
cg11020333	3.16E-06	4.89E-07	-5.2	5.1870134	-8.50E-02	2861855	2861978	NC_000007.13
cg09970967	3.16E-06	4.90E-07	-5.2	5.1865724	-7.89E-02	73602752	73602875	NC_000014.8
cg21820517	3.16E-06	4.90E-07	-5.2	5.1863844	-1.77E-02	21672497	21672620	NC_000001.10
cg24034412	3.17E-06	4.90E-07	-5.2	5.1862779	-1.94E-02	49122294	49122417	NC_000019.9
cg09104050	3.17E-06	4.90E-07	-5.2	5.185702	-3.55E-02	68563912	68564035	NC_000016.9
cg23403099	3.17E-06	4.91E-07	-5.2	5.1842353	-9.33E-02	32942254	32942377	NC_000017.10
cg11620328	3.17E-06	4.91E-07	-5.2	5.1840492	-8.29E-02	31760521	31760644	NC_000006.11
cg08136190	3.17E-06	4.91E-07	-5.2	5.183331	-4.76E-02	30301942	30302065	NC_000006.11
cg26406924	3.17E-06	4.91E-07	-5.2	5.183204	-1.21E-01	176811378	176811501	NC_000001.10
cg01217204	3.17E-06	4.91E-07	-5.2	5.1830708	-1.74E-02	113239325	113239448	NC_000002.11

cg13770461	3.18E-06	4.92E-07	-5.2	5.1813998	-7.22E-02	46016312	46016435	NC_000011.9
cg24732062	3.18E-06	4.93E-07	-5.2	5.1807295	-4.29E-02	95365212	95365335	NC_000011.9
cg11839355	3.18E-06	4.93E-07	-5.2	5.1800793	-2.13E-02	101963358	101963481	NC_000008.10
cg08742313	3.19E-06	4.93E-07	-5.2	5.1796661	-2.34E-02	104404887	104405010	NC_000010.10
cg20926679	3.19E-06	4.93E-07	-5.2	5.1796661	-1.03E-01	126188582	126188705	NC_000004.11
cg09287359	3.19E-06	4.94E-07	-5.2	5.1782915	-8.02E-02	39279408	39279531	NC_000019.9
cg20659941	3.19E-06	4.94E-07	-5.2	5.1781173	-8.92E-02	55888395	55888518	NC_000018.9
cg20732304	3.19E-06	4.94E-07	-5.2	5.1781053	-7.83E-02	113752657	113752780	NC_000013.10
cg25338577	3.20E-06	4.95E-07	-5.2	5.1764621	-1.46E-02	201391149	201391272	NC_000002.11
cg06292532	3.20E-06	4.95E-07	-5.2	5.1764277	-1.92E-02	202936584	202936707	NC_000001.10
cg18206867	3.20E-06	4.95E-07	-5.2	5.1759101	-8.31E-02	62422351	62422474	NC_000002.11
cg09120809	3.20E-06	4.95E-07	-5.2	5.1756205	-3.62E-02	64081332	64081455	NC_000008.10
cg02650512	3.20E-06	4.96E-07	-5.2	5.1750903	-1.23E-01	27048975	27049098	NC_000017.10
cg08552043	3.20E-06	4.96E-07	-5.2	5.1748247	-7.71E-02	2810570	2810693	NC_000011.9
cg21664866	3.20E-06	4.96E-07	-5.2	5.1740403	-7.53E-02	24537140	24537263	NC_000002.11
cg01599189	3.20E-06	4.96E-07	-5.2	5.1739001	-2.53E-02	16939520	16939643	NC_000001.10
cg05857825	3.20E-06	4.96E-07	-5.2	5.173899	-1.67E-02	31408213	31408336	NC_000020.10
cg13500354	3.21E-06	4.97E-07	-5.2	5.1726065	-6.12E-02	168617491	168617614	NC_000006.11
cg02101571	3.21E-06	4.97E-07	-5.2	5.172319	-9.48E-02	11853878	11854001	NC_000008.10
cg07639476	3.21E-06	4.98E-07	-5.2	5.1710023	-5.94E-02	150004345	150004468	NC_000007.13
cg11792786	3.21E-06	4.98E-07	-5.2	5.170932	-8.92E-02	14870083	14870206	NC_000005.9
cg12270129	3.21E-06	4.98E-07	-5.2	5.1708163	-2.41E-02	121734046	121734169	NC_000012.11
cg00588297	3.22E-06	4.98E-07	-5.2	5.1693583	-1.14E-01	74753691	74753814	NC_000002.11
cg01203153	3.22E-06	4.98E-07	-5.2	5.169289	-1.06E-01	180643432	180643555	NC_000005.9
cg11637076	3.22E-06	4.99E-07	-5.2	5.1691827	-5.15E-02	49575188	49575311	NC_000019.9

cg13595415	3.22E-06	4.99E-07	-5.2	5.1690329	-6.71E-02	96780753	96780876	NC_000009.11
cg00037013	3.22E-06	4.99E-07	-5.2	5.1689435	-4.76E-02	219722536	219722659	NC_000002.11
cg00195561	3.22E-06	4.99E-07	-5.2	5.1684018	-8.39E-02	46408584	46408707	NC_000011.9
cg10489463	3.22E-06	4.99E-07	-5.2	5.1683533	-1.33E-01	33546572	33546695	NC_000002.11
cg05254518	3.22E-06	4.99E-07	-5.2	5.1682565	-1.31E-01	86245702	86245825	NC_000015.9
cg24914483	3.22E-06	4.99E-07	-5.2	5.1677728	-1.11E-01	2653997	2654120	NC_000018.9
cg01080924	3.22E-06	4.99E-07	-5.2	5.1673593	-5.49E-02	46449550	46449673	NC_000022.10
cg00244111	3.22E-06	5.00E-07	-5.2	5.1668487	-8.35E-02	149086884	149087007	NC_000003.11
cg21772776	3.23E-06	5.00E-07	-5.2	5.166103	-4.53E-02	36156216	36156339	NC_000020.10
cg04915058	3.23E-06	5.00E-07	-5.2	5.1659808	-1.04E-01	55693741	55693864	NC_000003.11
cg24776142	3.23E-06	5.00E-07	-5.2	5.1657595	-1.21E-01	16513829	16513952	NC_000006.11
cg11393453	3.23E-06	5.01E-07	-5.2	5.1652696	-2.62E-02	30050326	30050449	NC_000018.9
ch.8.81283154R	3.23E-06	5.01E-07	-5.2	5.1649411	-1.86E-02	81120599	81120722	NC_000008.10
cg25980418	3.23E-06	5.01E-07	-5.2	5.1639821	-1.00E-01	112848467	112848590	NC_000005.9
cg00687674	3.24E-06	5.02E-07	-5.2	5.1631446	-9.07E-02	69373260	69373383	NC_000015.9
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cg19606431	3.24E-06	5.02E-07	-5.2	5.1621833	-1.34E-02	131949205	131949328	NC_000006.11
cg06367135	3.24E-06	5.02E-07	-5.2	5.161879	-1.12E-01	3077835	3077958	NC_000001.10
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cg10080004	3.24E-06	5.02E-07	-5.2	5.1616238	-4.64E-02	55691827	55691950	NC_000019.9
cg17618808	3.24E-06	5.03E-07	-5.2	5.1609136	-1.02E-01	135118810	135118933	NC_000010.10
cg24091995	3.24E-06	5.03E-07	-5.2	5.1605133	-5.42E-02	30948636	30948759	NC_000012.11
cg09523228	3.24E-06	5.03E-07	-5.2	5.1603622	-4.90E-02	11643582	11643705	NC_000011.9
cg10144598	3.25E-06	5.03E-07	-5.2	5.1601429	-5.33E-02	203619607	203619730	NC_000001.10
cg10621374	3.25E-06	5.04E-07	-5.2	5.1591925	-1.01E-01	36505899	36506022	NC_000019.9

cg24207616	3.25E-06	5.04E-07	-5.2	5.1590461	-6.48E-02	44718623	44718746	NC_000007.13
cg17868840	3.25E-06	5.04E-07	-5.2	5.1589137	-4.45E-02	224133090	224133213	NC_000001.10
cg25307332	3.25E-06	5.04E-07	-5.2	5.158576	-1.06E-01	38578802	38578925	NC_000008.10
cg25929589	3.25E-06	5.04E-07	-5.2	5.1582576	-7.94E-02	24238867	24238990	NC_000002.11
cg05296818	3.25E-06	5.04E-07	-5.2	5.1577809	-8.77E-02	61117162	61117285	NC_000014.8
cg00636072	3.26E-06	5.05E-07	-5.2	5.15681	-5.28E-02	56410382	56410505	NC_000002.11
cg00678236	3.26E-06	5.05E-07	-5.2	5.156381	-7.19E-02	46785423	46785546	NC_000013.10
cg03847279	3.26E-06	5.05E-07	-5.2	5.1562659	-3.48E-02	1004213	1004336	NC_000004.11
cg00927294	3.26E-06	5.05E-07	-5.2	5.1560296	-2.57E-02	122526408	122526531	NC_000007.13
cg01883408	3.26E-06	5.05E-07	-5.2	5.1558343	-6.39E-02	132083691	132083814	NC_000005.9
cg01465596	3.26E-06	5.06E-07	-5.2	5.1554389	-8.19E-02	42381916	42382039	NC_000001.10
cg18085660	3.26E-06	5.06E-07	-5.2	5.1554105	-8.29E-02	1202898	1203021	NC_000004.11
cg01935722	3.26E-06	5.06E-07	-5.2	5.1549508	-5.67E-02	45683155	45683278	NC_000019.9
cg01712686	3.26E-06	5.06E-07	-5.2	5.1548929	-6.25E-02	235814419	235814542	NC_000001.10
cg14480789	3.26E-06	5.06E-07	-5.2	5.1539016	-5.66E-02	42642589	42642712	NC_000003.11
cg09480446	3.27E-06	5.07E-07	-5.2	5.1535072	-1.16E-01	107640935	107641058	NC_000007.13
cg26501154	3.27E-06	5.07E-07	-5.2	5.1532925	-1.17E-01	113966694	113966817	NC_000006.11
cg14078100	3.27E-06	5.07E-07	-5.2	5.1532924	-1.12E-01	29303808	29303931	NC_000011.9
cg09250146	3.27E-06	5.07E-07	-5.2	5.1532816	-9.57E-02	109791946	109792069	NC_000001.10
cg15456476	3.27E-06	5.07E-07	-5.2	5.1532151	-5.72E-02	85146180	85146303	NC_000016.9
cg11600807	3.27E-06	5.07E-07	-5.2	5.1531334	-6.39E-02	17373180	17373303	NC_000011.9
cg26672098	3.27E-06	5.07E-07	-5.2	5.1530024	-7.49E-02	42326070	42326193	NC_000002.11
cg12788855	3.27E-06	5.08E-07	-5.2	5.1514525	-2.45E-02	29977253	29977376	NC_000022.10
cg24152080	3.27E-06	5.08E-07	-5.2	5.1513226	-7.32E-02	53491206	53491329	NC_000001.10
cg25206562	3.27E-06	5.08E-07	-5.2	5.1512982	-1.17E-01	152593044	152593167	NC_000006.11

cg00012199	3.27E-06	5.08E-07	-5.2	5.151256	-1.30E-02	21151024	21151147	NC_000014.8
cg21583440	3.27E-06	5.08E-07	-5.2	5.1510721	-1.07E-01	75186707	75186830	NC_000011.9
cg13717446	3.27E-06	5.08E-07	-5.2	5.150984	-8.09E-02	62777761	62777884	NC_000017.10
cg07087156	3.28E-06	5.08E-07	-5.2	5.1503291	-1.94E-02	228190257	228190380	NC_000002.11
cg03573187	3.28E-06	5.09E-07	-5.2	5.1499621	-2.29E-02	62439866	62439989	NC_000011.9
cg25202141	3.28E-06	5.09E-07	-5.2	5.1497695	-7.90E-02	113735404	113735527	NC_000002.11
cg03468023	3.28E-06	5.09E-07	-5.2	5.1482853	-4.71E-02	42419163	42419286	NC_000006.11
cg04053969	3.28E-06	5.09E-07	-5.2	5.1481955	-1.68E-02	4067284	4067407	NC_000019.9
cg26405835	3.28E-06	5.10E-07	-5.2	5.1474643	-9.08E-02	36095538	36095661	NC_000021.8
cg04027328	3.28E-06	5.10E-07	-5.2	5.1474135	-7.91E-02	11372138	11372261	NC_000001.10
cg16811650	3.29E-06	5.10E-07	-5.2	5.1472845	-5.47E-02	22364357	22364480	NC_000006.11
cg26498574	3.29E-06	5.10E-07	-5.2	5.147264	-7.15E-02	88425627	88425750	NC_000010.10
cg10600534	3.29E-06	5.10E-07	-5.2	5.1468683	-7.72E-02	60971920	60972043	NC_000015.9
cg07115519	3.29E-06	5.11E-07	-5.2	5.1459344	-6.28E-02	75904184	75904307	NC_000011.9
cg21645826	3.29E-06	5.11E-07	-5.2	5.1456584	-3.52E-02	19313533	19313656	NC_000019.9
cg03005055	3.29E-06	5.11E-07	-5.2	5.1452397	-1.33E-02	65006951	65007074	NC_000014.8
cg02034222	3.29E-06	5.11E-07	-5.2	5.1445148	-1.39E-01	74753281	74753404	NC_000002.11
cg02722637	3.30E-06	5.12E-07	-5.2	5.1438124	-1.22E-01	4922070	4922193	NC_000012.11
cg18855621	3.30E-06	5.12E-07	-5.2	5.1436218	-1.02E-01	38404322	38404445	NC_000005.9
cg07187103	3.30E-06	5.12E-07	-5.2	5.143182	-1.35E-02	18415850	18415973	NC_000011.9
cg03220945	3.30E-06	5.13E-07	-5.2	5.1422329	-6.70E-02	205537877	205538000	NC_000001.10
cg12233463	3.30E-06	5.13E-07	-5.19	5.1420204	-7.45E-02	81679567	81679690	NC_000015.9
cg13104185	3.30E-06	5.13E-07	-5.19	5.1418307	-1.24E-01	8509372	8509495	NC_000001.10
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cg00778807	3.30E-06	5.13E-07	-5.19	5.1413927	-1.53E-01	43524347	43524470	NC_000001.10

cg13849422	3.30E-06	5.13E-07	-5.19	5.1411326	-1.41E-02	37554927	37555050	NC_000020.10
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cg12386061	3.31E-06	5.14E-07	-5.19	5.1405296	-7.79E-02	37906586	37906709	NC_000003.11
cg18419175	3.31E-06	5.14E-07	-5.19	5.1405099	-9.47E-02	6199980	6200103	NC_000007.13
cg24168641	3.31E-06	5.14E-07	-5.19	5.1400155	-2.66E-02	74219645	74219768	NC_000015.9
cg00072369	3.31E-06	5.14E-07	-5.19	5.1399841	-6.29E-03	52405845	52405968	NC_000005.9
cg23902076	3.31E-06	5.14E-07	-5.19	5.1397451	-1.04E-01	9428726	9428849	NC_000002.11
cg08467595	3.31E-06	5.14E-07	-5.19	5.1389429	-3.00E-02	13009117	13009240	NC_000003.11
cg07756434	3.31E-06	5.14E-07	-5.19	5.1388964	-1.00E-01	179372454	179372577	NC_000003.11
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cg23755074	3.31E-06	5.15E-07	-5.19	5.1379388	-1.13E-01	108423325	108423448	NC_000011.9
cg05562828	3.31E-06	5.15E-07	-5.19	5.1378968	-7.90E-02	3906858	3906981	NC_000017.10
cg20283670	3.32E-06	5.15E-07	-5.19	5.1367784	-1.13E-01	116162728	116162851	NC_000010.10
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cg10247798	3.32E-06	5.16E-07	-5.19	5.1362994	-2.66E-02	52008826	52008949	NC_000003.11
cg09400332	3.32E-06	5.16E-07	-5.19	5.1358134	-2.80E-02	777898	778021	NC_000011.9
cg13372766	3.32E-06	5.17E-07	-5.19	5.1348792	-1.32E-01	228464049	228464172	NC_000001.10
cg14913181	3.33E-06	5.17E-07	-5.19	5.1341352	-1.31E-02	6845123	6845246	NC_000001.10
cg13092355	3.33E-06	5.17E-07	-5.19	5.1336897	-2.46E-02	39992602	39992725	NC_000017.10
cg21567649	3.33E-06	5.17E-07	-5.19	5.1334703	-8.16E-02	43245642	43245765	NC_000002.11
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cg00083790	3.33E-06	5.18E-07	-5.19	5.1329664	-8.19E-02	132944010	132944133	NC_000012.11
cg03494429	3.33E-06	5.18E-07	-5.19	5.132717	-1.06E-01	4417093	4417216	NC_000012.11
cg17414718	3.33E-06	5.18E-07	-5.19	5.1325683	-1.17E-01	1444836	1444959	NC_000011.9
cg26019258	3.33E-06	5.18E-07	-5.19	5.1316128	-2.69E-02	108880989	108881112	NC_000006.11

cg05086021	3.34E-06	5.18E-07	-5.19	5.1313799	-5.24E-02	28829253	28829376	NC_000006.11
cg14774160	3.34E-06	5.19E-07	-5.19	5.1307449	-4.05E-02	4901081	4901204	NC_000017.10
cg26407100	3.34E-06	5.19E-07	-5.19	5.1299202	-2.78E-02	11726043	11726166	NC_000008.10
cg23153707	3.34E-06	5.19E-07	-5.19	5.1296784	-4.61E-02	7121040	7121163	NC_000017.10
cg21144009	3.34E-06	5.20E-07	-5.19	5.1288407	-1.17E-01	208281523	208281646	NC_000001.10
cg02803037	3.34E-06	5.20E-07	-5.19	5.1288179	-7.12E-02	56702158	56702281	NC_000016.9
cg23875391	3.35E-06	5.20E-07	-5.19	5.1282176	-7.69E-02	72120615	72120738	NC_000018.9
cg24464502	3.35E-06	5.20E-07	-5.19	5.1277595	-6.72E-02	60441952	60442075	NC_000020.10
cg15067376	3.35E-06	5.20E-07	-5.19	5.1277317	-2.94E-02	139257843	139257966	NC_000009.11
cg03422749	3.35E-06	5.20E-07	-5.19	5.1274563	-6.34E-02	185677549	185677672	NC_000004.11
ch.2.165639268R	3.35E-06	5.20E-07	-5.19	5.1274223	-2.26E-02	165931022	165931145	NC_000002.11
cg17740632	3.35E-06	5.21E-07	-5.19	5.1270816	-3.47E-02	58892104	58892227	NC_000019.9
cg01386883	3.35E-06	5.21E-07	-5.19	5.1270306	-1.83E-02	53529144	53529267	NC_000003.11
cg05115375	3.35E-06	5.21E-07	-5.19	5.1264087	-8.21E-02	33360485	33360608	NC_000015.9
cg24618244	3.35E-06	5.21E-07	-5.19	5.1262782	-3.14E-02	121485763	121485886	NC_000010.10
cg25712005	3.35E-06	5.22E-07	-5.19	5.125317	-8.86E-02	73443113	73443236	NC_000007.13
cg21618784	3.35E-06	5.22E-07	-5.19	5.1252668	-2.96E-02	27863205	27863328	NC_000003.11
cg00842095	3.36E-06	5.22E-07	-5.19	5.1250339	-8.68E-02	70116951	70117074	NC_000014.8
cg06421614	3.36E-06	5.22E-07	-5.19	5.1241922	-8.09E-02	7121116	7121239	NC_000017.10
cg25983317	3.36E-06	5.22E-07	-5.19	5.124138	-2.88E-02	32340208	32340331	NC_000022.10
cg09866366	3.36E-06	5.22E-07	-5.19	5.1237528	-1.09E-01	183903315	183903438	NC_000003.11
cg14450238	3.36E-06	5.22E-07	-5.19	5.1237479	-1.96E-02	219262134	219262257	NC_000002.11
cg18594724	3.36E-06	5.23E-07	-5.19	5.1233754	-8.11E-02	53442973	53443096	NC_000010.10
cg01228271	3.36E-06	5.23E-07	-5.19	5.1232121	-1.22E-01	142663294	142663417	NC_000003.11
cg18612126	3.36E-06	5.23E-07	-5.19	5.1232016	-6.03E-02	2273779	2273902	NC_000019.9



cg23172545	3.36E-06	5.23E-07	-5.19	5.1231444	-7.86E-02	2875602	2875725	NC_000006.11
cg04033732	3.36E-06	5.23E-07	-5.19	5.122897	-8.10E-02	67707096	67707219	NC_000016.9
cg27656754	3.36E-06	5.23E-07	-5.19	5.1224628	-1.12E-01	137366492	137366615	NC_000006.11
cg01919701	3.37E-06	5.23E-07	-5.19	5.1220258	-6.67E-02	112996346	112996469	NC_000013.10
cg25060339	3.37E-06	5.24E-07	-5.19	5.1217963	-8.84E-02	104586593	104586716	NC_000014.8
cg14104172	3.37E-06	5.24E-07	-5.19	5.1215337	-1.99E-02	79074807	79074930	NC_000009.11
cg06089988	3.37E-06	5.24E-07	-5.19	5.1213426	-2.29E-02	153748485	153748608	NC_000001.10
cg27628552	3.37E-06	5.24E-07	-5.19	5.1210103	-2.37E-02	37064504	37064627	NC_000020.10
cg25470758	3.37E-06	5.24E-07	-5.19	5.1207044	-9.44E-02	31280143	31280266	NC_000001.10
cg12616487	3.37E-06	5.24E-07	-5.19	5.1203658	-8.10E-02	62379063	62379186	NC_000011.9
cg25291404	3.37E-06	5.25E-07	-5.19	5.1192267	-9.86E-02	30252580	30252703	NC_000020.10
cg26720404	3.38E-06	5.25E-07	-5.19	5.1185368	-4.59E-02	143584869	143584992	NC_000005.9
cg21592463	3.38E-06	5.26E-07	-5.19	5.1180898	-8.58E-02	85756447	85756570	NC_000005.9
cg24785067	3.38E-06	5.26E-07	-5.19	5.1179431	-3.86E-02	19929052	19929175	NC_000018.9
cg05159438	3.38E-06	5.26E-07	-5.19	5.1177141	-6.59E-02	69515681	69515804	NC_000011.9
cg09712464	3.38E-06	5.26E-07	-5.19	5.1167095	-1.12E-01	2627328	2627451	NC_000017.10
cg05626927	3.38E-06	5.26E-07	-5.19	5.116531	-1.16E-01	14362239	14362362	NC_000004.11
cg20010873	3.38E-06	5.26E-07	-5.19	5.1163291	-2.94E-02	37376864	37376987	NC_000020.10
cg10772185	3.39E-06	5.27E-07	-5.19	5.1154266	-1.07E-01	34320548	34320671	NC_000010.10
cg16152136	3.39E-06	5.27E-07	-5.19	5.1149685	-1.17E-01	102015912	102016035	NC_000008.10
cg20916262	3.39E-06	5.27E-07	-5.19	5.1147452	-4.60E-02	44545539	44545662	NC_000013.10
cg13751113	3.39E-06	5.27E-07	-5.19	5.1146436	-1.20E-01	118085214	118085337	NC_000011.9
cg18645316	3.39E-06	5.27E-07	-5.19	5.1146104	-8.12E-02	73381995	73382118	NC_000010.10
cg03376719	3.39E-06	5.28E-07	-5.19	5.1141882	-2.73E-02	105086940	105087063	NC_000003.11
cg14530445	3.39E-06	5.28E-07	-5.19	5.1141667	-2.17E-02	145507324	145507447	NC_000001.10

