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1	186636947	186669727 -	NM_133684	Marc2	9432	186660095	186660295
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10	30365388	30522914 -	NM_172495	Ncoa7	15255	30507459	30507659
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12	4885838	4914327 -	NM_145441	Ubxn2a	-5912	4920239	4920439
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12	29375493	29435260 -	NM_001161410	Trappc12	-997	29436257	29436457
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12	36818422	36883413 -	NM_025840	Bzw2	860	36882353	36882553
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12	55847344	55896650 -	NM_026998	Snx6	10084	55886366	55886566
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12	56403624	56483479 +	NM_025373	1110008L16Rik	26328	56429952	56430152
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12	77634547	77680027 +	NM_153804	Plekhg3	-9661	77624686	77624886
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12	77866560	77884166 +	NM_206534	Churc1	629	77867189	77867389
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13	68699657	68720982 -	NM_001308475	Mtrr	463	68720319	68720519
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13	69636837	69672743 -	NM_001169131	Papd7	23996	69648547	69648747
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13	69712327	69750342 -	NM_175283	Srd5a1	2859	69747283	69747483
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13	94827751	94965365 +	NM_172589	Lhfpl2	10779	94838530	94838730
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13	97186089	97241116 -	NM_001042714	Ankdd1b	16504	97224412	97224612
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13	105737233	105845011 -	NM_029879	Rgs7bp	13681	105831130	105831330
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14	80400109	80421738 +	NM_001030294	Olfm4	10172	80410281	80410481
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14	87816390	87915000 +	NM_001253755	Tdrd3	56425	87872815	87873015
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14	99433763	99445356 -	NM_175245	Mzt1	-737	99446093	99446293
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14	99498643	99653714 +	NM_029320	Pibf1	18460	99517103	99517303
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14	100269862	100549016 -	NM_010636	Klf12	215894	100332922	100333122
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14	102129145	102333911 +	NM_201529	Lmo7	139624	102268769	102268969
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14	102129145	102333911 +	NM_201529	Lmo7	68042	102197187	102197387
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14	102129145	102333911 +	NM_201529	Lmo7	109247	102238392	102238592
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14	103512628	103746018 -	NM_207215	Mycbp2	152141	103593677	103593877
14	104213832	104243694 -	NM_001136061	Ednrb	6356	104237138	104237338
14	104213832	104242919 -	NM_001276296	Ednrb	5581	104237138	104237338
14	104213832	104242919 -	NM_007904	Ednrb	5581	104237138	104237338
14	104876751	104921884 -	NM_026047	Rnf219	958	104920726	104920926
14	105657890	105708516 +	NM_001190989	Ndfip2	8804	105666694	105666894
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14	118881914	119076154 -	NM_001163675	Abcc4	40887	119035067	119035267
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14	120674891	120830921 +	NM_175341	Mbnl2	-4332	120670359	120670559
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14	121685563	121778453 -	NM_145465	Stk24	37290	121740963	121741163
14	121858843	121904477 -	NM_053079	Slc15a1	-204	121904681	121904881
14	121858843	121904477 -	NM_053079	Slc15a1	-3756	121908233	121908433
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14	121858843	121904477 -	NM_053079	Slc15a1	11271	121893006	121893206
14	121858843	121904477 -	NM_053079	Slc15a1	10533	121893744	121893944
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14	121941261	122097640 -	NM_001081039	Dock9	144266	121953174	121953374
14	121941261	122138152 -	NM_001128307	Dock9	184778	121953174	121953374
14	121941261	122138152 -	NM_001128308	Dock9	184778	121953174	121953374
14	121941261	122196957 -	NM_134074	Dock9	5452	122191305	122191505
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14	122276081	122278631 -	NR_130999	1810041H14Rik	-3935	122282566	122282766
14	122276081	122277493 -	NR_131002	1810041H14Rik	-5073	122282566	122282766
14	122277828	122420258 +	NM_026861	Ubac2	4738	122282566	122282766
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14	122506304	122558826 +	NM_080556	Tm9sf2	30287	122536591	122536791
14	122933550	123289167 +	NM_144844	Pcca	331273	123264823	123265023
14	123290082	123312388 -	NM_145466	Ggact	3233	123308955	123309155
14	123675863	124026367 -	NM_177393	Nalcn	22216	124003951	124004151
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15	3220767	3230509 +	NM_001042613	Sepp1	4715	3225482	3225682
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15	3913564	3929574 -	NM_134099	Fbxo4	9664	3919710	3919910

15	3932035	3945753 -	NM_145930	AW549877	1098	3944455	3944655
15	3946039	3965859 +	NR_045740	A630020A06	-1384	3944455	3944655
15	3970111	3977407 -	NR_028266	BC037032	1040	3976167	3976367
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15	3976428	4105345 +	NM_024188	Oxct1	-61	3976167	3976367
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15	5135560	5168333 +	NM_026213	Ttc33	10431	5145991	5146191
15	5183399	5194188 -	NM_001136079	Ptger4	3022	5190966	5191166
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15	5183399	5194188 -	NM_008965	Ptger4	3022	5190966	5191166
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15	5446318	5544984 +	NR_045274	5430437J10Rik	9961	5456279	5456479
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15	6249789	6390710 +	NM_001008702	Dab2	86901	6336690	6336890
15	6336748	6390710 +	NM_001037905	Dab2	0	6336690	6336890
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15	7156120	7348391 -	NM_001289496	Egflam	145706	7202485	7202685
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15	8239824	8394464 -	NM_027707	Nipbl	-1841	8396305	8396505
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15	9001009	9040254 +	NM_001040395	Nadk2	-715	9000094	9000294
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15	10106993	10266776 +	NM_011169	Prlr	38550	10145543	10145743
15	10106993	10266776 +	NM_011169	Prlr	12099	10119092	10119292
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15	10498733	10644387 -	NM_001166408	Rai14	56843	10587344	10587544
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15	11313418	11329414 -	NM_033074	Tars	-216	11329630	11329830
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15	12286809	12522312 -	NM_001081064	Pdzd2	224704	12297408	12297608
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15	25552305	25743427 +	NM_019472	Myo10	37087	25589392	25589592

15	25552305	25743427 +	NM_019472	Myo10	27938	25580243	25580443
15	25773053	25903452 +	NM_001034851	Fam134b	99017	25872070	25872270
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15	27660404	27955604 -	NM_001081302	Trio	241983	27713421	27713621
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15	28133521	28401801 +	NM_133365	Dnah5	212584	28346105	28346305
15	30102348	30959099 +	NM_008729	Ctnnd2	189944	30292292	30292492
15	31154140	31204094 +	NM_146057	Dap	1649	31155789	31155989
15	31221235	31297515 -	NM_001164441	Ankrd33b	54090	31243225	31243425
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15	31498667	31519875 +	NM_181588	Cmb1	15600	31514267	31514467
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15	32174568	32626097 +	NM_009154	Sema5a	392055	32566623	32566823
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15	34236436	34365996 +	NM_016762	Matn2	61211	34297647	34297847
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15	35301301	35860985 +	NM_177151	Vps13b	278612	35579913	35580113
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15	36407423	36426547 -	NM_175134	Ankrd46	9378	36416969	36417169
15	36926782	36937158 -	NM_026521	Zfp706	-993	36938151	36938351
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15	37162791	37293324 +	NM_026496	Grhl2	90728	37253519	37253719
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15	38417185	38449022 -	NM_001102458	Azin1	17218	38431604	38431804
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15	38479099	38524690 -	NR_045757	2310043O21Rik	27095	38497395	38497595
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15	38837826	38869737 +	NM_001162494	Fzd6	3781	38841607	38841807
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15	39702149	39775304 -	NM_172814	Lrp12	-945	39776249	39776449
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15	41279028	41692594 +	NM_001130166	Oxr1	377902	41656930	41657130
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15	52899818	53177739 -	NM_010162	Ext1	137272	53040267	53040467
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15	54402921	54434402 +	NM_178920	Mal2	1399	54404320	54404520
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15	54907656	54922034 -	NM_183089	Dscc1	-5477	54927511	54927711
15	54931472	54945138 -	NR_045093	Gm9920	12319	54932619	54932819
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15	85729188	85864208 -	NM_009886	Celsr1	26040	85837968	85838168
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15	99608899	99705888 -	NM_001113545	Lima1	9627	99696061	99696261