cg01975858	3.39E-06	5.28E-07	-5.19	5.113188	-6.38E-02	15907517	15907640	NC_000012.11
cg24084606	3.39E-06	5.28E-07	-5.19	5.1129976	-8.99E-02	45430113	45430236	NC_000019.9
cg20979737	3.40E-06	5.29E-07	-5.19	5.1124278	-1.03E-01	244964768	244964891	NC_000001.10
cg14254396	3.40E-06	5.29E-07	-5.19	5.1116523	-1.17E-01	5294252	5294375	NC_000019.9
cg00099441	3.40E-06	5.29E-07	-5.19	5.1110157	-2.18E-02	11264766	11264889	NC_000002.11
cg10692693	3.40E-06	5.29E-07	-5.19	5.1108966	-1.38E-01	101688648	101688771	NC_000007.13
ch.4.2595101F	3.40E-06	5.30E-07	-5.19	5.1106393	-1.39E-02	2625303	2625426	NC_000004.11
cg17959943	3.40E-06	5.30E-07	-5.19	5.1103716	-2.31E-02	135194977	135195100	NC_000007.13
cg17280299	3.41E-06	5.30E-07	-5.19	5.109625	-7.36E-02	132082690	132082813	NC_000005.9
cg12168066	3.41E-06	5.30E-07	-5.19	5.1091253	-8.01E-02	53464814	53464937	NC_000014.8
cg17382841	3.41E-06	5.31E-07	-5.19	5.1083241	-9.00E-02	38445614	38445737	NC_000005.9
cg22396691	3.41E-06	5.31E-07	-5.19	5.1080073	-1.20E-02	15106968	15107091	NC_000003.11
cg18808692	3.41E-06	5.31E-07	-5.19	5.1079454	-8.40E-02	177399722	177399845	NC_000005.9
cg17940190	3.41E-06	5.31E-07	-5.19	5.1075715	-2.52E-02	49547700	49547823	NC_000020.10
cg11539351	3.42E-06	5.32E-07	-5.19	5.1067079	-9.77E-02	65925	66048	NC_000002.11
cg17579753	3.42E-06	5.32E-07	-5.19	5.1066534	-1.06E-01	34079998	34080121	NC_000017.10
cg13339454	3.42E-06	5.32E-07	-5.19	5.1065971	-9.29E-02	242127690	242127813	NC_000002.11
cg10016175	3.42E-06	5.32E-07	-5.19	5.106109	-7.32E-02	88747919	88748042	NC_000016.9
cg07966717	3.42E-06	5.32E-07	-5.19	5.1056901	-1.13E-02	156675485	156675608	NC_000001.10
cg26503644	3.42E-06	5.32E-07	-5.19	5.1055568	-2.58E-02	25673513	25673636	NC_000017.10
cg13649658	3.42E-06	5.33E-07	-5.19	5.1047883	-9.94E-02	140680393	140680516	NC_000009.11
cg21041181	3.43E-06	5.33E-07	-5.19	5.1036744	-3.11E-02	42721947	42722070	NC_000002.11
cg07457252	3.43E-06	5.34E-07	-5.19	5.1032842	-8.64E-02	172044302	172044425	NC_000005.9
cg05386977	3.43E-06	5.34E-07	-5.19	5.1026712	-5.93E-02	4300182	4300305	NC_000007.13
cg14072126	3.43E-06	5.34E-07	-5.19	5.1022135	-4.60E-02	48132074	48132197	NC_000002.11

cg05149537	3.43E-06	5.34E-07	-5.19	5.1021469	-4.85E-02	45709699	45709822	NC_000022.10
cg00321614	3.43E-06	5.34E-07	-5.19	5.1021053	-8.92E-02	172856932	172857055	NC_000005.9
cg26973714	3.43E-06	5.34E-07	-5.19	5.1017638	-3.55E-02	104609524	104609647	NC_000012.11
cg23109721	3.44E-06	5.35E-07	-5.19	5.1003302	-5.73E-02	106886537	106886660	NC_000002.11
cg14529474	3.44E-06	5.35E-07	-5.19	5.0999574	-4.54E-02	82269526	82269649	NC_000001.10
cg01923523	3.44E-06	5.36E-07	-5.19	5.099597	-2.63E-02	3712654	3712777	NC_000001.10
cg19733833	3.44E-06	5.36E-07	-5.19	5.0993976	-2.49E-02	79791331	79791454	NC_000017.10
cg25633067	3.44E-06	5.36E-07	-5.19	5.0992917	-9.20E-02	68037299	68037422	NC_000011.9
cg06914509	3.44E-06	5.36E-07	-5.19	5.0991742	-4.33E-02	3626080	3626203	NC_000019.9
cg20253442	3.44E-06	5.37E-07	-5.19	5.0979743	-9.38E-02	93152750	93152873	NC_000015.9
cg19097880	3.44E-06	5.37E-07	-5.19	5.0977421	-1.14E-01	128160637	128160760	NC_000011.9
cg04368843	3.45E-06	5.37E-07	-5.19	5.0975799	-8.65E-02	3660815	3660938	NC_000020.10
cg09337254	3.45E-06	5.37E-07	-5.19	5.0973694	-7.53E-02	85640762	85640885	NC_000002.11
cg05925497	3.45E-06	5.37E-07	-5.19	5.0973684	-1.26E-01	100734094	100734217	NC_000011.9
cg17687962	3.45E-06	5.38E-07	-5.18	5.095911	-7.49E-02	51358244	51358367	NC_000019.9
cg08081156	3.45E-06	5.38E-07	-5.18	5.094748	-5.15E-02	101661976	101662099	NC_000008.10
cg12107018	3.45E-06	5.38E-07	-5.18	5.0946025	-1.27E-01	155276169	155276292	NC_000007.13
cg07740599	3.46E-06	5.38E-07	-5.18	5.0945078	-1.17E-01	524857	524980	NC_000016.9
cg23522508	3.46E-06	5.39E-07	-5.18	5.0939164	-3.19E-02	11287505	11287628	NC_000019.9
cg23476065	3.46E-06	5.39E-07	-5.18	5.093841	-8.58E-02	151106043	151106166	NC_000007.13
cg05260877	3.46E-06	5.39E-07	-5.18	5.0935326	-8.38E-02	102068599	102068722	NC_000011.9
cg13694664	3.46E-06	5.39E-07	-5.18	5.0934863	-7.83E-02	117039406	117039529	NC_000009.11
cg03209684	3.46E-06	5.39E-07	-5.18	5.0934555	-9.55E-02	70473648	70473771	NC_000016.9
cg00036110	3.46E-06	5.39E-07	-5.18	5.0932876	-1.16E-01	40146660	40146783	NC_000001.10
cg17911021	3.46E-06	5.39E-07	-5.18	5.0929061	-4.22E-02	45493416	45493539	NC_000015.9

cg09740468	3.46E-06	5.39E-07	-5.18	5.0927008	-9.03E-02	3025325	3025448	NC_000006.11
cg26872482	3.46E-06	5.40E-07	-5.18	5.0926742	-1.13E-01	32051108	32051231	NC_000006.11
cg05361489	3.46E-06	5.40E-07	-5.18	5.0921982	-5.95E-02	86610434	86610557	NC_000016.9
cg23183469	3.46E-06	5.40E-07	-5.18	5.0916548	-2.46E-02	1686288	1686411	NC_000004.11
cg18155853	3.47E-06	5.40E-07	-5.18	5.0912357	-1.41E-01	169540504	169540627	NC_000003.11
cg18492804	3.47E-06	5.41E-07	-5.18	5.0905762	-4.49E-02	54976994	54977117	NC_000014.8
cg05479166	3.47E-06	5.41E-07	-5.18	5.0897934	-8.66E-02	79609346	79609469	NC_000017.10
cg16779839	3.47E-06	5.41E-07	-5.18	5.0896744	-1.48E-01	79374327	79374450	NC_000017.10
cg16936421	3.47E-06	5.41E-07	-5.18	5.0894342	-1.50E-01	729226	729349	NC_000010.10
cg26711333	3.47E-06	5.41E-07	-5.18	5.0893753	-1.18E-01	8821019	8821142	NC_000008.10
cg19769982	3.47E-06	5.41E-07	-5.18	5.0892414	-8.96E-02	26934197	26934320	NC_000021.8
cg06722353	3.47E-06	5.41E-07	-5.18	5.0891228	-5.09E-02	99236244	99236367	NC_000007.13
cg09120320	3.47E-06	5.42E-07	-5.18	5.0884949	-6.15E-02	61926383	61926506	NC_000017.10
cg07041323	3.47E-06	5.42E-07	-5.18	5.0884209	-1.11E-01	28996044	28996167	NC_000016.9
cg14316629	3.48E-06	5.42E-07	-5.18	5.0882733	-1.17E-01	168436353	168436476	NC_000006.11
cg16029760	3.48E-06	5.43E-07	-5.18	5.0871914	-3.72E-02	65341902	65342025	NC_000015.9
cg05304531	3.48E-06	5.43E-07	-5.18	5.0869777	-9.74E-02	26797576	26797699	NC_000001.10
cg18896967	3.48E-06	5.43E-07	-5.18	5.0868279	-7.47E-02	129685428	129685551	NC_000011.9
cg07416975	3.48E-06	5.43E-07	-5.18	5.0868112	-1.59E-02	699435	699558	NC_000004.11
cg16610804	3.48E-06	5.43E-07	-5.18	5.086744	-7.08E-02	43685563	43685686	NC_000012.11
cg25209017	3.48E-06	5.43E-07	-5.18	5.08638	-5.78E-02	105170241	105170364	NC_000007.13
cg05509787	3.48E-06	5.43E-07	-5.18	5.0860222	-2.74E-02	220042852	220042975	NC_000002.11
cg09299924	3.48E-06	5.43E-07	-5.18	5.085743	-9.41E-02	73647575	73647698	NC_000013.10
cg05910443	3.48E-06	5.44E-07	-5.18	5.0854039	-1.31E-01	101688675	101688798	NC_000007.13
cg00770316	3.49E-06	5.44E-07	-5.18	5.0841338	-8.52E-02	146509846	146509969	NC_000002.11

cg13573513	3.49E-06	5.44E-07	-5.18	5.0840166	-6.24E-02	14996143	14996266	NC_000012.11
cg17077288	3.49E-06	5.45E-07	-5.18	5.0826015	-8.77E-02	2516516	2516639	NC_000001.10
cg11143674	3.49E-06	5.45E-07	-5.18	5.0825655	-1.15E-01	99069100	99069223	NC_000015.9
cg17616547	3.50E-06	5.46E-07	-5.18	5.0818856	-7.18E-02	26688923	26689046	NC_000006.11
cg05604486	3.50E-06	5.46E-07	-5.18	5.0818725	-1.46E-01	38173002	38173125	NC_000013.10
cg01716296	3.50E-06	5.46E-07	-5.18	5.0815651	-7.06E-02	151133530	151133653	NC_000004.11
cg27484582	3.50E-06	5.46E-07	-5.18	5.0813429	-9.87E-02	2518723	2518846	NC_000007.13
cg23261491	3.50E-06	5.46E-07	-5.18	5.0811676	-1.00E-02	76953750	76953873	NC_000012.11
cg11287443	3.50E-06	5.46E-07	-5.18	5.0811661	-6.79E-02	19220710	19220833	NC_000019.9
cg19515518	3.50E-06	5.46E-07	-5.18	5.0810255	-2.27E-02	694717	694840	NC_000011.9
cg01052699	3.50E-06	5.47E-07	-5.18	5.0797149	-8.80E-02	171030995	171031118	NC_000004.11
cg02203380	3.51E-06	5.47E-07	-5.18	5.0791438	-7.90E-02	30173809	30173932	NC_000007.13
ch.4.165600943F	3.51E-06	5.47E-07	-5.18	5.0788292	-2.44E-02	165381493	165381616	NC_000004.11
cg06937617	3.51E-06	5.47E-07	-5.18	5.0787509	-9.41E-02	134043362	134043485	NC_000010.10
cg24340898	3.51E-06	5.47E-07	-5.18	5.0786756	-9.52E-02	67782729	67782852	NC_000008.10
cg13729887	3.51E-06	5.48E-07	-5.18	5.0783957	-1.60E-02	48808906	48809029	NC_000020.10
cg24346776	3.51E-06	5.48E-07	-5.18	5.0780985	-1.18E-01	147737024	147737147	NC_000001.10
cg04718447	3.51E-06	5.48E-07	-5.18	5.0779812	-7.47E-02	85518989	85519112	NC_000016.9
cg20630887	3.51E-06	5.49E-07	-5.18	5.0765776	-9.27E-02	6417823	6417946	NC_000001.10
cg20108855	3.52E-06	5.49E-07	-5.18	5.0759596	-1.26E-01	2477278	2477401	NC_000007.13
cg25375186	3.52E-06	5.49E-07	-5.18	5.0755127	-9.27E-02	40149381	40149504	NC_000001.10
cg14067770	3.52E-06	5.49E-07	-5.18	5.0751156	-1.05E-01	615950	616073	NC_000011.9
cg19508957	3.52E-06	5.49E-07	-5.18	5.0750495	-1.68E-02	32908905	32909028	NC_000012.11
cg20136100	3.52E-06	5.50E-07	-5.18	5.0745087	-1.46E-01	63974860	63974983	NC_000011.9
cg24703339	3.53E-06	5.51E-07	-5.18	5.0730003	-9.12E-02	12600744	12600867	NC_000001.10

cg16548911	3.53E-06	5.51E-07	-5.18	5.072182	-1.07E-01	50347766	50347889	NC_000016.9
cg04025431	3.53E-06	5.52E-07	-5.18	5.0713535	-7.06E-02	29093354	29093477	NC_000008.10
cg21189438	3.53E-06	5.52E-07	-5.18	5.0711426	-1.58E-01	38622559	38622682	NC_000009.11
cg20538707	3.53E-06	5.52E-07	-5.18	5.0708214	-6.84E-02	10707450	10707573	NC_000017.10
cg16565154	3.54E-06	5.52E-07	-5.18	5.070522	-1.37E-01	151129062	151129185	NC_000001.10
cg10630197	3.54E-06	5.52E-07	-5.18	5.0703231	-5.40E-02	201391350	201391473	NC_000002.11
cg18010617	3.54E-06	5.52E-07	-5.18	5.0697015	-1.18E-02	27632687	27632810	NC_000002.11
cg17129554	3.54E-06	5.53E-07	-5.18	5.0686079	-1.12E-01	76993272	76993395	NC_000017.10
cg22996129	3.54E-06	5.54E-07	-5.18	5.0678886	-2.09E-02	43226092	43226215	NC_000017.10
cg15153394	3.54E-06	5.54E-07	-5.18	5.067852	-7.73E-02	51504823	51504946	NC_000019.9
cg08466881	3.54E-06	5.54E-07	-5.18	5.0677626	-7.52E-03	49230871	49230994	NC_000017.10
cg12436738	3.55E-06	5.54E-07	-5.18	5.0675091	-1.52E-01	236579780	236579903	NC_000002.11
cg01530803	3.55E-06	5.54E-07	-5.18	5.0674041	-9.78E-02	30877800	30877923	NC_000022.10
cg07127957	3.55E-06	5.54E-07	-5.18	5.0667955	-5.30E-02	75411571	75411694	NC_000010.10
cg12070987	3.55E-06	5.54E-07	-5.18	5.0667386	-7.61E-02	67804055	67804178	NC_000011.9
cg26744859	3.55E-06	5.54E-07	-5.18	5.0666214	-2.64E-02	72396091	72396214	NC_000007.13
cg18048071	3.55E-06	5.54E-07	-5.18	5.0664286	-1.16E-01	158830035	158830158	NC_000007.13
cg07742989	3.55E-06	5.54E-07	-5.18	5.0664258	-2.78E-02	76311636	76311759	NC_000006.11
cg16207673	3.55E-06	5.55E-07	-5.18	5.0656116	-9.88E-02	108167730	108167853	NC_000012.11
cg18758405	3.55E-06	5.55E-07	-5.18	5.0652265	-8.87E-02	107451306	107451429	NC_000010.10
cg08855630	3.56E-06	5.56E-07	-5.18	5.0632217	-1.17E-01	68978377	68978500	NC_000003.11
cg01320780	3.56E-06	5.56E-07	-5.18	5.0630943	-3.30E-02	22298453	22298576	NC_000008.10
cg09843331	3.56E-06	5.56E-07	-5.18	5.0626663	-3.65E-02	169931117	169931240	NC_000004.11
ch.1.173201084F	3.56E-06	5.57E-07	-5.18	5.0626154	-1.00E-02	174934461	174934584	NC_000001.10
cg13731106	3.56E-06	5.57E-07	-5.18	5.0624281	-5.55E-02	41936495	41936618	NC_000009.11

cg26687567	3.56E-06	5.57E-07	-5.18	5.0617559	-1.75E-02	186501284	186501407	NC_000003.11
cg10194295	3.57E-06	5.57E-07	-5.18	5.0610497	-9.92E-02	39216457	39216580	NC_000017.10
cg27662539	3.57E-06	5.58E-07	-5.18	5.0605601	-7.15E-02	149532221	149532344	NC_000007.13
cg23616524	3.57E-06	5.58E-07	-5.18	5.0602832	-7.11E-02	129466143	129466266	NC_000007.13
cg01059398	3.57E-06	5.58E-07	-5.18	5.0600495	-9.79E-02	172235808	172235931	NC_000003.11
cg17518286	3.57E-06	5.58E-07	-5.18	5.0596602	-7.33E-02	52546043	52546166	NC_000015.9
cg06913287	3.57E-06	5.58E-07	-5.18	5.0596367	-3.72E-02	18742029	18742152	NC_000002.11
cg03164309	3.57E-06	5.58E-07	-5.18	5.0596022	-6.97E-02	5336093	5336216	NC_000007.13
cg25164226	3.57E-06	5.58E-07	-5.18	5.0595688	-2.65E-02	47158357	47158480	NC_000022.10
cg23068665	3.57E-06	5.58E-07	-5.18	5.0594293	-2.87E-02	125475016	125475139	NC_000006.11
cg22012577	3.57E-06	5.59E-07	-5.18	5.0588101	-6.86E-02	29972884	29973007	NC_000006.11
cg22876908	3.58E-06	5.59E-07	-5.18	5.0574984	-5.67E-02	56325149	56325272	NC_000012.11
cg04018474	3.58E-06	5.60E-07	-5.18	5.0563984	-6.07E-02	31008003	31008126	NC_000016.9
cg09792696	3.59E-06	5.60E-07	-5.18	5.0557809	-7.85E-02	27633479	27633602	NC_000001.10
cg00481227	3.59E-06	5.61E-07	-5.18	5.0557097	-6.25E-02	36322069	36322192	NC_000020.10
cg09549015	3.59E-06	5.61E-07	-5.18	5.055696	-1.76E-02	95008041	95008164	NC_000001.10
cg23700278	3.59E-06	5.61E-07	-5.18	5.0551018	-8.54E-02	3746874	3746997	NC_000004.11
cg04753163	3.59E-06	5.61E-07	-5.18	5.0550079	-1.13E-01	42249488	42249611	NC_000006.11
cg23924647	3.59E-06	5.61E-07	-5.18	5.0549827	-1.50E-01	122227872	122227995	NC_000012.11
cg03940064	3.59E-06	5.61E-07	-5.18	5.0544686	-3.25E-02	52917389	52917512	NC_000004.11
cg17468267	3.59E-06	5.62E-07	-5.18	5.0538758	-1.06E-01	50161123	50161246	NC_000022.10
cg03924551	3.59E-06	5.62E-07	-5.18	5.0534081	-1.21E-01	25930203	25930326	NC_000015.9
cg01225788	3.59E-06	5.62E-07	-5.18	5.0532528	-7.33E-02	70404514	70404637	NC_000008.10
cg26024880	3.61E-06	5.64E-07	-5.17	5.0497272	-6.11E-02	24514417	24514540	NC_000001.10
cg17861791	3.61E-06	5.64E-07	-5.17	5.049546	-3.09E-02	113162073	113162196	NC_000001.10

cg07047815	3.61E-06	5.64E-07	-5.17	5.0492239	-1.04E-01	1909656	1909779	NC_000011.9
cg03176550	3.61E-06	5.64E-07	-5.17	5.049151	-9.53E-02	28996329	28996452	NC_000016.9
cg23104436	3.61E-06	5.64E-07	-5.17	5.0489689	-7.68E-02	15838747	15838870	NC_000011.9
cg25449283	3.61E-06	5.64E-07	-5.17	5.0489373	-1.07E-01	142836700	142836823	NC_000007.13
cg25335333	3.61E-06	5.64E-07	-5.17	5.0488863	-1.22E-01	104268041	104268164	NC_000003.11
cg08098964	3.61E-06	5.65E-07	-5.17	5.0486687	-4.81E-02	7680443	7680566	NC_000019.9
cg12121765	3.61E-06	5.65E-07	-5.17	5.0478193	-4.36E-02	13365657	13365780	NC_000008.10
cg23539633	3.61E-06	5.65E-07	-5.17	5.047718	-9.38E-02	116228309	116228432	NC_000011.9
cg01490283	3.61E-06	5.65E-07	-5.17	5.0476183	-1.73E-02	4066033	4066156	NC_000019.9
cg13522835	3.61E-06	5.65E-07	-5.17	5.0475067	-8.37E-03	61905166	61905289	NC_000017.10
cg01877879	3.61E-06	5.65E-07	-5.17	5.0472082	-1.88E-02	4871376	4871499	NC_000017.10
cg17082568	3.61E-06	5.65E-07	-5.17	5.0471533	-9.84E-02	42027295	42027418	NC_000017.10
cg07802362	3.62E-06	5.66E-07	-5.17	5.0465527	-5.22E-02	172313798	172313921	NC_000001.10
cg26504019	3.62E-06	5.66E-07	-5.17	5.0464334	-3.48E-02	37528663	37528786	NC_000021.8
cg20469689	3.62E-06	5.66E-07	-5.17	5.0456938	-6.82E-02	57117666	57117789	NC_000011.9
cg25309343	3.62E-06	5.67E-07	-5.17	5.0447631	-7.62E-02	51226207	51226330	NC_000019.9
cg04777644	3.63E-06	5.67E-07	-5.17	5.0440133	-5.42E-02	28752301	28752424	NC_000016.9
cg07069636	3.63E-06	5.67E-07	-5.17	5.0439889	-9.39E-02	30671749	30671872	NC_000016.9
cg08277548	3.63E-06	5.67E-07	-5.17	5.0438976	-7.15E-02	17600880	17601003	NC_000001.10
cg16046444	3.63E-06	5.68E-07	-5.17	5.0428595	-1.12E-01	200004265	200004388	NC_000001.10
cg12103951	3.63E-06	5.68E-07	-5.17	5.042543	-1.14E-01	88162314	88162437	NC_000010.10
cg14582193	3.63E-06	5.68E-07	-5.17	5.0425079	-1.48E-02	79152553	79152676	NC_000015.9
cg08677347	3.63E-06	5.68E-07	-5.17	5.0424762	-7.40E-02	19615514	19615637	NC_000008.10
cg06722639	3.63E-06	5.68E-07	-5.17	5.0424105	-1.18E-01	23624377	23624500	NC_000014.8
cg07993468	3.63E-06	5.69E-07	-5.17	5.0417381	-5.21E-02	73389632	73389755	NC_000007.13



cg09642408	3.63E-06	5.69E-07	-5.17	5.0414675	-8.96E-02	101208028	101208151	NC_000015.9
cg11204987	3.64E-06	5.70E-07	-5.17	5.0397885	-4.90E-02	49723190	49723313	NC_000001.10
cg10868030	3.64E-06	5.70E-07	-5.17	5.0393562	-7.06E-02	192650	192773	NC_000005.9
cg14656180	3.65E-06	5.71E-07	-5.17	5.0382442	-9.56E-02	137701344	137701467	NC_000009.11
cg22669872	3.65E-06	5.71E-07	-5.17	5.0381273	-2.93E-02	107009064	107009187	NC_000005.9
cg17794524	3.65E-06	5.71E-07	-5.17	5.037639	-5.81E-02	101787472	101787595	NC_000015.9
cg14706455	3.65E-06	5.71E-07	-5.17	5.0375708	-7.11E-02	124776038	124776161	NC_000003.11
cg03201337	3.65E-06	5.71E-07	-5.17	5.0373524	-9.15E-02	69609995	69610118	NC_000010.10
ch.6.2600249F	3.65E-06	5.72E-07	-5.17	5.0368254	-3.09E-02	135589814	135589937	NC_000006.11
cg16298152	3.65E-06	5.72E-07	-5.17	5.0363982	-1.84E-02	70234662	70234785	NC_000014.8
cg24446932	3.65E-06	5.72E-07	-5.17	5.0360716	-6.63E-02	46976264	46976387	NC_000010.10
cg01611777	3.65E-06	5.72E-07	-5.17	5.0360278	-1.19E-01	102359027	102359150	NC_000002.11
cg13604154	3.66E-06	5.72E-07	-5.17	5.0355336	-4.09E-02	129349764	129349887	NC_000009.11
cg09259797	3.66E-06	5.72E-07	-5.17	5.0353703	-6.76E-02	106650225	106650348	NC_000013.10
cg03115379	3.66E-06	5.73E-07	-5.17	5.0348168	-4.63E-02	28921288	28921411	NC_000006.11
cg17156767	3.66E-06	5.73E-07	-5.17	5.0344086	-3.13E-02	30364462	30364585	NC_000019.9
cg17428950	3.66E-06	5.73E-07	-5.17	5.0343523	-1.76E-02	45927554	45927677	NC_000015.9
cg10525432	3.66E-06	5.73E-07	-5.17	5.0341004	-1.02E-01	9540960	9541083	NC_000005.9
cg01447854	3.67E-06	5.74E-07	-5.17	5.0325015	-1.02E-01	228556332	228556455	NC_000001.10
cg23017002	3.67E-06	5.74E-07	-5.17	5.0324501	-1.07E-01	139976849	139976972	NC_000006.11
cg10994870	3.67E-06	5.75E-07	-5.17	5.0318293	-8.88E-02	242799553	242799676	NC_000002.11
cg06925855	3.67E-06	5.75E-07	-5.17	5.0313033	-6.98E-02	63792239	63792362	NC_000001.10
cg22821677	3.67E-06	5.75E-07	-5.17	5.0312559	-6.84E-02	21941178	21941301	NC_000015.9
cg18443210	3.67E-06	5.75E-07	-5.17	5.0312369	-3.73E-02	129809684	129809807	NC_000010.10
cg11018604	3.67E-06	5.75E-07	-5.17	5.031149	-1.30E-01	71507163	71507286	NC_000005.9

cg02320980	3.67E-06	5.75E-07	-5.17	5.0310457	-6.29E-02	118926615	118926738	NC_000010.10
cg04615865	3.67E-06	5.75E-07	-5.17	5.0309748	-1.33E-01	121678720	121678843	NC_000012.11
cg23101649	3.67E-06	5.76E-07	-5.17	5.0301406	-1.04E-01	107354601	107354724	NC_000013.10
cg17050724	3.67E-06	5.76E-07	-5.17	5.0301333	-1.85E-02	79008885	79009008	NC_000017.10
cg12897370	3.68E-06	5.76E-07	-5.17	5.0299071	-1.91E-02	155055079	155055202	NC_000006.11
cg01892727	3.68E-06	5.76E-07	-5.17	5.0296858	-6.46E-02	3221728	3221851	NC_000003.11
cg17966619	3.68E-06	5.76E-07	-5.17	5.0290038	-3.87E-02	86160162	86160285	NC_000006.11
ch.10.907315R	3.68E-06	5.76E-07	-5.17	5.0289206	-3.84E-02	35851693	35851816	NC_000010.10
cg27288971	3.68E-06	5.77E-07	-5.17	5.0284439	-5.80E-02	219081940	219082063	NC_000002.11
cg12907632	3.68E-06	5.77E-07	-5.17	5.0281302	-4.28E-02	28864748	28864871	NC_000006.11
cg14411527	3.69E-06	5.77E-07	-5.17	5.0270046	-4.97E-02	55640598	55640721	NC_000007.13
cg02269049	3.69E-06	5.77E-07	-5.17	5.0269548	-1.97E-02	104680606	104680729	NC_000012.11
cg10279487	3.69E-06	5.77E-07	-5.17	5.0268837	-1.63E-01	76355288	76355411	NC_000017.10
cg08258539	3.69E-06	5.77E-07	-5.17	5.0268002	-2.21E-02	144450491	144450614	NC_000008.10
cg16651347	3.69E-06	5.78E-07	-5.17	5.0263516	-9.41E-02	175042297	175042420	NC_000001.10
cg16470423	3.69E-06	5.78E-07	-5.17	5.0254728	-9.28E-02	178213543	178213666	NC_000005.9
cg01535630	3.69E-06	5.79E-07	-5.17	5.0246048	-4.24E-02	3689683	3689806	NC_000001.10
cg13134634	3.69E-06	5.79E-07	-5.17	5.0244725	-8.62E-02	76207486	76207609	NC_000013.10
cg24530616	3.69E-06	5.79E-07	-5.17	5.0243592	-1.23E-02	25229376	25229499	NC_000020.10
cg00563487	3.69E-06	5.79E-07	-5.17	5.0242593	-1.89E-02	39239602	39239725	NC_000022.10
cg16509045	3.70E-06	5.79E-07	-5.17	5.0240466	-9.83E-02	77502963	77503086	NC_000009.11
cg06341054	3.70E-06	5.79E-07	-5.17	5.0238707	-1.96E-02	52917543	52917666	NC_000004.11
cg00240178	3.70E-06	5.80E-07	-5.17	5.023295	-1.19E-01	74232108	74232231	NC_000006.11
cg12485727	3.70E-06	5.80E-07	-5.17	5.0226893	-1.20E-01	39762753	39762876	NC_000020.10
cg00952292	3.70E-06	5.80E-07	-5.17	5.0222314	-5.99E-02	23696496	23696619	NC_000007.13

cg26334888	3.70E-06	5.80E-07	-5.17	5.0221125	-1.12E-01	58653196	58653319	NC_000003.11
cg27101633	3.70E-06	5.80E-07	-5.17	5.0218013	-5.92E-02	48427018	48427141	NC_000008.10
cg19532742	3.70E-06	5.81E-07	-5.17	5.0214547	-8.24E-02	76859323	76859446	NC_000010.10
cg24251193	3.71E-06	5.81E-07	-5.17	5.0212295	-4.17E-02	156676542	156676665	NC_000001.10
cg25730804	3.71E-06	5.81E-07	-5.17	5.0212029	-4.51E-02	89747682	89747805	NC_000007.13
cg24291087	3.71E-06	5.81E-07	-5.17	5.021147	-6.92E-02	30722781	30722904	NC_000004.11
cg10037894	3.71E-06	5.81E-07	-5.17	5.0210843	-1.10E-01	172312301	172312424	NC_000001.10
cg16663142	3.71E-06	5.81E-07	-5.17	5.0203219	-7.54E-02	46683727	46683850	NC_000016.9
cg04493432	3.71E-06	5.82E-07	-5.17	5.0197321	-5.78E-02	8202280	8202403	NC_000004.11
cg05745142	3.71E-06	5.82E-07	-5.17	5.0194651	-1.47E-02	37687247	37687370	NC_000004.11
cg13521124	3.72E-06	5.83E-07	-5.17	5.0175588	-8.09E-02	66064082	66064205	NC_000011.9
cg18525312	3.72E-06	5.83E-07	-5.17	5.0171222	-6.26E-02	35312638	35312761	NC_000014.8
cg16905506	3.72E-06	5.84E-07	-5.17	5.0161977	-4.61E-02	155035748	155035871	NC_000001.10
cg26766373	3.73E-06	5.84E-07	-5.17	5.0153329	-7.93E-02	75063913	75064036	NC_000011.9
cg12423473	3.73E-06	5.85E-07	-5.17	5.0150612	-5.03E-02	45962135	45962258	NC_000015.9
cg04573510	3.73E-06	5.85E-07	-5.17	5.0149211	-3.23E-02	31707458	31707581	NC_000006.11
cg26536354	3.73E-06	5.85E-07	-5.17	5.0148699	-5.28E-02	144654954	144655077	NC_000008.10
cg04289880	3.73E-06	5.85E-07	-5.17	5.014776	-9.09E-02	45937406	45937529	NC_000021.8
cg05972185	3.73E-06	5.85E-07	-5.17	5.0145847	-7.71E-02	72972644	72972767	NC_000016.9
cg15950761	3.73E-06	5.85E-07	-5.17	5.0145632	-6.21E-02	90739926	90740049	NC_000010.10
cg11378484	3.73E-06	5.85E-07	-5.17	5.0140333	-3.85E-02	63848695	63848818	NC_000003.11
cg22026450	3.73E-06	5.85E-07	-5.17	5.0140252	-5.89E-02	145476687	145476810	NC_000001.10
cg01646461	3.73E-06	5.85E-07	-5.17	5.0140037	-1.13E-01	167536086	167536209	NC_000006.11
cg03850878	3.73E-06	5.85E-07	-5.17	5.0137756	-8.52E-02	77724563	77724686	NC_000004.11
cg24652679	3.73E-06	5.86E-07	-5.17	5.0132929	-2.58E-02	95302411	95302534	NC_000010.10

cg26907429	3.73E-06	5.86E-07	-5.17	5.0130188	-1.38E-02	165667743	165667866	NC_000001.10
cg11287647	3.74E-06	5.86E-07	-5.17	5.0124344	-1.29E-01	12725352	12725475	NC_000007.13
cg07608370	3.74E-06	5.86E-07	-5.17	5.0120606	-7.01E-02	1036865	1036988	NC_000011.9
cg01678833	3.74E-06	5.86E-07	-5.17	5.0119445	-6.50E-02	43547171	43547294	NC_000022.10
cg26994859	3.74E-06	5.86E-07	-5.17	5.011836	-7.06E-02	40948697	40948820	NC_000019.9
cg13306338	3.74E-06	5.87E-07	-5.17	5.0114811	-1.11E-01	4167607	4167730	NC_000007.13
cg14081226	3.74E-06	5.87E-07	-5.17	5.0112195	-4.01E-02	5563419	5563542	NC_000010.10
cg23338668	3.74E-06	5.87E-07	-5.17	5.0107735	-6.32E-02	74240259	74240382	NC_000008.10
cg01420369	3.74E-06	5.87E-07	-5.17	5.0105405	-6.86E-02	6304565	6304688	NC_000012.11
cg13951797	3.74E-06	5.88E-07	-5.17	5.0098745	-7.40E-02	2204381	2204504	NC_000016.9
cg24376214	3.75E-06	5.88E-07	-5.17	5.0095726	-1.14E-01	38918135	38918258	NC_000019.9
cg01377916	3.75E-06	5.88E-07	-5.17	5.0094017	-1.32E-02	46654868	46654991	NC_000016.9
cg04751035	3.75E-06	5.88E-07	-5.17	5.00917	-1.07E-01	79317102	79317225	NC_000017.10
cg14711997	3.75E-06	5.88E-07	-5.17	5.0088929	-1.42E-01	150652864	150652987	NC_000007.13
cg18500368	3.75E-06	5.89E-07	-5.17	5.0082878	-4.20E-02	56509603	56509726	NC_000012.11
cg22541400	3.75E-06	5.89E-07	-5.17	5.0080809	-8.82E-02	9840728	9840851	NC_000017.10
cg11660018	3.75E-06	5.89E-07	-5.17	5.0075344	-9.88E-02	86510915	86511038	NC_000011.9
cg10173831	3.75E-06	5.89E-07	-5.17	5.007393	-9.00E-02	1796058	1796181	NC_000016.9
cg22147898	3.75E-06	5.89E-07	-5.17	5.0070257	-5.56E-02	144824078	144824201	NC_000008.10
cg09977969	3.75E-06	5.89E-07	-5.17	5.0070011	-8.53E-02	1503778	1503901	NC_000019.9
cg11914812	3.76E-06	5.90E-07	-5.17	5.006728	-4.63E-02	56904792	56904915	NC_000012.11
cg15863552	3.76E-06	5.90E-07	-5.17	5.0066876	-1.34E-01	130059678	130059801	NC_000011.9
cg08525429	3.76E-06	5.90E-07	-5.17	5.0066366	-9.90E-02	1553444	1553567	NC_000007.13
cg08046411	3.76E-06	5.90E-07	-5.17	5.0058983	-7.17E-02	1979572	1979695	NC_000011.9
cg06209035	3.76E-06	5.90E-07	-5.17	5.0058693	-9.26E-02	78152169	78152292	NC_000017.10

cg12078933	3.76E-06	5.90E-07	-5.17	5.005275	-5.47E-02	12781150	12781273	NC_000019.9
cg23629183	3.76E-06	5.91E-07	-5.16	5.0048698	-4.64E-02	97691400	97691523	NC_000003.11
cg01210113	3.77E-06	5.91E-07	-5.16	5.0038924	-1.19E-01	11352835	11352958	NC_000016.9
cg20068274	3.77E-06	5.91E-07	-5.16	5.0037232	-9.31E-02	142252688	142252811	NC_000008.10
cg03932904	3.77E-06	5.92E-07	-5.16	5.0027655	-7.67E-02	4707887	4708010	NC_000007.13
ch.17.1212751R	3.77E-06	5.92E-07	-5.16	5.0022248	-1.27E-02	44111654	44111777	NC_000017.10
cg06235246	3.77E-06	5.93E-07	-5.16	5.0019215	-8.04E-02	195380764	195380887	NC_000003.11
cg07023803	3.77E-06	5.93E-07	-5.16	5.0017798	-5.83E-02	3389329	3389452	NC_000020.10
cg22300282	3.78E-06	5.93E-07	-5.16	5.0014575	-7.18E-02	72130553	72130676	NC_000006.11
cg06012483	3.78E-06	5.93E-07	-5.16	5.0013395	-1.15E-01	86388853	86388976	NC_000016.9
cg21873885	3.78E-06	5.93E-07	-5.16	5.0011779	-2.67E-02	33267214	33267337	NC_000006.11
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cg03551963	3.78E-06	5.93E-07	-5.16	5.0005335	-4.97E-02	39502320	39502443	NC_000005.9
cg08860143	3.78E-06	5.94E-07	-5.16	5.0002951	-9.17E-02	30385767	30385890	NC_000016.9
cg16045223	3.78E-06	5.94E-07	-5.16	5.0000751	-8.31E-02	1206372	1206495	NC_000001.10
cg14199187	3.78E-06	5.94E-07	-5.16	5.0000027	-9.28E-02	3667620	3667743	NC_000020.10
cg07914962	3.79E-06	5.95E-07	-5.16	4.9982685	-6.47E-02	68992377	68992500	NC_000002.11
cg07197831	3.79E-06	5.95E-07	-5.16	4.9976414	-7.96E-02	27503157	27503280	NC_000002.11
cg10722636	3.79E-06	5.95E-07	-5.16	4.9975873	-3.37E-02	41252884	41253007	NC_000022.10
cg05285917	3.79E-06	5.95E-07	-5.16	4.9974134	-3.23E-02	1073525	1073648	NC_000011.9
cg21222888	3.79E-06	5.96E-07	-5.16	4.9968957	-1.03E-01	94493055	94493178	NC_000013.10
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cg13496862	3.79E-06	5.96E-07	-5.16	4.9965373	-8.97E-02	99069041	99069164	NC_000015.9
cg03265190	3.79E-06	5.96E-07	-5.16	4.9963338	-2.02E-02	151255250	151255373	NC_000001.10
cg13822911	3.80E-06	5.96E-07	-5.16	4.995887	-1.25E-01	107029273	107029396	NC_000013.10

cg25752514	3.80E-06	5.97E-07	-5.16	4.995188	-1.10E-01	233320760	233320883	NC_000002.11
cg05460965	3.80E-06	5.97E-07	-5.16	4.9951729	-8.66E-02	36645100	36645223	NC_000006.11
cg12034869	3.80E-06	5.97E-07	-5.16	4.9950145	-9.44E-02	92555243	92555366	NC_000015.9
cg20008101	3.80E-06	5.97E-07	-5.16	4.99467	-1.16E-01	55595227	55595350	NC_000014.8
cg27127492	3.80E-06	5.97E-07	-5.16	4.9943918	-5.08E-02	96036905	96037028	NC_000008.10
cg13242944	3.80E-06	5.98E-07	-5.16	4.9931769	-1.20E-01	78524048	78524171	NC_000011.9
cg16636756	3.81E-06	5.98E-07	-5.16	4.9927316	-1.28E-01	106088755	106088878	NC_000010.10
cg23162396	3.81E-06	5.98E-07	-5.16	4.9926814	-1.60E-02	195808345	195808468	NC_000003.11
cg05346166	3.81E-06	5.99E-07	-5.16	4.99184	-1.64E-02	50779543	50779666	NC_000014.8
cg22075146	3.81E-06	5.99E-07	-5.16	4.9914157	-7.98E-02	50408111	50408234	NC_000003.11
cg15712267	3.81E-06	5.99E-07	-5.16	4.9913805	-8.26E-02	14629905	14630028	NC_000019.9
cg00545573	3.81E-06	5.99E-07	-5.16	4.9913198	-1.74E-02	118810436	118810559	NC_000012.11
cg23489038	3.81E-06	5.99E-07	-5.16	4.991309	-1.01E-01	111619190	111619313	NC_000012.11
cg15371711	3.82E-06	6.00E-07	-5.16	4.9902851	-5.60E-02	35169846	35169969	NC_000020.10
cg14047339	3.82E-06	6.00E-07	-5.16	4.9892059	-9.18E-02	45345544	45345667	NC_000006.11
cg25136310	3.82E-06	6.00E-07	-5.16	4.9890262	-5.14E-02	5690528	5690651	NC_000019.9
cg20618433	3.82E-06	6.01E-07	-5.16	4.9883492	-8.84E-02	11266919	11267042	NC_000019.9
cg26220725	3.82E-06	6.01E-07	-5.16	4.9882657	-7.00E-02	296538	296661	NC_000006.11
cg18843856	3.82E-06	6.01E-07	-5.16	4.9877074	-7.84E-02	121651050	121651173	NC_000002.11
ch.13.24413F	3.82E-06	6.01E-07	-5.16	4.9876538	-3.61E-02	20410512	20410635	NC_000013.10
cg15606819	3.83E-06	6.01E-07	-5.16	4.987401	-4.19E-02	49661083	49661206	NC_000019.9
ch.16.440507F	3.83E-06	6.02E-07	-5.16	4.9872951	-4.13E-02	11940403	11940526	NC_000016.9
cg09326079	3.83E-06	6.02E-07	-5.16	4.9864243	-9.14E-02	238107402	238107525	NC_000002.11
cg27405010	3.83E-06	6.02E-07	-5.16	4.9860996	-7.93E-02	83841105	83841228	NC_000016.9
cg15469184	3.83E-06	6.02E-07	-5.16	4.9859	-1.05E-01	337539	337662	NC_000008.10

cg17107540	3.83E-06	6.02E-07	-5.16	4.9858469	-9.70E-02	72197470	72197593	NC_000010.10
cg02105002	3.83E-06	6.02E-07	-5.16	4.9858371	-9.30E-02	106028928	106029051	NC_000010.10
cg00998813	3.83E-06	6.03E-07	-5.16	4.9856858	-2.78E-02	49894005	49894128	NC_000003.11
cg02770745	3.83E-06	6.03E-07	-5.16	4.9851369	-1.33E-01	3926837	3926960	NC_000011.9
cg05386903	3.84E-06	6.03E-07	-5.16	4.9845479	-7.51E-02	30906810	30906933	NC_000016.9
cg11392885	3.84E-06	6.03E-07	-5.16	4.9845371	-4.84E-02	153601123	153601246	NC_000004.11
cg06291983	3.84E-06	6.03E-07	-5.16	4.9843652	-4.05E-02	102438026	102438149	NC_000002.11
cg24480577	3.84E-06	6.03E-07	-5.16	4.9842793	-2.18E-02	62169334	62169457	NC_000020.10
cg10665490	3.84E-06	6.04E-07	-5.16	4.9836259	-1.00E-01	86946078	86946201	NC_000002.11
cg00256074	3.84E-06	6.04E-07	-5.16	4.9833941	-4.27E-02	30386150	30386273	NC_000016.9
cg11342437	3.84E-06	6.04E-07	-5.16	4.9830613	-9.44E-02	47126328	47126451	NC_000013.10
cg09506675	3.84E-06	6.04E-07	-5.16	4.9829371	-9.87E-02	112727914	112728037	NC_000007.13
cg14897238	3.84E-06	6.04E-07	-5.16	4.9827629	-7.27E-02	43198283	43198406	NC_000021.8
cg22676843	3.84E-06	6.05E-07	-5.16	4.9821107	-2.35E-02	68274083	68274206	NC_000016.9
cg11987986	3.85E-06	6.05E-07	-5.16	4.982002	-1.93E-02	89874480	89874603	NC_000007.13
cg17358530	3.85E-06	6.05E-07	-5.16	4.9817068	-6.46E-02	18774589	18774712	NC_000020.10
cg11063811	3.85E-06	6.05E-07	-5.16	4.9815237	-4.70E-02	135233752	135233875	NC_000010.10
cg18279751	3.85E-06	6.05E-07	-5.16	4.981034	-1.92E-02	142490932	142491055	NC_000007.13
cg00784161	3.85E-06	6.06E-07	-5.16	4.9808211	-7.95E-02	238406432	238406555	NC_000002.11
cg16821558	3.85E-06	6.06E-07	-5.16	4.9804948	-1.02E-01	40201703	40201826	NC_000001.10
cg06366585	3.85E-06	6.06E-07	-5.16	4.980453	-5.43E-02	150338087	150338210	NC_000001.10
cg10390536	3.85E-06	6.06E-07	-5.16	4.980444	-1.12E-01	14926377	14926500	NC_000011.9
cg04040861	3.85E-06	6.06E-07	-5.16	4.9804388	-8.81E-02	144610554	144610677	NC_000008.10
cg04377289	3.85E-06	6.06E-07	-5.16	4.9799124	-1.30E-01	78991965	78992088	NC_000017.10
cg07901138	3.85E-06	6.06E-07	-5.16	4.9794585	-9.89E-02	179560752	179560875	NC_000001.10