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16	18071819	18089284 -	NM_011172	Prodh	6631	18082453	18082653
16	18300918	18344026 -	NM_138583	Tango2	4619	18339207	18339407
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16	18426510	18479167 +	NM_013711	Txnrd2	16934	18443444	18443644
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16	23965138	23988699 -	NM_009744	Bcl6	-5522	23994221	23994421
16	24393436	24992665 +	NM_178665	Lpp	102016	24495452	24495652
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16	28157869	28565038 -	NM_001276419	Fgf12	174734	28390104	28390304
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16	28826262	28929785 -	NM_177718	Mb21d2	22956	28906629	28906829
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16	42907758	43619237 +	NM_001285805	Zbtb20	667966	43575724	43575924
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17	3557824	3559864 +	NR_045302	1700102H20Rik	-1217	3556407	3556607
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17	5841380	5930712 +	NM_025664	Snx9	1643	5843023	5843223
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17	6942480	6987130 -	NM_009510	Ezr	15728	6971202	6971402
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17	28264296	28410568 -	NR_039557.1	Mir5098	-5814	28416382	28416582
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17	28465416	28467979 +	NM_011287	Rpl10a	-206	28465010	28465210
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17	28906262	28915650 +	NM_011950	Mapk13	2170	28908432	28908632
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17	29293466	29374736 -	NM_153166	Cpne5	66522	29308014	29308214
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17	32822604	32840295 +	NM_134127	Cyp4f15	-687	32821717	32821917
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17	35322040	35325386 -	NM_010734	Lst1	-8366	35333752	35333952
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17	35357120	35372761 -	NM_010909	Nfkbil1	-6794	35379555	35379755
17	35357120	35372761 -	NM_010909	Nfkbil1	3612	35368949	35369149
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17	36217134	36221195 -	NM_008199	H2-BI	-11	36221206	36221406
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17	37407179	37411431 +	NM_013819	H2-M3	0	37407134	37407334
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17	43153504	43226138 +	NM_178589	Tnfrsf21	1402	43154906	43155106
17	43282990	43295241 -	NR_045155	E130008D07Rik	4401	43290640	43290840
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17	43526415	43596507 +	NM_001081178	Adgrf5	61897	43588312	43588512
17	43611278	43639723 -	NM_008585	Mep1a	14040	43625483	43625683
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17	53618559	53647004 +	NM_025887	Rab5a	-784	53617575	53617775
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17	56092046	56096446 +	NM_015766	Ebi3	3731	56095777	56095977
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17	56301914	56313379 +	NM_025566	Tnfaip8l1	-8452	56293262	56293462
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17	56408885	56416191 -	NM_174989	Ticam1	-580	56416771	56416971
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17	66001066	66122093 -	NM_133685	Rab31	-836	66122929	66123129
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17	66843852	66869011 -	NM_024448	Rab12	-336	66869347	66869547
17	66904592	66943963 -	NM_028998	Themis3	1272	66942491	66942691
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17	69624702	69626547 -	NR_045428	2410021H03Rik	-4731	69631278	69631478
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17	70774132	71166070 +	NM_027712	Dlgap1	260255	71034387	71034587
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17	71368897	71476197 +	NM_001083934	Myom1	68001	71436898	71437098
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17	72022601	72079010 +	NM_177087	Fam179a	7819	72030420	72030620
17	73186044	73200536 +	NM_027166	Ypel5	-8204	73177640	73177840
17	73267645	73291287 +	NM_029999	Lbh	15220	73282865	73283065
17	73457325	73592707 +	NM_001081071	Lclat1	34537	73491862	73492062
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17	73843091	74059792 -	NM_027864	Galnt14	107030	73952562	73952762
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17	74233235	74299537 -	NM_011723	Xdh	4353	74294984	74295184
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17	80637644	80689817 -	NM_001163759	Dhx57	34251	80655366	80655566
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17	80793092	80879794 -	NM_009231	Sos1	-168	80879962	80880162
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17	84397892	84412749 +	NR_130994	8430430B14Rik	-469	84397223	84397423