cg00611429	3.86E-06	6.07E-07	-5.16	4.9788169	-2.17E-02	64072922	64073045	NC_000011.9
cg15931943	3.86E-06	6.07E-07	-5.16	4.9787034	-2.10E-02	61236909	61237032	NC_000003.11
cg23423329	3.86E-06	6.08E-07	-5.16	4.9775542	-6.62E-02	30709428	30709551	NC_000006.11
cg02410754	3.86E-06	6.08E-07	-5.16	4.977364	-9.56E-02	32410520	32410643	NC_000001.10
cg16419124	3.86E-06	6.08E-07	-5.16	4.9773141	-7.86E-02	2167270	2167393	NC_000016.9
cg04904468	3.87E-06	6.09E-07	-5.16	4.9755164	-6.58E-02	81202867	81202990	NC_000010.10
cg01423389	3.87E-06	6.09E-07	-5.16	4.9753106	-1.35E-01	170746586	170746709	NC_000003.11
cg21075829	3.88E-06	6.10E-07	-5.16	4.9733613	-4.63E-02	138153170	138153293	NC_000003.11
cg14367344	3.88E-06	6.10E-07	-5.16	4.9732626	-2.10E-02	146644336	146644459	NC_000001.10
cg22820921	3.88E-06	6.10E-07	-5.16	4.9732331	-6.40E-02	94287242	94287365	NC_000007.13
cg22022379	3.88E-06	6.10E-07	-5.16	4.9730152	-1.05E-01	50762277	50762400	NC_000019.9
cg18714469	3.88E-06	6.11E-07	-5.16	4.9728444	-4.92E-02	80146065	80146188	NC_000015.9
cg06861736	3.88E-06	6.11E-07	-5.16	4.9723087	-7.79E-02	20918809	20918932	NC_000022.10
cg21777602	3.88E-06	6.11E-07	-5.16	4.9721321	-4.01E-02	87246221	87246344	NC_000002.11
cg23759826	3.88E-06	6.11E-07	-5.16	4.9720651	-3.28E-02	35735287	35735410	NC_000007.13
cg05654404	3.88E-06	6.11E-07	-5.16	4.9720361	-3.18E-02	45452166	45452289	NC_000001.10
cg14633139	3.88E-06	6.11E-07	-5.16	4.9717287	-2.13E-02	44645728	44645851	NC_000007.13
cg04060163	3.88E-06	6.12E-07	-5.16	4.9712224	-3.79E-02	75136271	75136394	NC_000017.10
cg14330713	3.89E-06	6.12E-07	-5.16	4.9701516	-9.98E-02	36856244	36856367	NC_000017.10
cg05460050	3.89E-06	6.13E-07	-5.16	4.969461	-6.34E-02	38403507	38403630	NC_000007.13
cg02966404	3.90E-06	6.13E-07	-5.16	4.9683912	-1.10E-01	47631325	47631448	NC_000007.13
cg22963777	3.90E-06	6.14E-07	-5.16	4.9679742	-6.74E-02	34115350	34115473	NC_000020.10
cg14497869	3.90E-06	6.14E-07	-5.16	4.9672024	-2.97E-02	73297631	73297754	NC_000002.11
cg03554552	3.90E-06	6.15E-07	-5.16	4.9665896	-5.16E-02	45908146	45908269	NC_000019.9
cg12523403	3.90E-06	6.15E-07	-5.16	4.9663824	-1.45E-02	12779890	12780013	NC_000019.9



cg23103367	3.91E-06	6.16E-07	-5.16	4.9650367	-2.92E-02	60970259	60970382	NC_000013.10
cg25459301	3.91E-06	6.16E-07	-5.16	4.9650311	-3.36E-02	10941183	10941306	NC_000008.10
cg15143037	3.91E-06	6.16E-07	-5.16	4.9647431	-9.29E-02	75639754	75639877	NC_000007.13
cg16743048	3.91E-06	6.16E-07	-5.16	4.9641936	-6.71E-02	77457099	77457222	NC_000012.11
cg07926482	3.91E-06	6.16E-07	-5.16	4.964082	-2.44E-02	84651521	84651644	NC_000016.9
cg06774445	3.91E-06	6.16E-07	-5.16	4.9639449	-7.17E-02	36793290	36793413	NC_000001.10
cg19687985	3.91E-06	6.17E-07	-5.16	4.9634493	-5.05E-02	43478500	43478623	NC_000006.11
cg20609883	3.92E-06	6.17E-07	-5.16	4.9622218	-9.09E-02	49863421	49863544	NC_000010.10
cg13727946	3.92E-06	6.18E-07	-5.16	4.9615586	-6.91E-02	8953473	8953596	NC_000019.9
cg16329896	3.92E-06	6.18E-07	-5.16	4.9611808	-8.52E-02	47515060	47515183	NC_000007.13
cg04787916	3.92E-06	6.18E-07	-5.16	4.9607435	-9.11E-02	237755762	237755885	NC_000002.11
cg22827524	3.92E-06	6.18E-07	-5.16	4.9606019	-1.38E-01	222910746	222910869	NC_000001.10
cg07457944	3.92E-06	6.18E-07	-5.16	4.9604562	-2.05E-02	67957061	67957184	NC_000018.9
cg16778211	3.93E-06	6.19E-07	-5.16	4.9600549	-1.01E-01	64364050	64364173	NC_000014.8
cg08448751	3.93E-06	6.19E-07	-5.16	4.9598062	-4.95E-02	52479601	52479724	NC_000003.11
cg07364906	3.93E-06	6.19E-07	-5.16	4.9596546	-6.37E-02	16710288	16710411	NC_000020.10
cg04370174	3.93E-06	6.19E-07	-5.15	4.9595163	-8.55E-02	8207250	8207373	NC_000004.11
cg05104283	3.93E-06	6.19E-07	-5.15	4.9591946	-5.88E-02	75463860	75463983	NC_000017.10
cg13555047	3.94E-06	6.20E-07	-5.15	4.9576087	-5.00E-02	115610683	115610806	NC_000012.11
cg23234674	3.94E-06	6.20E-07	-5.15	4.9574609	-6.90E-02	172447822	172447945	NC_000005.9
cg01370805	3.94E-06	6.20E-07	-5.15	4.9574503	-1.04E-01	51111217	51111340	NC_000022.10
cg04961445	3.94E-06	6.21E-07	-5.15	4.9566047	-1.55E-02	23652859	23652982	NC_000016.9
cg19751406	3.94E-06	6.21E-07	-5.15	4.9559773	-1.22E-02	203764676	203764799	NC_000001.10
cg12145085	3.95E-06	6.22E-07	-5.15	4.9551477	-1.02E-01	73289895	73290018	NC_000014.8
cg03717201	3.95E-06	6.22E-07	-5.15	4.9545965	-5.24E-02	60780764	60780887	NC_000002.11

cg14885762	3.95E-06	6.22E-07	-5.15	4.9541691	-1.03E-01	75446450	75446573	NC_000017.10
cg16974516	3.95E-06	6.23E-07	-5.15	4.9537692	-9.81E-02	237640723	237640846	NC_000002.11
cg06532544	3.95E-06	6.23E-07	-5.15	4.9532816	-2.36E-02	19734717	19734840	NC_000011.9
cg07258627	3.95E-06	6.23E-07	-5.15	4.952722	-4.34E-02	4721683	4721806	NC_000020.10
cg12592321	3.96E-06	6.24E-07	-5.15	4.952485	-9.13E-02	109273999	109274122	NC_000012.11
cg18886719	3.96E-06	6.24E-07	-5.15	4.9518	-2.40E-02	13885707	13885830	NC_000019.9
cg13720022	3.96E-06	6.24E-07	-5.15	4.9517956	-7.09E-02	95264477	95264600	NC_000009.11
cg11297423	3.96E-06	6.25E-07	-5.15	4.9506144	-8.62E-02	2885797	2885920	NC_000012.11
cg14582154	3.96E-06	6.25E-07	-5.15	4.9500192	-1.16E-01	170531367	170531490	NC_000006.11
cg11292332	3.97E-06	6.25E-07	-5.15	4.949587	-1.07E-01	45801988	45802111	NC_000007.13
cg02930419	3.97E-06	6.26E-07	-5.15	4.9494508	-9.05E-02	19628087	19628210	NC_000017.10
cg04216597	3.97E-06	6.26E-07	-5.15	4.9492099	-8.63E-02	48639836	48639959	NC_000017.10
cg17574577	3.97E-06	6.26E-07	-5.15	4.949158	-3.30E-02	140098218	140098341	NC_000004.11
cg18317531	3.97E-06	6.26E-07	-5.15	4.9489428	-1.41E-01	225688425	225688548	NC_000001.10
cg12753787	3.97E-06	6.26E-07	-5.15	4.9482242	-5.68E-02	3239712	3239835	NC_000001.10
cg17731065	3.97E-06	6.26E-07	-5.15	4.9480487	-9.02E-02	597584	597707	NC_000017.10
cg26702670	3.97E-06	6.26E-07	-5.15	4.9479872	-1.17E-01	90456619	90456742	NC_000015.9
cg02475377	3.97E-06	6.27E-07	-5.15	4.9477515	-1.36E-02	362711	362834	NC_000020.10
cg14048797	3.97E-06	6.27E-07	-5.15	4.9475617	-3.17E-02	104186172	104186295	NC_000009.11
cg26731781	3.97E-06	6.27E-07	-5.15	4.9475486	-3.26E-02	28494031	28494154	NC_000013.10
cg08227926	3.97E-06	6.27E-07	-5.15	4.9474266	-4.11E-02	46731261	46731384	NC_000022.10
cg12991093	3.97E-06	6.27E-07	-5.15	4.947371	-6.73E-02	43649349	43649472	NC_000005.9
cg06799496	3.97E-06	6.27E-07	-5.15	4.9473693	-4.68E-02	34441774	34441897	NC_000012.11
cg25101225	3.98E-06	6.27E-07	-5.15	4.9467708	-8.46E-02	113705742	113705865	NC_000013.10
cg08237138	3.98E-06	6.28E-07	-5.15	4.9461112	-5.36E-02	35754796	35754919	NC_000006.11

cg01497487	3.98E-06	6.28E-07	-5.15	4.9456997	-3.14E-02	38141814	38141937	NC_000022.10
cg17425590	3.98E-06	6.28E-07	-5.15	4.9456289	-8.56E-02	229830303	229830426	NC_000001.10
cg08212266	3.98E-06	6.28E-07	-5.15	4.9452493	-9.64E-02	101513100	101513223	NC_000007.13
cg03015942	3.99E-06	6.29E-07	-5.15	4.9445405	-8.16E-02	49229380	49229503	NC_000008.10
cg04689178	3.99E-06	6.29E-07	-5.15	4.9443985	-1.11E-01	76895722	76895845	NC_000017.10
cg01117269	3.99E-06	6.29E-07	-5.15	4.9443339	-6.43E-02	416315	416438	NC_000010.10
cg21792150	3.99E-06	6.29E-07	-5.15	4.9442213	-3.61E-02	101567884	101568007	NC_000003.11
cg04343794	3.99E-06	6.29E-07	-5.15	4.9434773	-4.97E-02	1142132	1142255	NC_000001.10
cg14350544	3.99E-06	6.30E-07	-5.15	4.9430136	-4.11E-02	97349564	97349687	NC_000009.11
cg21620606	3.99E-06	6.30E-07	-5.15	4.9429362	-1.22E-01	1342894	1343017	NC_000004.11
cg23525200	3.99E-06	6.30E-07	-5.15	4.9429158	-4.56E-02	49581783	49581906	NC_000011.9
cg06673910	3.99E-06	6.30E-07	-5.15	4.9427552	-2.58E-02	43904777	43904900	NC_000010.10
cg12335447	3.99E-06	6.30E-07	-5.15	4.9426556	-9.64E-02	37546115	37546238	NC_000022.10
cg09948879	3.99E-06	6.30E-07	-5.15	4.9425366	-4.51E-02	114321390	114321513	NC_000013.10
cg11702368	3.99E-06	6.30E-07	-5.15	4.942352	-8.41E-02	50798572	50798695	NC_000001.10
ch.9.941347R	3.99E-06	6.30E-07	-5.15	4.9421696	-1.27E-02	77851250	77851373	NC_000009.11
cg14074626	4.00E-06	6.31E-07	-5.15	4.9407826	-1.07E-01	63571356	63571479	NC_000001.10
cg26548883	4.00E-06	6.31E-07	-5.15	4.9404018	-1.00E-01	34329899	34330022	NC_000017.10
cg09746391	4.00E-06	6.32E-07	-5.15	4.9399838	-7.97E-02	20224414	20224537	NC_000017.10
cg26196162	4.00E-06	6.32E-07	-5.15	4.9395994	-8.96E-02	830036	830159	NC_000006.11
cg23861541	4.00E-06	6.32E-07	-5.15	4.9395402	-1.16E-01	62934207	62934330	NC_000002.11
cg05498905	4.00E-06	6.32E-07	-5.15	4.9394668	-9.04E-02	6955698	6955821	NC_000004.11
cg09997546	4.01E-06	6.32E-07	-5.15	4.9392061	-1.06E-01	8931473	8931596	NC_000011.9
cg27658030	4.01E-06	6.32E-07	-5.15	4.9390306	-3.55E-02	2144198	2144321	NC_000012.11
cg02263377	4.01E-06	6.33E-07	-5.15	4.9385718	-1.82E-01	105195816	105195939	NC_000014.8

cg09418673	4.01E-06	6.33E-07	-5.15	4.937385	-6.04E-02	76372128	76372251	NC_000011.9
cg14753599	4.01E-06	6.33E-07	-5.15	4.9373285	-9.74E-02	88728361	88728484	NC_000010.10
cg22160883	4.01E-06	6.34E-07	-5.15	4.9369281	-4.26E-02	138609222	138609345	NC_000005.9
cg13551243	4.02E-06	6.34E-07	-5.15	4.9363129	-1.52E-02	146052742	146052865	NC_000008.10
cg14857380	4.02E-06	6.34E-07	-5.15	4.9357336	-6.46E-02	111577968	111578091	NC_000003.11
cg00239835	4.02E-06	6.35E-07	-5.15	4.9356307	-9.87E-02	72379867	72379990	NC_000011.9
cg23332610	4.02E-06	6.35E-07	-5.15	4.9356029	-7.14E-02	5984258	5984381	NC_000017.10
cg26147480	4.02E-06	6.35E-07	-5.15	4.9355144	-7.79E-02	126490099	126490222	NC_000010.10
cg08856601	4.02E-06	6.35E-07	-5.15	4.9354051	-1.08E-01	65730351	65730474	NC_000001.10
cg21194911	4.02E-06	6.35E-07	-5.15	4.9353228	-2.26E-02	44716733	44716856	NC_000019.9
cg00794673	4.02E-06	6.35E-07	-5.15	4.9347818	-1.17E-01	35016449	35016572	NC_000006.11
cg09618893	4.02E-06	6.35E-07	-5.15	4.9342588	-9.74E-02	31856773	31856896	NC_000006.11
cg07575344	4.03E-06	6.36E-07	-5.15	4.9336986	-5.44E-02	64055717	64055840	NC_000001.10
cg00065048	4.03E-06	6.36E-07	-5.15	4.9336744	-7.92E-02	27962037	27962160	NC_000001.10
cg04903509	4.03E-06	6.36E-07	-5.15	4.9332355	-8.89E-02	132855060	132855183	NC_000012.11
cg01420426	4.03E-06	6.36E-07	-5.15	4.9327207	-1.86E-02	41832032	41832155	NC_000001.10
cg05543547	4.03E-06	6.37E-07	-5.15	4.9325602	-2.23E-02	119135213	119135336	NC_000010.10
cg13316054	4.03E-06	6.37E-07	-5.15	4.9319091	-1.08E-01	63388439	63388562	NC_000010.10
cg21609034	4.03E-06	6.37E-07	-5.15	4.9317001	-1.81E-02	3869759	3869882	NC_000020.10
cg01542719	4.04E-06	6.37E-07	-5.15	4.9312664	-9.69E-02	154042778	154042901	NC_000003.11
cg09685934	4.04E-06	6.38E-07	-5.15	4.9310326	-5.87E-02	133827520	133827643	NC_000011.9
cg18941151	4.04E-06	6.38E-07	-5.15	4.9305505	-1.02E-01	114431234	114431357	NC_000001.10
cg01366454	4.04E-06	6.38E-07	-5.15	4.9302832	-3.30E-02	142317721	142317844	NC_000008.10
cg16697896	4.04E-06	6.38E-07	-5.15	4.9298826	-4.90E-02	71050832	71050955	NC_000003.11
cg19529645	4.04E-06	6.39E-07	-5.15	4.9292375	-2.79E-02	79196743	79196866	NC_000017.10

cg01277983	4.04E-06	6.39E-07	-5.15	4.9291363	-9.31E-02	43835600	43835723	NC_000022.10
cg26804336	4.05E-06	6.39E-07	-5.15	4.9287339	-1.05E-01	67521733	67521856	NC_000005.9
cg05697785	4.05E-06	6.39E-07	-5.15	4.9281747	-6.68E-02	75416760	75416883	NC_000010.10
cg26394221	4.05E-06	6.39E-07	-5.15	4.9281737	-2.08E-02	187455488	187455611	NC_000002.11
cg06584224	4.05E-06	6.39E-07	-5.15	4.9281095	-9.15E-02	25573765	25573888	NC_000022.10
cg12074981	4.05E-06	6.40E-07	-5.15	4.9277161	-1.46E-02	43547177	43547300	NC_000018.9
cg18838436	4.05E-06	6.40E-07	-5.15	4.9274372	-2.12E-02	126565346	126565469	NC_000005.9
cg04112567	4.05E-06	6.40E-07	-5.15	4.9274321	-1.53E-02	9242340	9242463	NC_000001.10
cg09918674	4.05E-06	6.40E-07	-5.15	4.9272901	-1.06E-01	4638933	4639056	NC_000019.9
cg26735294	4.05E-06	6.40E-07	-5.15	4.9267829	-5.36E-02	47813364	47813487	NC_000021.8
cg07984168	4.05E-06	6.41E-07	-5.15	4.9263857	-1.05E-01	26626663	26626786	NC_000013.10
ch.5.78058155R	4.06E-06	6.41E-07	-5.15	4.9253898	-2.28E-02	78022399	78022522	NC_000005.9
cg10977320	4.06E-06	6.42E-07	-5.15	4.9246181	-1.55E-02	96192699	96192822	NC_000002.11
cg05165689	4.06E-06	6.42E-07	-5.15	4.9245968	-6.35E-02	69534554	69534677	NC_000002.11
cg25391562	4.06E-06	6.42E-07	-5.15	4.9244354	-8.90E-02	89806996	89807119	NC_000005.9
cg02890365	4.07E-06	6.43E-07	-5.15	4.9232236	-8.57E-02	151518189	151518312	NC_000001.10
cg25217636	4.07E-06	6.43E-07	-5.15	4.9230916	-2.86E-02	37963452	37963575	NC_000008.10
cg02938601	4.07E-06	6.43E-07	-5.15	4.9227021	-1.73E-01	22961088	22961211	NC_000008.10
cg12320968	4.07E-06	6.43E-07	-5.15	4.9220992	-1.44E-02	22337153	22337276	NC_000022.10
cg24887211	4.07E-06	6.44E-07	-5.15	4.9217218	-9.22E-02	77292625	77292748	NC_000014.8
cg21634842	4.07E-06	6.44E-07	-5.15	4.9216534	-2.84E-02	82203649	82203772	NC_000016.9
cg26915343	4.08E-06	6.44E-07	-5.15	4.9211309	-6.68E-02	18902839	18902962	NC_000002.11
cg19947233	4.08E-06	6.44E-07	-5.15	4.9208239	-2.78E-02	90032727	90032850	NC_000004.11
cg04030848	4.08E-06	6.44E-07	-5.15	4.9208014	-8.57E-02	30960881	30961004	NC_000022.10
cg18316256	4.08E-06	6.44E-07	-5.15	4.92077	-9.57E-02	149491333	149491456	NC_000006.11

cg07513814	4.08E-06	6.45E-07	-5.15	4.9198556	-6.29E-02	232758224	232758347	NC_000002.11
cg27053542	4.08E-06	6.45E-07	-5.15	4.9192837	-8.64E-02	34716303	34716426	NC_000010.10
cg04211581	4.08E-06	6.45E-07	-5.15	4.9190952	-1.33E-01	152011656	152011779	NC_000006.11
cg14400179	4.08E-06	6.46E-07	-5.15	4.9190127	-4.57E-02	125437078	125437201	NC_000009.11
cg06849723	4.08E-06	6.46E-07	-5.15	4.9190074	-8.11E-02	3144755	3144878	NC_000011.9
cg07936430	4.08E-06	6.46E-07	-5.15	4.9187711	-1.86E-02	30538244	30538367	NC_000016.9
cg12608507	4.09E-06	6.46E-07	-5.15	4.9183114	-7.28E-02	207025477	207025600	NC_000002.11
cg22626825	4.09E-06	6.46E-07	-5.15	4.9176809	-8.27E-02	16766180	16766303	NC_000003.11
cg01434562	4.10E-06	6.48E-07	-5.15	4.9156959	-1.38E-01	106201507	106201630	NC_000010.10
cg13733266	4.10E-06	6.48E-07	-5.15	4.9150014	-9.97E-02	85397216	85397339	NC_000011.9
cg19988204	4.10E-06	6.49E-07	-5.15	4.9143685	-5.04E-02	144798331	144798454	NC_000008.10
cg19979405	4.10E-06	6.49E-07	-5.14	4.9138575	-2.86E-02	30640621	30640744	NC_000006.11
cg22584335	4.10E-06	6.49E-07	-5.14	4.9137357	-3.21E-02	27806067	27806190	NC_000002.11
cg10354926	4.11E-06	6.49E-07	-5.14	4.9131902	-1.02E-01	104905791	104905914	NC_000013.10
cg26285698	4.11E-06	6.50E-07	-5.14	4.9129528	-1.07E-01	29757334	29757457	NC_000016.9
cg24605090	4.11E-06	6.50E-07	-5.14	4.9126496	-6.26E-02	2019943	2020066	NC_000011.9
cg16045459	4.11E-06	6.50E-07	-5.14	4.9121052	-8.18E-02	4872488	4872611	NC_000017.10
cg21923317	4.11E-06	6.50E-07	-5.14	4.9117012	-9.14E-02	3387678	3387801	NC_000004.11
cg12377113	4.12E-06	6.51E-07	-5.14	4.9111081	-9.70E-02	12775955	12776078	NC_000001.10
ch.7.558423R	4.12E-06	6.51E-07	-5.14	4.9108724	-4.89E-02	21952937	21953060	NC_000007.13
cg07554478	4.12E-06	6.51E-07	-5.14	4.910516	-5.27E-02	113492074	113492197	NC_000003.11
cg20722458	4.12E-06	6.52E-07	-5.14	4.9098085	-1.13E-01	8715811	8715934	NC_000002.11
cg06522915	4.12E-06	6.52E-07	-5.14	4.9095825	-4.88E-02	73758449	73758572	NC_000007.13
cg27168632	4.12E-06	6.52E-07	-5.14	4.9090428	-6.07E-02	240212763	240212886	NC_000002.11
cg11118440	4.12E-06	6.52E-07	-5.14	4.9089253	-1.02E-01	125249923	125250046	NC_000012.11