17	84589396	84865549 -	NM_183021	Thada	89075	84776274	84776474
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17	85057574	85082264 -	NM_031884	Abcg5	7781	85074283	85074483
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17	85427687	85463582 +	NM_009205	Slc3a1	24216	85451903	85452103
17	85490040	85857921 +	NM_028576	Camkmt	12680	85502720	85502920
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17	86384005	86544516 -	NM_030133	Srbd1	108082	86436234	86436434
17	86567125	87057260 +	NM_011104	Prkce	311714	86878839	86879039
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17	86684507	86686519 -	NR_045435	2010106C02Rik	1880	86684439	86684639
17	87153204	87232751 +	NM_010137	Epas1	25527	87178731	87178931
17	87153204	87232751 +	NM_010137	Epas1	27810	87181014	87181214
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17	87362451	87399410 +	NM_145491	Rhoq	34319	87396770	87396970
17	87396599	87424742 -	NM_008838	Pigf	27772	87396770	87396970
17	87507019	87536926 +	NM_019654	Socs5	19833	87526852	87527052
17	87591556	87594283 -	NR_046016	C330024C12Rik	-7665	87601948	87602148
17	87653783	87665288 -	NM_139295	Mcf2	2152	87662936	87663136
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17	87674226	87682155 -	NR_015506	4833418N02Rik	-8474	87690629	87690829
17	87682226	87781111 +	NM_028639	Ttc7	8403	87690629	87690829
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17	87788911	87827082 -	NM_029298	1700011E24Rik	31507	87795375	87795575
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17	87832741	87846276 -	NM_007589	Calm2	3436	87842640	87842840
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17	88035319	88050468 +	NM_008532	Epcam	-7453	88027666	88027866
17	88071897	88123054 +	NM_008628	Msh2	9190	88081087	88081287
17	88390199	88464626 -	NM_001081034	Fbxo11	-913	88465539	88465739
17	88840052	88889874 +	NM_180974	Foxn2	19888	88859940	88860140
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17	90432984	91492143 -	NM_020252	Nrxn1	293885	91198058	91198258
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18	7869195	7929027 +	NM_153085	Wac	-619	7868376	7868576
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18	9707646	9877994 +	NM_130449	Colec12	153881	9861527	9861727
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18	12287359	12315877 +	NM_024182	Riok3	3549	12290908	12291108
18	12327239	12348479 +	NM_029623	3110002H16Rik	-1283	12325756	12325956
18	12410866	12464230 -	NM_001190371	Ankrd29	49465	12414565	12414765
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18	12802042	12895562 +	NM_028341	Ttc39c	59305	12861347	12861547
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18	12913821	13038489 -	NM_001252489	Osbp1a	71587	12966702	12966902
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18	20189299	20218007 -	NM_013505	Dsc2	6682	20211125	20211325
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18	20594676	20630323 +	NM_181564	Dsg4	21573	20616249	20616449
18	20823751	20832828 +	NM_013697	Ttr	946	20824697	20824897
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18	20843100	20904906 -	NM_019737	B4galt6	4668	20900038	20900238
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18	32322743	32396406 +	NM_011946	Map3k2	13865	32336608	32336808
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18	33040227	33040328 -	NR_105779	Mir6361	-44	33040372	33040572
18	33098695	33355422 +	NM_009793	Camk4	42458	33141153	33141353
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18	33361075	33373471 -	NM_133774	Stard4	4197	33369074	33369274
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18	35062439	35091658 -	NM_144866	Etf1	-4524	35096182	35096382
18	35097069	35114006 -	NM_010481	Hspa9	-157	35114163	35114363
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18	35426050	35658580 -	NM_030749	Sil1	231322	35427058	35427258
18	35774258	35786882 -	NM_011397	Slc23a1	-211	35787093	35787293
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18	38356348	38369417 -	NM_029357	Pcdh1	1593	38367624	38367824
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18	44540154	44584624 +	NM_027490	Dcp2	9190	44549344	44549544
18	44584714	44971837 -	NM_001085373	Mcc	142929	44828708	44828908
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18	46324954	46358473 -	NM_001170855	Trim36	30579	46327694	46327894
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18	46872859	46887997 -	NM_033037	Cdo1	13149	46874648	46874848
18	47404908	47528525 -	NM_001311097	Sema6a	36381	47491944	47492144
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18	54021767	54115339 +	NM_152809	Csnk1g3	23347	54045114	54045314
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18	56591786	56663447 +	NM_026240	Gramd3	41729	56633515	56633715