cg14891195	4.13E-06	6.53E-07	-5.14	4.9082362	-1.39E-01	30353000	30353123	NC_000018.9
cg04037218	4.13E-06	6.53E-07	-5.14	4.9081899	-2.42E-02	4079534	4079657	NC_000006.11
cg25295329	4.13E-06	6.53E-07	-5.14	4.908164	-1.21E-01	106348603	106348726	NC_000006.11
cg03604827	4.13E-06	6.53E-07	-5.14	4.9072783	-3.85E-02	2076730	2076853	NC_000016.9
cg14474561	4.13E-06	6.54E-07	-5.14	4.9066276	-7.88E-02	48096466	48096589	NC_000020.10
cg22877452	4.13E-06	6.54E-07	-5.14	4.9062275	-6.03E-02	61517876	61517999	NC_000001.10
cg09208540	4.13E-06	6.54E-07	-5.14	4.9062259	-1.13E-01	135340467	135340590	NC_000010.10
cg18349298	4.14E-06	6.55E-07	-5.14	4.9053833	-8.82E-02	158450550	158450673	NC_000003.11
cg10289912	4.14E-06	6.55E-07	-5.14	4.9047738	-2.01E-02	30324033	30324156	NC_000007.13
cg26501657	4.14E-06	6.55E-07	-5.14	4.9043555	-1.07E-01	111873555	111873678	NC_000012.11
cg00114383	4.14E-06	6.56E-07	-5.14	4.9039834	-2.40E-02	28962172	28962295	NC_000016.9
cg17668728	4.15E-06	6.56E-07	-5.14	4.9034028	-7.28E-02	92747455	92747578	NC_000007.13
cg18352882	4.15E-06	6.56E-07	-5.14	4.902866	-9.43E-02	22725345	22725468	NC_000010.10
cg12050497	4.15E-06	6.57E-07	-5.14	4.9024005	-7.65E-02	14773274	14773397	NC_000002.11
cg03989020	4.15E-06	6.57E-07	-5.14	4.9021206	-8.66E-02	30002334	30002457	NC_000013.10
cg05654329	4.15E-06	6.57E-07	-5.14	4.9018721	-1.13E-01	177581506	177581629	NC_000005.9
cg23435082	4.15E-06	6.57E-07	-5.14	4.901787	-2.83E-02	117186472	117186595	NC_000011.9
cg13276428	4.15E-06	6.57E-07	-5.14	4.9015344	-6.71E-02	105048531	105048654	NC_000014.8
cg06939852	4.16E-06	6.58E-07	-5.14	4.9008344	-1.10E-01	51068651	51068774	NC_000016.9
cg05713486	4.16E-06	6.58E-07	-5.14	4.9000771	-8.45E-02	2441896	2442019	NC_000011.9
cg14614643	4.16E-06	6.59E-07	-5.14	4.8996797	-1.34E-01	56646507	56646630	NC_000001.10
cg12981272	4.16E-06	6.59E-07	-5.14	4.8987643	-7.98E-02	37281848	37281971	NC_000003.11
cg15353533	4.17E-06	6.60E-07	-5.14	4.8979989	-9.73E-02	1023291	1023414	NC_000004.11
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cg10624784	4.17E-06	6.61E-07	-5.14	4.8967436	-3.56E-02	77427913	77428036	NC_000007.13

cg14783891	4.18E-06	6.61E-07	-5.14	4.896001	-7.47E-02	27730060	27730183	NC_000001.10
cg12451852	4.18E-06	6.61E-07	-5.14	4.895754	-4.92E-02	149468989	149469112	NC_000007.13
cg07844518	4.18E-06	6.61E-07	-5.14	4.8956628	-8.26E-02	85387556	85387679	NC_000016.9
cg21143446	4.18E-06	6.62E-07	-5.14	4.8951819	-3.45E-02	108922340	108922463	NC_000013.10
cg19520115	4.18E-06	6.62E-07	-5.14	4.8949749	-1.73E-02	19811759	19811882	NC_000001.10
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cg16535352	4.19E-06	6.63E-07	-5.14	4.8932947	-5.19E-02	129945684	129945807	NC_000007.13
cg16261398	4.19E-06	6.63E-07	-5.14	4.8924525	-2.57E-02	1410750	1410873	NC_000011.9
cg09004566	4.19E-06	6.64E-07	-5.14	4.8923056	-9.95E-03	16296301	16296424	NC_000019.9
cg06463708	4.20E-06	6.64E-07	-5.14	4.8910252	-5.13E-02	33181870	33181993	NC_000006.11
cg11326793	4.20E-06	6.64E-07	-5.14	4.8909612	-6.92E-02	53499096	53499219	NC_000013.10
cg04538800	4.20E-06	6.65E-07	-5.14	4.890837	-9.18E-02	46089331	46089454	NC_000017.10
cg14827502	4.20E-06	6.65E-07	-5.14	4.8903577	-1.05E-01	150148025	150148148	NC_000007.13
cg22842854	4.20E-06	6.65E-07	-5.14	4.8901117	-3.05E-02	123319900	123320023	NC_000012.11
cg18081349	4.20E-06	6.65E-07	-5.14	4.889958	-4.46E-02	149266549	149266672	NC_000005.9
cg03138970	4.20E-06	6.65E-07	-5.14	4.8897787	-8.66E-02	177539698	177539821	NC_000005.9
cg07161369	4.20E-06	6.66E-07	-5.14	4.8894041	-1.06E-01	38350464	38350587	NC_000007.13
cg17143972	4.20E-06	6.66E-07	-5.14	4.8890209	-6.77E-02	27903338	27903461	NC_000017.10
cg16570455	4.20E-06	6.66E-07	-5.14	4.8889455	-9.96E-02	75147288	75147411	NC_000002.11
cg14058100	4.21E-06	6.66E-07	-5.14	4.8885404	-9.44E-02	104622028	104622151	NC_000014.8
cg12970937	4.21E-06	6.67E-07	-5.14	4.8871055	-1.17E-01	93188125	93188248	NC_000007.13
cg13439241	4.21E-06	6.68E-07	-5.14	4.8865618	-1.09E-01	63273507	63273630	NC_000011.9
cg14462402	4.22E-06	6.68E-07	-5.14	4.8861214	-7.90E-02	120678447	120678570	NC_000011.9
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cg20211088	4.22E-06	6.68E-07	-5.14	4.8853549	-4.43E-02	13712555	13712678	NC_000006.11



cg03390416	4.22E-06	6.69E-07	-5.14	4.8848498	-8.90E-02	47666241	47666364	NC_000017.10
cg00630020	4.22E-06	6.69E-07	-5.14	4.8843491	-2.60E-02	1306618	1306741	NC_000020.10
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cg14560571	4.22E-06	6.69E-07	-5.14	4.8841766	-7.71E-02	131395967	131396090	NC_000009.11
cg15129183	4.22E-06	6.69E-07	-5.14	4.8841523	-1.17E-01	169760269	169760392	NC_000005.9
cg01125366	4.22E-06	6.69E-07	-5.14	4.8840215	-1.21E-02	72218306	72218429	NC_000010.10
cg06441398	4.23E-06	6.70E-07	-5.14	4.8835873	-1.05E-01	70317455	70317578	NC_000011.9
cg04640971	4.23E-06	6.70E-07	-5.14	4.8834523	-6.63E-02	45165318	45165441	NC_000002.11
ch.14.1168716F	4.23E-06	6.70E-07	-5.14	4.8834414	-3.17E-02	77543787	77543910	NC_000014.8
cg06992486	4.23E-06	6.70E-07	-5.14	4.8833261	-4.09E-02	96855353	96855476	NC_000015.9
cg10060191	4.23E-06	6.70E-07	-5.14	4.8831994	-1.00E-01	66282209	66282332	NC_000016.9
cg14376170	4.23E-06	6.70E-07	-5.14	4.8828484	-3.82E-02	156647971	156648094	NC_000001.10
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cg07663765	4.23E-06	6.71E-07	-5.14	4.8815346	-7.84E-02	84539641	84539764	NC_000016.9
cg25384157	4.23E-06	6.71E-07	-5.14	4.8814007	-6.28E-02	140499132	140499255	NC_000009.11
cg13828068	4.24E-06	6.71E-07	-5.14	4.8809837	-3.81E-02	86615267	86615390	NC_000009.11
cg24510494	4.24E-06	6.71E-07	-5.14	4.8808751	-1.74E-01	154144462	154144585	NC_000004.11
cg03221590	4.24E-06	6.72E-07	-5.14	4.8807552	-9.41E-02	123756314	123756437	NC_000011.9
cg12634932	4.24E-06	6.72E-07	-5.14	4.88045	-1.38E-01	43397230	43397353	NC_000005.9
cg26843750	4.24E-06	6.72E-07	-5.14	4.8800795	-1.18E-01	51426906	51427029	NC_000016.9
cg24613083	4.24E-06	6.72E-07	-5.14	4.8797553	-4.03E-02	59539715	59539838	NC_000017.10
cg17873910	4.24E-06	6.73E-07	-5.14	4.879029	-2.13E-02	153191822	153191945	NC_000002.11
ch.20.1437006F	4.24E-06	6.73E-07	-5.14	4.8788151	-8.81E-03	60748300	60748423	NC_000020.10
cg10133908	4.24E-06	6.73E-07	-5.14	4.8787628	-5.37E-02	93168991	93169114	NC_000010.10
cg04932230	4.25E-06	6.73E-07	-5.14	4.8780775	-2.43E-02	54073878	54074001	NC_000010.10

cg07896108	4.25E-06	6.73E-07	-5.14	4.8780468	-3.55E-02	99037846	99037969	NC_000012.11
cg02002391	4.25E-06	6.73E-07	-5.14	4.8780227	-1.66E-02	122758961	122759084	NC_000005.9
cg06765022	4.25E-06	6.73E-07	-5.14	4.8779584	-4.50E-02	76628673	76628796	NC_000007.13
cg12278474	4.25E-06	6.74E-07	-5.14	4.8776954	-6.06E-02	5221357	5221480	NC_000001.10
cg03648361	4.25E-06	6.74E-07	-5.14	4.8776411	-2.47E-02	73893010	73893133	NC_000017.10
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ch.10.2544207F	4.25E-06	6.74E-07	-5.14	4.8775936	-4.30E-02	120798819	120798942	NC_000010.10
cg23244698	4.25E-06	6.74E-07	-5.14	4.8775888	-2.73E-02	50135527	50135650	NC_000012.11
cg18771357	4.25E-06	6.74E-07	-5.14	4.8773787	-2.11E-02	107186870	107186993	NC_000013.10
cg15453278	4.25E-06	6.74E-07	-5.14	4.877173	-8.44E-02	67134607	67134730	NC_000011.9
cg21301224	4.25E-06	6.74E-07	-5.14	4.8766763	-1.02E-01	56813677	56813800	NC_000008.10
cg26741280	4.25E-06	6.75E-07	-5.14	4.8760543	-4.57E-02	28563089	28563212	NC_000017.10
cg05374718	4.26E-06	6.75E-07	-5.14	4.8757177	-1.93E-02	112282133	112282256	NC_000001.10
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cg00524561	4.26E-06	6.76E-07	-5.14	4.8737295	-1.05E-01	125197665	125197788	NC_000012.11
cg04548483	4.27E-06	6.77E-07	-5.14	4.8725837	-6.73E-02	145597148	145597271	NC_000008.10
cg20910807	4.27E-06	6.78E-07	-5.14	4.8720862	-6.17E-02	57875384	57875507	NC_000020.10
cg14992633	4.27E-06	6.78E-07	-5.14	4.8719787	-7.87E-02	129962562	129962685	NC_000007.13
cg06059810	4.28E-06	6.78E-07	-5.14	4.8711165	-6.41E-02	71587722	71587845	NC_000004.11
cg05158692	4.28E-06	6.78E-07	-5.14	4.8710664	-1.33E-02	43568545	43568668	NC_000017.10
cg18237277	4.28E-06	6.79E-07	-5.14	4.8703161	-2.42E-02	3774198	3774321	NC_000001.10
cg12855547	4.28E-06	6.79E-07	-5.14	4.8703088	-7.49E-02	112824700	112824823	NC_000005.9

cg19107511	4.28E-06	6.79E-07	-5.14	4.8698255	-1.01E-01	52476217	52476340	NC_000012.11
cg04391957	4.28E-06	6.79E-07	-5.14	4.8696708	-6.32E-02	57125654	57125777	NC_000016.9
cg14173033	4.28E-06	6.80E-07	-5.14	4.8689263	-1.09E-01	80545310	80545433	NC_000017.10
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cg21824114	4.29E-06	6.80E-07	-5.13	4.867938	-7.21E-03	41322603	41322726	NC_000017.10
cg13861413	4.29E-06	6.81E-07	-5.13	4.8670762	-6.85E-02	72941283	72941406	NC_000012.11
cg01975505	4.29E-06	6.81E-07	-5.13	4.8670331	-6.44E-02	48497828	48497951	NC_000019.9
cg17197519	4.30E-06	6.82E-07	-5.13	4.8654075	-7.42E-02	65541267	65541390	NC_000015.9
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cg18461733	4.30E-06	6.82E-07	-5.13	4.8651524	-3.20E-02	26188268	26188391	NC_000007.13
cg23251640	4.30E-06	6.83E-07	-5.13	4.8649625	-1.26E-02	14011416	14011539	NC_000005.9
cg23965214	4.30E-06	6.83E-07	-5.13	4.8646242	-7.31E-02	37123909	37124032	NC_000017.10
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cg13962943	4.30E-06	6.83E-07	-5.13	4.8642662	-2.72E-02	33385698	33385821	NC_000006.11
cg02338222	4.30E-06	6.83E-07	-5.13	4.8639894	-3.48E-02	132245400	132245523	NC_000009.11
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cg09006292	4.31E-06	6.84E-07	-5.13	4.8629331	-9.77E-02	64049408	64049531	NC_000003.11
cg24301690	4.31E-06	6.84E-07	-5.13	4.8628427	-4.36E-02	128712676	128712799	NC_000003.11
cg03105999	4.31E-06	6.84E-07	-5.13	4.8624746	-7.29E-02	821075	821198	NC_000004.11
cg19200814	4.31E-06	6.85E-07	-5.13	4.861958	-7.10E-02	21363835	21363958	NC_000017.10
cg06400699	4.32E-06	6.85E-07	-5.13	4.8612444	-2.71E-02	228328509	228328632	NC_000001.10
cg15742049	4.32E-06	6.85E-07	-5.13	4.8611635	-1.29E-02	112679103	112679226	NC_000010.10
cg08366885	4.32E-06	6.85E-07	-5.13	4.8608706	-1.62E-02	204399371	204399494	NC_000002.11
cg06650786	4.32E-06	6.86E-07	-5.13	4.8608256	-9.97E-02	15312129	15312252	NC_000019.9

cg04703696	4.32E-06	6.86E-07	-5.13	4.8606607	-7.46E-02	136036629	136036752	NC_000009.11
cg14137548	4.32E-06	6.86E-07	-5.13	4.8604348	-1.15E-01	50317924	50318047	NC_000010.10
cg16055869	4.32E-06	6.86E-07	-5.13	4.8604158	-1.19E-01	74864612	74864735	NC_000004.11
cg13583535	4.32E-06	6.86E-07	-5.13	4.8603789	-9.63E-02	74768041	74768164	NC_000018.9
cg27019717	4.32E-06	6.86E-07	-5.13	4.8600638	-1.28E-01	52351055	52351178	NC_000014.8
cg21680719	4.32E-06	6.86E-07	-5.13	4.8599242	-9.82E-02	38466677	38466800	NC_000001.10
cg14649272	4.32E-06	6.86E-07	-5.13	4.8598566	-2.60E-02	46402476	46402599	NC_000022.10
cg10848367	4.32E-06	6.86E-07	-5.13	4.8598074	-9.36E-02	62009065	62009188	NC_000011.9
cg07259660	4.32E-06	6.86E-07	-5.13	4.8597172	-1.05E-01	49517767	49517890	NC_000010.10
cg27586417	4.33E-06	6.87E-07	-5.13	4.8584867	-5.96E-02	85577800	85577923	NC_000016.9
cg04488476	4.33E-06	6.87E-07	-5.13	4.858278	-6.20E-02	33291696	33291819	NC_000006.11
cg07066635	4.33E-06	6.87E-07	-5.13	4.8581995	-2.60E-02	110434276	110434399	NC_000012.11
cg04128483	4.33E-06	6.87E-07	-5.13	4.8581158	-2.95E-02	38446099	38446222	NC_000021.8
cg21286117	4.33E-06	6.88E-07	-5.13	4.857318	-5.89E-02	48286851	48286974	NC_000017.10
cg04784327	4.33E-06	6.88E-07	-5.13	4.8572874	-6.18E-02	56998712	56998835	NC_000016.9
cg23275158	4.33E-06	6.88E-07	-5.13	4.8572605	-4.56E-02	77965757	77965880	NC_000014.8
cg00391575	4.33E-06	6.88E-07	-5.13	4.8566091	-2.61E-02	138554018	138554141	NC_000003.11
cg18807011	4.33E-06	6.89E-07	-5.13	4.8565403	-5.75E-02	184633572	184633695	NC_000001.10
cg07689821	4.34E-06	6.89E-07	-5.13	4.8561991	-3.87E-02	33290736	33290859	NC_000006.11
cg09872928	4.34E-06	6.89E-07	-5.13	4.856097	-3.68E-02	30910646	30910769	NC_000006.11
cg13856340	4.34E-06	6.89E-07	-5.13	4.8559875	-1.08E-01	127888818	127888941	NC_000009.11
cg08226300	4.34E-06	6.89E-07	-5.13	4.8553843	-9.86E-02	49695806	49695929	NC_000003.11
cg27466766	4.34E-06	6.89E-07	-5.13	4.8552853	-1.44E-02	144679319	144679442	NC_000008.10
cg04896949	4.34E-06	6.90E-07	-5.13	4.8546389	-9.53E-02	28918475	28918598	NC_000001.10
cg10095654	4.34E-06	6.90E-07	-5.13	4.8540557	-9.10E-02	31847633	31847756	NC_000006.11

cg24645671	4.34E-06	6.90E-07	-5.13	4.8540218	-1.09E-01	42656871	42656994	NC_000007.13
cg16780078	4.35E-06	6.91E-07	-5.13	4.8532539	-7.51E-02	88788422	88788545	NC_000014.8
cg02415341	4.36E-06	6.92E-07	-5.13	4.8512377	-9.23E-02	135146439	135146562	NC_000010.10
cg15782311	4.36E-06	6.92E-07	-5.13	4.8510168	-3.91E-02	113494031	113494154	NC_000012.11
cg26500144	4.36E-06	6.93E-07	-5.13	4.8502802	-2.63E-02	36646390	36646513	NC_000006.11
cg13935689	4.36E-06	6.93E-07	-5.13	4.850061	-8.69E-02	9555691	9555814	NC_000001.10
cg13267747	4.37E-06	6.94E-07	-5.13	4.8487458	-1.21E-02	141031176	141031299	NC_000005.9
cg21138405	4.37E-06	6.95E-07	-5.13	4.8481067	-1.42E-01	131827807	131827930	NC_000005.9
cg18282264	4.37E-06	6.95E-07	-5.13	4.8478149	-9.94E-03	6048883	6049006	NC_000007.13
cg18472410	4.37E-06	6.95E-07	-5.13	4.8477699	-1.09E-01	42756786	42756909	NC_000005.9
cg13066043	4.37E-06	6.95E-07	-5.13	4.8477168	-3.72E-02	24808987	24809110	NC_000014.8
cg15554284	4.37E-06	6.95E-07	-5.13	4.8474071	-5.83E-02	21203359	21203482	NC_000019.9
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cg20998127	4.38E-06	6.97E-07	-5.13	4.8450996	-1.07E-01	158859224	158859347	NC_000007.13
cg00643814	4.38E-06	6.97E-07	-5.13	4.8450193	-6.77E-02	106573195	106573318	NC_000012.11
cg14006239	4.38E-06	6.97E-07	-5.13	4.8449536	-1.01E-01	133970439	133970562	NC_000009.11
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cg05433889	4.39E-06	6.98E-07	-5.13	4.8427118	-6.22E-02	128291613	128291736	NC_000011.9
cg08243728	4.39E-06	6.98E-07	-5.13	4.8426514	-7.25E-02	45905890	45906013	NC_000019.9

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cg00502509	4.41E-06	7.01E-07	-5.13	4.8391699	-7.28E-02	1956121	1956244	NC_000007.13
cg07531343	4.41E-06	7.01E-07	-5.13	4.8386889	-6.76E-02	135130472	135130595	NC_000002.11
cg06398908	4.41E-06	7.02E-07	-5.13	4.8382083	-1.86E-02	6108864	6108987	NC_000019.9
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ch.2.731300R	4.44E-06	7.06E-07	-5.13	4.8316502	-2.81E-02	29581438	29581561	NC_000002.11
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ch.17.65853408R	4.44E-06	7.07E-07	-5.13	4.8306539	-3.53E-02	68341813	68341936	NC_000017.10
cg01357135	4.44E-06	7.07E-07	-5.13	4.8306027	-1.48E-01	160475128	160475251	NC_000003.11
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cg01973771	4.50E-06	7.17E-07	-5.12	4.8176295	-2.96E-02	2740143	2740266	NC_000019.9
cg01378578	4.50E-06	7.17E-07	-5.12	4.8173164	-1.48E-02	207226824	207226947	NC_000001.10
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cg09256617	4.51E-06	7.18E-07	-5.12	4.8159984	-2.64E-02	44587148	44587271	NC_000011.9



cg27234786	4.51E-06	7.18E-07	-5.12	4.8159818	-6.04E-02	204381404	204381527	NC_000001.10
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cg11682083	4.51E-06	7.19E-07	-5.12	4.8141859	-1.00E-01	172782844	172782967	NC_000005.9
cg14569837	4.51E-06	7.19E-07	-5.12	4.8140949	-1.02E-01	55798206	55798329	NC_000011.9
cg12488585	4.51E-06	7.20E-07	-5.12	4.8137496	-1.04E-01	132434050	132434173	NC_000012.11
cg20124078	4.52E-06	7.20E-07	-5.12	4.8129999	-7.54E-02	129460903	129461026	NC_000012.11
cg20862309	4.52E-06	7.21E-07	-5.12	4.8122601	-7.20E-02	89029074	89029197	NC_000014.8
cg10823658	4.52E-06	7.21E-07	-5.12	4.8119252	-5.19E-02	10919403	10919526	NC_000008.10
cg24010952	4.52E-06	7.21E-07	-5.12	4.8115532	-5.57E-02	96670862	96670985	NC_000014.8
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cg07725198	4.53E-06	7.22E-07	-5.12	4.8109548	-5.95E-02	27229130	27229253	NC_000001.10
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cg27380292	4.53E-06	7.22E-07	-5.12	4.810618	-6.04E-02	20964888	20965011	NC_000013.10
cg25918833	4.53E-06	7.22E-07	-5.12	4.8105287	-9.30E-02	4718962	4719085	NC_000011.9
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cg20919799	4.54E-06	7.24E-07	-5.12	4.8084021	-5.87E-02	2906667	2906790	NC_000011.9

cg05155775	4.54E-06	7.24E-07	-5.12	4.8081313	-9.85E-02	220102434	220102557	NC_000001.10
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cg25796062	4.55E-06	7.26E-07	-5.12	4.8056331	-1.84E-02	127511723	127511846	NC_000010.10
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cg26362605	4.56E-06	7.27E-07	-5.12	4.8039314	-5.99E-02	167653982	167654105	NC_000006.11
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cg05132828	4.56E-06	7.28E-07	-5.12	4.8024342	-1.10E-01	123560479	123560602	NC_000012.11
cg26893451	4.57E-06	7.30E-07	-5.12	4.8004055	-7.81E-02	227679599	227679722	NC_000001.10
cg14384416	4.58E-06	7.30E-07	-5.12	4.8000535	-5.05E-02	193393	193516	NC_000002.11
cg02735962	4.58E-06	7.30E-07	-5.12	4.8000121	-1.04E-01	14740875	14740998	NC_000010.10
cg22647996	4.58E-06	7.30E-07	-5.12	4.7997787	-1.34E-01	141393674	141393797	NC_000005.9
cg25234117	4.58E-06	7.31E-07	-5.12	4.7988955	-8.26E-02	155423168	155423291	NC_000003.11
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cg15606633	4.59E-06	7.32E-07	-5.12	4.7976921	-6.80E-02	130824403	130824526	NC_000012.11
cg21515785	4.59E-06	7.32E-07	-5.12	4.7966981	-8.24E-02	99886768	99886891	NC_000005.9
cg04042468	4.59E-06	7.33E-07	-5.12	4.796433	-1.02E-01	43506033	43506156	NC_000022.10

cg02382532	4.60E-06	7.33E-07	-5.12	4.7954192	-8.32E-02	42110867	42110990	NC_000006.11
cg14765206	4.60E-06	7.34E-07	-5.12	4.7952969	-1.12E-01	101744219	101744342	NC_000010.10
cg14564558	4.60E-06	7.34E-07	-5.12	4.7945168	-1.26E-02	111303128	111303251	NC_000006.11
cg21773820	4.60E-06	7.34E-07	-5.12	4.7944847	-1.19E-01	96497618	96497741	NC_000008.10
cg25539505	4.60E-06	7.34E-07	-5.12	4.7943329	-6.88E-02	95634103	95634226	NC_000005.9
cg12741645	4.60E-06	7.34E-07	-5.12	4.794206	-1.46E-01	89167736	89167859	NC_000015.9
cg08181212	4.60E-06	7.34E-07	-5.12	4.7940701	-7.07E-02	122177231	122177354	NC_000011.9
cg15217978	4.60E-06	7.35E-07	-5.12	4.7937054	-2.39E-02	65343330	65343453	NC_000011.9
cg09577651	4.60E-06	7.35E-07	-5.12	4.7936337	-1.18E-01	1600705	1600828	NC_000020.10
cg10588834	4.61E-06	7.35E-07	-5.12	4.7928789	-1.13E-01	69458326	69458449	NC_000007.13
cg21898708	4.61E-06	7.36E-07	-5.12	4.7925447	-5.21E-02	31802157	31802280	NC_000006.11
cg06649191	4.61E-06	7.36E-07	-5.12	4.7922011	-5.88E-02	42908211	42908334	NC_000017.10
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cg03202034	4.61E-06	7.36E-07	-5.12	4.7914941	-7.21E-02	88730494	88730617	NC_000016.9
cg02658564	4.62E-06	7.37E-07	-5.12	4.7908586	-1.11E-01	3447935	3448058	NC_000004.11
cg13286351	4.62E-06	7.37E-07	-5.12	4.7906026	-2.42E-02	128775699	128775822	NC_000011.9
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ch.2.3753920R	4.62E-06	7.37E-07	-5.12	4.7901365	-2.92E-02	187366017	187366140	NC_000002.11
cg22997177	4.62E-06	7.38E-07	-5.12	4.7898028	-8.38E-02	54070527	54070650	NC_000012.11
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cg13694343	4.63E-06	7.39E-07	-5.12	4.7886912	-9.87E-02	76876206	76876329	NC_000017.10
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cg23973115	4.63E-06	7.39E-07	-5.12	4.7884131	-1.01E-01	62540149	62540272	NC_000010.10

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cg15498283	4.63E-06	7.40E-07	-5.12	4.7873551	-1.81E-02	747520	747643	NC_000011.9
cg02450832	4.63E-06	7.40E-07	-5.12	4.7871052	-1.07E-01	80308154	80308277	NC_000016.9
cg16815882	4.63E-06	7.40E-07	-5.12	4.7869663	-6.59E-02	35908609	35908732	NC_000001.10
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cg17506563	4.64E-06	7.41E-07	-5.12	4.7852643	-8.50E-02	57290756	57290879	NC_000001.10
cg23059355	4.64E-06	7.42E-07	-5.12	4.7846912	-8.23E-02	60994255	60994378	NC_000020.10
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cg06500476	4.67E-06	7.45E-07	-5.12	4.7796985	-8.11E-02	37584954	37585077	NC_000004.11
cg17498102	4.67E-06	7.46E-07	-5.12	4.7796298	-2.38E-02	71108199	71108322	NC_000014.8
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cg15766591	4.69E-06	7.49E-07	-5.11	4.7750824	-7.92E-02	85664771	85664894	NC_000002.11
cg16673477	4.69E-06	7.49E-07	-5.11	4.7750091	-1.41E-01	18812017	18812140	NC_000019.9
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cg03144560	4.69E-06	7.49E-07	-5.11	4.7744869	-4.94E-02	55043299	55043422	NC_000020.10
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cg07122006	4.69E-06	7.50E-07	-5.11	4.7740802	-8.96E-02	54733223	54733346	NC_000007.13
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cg16151362	4.70E-06	7.51E-07	-5.11	4.7728718	-1.29E-01	167508053	167508176	NC_000006.11
cg24866363	4.70E-06	7.51E-07	-5.11	4.7728326	-1.32E-01	80050837	80050960	NC_000005.9
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cg07357683	4.70E-06	7.51E-07	-5.11	4.7725566	-7.71E-02	52479630	52479753	NC_000003.11

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cg19947621	4.70E-06	7.52E-07	-5.11	4.7716713	-5.71E-02	34263021	34263144	NC_000009.11
cg10052118	4.70E-06	7.52E-07	-5.11	4.7714294	-5.63E-02	53499747	53499870	NC_000017.10
cg02943194	4.71E-06	7.53E-07	-5.11	4.7703159	-3.87E-02	49754491	49754614	NC_000003.11
cg02605306	4.71E-06	7.53E-07	-5.11	4.7702728	-4.98E-02	1243447	1243570	NC_000016.9
cg22146612	4.71E-06	7.53E-07	-5.11	4.770002	-8.62E-02	17715219	17715342	NC_000006.11
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cg16326590	4.71E-06	7.53E-07	-5.11	4.7695879	-1.20E-01	98704858	98704981	NC_000002.11
cg18286850	4.71E-06	7.54E-07	-5.11	4.7689286	-1.09E-01	133464713	133464836	NC_000003.11
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cg21431041	4.71E-06	7.54E-07	-5.11	4.7686905	-6.36E-02	162272536	162272659	NC_000002.11
cg20014063	4.71E-06	7.54E-07	-5.11	4.7684925	-1.03E-01	65005951	65006074	NC_000014.8
cg06040034	4.72E-06	7.54E-07	-5.11	4.7680531	-1.19E-01	1618448	1618571	NC_000008.10
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cg14777519	4.72E-06	7.56E-07	-5.11	4.76665	-8.48E-02	47890012	47890135	NC_000003.11
cg13511885	4.73E-06	7.57E-07	-5.11	4.7651301	-1.03E-01	128594740	128594863	NC_000003.11
cg03807330	4.73E-06	7.57E-07	-5.11	4.7650058	-8.13E-02	76327232	76327355	NC_000011.9
cg10654496	4.73E-06	7.57E-07	-5.11	4.7647106	-2.99E-02	118609261	118609384	NC_000010.10
cg17284149	4.73E-06	7.57E-07	-5.11	4.7646031	-4.06E-02	32138270	32138393	NC_000006.11
cg21149266	4.73E-06	7.57E-07	-5.11	4.7642518	-1.32E-01	59146882	59147005	NC_000015.9
cg09259235	4.74E-06	7.58E-07	-5.11	4.7637791	-9.32E-02	128110754	128110877	NC_000010.10
cg05976571	4.74E-06	7.58E-07	-5.11	4.7637342	-7.39E-02	44474732	44474855	NC_000021.8

cg01964337	4.74E-06	7.58E-07	-5.11	4.7630218	-9.49E-02	105104782	105104905	NC_000012.11
cg19873631	4.74E-06	7.59E-07	-5.11	4.7620519	-4.34E-02	57509844	57509967	NC_000011.9
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cg01882395	4.75E-06	7.60E-07	-5.11	4.7612115	-4.67E-02	43717810	43717933	NC_000017.10
cg25204360	4.75E-06	7.60E-07	-5.11	4.7611883	-4.78E-02	66033178	66033301	NC_000008.10
cg16356013	4.75E-06	7.60E-07	-5.11	4.76096	-7.00E-02	134722079	134722202	NC_000005.9
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cg08508041	4.75E-06	7.61E-07	-5.11	4.7602098	-3.46E-02	172959675	172959798	NC_000002.11
cg02642117	4.75E-06	7.61E-07	-5.11	4.7600882	-1.07E-01	21033836	21033959	NC_000006.11
cg19575753	4.75E-06	7.61E-07	-5.11	4.7600827	-1.13E-01	1948995	1949118	NC_000005.9
cg19763230	4.75E-06	7.61E-07	-5.11	4.7599413	-4.73E-02	49623634	49623757	NC_000019.9
cg09657136	4.75E-06	7.61E-07	-5.11	4.7598544	-4.84E-02	67350663	67350786	NC_000011.9
cg09049566	4.76E-06	7.61E-07	-5.11	4.7594672	-2.38E-02	132165605	132165728	NC_000005.9
cg20094462	4.76E-06	7.61E-07	-5.11	4.7593862	-8.74E-02	848071	848194	NC_000019.9
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cg02096172	4.76E-06	7.63E-07	-5.11	4.7576201	-9.10E-02	6894163	6894286	NC_000006.11
cg00196474	4.76E-06	7.63E-07	-5.11	4.7575562	-2.84E-02	71702735	71702858	NC_000003.11
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cg04973418	4.77E-06	7.63E-07	-5.11	4.7572475	-5.27E-02	95468544	95468667	NC_000012.11
cg04467334	4.77E-06	7.64E-07	-5.11	4.7561376	-8.94E-02	6291927	6292050	NC_000011.9
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cg27586596	4.77E-06	7.64E-07	-5.11	4.7554105	-1.08E-01	41426609	41426732	NC_000007.13
cg20902195	4.78E-06	7.65E-07	-5.11	4.7550391	-1.31E-02	7383333	7383456	NC_000017.10

cg13832457	4.78E-06	7.65E-07	-5.11	4.754985	-5.57E-02	590072	590195	NC_000007.13
cg25012274	4.78E-06	7.65E-07	-5.11	4.7547295	-9.88E-02	9130163	9130286	NC_000017.10
cg03314569	4.78E-06	7.66E-07	-5.11	4.7536718	-8.12E-02	32041732	32041855	NC_000001.10
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cg10970124	4.78E-06	7.66E-07	-5.11	4.7529902	-4.82E-02	31634602	31634725	NC_000006.11
cg16722931	4.79E-06	7.66E-07	-5.11	4.7528472	-1.18E-01	75312494	75312617	NC_000017.10
cg23656161	4.79E-06	7.67E-07	-5.11	4.7527273	-8.78E-02	17847424	17847547	NC_000022.10
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cg06931327	4.79E-06	7.67E-07	-5.11	4.7522138	-2.96E-02	95297900	95298023	NC_000005.9
cg03169131	4.79E-06	7.67E-07	-5.11	4.752148	-7.59E-02	73917942	73918065	NC_000008.10
cg12801917	4.79E-06	7.68E-07	-5.11	4.7511728	-1.09E-01	15417503	15417626	NC_000017.10
cg15981982	4.79E-06	7.68E-07	-5.11	4.7511212	-8.44E-02	8685837	8685960	NC_000002.11
cg16615058	4.79E-06	7.68E-07	-5.11	4.7510591	-2.84E-02	31161005	31161128	NC_000016.9
cg08300252	4.80E-06	7.68E-07	-5.11	4.750615	-1.17E-01	169692731	169692854	NC_000006.11
cg13459217	4.80E-06	7.68E-07	-5.11	4.7504365	-5.20E-02	205326437	205326560	NC_000001.10
cg20095628	4.80E-06	7.68E-07	-5.11	4.7502574	-9.38E-02	23572214	23572337	NC_000010.10
cg15924570	4.80E-06	7.69E-07	-5.11	4.7494301	-8.33E-02	1144724	1144847	NC_000001.10
cg11067786	4.80E-06	7.69E-07	-5.11	4.749375	-7.19E-02	74780467	74780590	NC_000002.11
cg10791541	4.80E-06	7.70E-07	-5.11	4.7488878	-1.04E-01	55040617	55040740	NC_000003.11
cg08459087	4.81E-06	7.70E-07	-5.11	4.7483799	-2.56E-02	45003643	45003766	NC_000015.9
cg06818582	4.81E-06	7.70E-07	-5.11	4.7483506	-8.95E-02	67286903	67287026	NC_000015.9
cg16361543	4.81E-06	7.70E-07	-5.11	4.747746	-5.12E-02	1299372	1299495	NC_000011.9
cg08830758	4.81E-06	7.70E-07	-5.11	4.7477346	-7.96E-02	15374175	15374298	NC_000012.11
cg12355887	4.81E-06	7.71E-07	-5.11	4.7469359	-8.12E-02	172305927	172306050	NC_000005.9
cg26353484	4.81E-06	7.71E-07	-5.11	4.7468751	-1.01E-02	128903088	128903211	NC_000003.11



cg14778711	4.82E-06	7.72E-07	-5.11	4.7459933	-4.26E-02	42845753	42845876	NC_000001.10
cg09277532	4.82E-06	7.72E-07	-5.11	4.7453425	-1.55E-01	57571578	57571701	NC_000016.9
cg11401278	4.82E-06	7.72E-07	-5.11	4.7452989	-1.03E-01	2140096	2140219	NC_000011.9
ch.3.1075622R	4.82E-06	7.73E-07	-5.11	4.7451046	-1.55E-02	50010873	50010996	NC_000003.11
cg02522952	4.82E-06	7.73E-07	-5.11	4.7450829	-1.81E-02	119671260	119671383	NC_000006.11
cg02351406	4.82E-06	7.73E-07	-5.11	4.7448397	-1.20E-01	101447389	101447512	NC_000014.8
cg09888012	4.82E-06	7.73E-07	-5.11	4.7444386	-9.03E-02	234861409	234861532	NC_000001.10
cg15209885	4.83E-06	7.74E-07	-5.11	4.7438765	-6.10E-02	77753199	77753322	NC_000017.10
cg22307974	4.83E-06	7.74E-07	-5.11	4.7437049	-9.31E-02	46768111	46768234	NC_000002.11
cg11653966	4.83E-06	7.74E-07	-5.11	4.7433182	-9.48E-02	24328593	24328716	NC_000007.13
cg03620551	4.83E-06	7.74E-07	-5.11	4.7431583	-1.61E-02	128886807	128886930	NC_000004.11
cg08679013	4.83E-06	7.74E-07	-5.11	4.7429051	-7.73E-02	12997997	12998120	NC_000019.9
cg24664855	4.83E-06	7.75E-07	-5.11	4.7426727	-6.69E-02	161676266	161676389	NC_000001.10
cg22138278	4.83E-06	7.75E-07	-5.11	4.7424574	-1.80E-02	145158307	145158430	NC_000008.10
cg20300032	4.83E-06	7.75E-07	-5.11	4.7424362	-1.53E-02	12186105	12186228	NC_000012.11
cg06469440	4.83E-06	7.75E-07	-5.11	4.7424156	-6.43E-02	1000336	1000459	NC_000007.13
cg23621779	4.83E-06	7.75E-07	-5.11	4.7421364	-2.67E-02	30658957	30659080	NC_000006.11
cg12454419	4.83E-06	7.75E-07	-5.11	4.7419934	-2.52E-02	77135195	77135318	NC_000004.11
cg16197636	4.84E-06	7.76E-07	-5.11	4.7410611	-7.89E-02	42234724	42234847	NC_000008.10
cg22997252	4.84E-06	7.76E-07	-5.11	4.7407432	-3.18E-02	11643842	11643965	NC_000011.9
cg14270590	4.84E-06	7.76E-07	-5.11	4.7406603	-9.64E-02	105499706	105499829	NC_000014.8
cg21184806	4.85E-06	7.77E-07	-5.11	4.7396811	-5.17E-02	34921399	34921522	NC_000022.10
cg23931049	4.85E-06	7.78E-07	-5.11	4.7388637	-1.01E-01	21452730	21452853	NC_000018.9
cg13906416	4.85E-06	7.78E-07	-5.11	4.7377769	-1.91E-02	45147440	45147563	NC_000019.9
cg12030298	4.86E-06	7.79E-07	-5.11	4.7374177	-9.79E-02	62532039	62532162	NC_000015.9

cg05093711	4.86E-06	7.79E-07	-5.11	4.7373675	-1.31E-02	10674008	10674131	NC_000016.9
cg24303698	4.86E-06	7.79E-07	-5.11	4.7371759	-1.70E-02	46367351	46367474	NC_000019.9
cg00863893	4.86E-06	7.80E-07	-5.11	4.7362228	-8.92E-02	76876239	76876362	NC_000017.10
cg24024036	4.86E-06	7.80E-07	-5.11	4.7361686	-5.51E-02	170101082	170101205	NC_000004.11
cg13225039	4.86E-06	7.80E-07	-5.11	4.7361488	-2.67E-02	1722160	1722283	NC_000004.11
cg06683723	4.86E-06	7.80E-07	-5.11	4.7359812	-6.57E-02	80816995	80817118	NC_000017.10
cg06840042	4.86E-06	7.80E-07	-5.11	4.7359684	-2.82E-02	12598618	12598741	NC_000003.11
cg08743776	4.86E-06	7.80E-07	-5.11	4.7358997	-2.99E-02	67572988	67573111	NC_000011.9
cg14945937	4.86E-06	7.80E-07	-5.11	4.7356204	-1.33E-01	30162771	30162894	NC_000019.9
cg25518824	4.86E-06	7.80E-07	-5.11	4.7355139	-6.75E-02	7819783	7819906	NC_000017.10
cg02571142	4.87E-06	7.81E-07	-5.11	4.7348962	-8.01E-02	42234803	42234926	NC_000008.10
cg14422240	4.87E-06	7.81E-07	-5.11	4.7341065	-6.54E-02	37425031	37425154	NC_000006.11
cg11760342	4.87E-06	7.81E-07	-5.11	4.7340982	-6.19E-02	183290122	183290245	NC_000004.11
cg02706273	4.87E-06	7.81E-07	-5.11	4.7340228	-5.80E-02	8947967	8948090	NC_000016.9
cg00368022	4.88E-06	7.82E-07	-5.1	4.7327811	-9.82E-03	31532653	31532776	NC_000005.9
cg25339552	4.88E-06	7.83E-07	-5.1	4.7325894	-1.32E-02	33165499	33165622	NC_000019.9
cg23641899	4.88E-06	7.83E-07	-5.1	4.732259	-7.09E-02	32061318	32061441	NC_000006.11
cg23381664	4.88E-06	7.83E-07	-5.1	4.732076	-3.70E-02	33281712	33281835	NC_000006.11
cg03251655	4.88E-06	7.83E-07	-5.1	4.7320148	-1.29E-01	33759512	33759635	NC_000017.10
cg24077454	4.89E-06	7.84E-07	-5.1	4.7305827	-2.39E-02	119134782	119134905	NC_000010.10
cg24115019	4.89E-06	7.84E-07	-5.1	4.7303753	-9.99E-02	167899230	167899353	NC_000005.9
cg00793450	4.89E-06	7.85E-07	-5.1	4.7300972	-4.54E-02	22697620	22697743	NC_000012.11
cg05575505	4.89E-06	7.85E-07	-5.1	4.7298099	-8.50E-02	101262162	101262285	NC_000015.9
cg19752896	4.89E-06	7.85E-07	-5.1	4.7296738	-3.07E-02	46174395	46174518	NC_000019.9
cg00908323	4.89E-06	7.85E-07	-5.1	4.729509	-1.08E-01	131501353	131501476	NC_000002.11

cg13646917	4.89E-06	7.85E-07	-5.1	4.7294017	-4.36E-02	48001761	48001884	NC_000011.9
cg19835040	4.89E-06	7.85E-07	-5.1	4.7293844	-5.90E-02	46538742	46538865	NC_000003.11
cg17001627	4.89E-06	7.85E-07	-5.1	4.7293336	-6.13E-02	47599391	47599514	NC_000011.9
cg21537623	4.90E-06	7.86E-07	-5.1	4.728659	-3.43E-02	100113388	100113511	NC_000007.13
cg15957807	4.90E-06	7.86E-07	-5.1	4.7286489	-8.45E-02	157682848	157682971	NC_000004.11
cg26863600	4.90E-06	7.86E-07	-5.1	4.7286417	-1.00E-01	2616921	2617044	NC_000019.9
cg03162779	4.90E-06	7.86E-07	-5.1	4.7285289	-1.28E-01	2308362	2308485	NC_000011.9
cg07760161	4.90E-06	7.86E-07	-5.1	4.7284913	-9.61E-02	7588378	7588501	NC_000017.10
cg25256661	4.90E-06	7.86E-07	-5.1	4.7283615	-2.11E-02	7137939	7138062	NC_000017.10
cg21710066	4.90E-06	7.86E-07	-5.1	4.7279262	-8.22E-02	474967	475090	NC_000006.11
cg07948085	4.90E-06	7.87E-07	-5.1	4.727114	-1.01E-01	9805340	9805463	NC_000010.10
cg16012690	4.90E-06	7.87E-07	-5.1	4.7270644	-6.95E-02	46314809	46314932	NC_000011.9
cg14540297	4.90E-06	7.87E-07	-5.1	4.7268967	-1.32E-02	87597473	87597596	NC_000001.10
cg19378416	4.91E-06	7.88E-07	-5.1	4.7262971	-8.12E-02	80372775	80372898	NC_000017.10
cg07564598	4.91E-06	7.88E-07	-5.1	4.7262619	-1.23E-01	25619946	25620069	NC_000017.10
cg14555988	4.91E-06	7.88E-07	-5.1	4.7262463	-2.39E-02	42623559	42623682	NC_000013.10
cg21969884	4.91E-06	7.88E-07	-5.1	4.7260531	-4.26E-02	83007744	83007867	NC_000006.11
cg00698263	4.91E-06	7.89E-07	-5.1	4.7250062	-4.89E-02	78962984	78963107	NC_000017.10
cg07225547	4.91E-06	7.89E-07	-5.1	4.724484	-2.66E-02	211035530	211035653	NC_000002.11
cg08362589	4.92E-06	7.89E-07	-5.1	4.7243108	-3.87E-02	88017886	88018009	NC_000016.9
cg03711457	4.92E-06	7.90E-07	-5.1	4.7236893	-6.06E-02	113746831	113746954	NC_000011.9
cg06547766	4.92E-06	7.90E-07	-5.1	4.7236802	-1.19E-01	187930704	187930827	NC_000003.11
cg18527276	4.92E-06	7.90E-07	-5.1	4.7236483	-6.28E-02	134106619	134106742	NC_000010.10
cg02077084	4.92E-06	7.90E-07	-5.1	4.7232331	-1.05E-01	248549941	248550064	NC_000001.10
cg06676233	4.92E-06	7.91E-07	-5.1	4.722867	-2.52E-02	182758699	182758822	NC_000001.10

cg02896705	4.93E-06	7.91E-07	-5.1	4.7218532	-5.37E-02	18112042	18112165	NC_000019.9
cg03684807	4.93E-06	7.92E-07	-5.1	4.7208723	-1.26E-01	46457384	46457507	NC_000022.10
cg14330516	4.93E-06	7.92E-07	-5.1	4.7205889	-4.48E-02	235701380	235701503	NC_000002.11
cg08584061	4.93E-06	7.92E-07	-5.1	4.7204996	-9.39E-02	22718926	22719049	NC_000019.9
cg02315187	4.94E-06	7.94E-07	-5.1	4.7188015	-6.20E-02	46317913	46318036	NC_000021.8
cg09649245	4.95E-06	7.95E-07	-5.1	4.7176543	-2.50E-02	44332195	44332318	NC_000011.9
cg07169637	4.95E-06	7.95E-07	-5.1	4.7175817	-1.12E-01	103530461	103530584	NC_000008.10
cg23978357	4.95E-06	7.96E-07	-5.1	4.7168212	-6.66E-02	69490378	69490501	NC_000011.9
cg16904585	4.95E-06	7.96E-07	-5.1	4.7167989	-5.35E-02	10276119	10276242	NC_000016.9
cg26243109	4.95E-06	7.96E-07	-5.1	4.7163119	-5.58E-02	50218922	50219045	NC_000005.9
cg19338844	4.95E-06	7.96E-07	-5.1	4.7163077	-1.94E-02	105880883	105881006	NC_000010.10
cg20415517	4.96E-06	7.96E-07	-5.1	4.7158015	-1.60E-01	1444768	1444891	NC_000011.9
cg03586379	4.96E-06	7.97E-07	-5.1	4.7155029	-2.71E-02	140660603	140660726	NC_000003.11
cg21640432	4.96E-06	7.97E-07	-5.1	4.7152536	-9.60E-02	35939561	35939684	NC_000019.9
cg13373406	4.97E-06	7.98E-07	-5.1	4.7133578	-4.56E-02	151150340	151150463	NC_000005.9
cg19640007	4.97E-06	7.98E-07	-5.1	4.7132667	-1.15E-01	146600771	146600894	NC_000004.11
cg07670566	4.97E-06	7.99E-07	-5.1	4.7130495	-7.81E-02	139837659	139837782	NC_000009.11
cg16002441	4.97E-06	7.99E-07	-5.1	4.7126253	-4.98E-02	49621646	49621769	NC_000019.9
cg15363487	4.97E-06	7.99E-07	-5.1	4.7121523	-5.46E-02	17270592	17270715	NC_000010.10
cg14436231	4.98E-06	8.00E-07	-5.1	4.7109885	-9.33E-02	3563641	3563764	NC_000017.10
cg01461211	4.98E-06	8.01E-07	-5.1	4.7102872	-7.93E-02	85478908	85479031	NC_000016.9
cg20929733	4.98E-06	8.01E-07	-5.1	4.7102552	-4.11E-02	1572082	1572205	NC_000001.10
cg10094624	4.98E-06	8.01E-07	-5.1	4.7098391	-3.44E-02	18813259	18813382	NC_000016.9
cg00766985	4.99E-06	8.02E-07	-5.1	4.7092956	-1.20E-02	69745212	69745335	NC_000015.9
cg07856138	4.99E-06	8.02E-07	-5.1	4.7084364	-1.31E-01	29673465	29673588	NC_000016.9

cg23164327	4.99E-06	8.02E-07	-5.1	4.7084046	-1.80E-02	40755670	40755793	NC_000005.9
cg00929635	4.99E-06	8.02E-07	-5.1	4.7083666	-8.67E-02	44035918	44036041	NC_000020.10
cg20378070	4.99E-06	8.03E-07	-5.1	4.7079664	-9.46E-02	30641179	30641302	NC_000006.11
cg00177431	4.99E-06	8.03E-07	-5.1	4.7079384	-1.14E-01	56272862	56272985	NC_000020.10
cg16913361	4.99E-06	8.03E-07	-5.1	4.7078486	-6.38E-02	3250226	3250349	NC_000004.11
cg25803977	4.99E-06	8.03E-07	-5.1	4.7077387	-7.00E-02	143820035	143820158	NC_000008.10
cg04132452	5.00E-06	8.03E-07	-5.1	4.7073127	-1.23E-01	160475035	160475158	NC_000003.11
cg13481776	5.00E-06	8.03E-07	-5.1	4.7072233	-1.02E-01	233320593	233320716	NC_000002.11
cg04117986	5.00E-06	8.04E-07	-5.1	4.7070078	-6.17E-02	149517768	149517891	NC_000005.9
cg18507365	5.00E-06	8.04E-07	-5.1	4.7068462	-5.84E-02	78871502	78871625	NC_000010.10
cg05642873	5.00E-06	8.04E-07	-5.1	4.7066008	-2.88E-02	202858370	202858493	NC_000001.10
cg04983349	5.00E-06	8.04E-07	-5.1	4.7061623	-1.01E-01	80381447	80381570	NC_000006.11
cg14446979	5.00E-06	8.04E-07	-5.1	4.7060678	-5.79E-02	97841071	97841194	NC_000007.13
cg13594432	5.01E-06	8.05E-07	-5.1	4.7049088	-1.04E-02	23451963	23452086	NC_000014.8
cg18967361	5.01E-06	8.05E-07	-5.1	4.7047971	-1.64E-02	245319978	245320101	NC_000001.10
cg17231677	5.01E-06	8.06E-07	-5.1	4.7044143	-8.08E-02	102671993	102672116	NC_000010.10
cg26020982	5.01E-06	8.06E-07	-5.1	4.7043807	-1.08E-01	152196106	152196229	NC_000001.10
ch.9.2223115R	5.01E-06	8.06E-07	-5.1	4.7038372	-7.90E-02	2233115	2233238	NC_000009.11
cg13937758	5.02E-06	8.07E-07	-5.1	4.7031986	-8.33E-02	150217448	150217571	NC_000006.11
ch.5.2558853F	5.02E-06	8.07E-07	-5.1	4.7031435	-1.65E-02	138115063	138115186	NC_000005.9
ch.15.1556816R	5.02E-06	8.07E-07	-5.1	4.702922	-1.20E-02	90750492	90750615	NC_000015.9
cg09040942	5.02E-06	8.07E-07	-5.1	4.7025541	-1.15E-01	158060003	158060126	NC_000007.13
cg05259881	5.02E-06	8.08E-07	-5.1	4.7021753	-1.01E-01	49631268	49631391	NC_000016.9
cg22984992	5.02E-06	8.08E-07	-5.1	4.7020004	-4.97E-02	13056423	13056546	NC_000019.9
cg14170793	5.02E-06	8.08E-07	-5.1	4.7018502	-8.51E-02	229524651	229524774	NC_000001.10

cg27640988	5.02E-06	8.08E-07	-5.1	4.7017899	-5.22E-02	86850406	86850529	NC_000002.11
cg00834536	5.03E-06	8.09E-07	-5.1	4.7006075	-9.89E-02	4013537	4013660	NC_000016.9
cg07292311	5.03E-06	8.09E-07	-5.1	4.7006066	-7.60E-02	124702221	124702344	NC_000012.11
cg27069921	5.03E-06	8.09E-07	-5.1	4.7003987	-1.08E-01	54523727	54523850	NC_000005.9
cg06604058	5.03E-06	8.10E-07	-5.1	4.6990838	-3.27E-02	63448992	63449115	NC_000011.9
cg27134767	5.04E-06	8.10E-07	-5.1	4.6988526	-6.94E-02	89713339	89713462	NC_000016.9
cg06700226	5.04E-06	8.11E-07	-5.1	4.6981227	-8.61E-02	5198019	5198142	NC_000012.11
cg06195193	5.04E-06	8.12E-07	-5.1	4.6973306	-6.58E-02	20741008	20741131	NC_000013.10
cg07325168	5.05E-06	8.12E-07	-5.1	4.6966602	-7.71E-02	38949140	38949263	NC_000007.13
cg04690793	5.05E-06	8.12E-07	-5.1	4.6966482	-4.87E-02	34723390	34723513	NC_000006.11
cg24802745	5.05E-06	8.13E-07	-5.1	4.6962846	-7.95E-02	1029654	1029777	NC_000004.11
cg10353388	5.05E-06	8.13E-07	-5.1	4.6959822	-3.39E-02	93474820	93474943	NC_000011.9
cg15573846	5.05E-06	8.13E-07	-5.1	4.6959588	-4.04E-02	126152723	126152846	NC_000011.9
cg27132391	5.05E-06	8.13E-07	-5.1	4.6958634	-1.03E-01	6341850	6341973	NC_000011.9
cg16093537	5.05E-06	8.13E-07	-5.1	4.6958549	-6.00E-02	81924880	81925003	NC_000010.10
cg05102770	5.05E-06	8.13E-07	-5.1	4.6955006	-4.52E-02	4806869	4806992	NC_000007.13
cg15835339	5.05E-06	8.13E-07	-5.1	4.6954115	-1.07E-01	10828105	10828228	NC_000010.10
cg14610973	5.05E-06	8.13E-07	-5.1	4.6953941	-1.21E-02	10600687	10600810	NC_000017.10
cg17574050	5.05E-06	8.13E-07	-5.1	4.6953885	-7.42E-02	151120070	151120193	NC_000005.9
cg02588283	5.05E-06	8.13E-07	-5.1	4.6953643	-6.78E-02	93954346	93954469	NC_000007.13
cg17342247	5.05E-06	8.13E-07	-5.1	4.6952701	-5.88E-02	3540594	3540717	NC_000017.10
cg13692476	5.05E-06	8.14E-07	-5.1	4.695092	-6.29E-02	101088828	101088951	NC_000010.10
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cg19811934	5.05E-06	8.14E-07	-5.1	4.6948193	-1.17E-01	92927763	92927886	NC_000014.8

cg05251190	5.06E-06	8.14E-07	-5.1	4.694399	-8.89E-02	104196206	104196329	NC_000010.10
cg23053961	5.07E-06	8.16E-07	-5.1	4.6925508	-8.97E-02	4300432	4300555	NC_000009.11
cg20415811	5.07E-06	8.16E-07	-5.1	4.6924537	-5.68E-02	74700246	74700369	NC_000002.11
cg13250566	5.07E-06	8.16E-07	-5.1	4.6922529	-8.28E-02	40799848	40799971	NC_000017.10
cg12451679	5.07E-06	8.16E-07	-5.1	4.692166	-3.05E-02	47617189	47617312	NC_000019.9
cg08861404	5.07E-06	8.16E-07	-5.1	4.69212	-9.74E-02	51670315	51670438	NC_000019.9
cg04168554	5.07E-06	8.17E-07	-5.1	4.691232	-8.83E-02	572062	572185	NC_000016.9
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cg27432036	5.08E-06	8.19E-07	-5.1	4.6890798	-4.72E-02	7382829	7382952	NC_000017.10
cg03778035	5.09E-06	8.19E-07	-5.1	4.6884596	-2.20E-02	32821992	32822115	NC_000006.11
cg16269010	5.09E-06	8.19E-07	-5.1	4.6883756	-7.57E-02	24475786	24475909	NC_000013.10
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cg13133987	5.09E-06	8.20E-07	-5.09	4.6874831	-5.32E-02	35289677	35289800	NC_000017.10
cg11750116	5.09E-06	8.20E-07	-5.09	4.6871264	-1.54E-02	155057442	155057565	NC_000001.10
cg23422060	5.09E-06	8.21E-07	-5.09	4.6865598	-1.51E-02	43916508	43916631	NC_000021.8
cg04361749	5.10E-06	8.21E-07	-5.09	4.6863323	-7.17E-02	240980455	240980578	NC_000002.11
cg07865418	5.10E-06	8.21E-07	-5.09	4.6859284	-1.09E-01	6411408	6411531	NC_000005.9
cg06935438	5.10E-06	8.22E-07	-5.09	4.6856787	-6.02E-02	4116989	4117112	NC_000009.11
cg24376636	5.10E-06	8.22E-07	-5.09	4.6856212	-5.62E-02	3828008	3828131	NC_000017.10
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cg18393172	5.10E-06	8.22E-07	-5.09	4.6855487	-8.16E-02	58837257	58837380	NC_000019.9
cg07213720	5.10E-06	8.22E-07	-5.09	4.685045	-2.81E-02	35227408	35227531	NC_000006.11
cg11792874	5.10E-06	8.22E-07	-5.09	4.6850435	-7.54E-02	24014501	24014624	NC_000014.8

cg11710912	5.10E-06	8.23E-07	-5.09	4.6844953	-4.98E-02	107217605	107217728	NC_000013.10
cg06618968	5.11E-06	8.23E-07	-5.09	4.68406	-2.10E-02	152373420	152373543	NC_000007.13
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cg18918116	5.11E-06	8.24E-07	-5.09	4.6827655	-8.44E-02	7326990	7327113	NC_000011.9
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cg16364467	5.12E-06	8.26E-07	-5.09	4.6807003	-3.47E-02	22236519	22236642	NC_000014.8
cg26567344	5.12E-06	8.26E-07	-5.09	4.6805219	-6.44E-02	102077183	102077306	NC_000015.9
cg18224729	5.12E-06	8.26E-07	-5.09	4.6803729	-1.25E-01	57559066	57559189	NC_000011.9
cg07158339	5.13E-06	8.27E-07	-5.09	4.6797092	-6.21E-02	71650237	71650360	NC_000009.11
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cg19009417	5.13E-06	8.27E-07	-5.09	4.6790955	-7.87E-02	86004704	86004827	NC_000010.10
cg04267101	5.13E-06	8.27E-07	-5.09	4.678908	-5.93E-02	48619037	48619160	NC_000017.10
cg00108098	5.14E-06	8.28E-07	-5.09	4.6779236	-9.66E-02	122637664	122637787	NC_000003.11
cg22546775	5.14E-06	8.28E-07	-5.09	4.677784	-7.90E-02	66697281	66697404	NC_000012.11
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cg26413192	5.15E-06	8.30E-07	-5.09	4.6759198	-1.07E-01	80076484	80076607	NC_000010.10
cg00115149	5.15E-06	8.31E-07	-5.09	4.6747215	-9.87E-02	111735487	111735610	NC_000010.10
cg04167844	5.16E-06	8.32E-07	-5.09	4.6739267	-3.00E-02	27250204	27250327	NC_000007.13
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cg14365100	5.16E-06	8.32E-07	-5.09	4.6736781	-2.76E-02	113932889	113933012	NC_000001.10
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cg25802430	5.16E-06	8.33E-07	-5.09	4.6723011	-2.28E-02	112641397	112641520	NC_000002.11
cg20848619	5.17E-06	8.33E-07	-5.09	4.6722518	-1.96E-02	99070472	99070595	NC_000007.13



cg12585914	5.17E-06	8.33E-07	-5.09	4.6718058	-1.58E-02	14530184	14530307	NC_000019.9
cg25734789	5.17E-06	8.34E-07	-5.09	4.6712996	-2.02E-02	128775685	128775808	NC_000011.9
cg07141622	5.17E-06	8.34E-07	-5.09	4.6711229	-3.26E-02	70193793	70193916	NC_000014.8
cg19516825	5.17E-06	8.34E-07	-5.09	4.6711171	-5.15E-02	48686777	48686900	NC_000019.9
cg20418529	5.17E-06	8.34E-07	-5.09	4.6707822	-1.31E-01	166260012	166260135	NC_000006.11
cg03478719	5.17E-06	8.34E-07	-5.09	4.6706614	-5.93E-02	126127116	126127239	NC_000009.11
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cg19465605	5.17E-06	8.35E-07	-5.09	4.670377	-8.10E-02	91770229	91770352	NC_000014.8
cg00539716	5.18E-06	8.35E-07	-5.09	4.6697507	-1.99E-02	48541921	48542044	NC_000002.11
cg12805450	5.18E-06	8.36E-07	-5.09	4.6691763	-7.68E-02	129838865	129838988	NC_000002.11
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cg04203702	5.19E-06	8.37E-07	-5.09	4.6678815	-6.73E-02	11369349	11369472	NC_000004.11
cg08682153	5.19E-06	8.38E-07	-5.09	4.6670174	-1.19E-01	139223811	139223934	NC_000005.9
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cg01515960	5.20E-06	8.38E-07	-5.09	4.6660851	-8.57E-02	2494587	2494710	NC_000019.9
cg10516117	5.20E-06	8.38E-07	-5.09	4.665951	-5.61E-02	1656147	1656270	NC_000017.10
cg04231042	5.20E-06	8.39E-07	-5.09	4.665487	-6.30E-02	54729555	54729678	NC_000004.11
cg01966335	5.20E-06	8.39E-07	-5.09	4.6652178	-1.54E-02	134369605	134369728	NC_000005.9
cg18084554	5.20E-06	8.40E-07	-5.09	4.6642908	-9.09E-02	929046	929169	NC_000019.9
cg07516958	5.21E-06	8.41E-07	-5.09	4.6633525	-9.38E-02	57536159	57536282	NC_000005.9
cg16285946	5.21E-06	8.41E-07	-5.09	4.662622	-1.30E-01	906799	906922	NC_000007.13

cg02369766	5.21E-06	8.41E-07	-5.09	4.6626162	-1.31E-01	600978	601101	NC_000005.9
cg06616081	5.21E-06	8.42E-07	-5.09	4.6622278	-7.20E-02	77336938	77337061	NC_000015.9
cg06256856	5.22E-06	8.42E-07	-5.09	4.6613741	-8.54E-02	71071560	71071683	NC_000016.9
cg22936990	5.22E-06	8.43E-07	-5.09	4.6612155	-8.83E-02	143505292	143505415	NC_000005.9
cg20728105	5.22E-06	8.43E-07	-5.09	4.6612097	-4.38E-02	12610689	12610812	NC_000007.13
cg09695033	5.22E-06	8.43E-07	-5.09	4.660422	-1.10E-01	29337988	29338111	NC_000002.11
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cg24150244	5.23E-06	8.44E-07	-5.09	4.6594679	-8.15E-02	28402098	28402221	NC_000022.10
cg14281592	5.23E-06	8.44E-07	-5.09	4.6593574	-1.04E-01	129884313	129884436	NC_000009.11
cg23517743	5.23E-06	8.44E-07	-5.09	4.6592215	-1.05E-01	238623585	238623708	NC_000002.11
cg15668074	5.23E-06	8.45E-07	-5.09	4.6586885	-5.13E-02	16256627	16256750	NC_000022.10
cg03591499	5.23E-06	8.45E-07	-5.09	4.6584958	-5.78E-02	16555620	16555743	NC_000003.11
cg06280512	5.24E-06	8.45E-07	-5.09	4.6580247	-1.61E-02	47217267	47217390	NC_000019.9
cg21222007	5.24E-06	8.45E-07	-5.09	4.6579428	-7.18E-02	38055200	38055323	NC_000009.11
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cg26031288	5.24E-06	8.46E-07	-5.09	4.6571108	-1.03E-01	40787015	40787138	NC_000007.13
cg12975470	5.24E-06	8.46E-07	-5.09	4.6568841	-4.08E-02	1533824	1533947	NC_000007.13
cg25692785	5.24E-06	8.46E-07	-5.09	4.6568285	-6.33E-02	32023996	32024119	NC_000003.11
cg20272423	5.24E-06	8.47E-07	-5.09	4.6564849	-3.72E-02	6643382	6643505	NC_000004.11
cg00888818	5.24E-06	8.47E-07	-5.09	4.6564358	-7.90E-02	103019936	103020059	NC_000013.10
cg19295314	5.25E-06	8.47E-07	-5.09	4.6560253	-7.89E-02	1635640	1635763	NC_000006.11
cg04430835	5.25E-06	8.48E-07	-5.09	4.6553567	-1.57E-02	52917409	52917532	NC_000004.11
cg11835955	5.25E-06	8.48E-07	-5.09	4.6548319	-9.78E-02	40142517	40142640	NC_000014.8
cg24103195	5.25E-06	8.48E-07	-5.09	4.6546312	-5.28E-02	20748468	20748591	NC_000019.9

cg18100347	5.25E-06	8.49E-07	-5.09	4.6542048	-5.44E-02	127294121	127294244	NC_000003.11
cg11767392	5.26E-06	8.49E-07	-5.09	4.6537241	-4.96E-02	71814388	71814511	NC_000011.9
cg26407641	5.26E-06	8.50E-07	-5.09	4.6532368	-1.81E-02	67955870	67955993	NC_000018.9
cg08123067	5.26E-06	8.50E-07	-5.09	4.6525151	-1.07E-01	81047183	81047306	NC_000017.10
cg24382686	5.26E-06	8.51E-07	-5.09	4.6521014	-4.34E-02	35053756	35053879	NC_000017.10
cg05948763	5.27E-06	8.51E-07	-5.09	4.6519674	-6.08E-02	2205824	2205947	NC_000001.10
cg19008088	5.27E-06	8.51E-07	-5.09	4.6516187	-5.21E-02	102890038	102890161	NC_000010.10
cg25860737	5.27E-06	8.51E-07	-5.09	4.6514582	-6.83E-02	49462125	49462248	NC_000015.9
cg18950952	5.27E-06	8.51E-07	-5.09	4.6512651	-9.82E-02	110872655	110872778	NC_000002.11
cg13626654	5.28E-06	8.52E-07	-5.09	4.6499941	-6.23E-02	80898525	80898648	NC_000017.10
cg02621936	5.28E-06	8.52E-07	-5.09	4.6499305	-2.50E-02	28480797	28480920	NC_000008.10
cg02738255	5.28E-06	8.53E-07	-5.09	4.64986	-1.35E-01	25231685	25231808	NC_000020.10
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cg25082710	5.28E-06	8.53E-07	-5.09	4.6496072	-1.11E-01	152880108	152880231	NC_000001.10
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cg01987702	5.28E-06	8.53E-07	-5.09	4.6488557	-1.21E-01	74264707	74264830	NC_000002.11
cg15859390	5.28E-06	8.54E-07	-5.09	4.6485339	-9.72E-02	184908510	184908633	NC_000004.11
cg09265563	5.29E-06	8.54E-07	-5.09	4.6480307	-1.17E-01	72849909	72850032	NC_000007.13
cg02776313	5.29E-06	8.54E-07	-5.09	4.6479379	-7.08E-02	50965782	50965905	NC_000022.10
cg12451007	5.29E-06	8.54E-07	-5.09	4.6478921	-1.57E-02	77843567	77843690	NC_000014.8
cg16303353	5.29E-06	8.55E-07	-5.09	4.646673	-9.80E-02	2393684	2393807	NC_000012.11
cg02024352	5.29E-06	8.55E-07	-5.09	4.6466465	-4.57E-02	51573586	51573709	NC_000003.11
cg23228779	5.29E-06	8.56E-07	-5.09	4.6464593	-4.26E-02	70339935	70340058	NC_000003.11
cg03374561	5.29E-06	8.56E-07	-5.09	4.6463982	-7.33E-02	19247888	19248011	NC_000017.10
cg23656386	5.30E-06	8.57E-07	-5.09	4.645319	-3.93E-02	68003240	68003363	NC_000016.9

cg09142166	5.30E-06	8.57E-07	-5.09	4.6447218	-9.76E-02	44276013	44276136	NC_000022.10
cg25734726	5.31E-06	8.58E-07	-5.09	4.6440141	-8.52E-02	40948296	40948419	NC_000019.9
cg23399279	5.31E-06	8.58E-07	-5.09	4.6439267	-4.54E-02	69203665	69203788	NC_000014.8
cg19306380	5.31E-06	8.58E-07	-5.09	4.6432475	-1.13E-01	228463260	228463383	NC_000001.10
cg00498653	5.31E-06	8.59E-07	-5.08	4.6429974	-4.29E-02	156806902	156807025	NC_000003.11
cg10138970	5.31E-06	8.59E-07	-5.08	4.6426584	-5.55E-02	223172052	223172175	NC_000002.11
cg25784319	5.31E-06	8.59E-07	-5.08	4.6423198	-1.94E-02	26156915	26157038	NC_000006.11
cg19705215	5.32E-06	8.59E-07	-5.08	4.6421008	-5.23E-02	61747501	61747624	NC_000014.8
cg13481974	5.32E-06	8.60E-07	-5.08	4.6416418	-4.11E-02	42174516	42174639	NC_000015.9
cg19293752	5.32E-06	8.60E-07	-5.08	4.6412812	-8.80E-02	81840828	81840951	NC_000015.9
cg15234492	5.32E-06	8.60E-07	-5.08	4.6412384	-1.60E-01	122019076	122019199	NC_000012.11
cg25599573	5.32E-06	8.61E-07	-5.08	4.6404707	-1.03E-01	175108429	175108552	NC_000005.9
cg26475094	5.32E-06	8.61E-07	-5.08	4.6403101	-1.01E-01	56891111	56891234	NC_000016.9
cg17972162	5.33E-06	8.61E-07	-5.08	4.6398407	-8.85E-02	39496387	39496510	NC_000022.10
cg03031009	5.33E-06	8.62E-07	-5.08	4.6395858	-1.07E-01	10835019	10835142	NC_000010.10
cg19030994	5.33E-06	8.62E-07	-5.08	4.6394678	-1.09E-01	273394	273517	NC_000005.9
cg02855045	5.33E-06	8.62E-07	-5.08	4.6392742	-7.90E-02	72777245	72777368	NC_000003.11
cg01104554	5.33E-06	8.62E-07	-5.08	4.6391575	-5.29E-02	101556628	101556751	NC_000009.11
cg20403541	5.33E-06	8.62E-07	-5.08	4.6386564	-5.67E-02	3387290	3387413	NC_000004.11
cg08841613	5.33E-06	8.63E-07	-5.08	4.6385239	-1.20E-01	220553978	220554101	NC_000002.11
cg08120462	5.33E-06	8.63E-07	-5.08	4.6383665	-3.23E-02	90118174	90118297	NC_000015.9
cg00099976	5.34E-06	8.63E-07	-5.08	4.6382226	-8.66E-02	26625273	26625396	NC_000013.10
cg15471073	5.34E-06	8.63E-07	-5.08	4.6381977	-1.04E-01	17714040	17714163	NC_000004.11
cg12799086	5.34E-06	8.64E-07	-5.08	4.6370273	-2.32E-02	99724835	99724958	NC_000007.13
cg05487105	5.35E-06	8.65E-07	-5.08	4.6360236	-1.58E-01	137729296	137729419	NC_000003.11

cg22575599	5.35E-06	8.65E-07	-5.08	4.6356963	-2.00E-02	56211698	56211821	NC_000012.11
cg24643749	5.35E-06	8.65E-07	-5.08	4.6355973	-2.63E-02	98503874	98503997	NC_000015.9
cg01287833	5.35E-06	8.65E-07	-5.08	4.6355818	-1.05E-01	31113026	31113149	NC_000006.11
cg02150018	5.35E-06	8.65E-07	-5.08	4.6352554	-5.76E-02	56781267	56781390	NC_000012.11
cg01258201	5.35E-06	8.66E-07	-5.08	4.6351143	-1.11E-01	36808494	36808617	NC_000006.11
cg16453673	5.35E-06	8.66E-07	-5.08	4.6344612	-4.90E-02	105630771	105630894	NC_000012.11
cg14934821	5.36E-06	8.67E-07	-5.08	4.6339308	-9.73E-02	139228820	139228943	NC_000009.11
cg17353079	5.36E-06	8.67E-07	-5.08	4.6334075	-4.53E-02	31779020	31779143	NC_000006.11
cg18376692	5.36E-06	8.67E-07	-5.08	4.6333229	-9.20E-02	48452465	48452588	NC_000001.10
cg15298173	5.37E-06	8.68E-07	-5.08	4.6321071	-7.49E-02	29903900	29904023	NC_000015.9
cg07070043	5.37E-06	8.69E-07	-5.08	4.630855	-7.35E-02	48389148	48389271	NC_000010.10
cg16226644	5.38E-06	8.70E-07	-5.08	4.6304343	-6.55E-02	33246091	33246214	NC_000006.11
cg04454285	5.38E-06	8.70E-07	-5.08	4.6302548	-9.69E-02	86016317	86016440	NC_000016.9
cg00918738	5.38E-06	8.70E-07	-5.08	4.6300745	-8.69E-02	589310	589433	NC_000020.10
cg02246130	5.38E-06	8.70E-07	-5.08	4.6299504	-5.80E-02	64547152	64547275	NC_000003.11
cg04018534	5.38E-06	8.70E-07	-5.08	4.6298775	-1.71E-02	56426177	56426300	NC_000017.10
cg13862384	5.38E-06	8.71E-07	-5.08	4.6295848	-2.21E-02	27275341	27275464	NC_000007.13
cg13918640	5.38E-06	8.71E-07	-5.08	4.6289086	-1.02E-01	94351568	94351691	NC_000009.11
cg06229167	5.38E-06	8.71E-07	-5.08	4.6289029	-5.17E-02	65658969	65659092	NC_000011.9
cg22469355	5.38E-06	8.71E-07	-5.08	4.628697	-1.69E-02	73082054	73082177	NC_000007.13
cg15846316	5.38E-06	8.71E-07	-5.08	4.6285811	-3.44E-02	57371719	57371842	NC_000004.11
cg21082868	5.38E-06	8.71E-07	-5.08	4.6285757	-4.32E-02	22828849	22828972	NC_000006.11
cg00435064	5.39E-06	8.72E-07	-5.08	4.6283248	-5.64E-02	76374256	76374379	NC_000017.10
cg04437407	5.39E-06	8.72E-07	-5.08	4.6283167	-6.61E-02	94760793	94760916	NC_000014.8
cg09762515	5.39E-06	8.72E-07	-5.08	4.6279247	-8.35E-02	101556588	101556711	NC_000007.13

cg00459617	5.39E-06	8.72E-07	-5.08	4.6278256	-1.11E-01	8111382	8111505	NC_000019.9
cg16165294	5.39E-06	8.72E-07	-5.08	4.6276489	-1.04E-01	152010113	152010236	NC_000001.10
cg10078415	5.39E-06	8.73E-07	-5.08	4.6272394	-4.82E-02	20775011	20775134	NC_000016.9
cg06890161	5.40E-06	8.74E-07	-5.08	4.6261431	-1.12E-01	77895596	77895719	NC_000017.10
cg14818176	5.40E-06	8.74E-07	-5.08	4.625904	-1.05E-01	73148480	73148603	NC_000017.10
cg17004025	5.40E-06	8.74E-07	-5.08	4.6254346	-6.82E-02	840795	840918	NC_000019.9
cg23831517	5.40E-06	8.74E-07	-5.08	4.6253291	-1.03E-01	34182528	34182651	NC_000008.10
cg00862770	5.40E-06	8.75E-07	-5.08	4.6248514	-1.25E-02	35655764	35655887	NC_000006.11
cg05357039	5.40E-06	8.75E-07	-5.08	4.62468	-4.57E-02	67141686	67141809	NC_000011.9
cg01114217	5.41E-06	8.75E-07	-5.08	4.6241533	-1.36E-02	150922145	150922268	NC_000006.11
cg02648589	5.41E-06	8.76E-07	-5.08	4.6239343	-6.19E-02	114877260	114877383	NC_000013.10
ch.7.49004861R	5.41E-06	8.76E-07	-5.08	4.6239001	-1.49E-02	49034315	49034438	NC_000007.13
cg10516516	5.41E-06	8.76E-07	-5.08	4.6232514	-9.68E-02	54231340	54231463	NC_000003.11
cg08157459	5.42E-06	8.77E-07	-5.08	4.6225637	-8.93E-02	112176430	112176553	NC_000013.10
cg14162940	5.42E-06	8.77E-07	-5.08	4.6224804	-5.76E-02	30605868	30605991	NC_000020.10
cg16617297	5.42E-06	8.77E-07	-5.08	4.6224165	-1.14E-01	130582172	130582295	NC_000007.13
cg08489315	5.42E-06	8.77E-07	-5.08	4.6220833	-3.08E-02	56153494	56153617	NC_000019.9
cg22129135	5.42E-06	8.78E-07	-5.08	4.6215384	-8.75E-02	5951943	5952066	NC_000001.10
cg17144548	5.42E-06	8.78E-07	-5.08	4.6213559	-8.64E-02	5679308	5679431	NC_000002.11
cg12285627	5.42E-06	8.78E-07	-5.08	4.6213328	-4.01E-02	803059	803182	NC_000001.10
cg03758697	5.42E-06	8.79E-07	-5.08	4.6207792	-7.04E-02	93160966	93161089	NC_000015.9
cg13098960	5.43E-06	8.79E-07	-5.08	4.6204905	-8.55E-02	7494151	7494274	NC_000017.10
cg18542495	5.43E-06	8.79E-07	-5.08	4.6201579	-7.45E-02	43495541	43495664	NC_000002.11
cg01339183	5.43E-06	8.79E-07	-5.08	4.6200769	-6.50E-02	41751312	41751435	NC_000006.11
cg08336152	5.43E-06	8.79E-07	-5.08	4.6199606	-9.94E-03	19281512	19281635	NC_000017.10

cg16773799	5.43E-06	8.80E-07	-5.08	4.619497	-2.97E-02	10092403	10092526	NC_000002.11
cg22730029	5.43E-06	8.80E-07	-5.08	4.6190218	-6.73E-02	41593582	41593705	NC_000013.10
cg25864978	5.43E-06	8.80E-07	-5.08	4.6189024	-6.88E-02	67786269	67786392	NC_000011.9
cg24453438	5.43E-06	8.80E-07	-5.08	4.6188273	-1.07E-01	38517272	38517395	NC_000001.10
cg24399204	5.44E-06	8.80E-07	-5.08	4.6187915	-7.87E-02	11636294	11636417	NC_000002.11
cg20384735	5.44E-06	8.81E-07	-5.08	4.6184893	-2.11E-02	231376893	231377016	NC_000001.10
ch.12.12432R	5.44E-06	8.81E-07	-5.08	4.6182003	-2.68E-02	539860	539983	NC_000012.11
cg20245822	5.44E-06	8.81E-07	-5.08	4.6180762	-5.46E-02	104734362	104734485	NC_000012.11
cg01396774	5.44E-06	8.81E-07	-5.08	4.6178924	-3.65E-02	218299024	218299147	NC_000002.11
cg02905426	5.44E-06	8.82E-07	-5.08	4.6174411	-9.68E-02	28051771	28051894	NC_000001.10
cg03496689	5.45E-06	8.82E-07	-5.08	4.6168054	-6.92E-02	144359316	144359439	NC_000008.10
cg04543865	5.45E-06	8.83E-07	-5.08	4.6159666	-5.60E-02	81347551	81347674	NC_000016.9
cg21116266	5.45E-06	8.83E-07	-5.08	4.6158232	-1.14E-01	102105049	102105172	NC_000013.10
cg08667128	5.45E-06	8.83E-07	-5.08	4.6155049	-1.51E-01	29886885	29887008	NC_000017.10
cg11080062	5.45E-06	8.83E-07	-5.08	4.61544	-2.41E-02	53615449	53615572	NC_000012.11
cg07126281	5.45E-06	8.84E-07	-5.08	4.6151492	-3.39E-02	44351085	44351208	NC_000022.10
cg21761427	5.46E-06	8.84E-07	-5.08	4.6148111	-1.53E-02	28220064	28220187	NC_000006.11
cg01603146	5.46E-06	8.84E-07	-5.08	4.6147341	-1.08E-02	152009641	152009764	NC_000001.10
cg00420354	5.46E-06	8.84E-07	-5.08	4.6144362	-1.83E-02	3251386	3251509	NC_000004.11
cg00303111	5.46E-06	8.85E-07	-5.08	4.6141183	-9.40E-02	75672723	75672846	NC_000010.10
cg18485877	5.46E-06	8.85E-07	-5.08	4.6139577	-9.84E-02	94402477	94402600	NC_000014.8
cg03466066	5.46E-06	8.85E-07	-5.08	4.6135232	-4.73E-02	88154389	88154512	NC_000016.9
cg11453076	5.46E-06	8.85E-07	-5.08	4.6132727	-1.31E-01	137812735	137812858	NC_000006.11
cg03822198	5.46E-06	8.86E-07	-5.08	4.6131039	-8.46E-02	116997535	116997658	NC_000012.11
cg06899522	5.47E-06	8.87E-07	-5.08	4.6117537	-1.35E-01	9355438	9355561	NC_000001.10

cg16832648	5.48E-06	8.88E-07	-5.08	4.6107692	-8.67E-02	35703322	35703445	NC_000010.10
cg09121378	5.48E-06	8.88E-07	-5.08	4.6099263	-6.79E-02	45883590	45883713	NC_000021.8
cg20522398	5.48E-06	8.89E-07	-5.08	4.609847	-1.22E-01	17316151	17316274	NC_000007.13
cg26927231	5.49E-06	8.89E-07	-5.08	4.6090668	-5.93E-02	3096662	3096785	NC_000016.9
cg16118817	5.49E-06	8.90E-07	-5.08	4.6085926	-4.49E-02	4792497	4792620	NC_000019.9
cg07667295	5.49E-06	8.90E-07	-5.08	4.6085217	-2.95E-02	64320118	64320241	NC_000014.8
cg26562638	5.49E-06	8.90E-07	-5.08	4.60847	-8.45E-02	226130366	226130489	NC_000001.10
cg12329275	5.49E-06	8.90E-07	-5.08	4.6083229	-4.60E-02	11912597	11912720	NC_000010.10
cg01137737	5.49E-06	8.91E-07	-5.08	4.6075497	-2.12E-02	19533410	19533533	NC_000016.9
cg27569300	5.50E-06	8.91E-07	-5.08	4.6071091	-1.10E-01	99645065	99645188	NC_000015.9
cg20564259	5.50E-06	8.91E-07	-5.08	4.6070991	-3.11E-02	148876033	148876156	NC_000005.9
cg02602915	5.50E-06	8.91E-07	-5.08	4.6069161	-3.59E-02	171011615	171011738	NC_000004.11
cg23970338	5.50E-06	8.91E-07	-5.08	4.6067591	-2.20E-02	58176483	58176606	NC_000012.11
cg10061384	5.51E-06	8.93E-07	-5.08	4.6050236	-9.03E-02	2466275	2466398	NC_000001.10
cg19745934	5.51E-06	8.93E-07	-5.08	4.6045269	-7.56E-02	60842133	60842256	NC_000013.10
cg05628549	5.51E-06	8.93E-07	-5.08	4.6045187	-1.22E-01	6341895	6342018	NC_000011.9
cg23304156	5.51E-06	8.94E-07	-5.08	4.6037238	-8.53E-02	16466421	16466544	NC_000019.9
cg10368641	5.52E-06	8.96E-07	-5.08	4.6022758	-8.06E-02	88932955	88933078	NC_000016.9
cg03861065	5.53E-06	8.96E-07	-5.08	4.6014674	-1.03E-01	64344052	64344175	NC_000010.10
cg02156776	5.53E-06	8.96E-07	-5.08	4.6014209	-7.17E-02	71013139	71013262	NC_000006.11
cg13492337	5.53E-06	8.96E-07	-5.08	4.6012742	-7.12E-02	52722140	52722263	NC_000008.10
cg04694991	5.53E-06	8.97E-07	-5.08	4.6008509	-6.86E-02	97219665	97219788	NC_000010.10
cg18084046	5.53E-06	8.97E-07	-5.08	4.6004949	-9.17E-02	166430853	166430976	NC_000005.9
cg27485687	5.53E-06	8.97E-07	-5.08	4.6003043	-6.90E-02	52416858	52416981	NC_000012.11
cg00589520	5.53E-06	8.97E-07	-5.08	4.6002902	-9.14E-02	23513039	23513162	NC_000007.13



cg11924368	5.53E-06	8.98E-07	-5.08	4.6000224	-2.68E-02	139682896	139683019	NC_000005.9
cg08423562	5.53E-06	8.98E-07	-5.08	4.5997782	-1.07E-01	38466544	38466667	NC_000001.10
cg19691505	5.54E-06	8.98E-07	-5.08	4.5995905	-1.02E-01	4175336	4175459	NC_000007.13
cg00801636	5.54E-06	8.98E-07	-5.08	4.5994112	-2.88E-02	105956369	105956492	NC_000014.8
cg24475272	5.54E-06	8.99E-07	-5.08	4.5987648	-5.70E-02	140432613	140432736	NC_000004.11
cg01637218	5.54E-06	8.99E-07	-5.08	4.598423	-1.87E-02	29063669	29063792	NC_000001.10
cg26189983	5.54E-06	8.99E-07	-5.08	4.5983602	-9.90E-02	12227700	12227823	NC_000001.10
cg17630771	5.54E-06	8.99E-07	-5.08	4.5981654	-2.36E-02	101981004	101981127	NC_000011.9
cg05061754	5.54E-06	9.00E-07	-5.07	4.597902	-8.81E-02	4254313	4254436	NC_000007.13
cg14511768	5.55E-06	9.01E-07	-5.07	4.5966249	-2.01E-02	26362707	26362830	NC_000001.10
cg17635777	5.55E-06	9.01E-07	-5.07	4.5966002	-6.98E-02	142446785	142446908	NC_000008.10
cg07595404	5.55E-06	9.01E-07	-5.07	4.5964058	-1.30E-02	130014885	130015008	NC_000004.11
cg16573726	5.55E-06	9.01E-07	-5.07	4.5962454	-5.62E-02	56666137	56666260	NC_000001.10
cg24719575	5.55E-06	9.01E-07	-5.07	4.5958586	-2.19E-02	57773768	57773891	NC_000004.11
cg15465223	5.56E-06	9.02E-07	-5.07	4.595699	-2.01E-02	44185590	44185713	NC_000010.10
cg10883375	5.56E-06	9.02E-07	-5.07	4.5949242	-1.05E-01	74210186	74210309	NC_000014.8
cg10700570	5.56E-06	9.02E-07	-5.07	4.5948949	-1.73E-02	2281743	2281866	NC_000007.13
cg20642630	5.57E-06	9.03E-07	-5.07	4.593695	-7.28E-02	22846006	22846129	NC_000008.10
cg00238848	5.57E-06	9.04E-07	-5.07	4.5934936	-8.35E-02	72408252	72408375	NC_000011.9
cg00334821	5.57E-06	9.04E-07	-5.07	4.5933844	-1.42E-01	73508994	73509117	NC_000007.13
cg00244001	5.57E-06	9.04E-07	-5.07	4.5927966	-1.02E-01	126336805	126336928	NC_000010.10
ch.16.759907F	5.57E-06	9.04E-07	-5.07	4.5927741	-1.51E-02	24823925	24824048	NC_000016.9
cg14832378	5.57E-06	9.05E-07	-5.07	4.5922611	-1.04E-01	59038939	59039062	NC_000014.8
cg11654024	5.58E-06	9.06E-07	-5.07	4.5915335	-9.03E-02	85230119	85230242	NC_000001.10
cg08754967	5.58E-06	9.06E-07	-5.07	4.5912799	-4.06E-02	736083	736206	NC_000010.10

cg10857250	5.58E-06	9.06E-07	-5.07	4.5911933	-1.17E-01	122986080	122986203	NC_000012.11
cg18900271	5.58E-06	9.06E-07	-5.07	4.5909147	-7.46E-02	110863886	110864009	NC_000002.11
cg13576061	5.58E-06	9.06E-07	-5.07	4.5908975	-3.94E-02	55291172	55291295	NC_000005.9
cg07859359	5.58E-06	9.06E-07	-5.07	4.5906335	-1.36E-02	84538331	84538454	NC_000016.9
cg27620173	5.59E-06	9.07E-07	-5.07	4.5900928	-1.34E-01	94017285	94017408	NC_000011.9
cg21215899	5.59E-06	9.07E-07	-5.07	4.5895379	-6.89E-02	121414425	121414548	NC_000005.9
cg24888989	5.59E-06	9.08E-07	-5.07	4.5893156	-2.41E-02	44803291	44803414	NC_000003.11
cg05451413	5.59E-06	9.08E-07	-5.07	4.5889482	-3.96E-02	18691705	18691828	NC_000018.9
cg25969108	5.59E-06	9.08E-07	-5.07	4.588699	-2.10E-02	35605636	35605759	NC_000019.9
cg05440642	5.59E-06	9.08E-07	-5.07	4.588406	-1.03E-01	73507806	73507929	NC_000010.10
cg15319470	5.59E-06	9.09E-07	-5.07	4.5882675	-1.08E-01	62546183	62546306	NC_000012.11
cg16047144	5.60E-06	9.09E-07	-5.07	4.588022	-8.44E-02	62097953	62098076	NC_000017.10
cg25846336	5.60E-06	9.10E-07	-5.07	4.5868118	-8.36E-02	60293554	60293677	NC_000015.9
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cg13000789	5.61E-06	9.10E-07	-5.07	4.5863878	-9.43E-02	56589255	56589378	NC_000006.11
cg00691974	5.61E-06	9.11E-07	-5.07	4.5860563	-9.46E-02	185087958	185088081	NC_000004.11
cg14224203	5.61E-06	9.11E-07	-5.07	4.5858402	-6.43E-02	139716026	139716149	NC_000009.11
cg26486702	5.61E-06	9.11E-07	-5.07	4.5857408	-1.71E-02	161129448	161129571	NC_000001.10
cg16694634	5.61E-06	9.11E-07	-5.07	4.5854698	-5.62E-02	144952216	144952339	NC_000008.10
cg01802073	5.61E-06	9.11E-07	-5.07	4.5853078	-1.20E-02	54976343	54976466	NC_000014.8
cg21661022	5.61E-06	9.11E-07	-5.07	4.5851992	-1.34E-01	98258709	98258832	NC_000007.13
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cg25401621	5.61E-06	9.12E-07	-5.07	4.5850644	-5.00E-02	108302825	108302948	NC_000013.10
cg19312427	5.61E-06	9.12E-07	-5.07	4.5850303	-1.01E-01	198174503	198174626	NC_000001.10
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cg22805436	5.64E-06	9.16E-07	-5.07	4.5806115	-4.64E-02	144822012	144822135	NC_000008.10
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cg04870415	5.65E-06	9.18E-07	-5.07	4.5786973	-3.42E-02	7212954	7213077	NC_000008.10
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cg19026959	5.66E-06	9.20E-07	-5.07	4.5766539	-1.49E-02	13049204	13049327	NC_000019.9
cg26335578	5.66E-06	9.20E-07	-5.07	4.5763749	-6.99E-02	68722738	68722861	NC_000011.9
cg15704004	5.66E-06	9.20E-07	-5.07	4.576374	-5.41E-02	92806448	92806571	NC_000011.9

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cg04623172	5.66E-06	9.20E-07	-5.07	4.5758511	-1.78E-02	31607306	31607429	NC_000010.10
cg16358438	5.66E-06	9.21E-07	-5.07	4.575649	-5.07E-02	36689446	36689569	NC_000001.10
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cg13768503	5.68E-06	9.25E-07	-5.07	4.5713361	-4.42E-02	72767353	72767476	NC_000009.11

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cg17239019	5.72E-06	9.31E-07	-5.07	4.565047	-1.03E-01	41091424	41091547	NC_000007.13
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cg11845050	5.73E-06	9.32E-07	-5.07	4.5634513	-1.77E-02	21871914	21872037	NC_000022.10
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cg02412169	5.73E-06	9.33E-07	-5.07	4.5629003	-1.02E-01	1732744	1732867	NC_000005.9
cg23328194	5.73E-06	9.33E-07	-5.07	4.5628133	-1.00E-01	26687962	26688085	NC_000008.10
cg24250492	5.74E-06	9.34E-07	-5.07	4.5615367	-8.76E-02	184268405	184268528	NC_000001.10

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cg14351882	5.74E-06	9.34E-07	-5.07	4.56123	-8.83E-02	140061878	140062001	NC_000009.11
cg24178500	5.74E-06	9.35E-07	-5.07	4.5609402	-2.13E-02	43538586	43538709	NC_000020.10
cg13758904	5.74E-06	9.35E-07	-5.07	4.560716	-3.17E-02	691034	691157	NC_000002.11
cg20347496	5.74E-06	9.35E-07	-5.07	4.5606484	-2.77E-02	73403631	73403754	NC_000002.11
cg14287565	5.74E-06	9.35E-07	-5.07	4.5603013	-3.64E-02	127630689	127630812	NC_000009.11
ch.7.2782052F	5.75E-06	9.36E-07	-5.07	4.5596199	-1.41E-02	133596844	133596967	NC_000007.13
cg17466795	5.75E-06	9.36E-07	-5.07	4.5592081	-1.08E-01	9497330	9497453	NC_000020.10
cg13450549	5.75E-06	9.36E-07	-5.07	4.5590935	-4.94E-02	125227559	125227682	NC_000009.11
cg15810386	5.76E-06	9.38E-07	-5.07	4.5578629	-1.07E-01	31362491	31362614	NC_000005.9
cg18594785	5.76E-06	9.38E-07	-5.07	4.5578326	-1.09E-02	38545531	38545654	NC_000015.9
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