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18	56685390	56732594 -	NM_001127338	Aldh7a1	16216	56716178	56716378
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18	56722223	56747367 +	NM_001162989	Phax	-5845	56716178	56716378
18	56867467	56913080 +	NM_010721	Lmnb1	-2975	56864292	56864492
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18	57115485	57135034 -	NM_029909	C330018D20Rik	-2505	57137539	57137739
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18	57705668	57712052 -	NR_015494	4930511M06Rik	522	57711330	57711530
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18	60759860	60769759 -	NM_001109975	Synpo	3428	60766131	60766331
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18	61204804	61244722 +	NM_001146268	Pdgfrb	21783	61226587	61226787
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18	61290931	61336705 -	NM_134134	Hmgxb3	16202	61320303	61320503
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18	61356508	61371251 -	NM_007885	Slc26a2	-6796	61378047	61378247
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18	64500018	64558143 +	NM_194268	Onecut2	8447	64508465	64508665
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18	74088141	74224604 -	NM_172632	Mapk4	48880	74175524	74175724
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18	75098976	75120918 -	NM_010720	Lipg	2110	75118608	75118808
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18	78033289	78121619 +	NM_013831	Pstpip2	54816	78088105	78088305
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18	78947117	79306131 -	NM_053099	Setbp1	86047	79219884	79220084
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18	82644515	82755030 +	NM_010777	Mbp	99354	82743869	82744069
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18	84377094	84758897 -	NM_001033341	Zfp407	45732	84712965	84713165
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18	84836857	84851452 -	NM_001289531	Cndp2	-1550	84853002	84853202
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18	84836857	84855095 -	NM_023149	Cndp2	1893	84853002	84853202
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2	136717999	136894130 +	NM_028834	Slx4ip	149516	136867515	136867715
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2	140221166	142215787 +	NM_001013802	MacroD2	894038	141115204	141115404
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2	140221166	142215787 +	NM_001013802	Macro2	893697	141114863	141115063
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2	142444081	142727201 -	NM_001081133	Kif16b	23174	142703827	142704027
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2	143652264	143688910 -	NM_001291061	Bfsp1	-7861	143696771	143696971
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2	143741067	143769061 +	NM_019771	Dstn	-2863	143738004	143738204
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2	143858838	143899716 +	NM_001044750	Banf2	31476	143890314	143890514
2	143858838	143899716 +	NM_001044750	Banf2	40478	143899316	143899516
2	143858838	143899714 +	NM_207275	Banf2	31476	143890314	143890514
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2	143998886	144015027 -	NM_001033778	Gm5535	-9039	144024066	144024266
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2	143998886	144015027 -	NM_001033778	Gm5535	2498	144012329	144012529
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2	144075859	144096639 -	NM_001199188	Snx5	1909	144094530	144094730
2	144075859	144096639 -	NM_001199188	Snx5	11157	144085282	144085482
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2	144091718	144091939 -	NR_030762	Snord17	-2591	144094530	144094730
2	144091718	144091939 -	NR_030762	Snord17	-140	144092079	144092279
2	144096640	144106964 +	NM_001289630	Mgme1	-1910	144094530	144094730
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2	144096640	144106964 +	NM_001289631	Mgme1	-1910	144094530	144094730
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2	145068347	145467676 +	NM_053195	Slc24a3	283095	145351442	145351642
2	145611852	145713353 +	NM_028724	Rin2	36104	145647956	145648156
2	146067035	146337741 -	NM_001033348	Ralgapa2	68341	146269200	146269400
2	146067035	146337741 -	NM_001033348	Ralgapa2	13338	146324203	146324403
2	146067035	146337741 -	NM_001033348	Ralgapa2	23313	146314228	146314428
2	146067035	146337741 -	NM_001033348	Ralgapa2	264074	146073467	146073667
2	146368667	146371845 +	NR_040502	4933406D12Rik	-5165	146363302	146363502
2	146681625	146795826 +	NM_001033298	Kiz	103422	146785047	146785247
2	148506856	148518686 +	NM_028986	Gzf1	7727	148514583	148514783
2	150443847	150493977 -	NM_080575	Acss1	-260	150494237	150494437
2	150443847	150493977 -	NM_080575	Acss1	2953	150490824	150491024
2	150443847	150493977 -	NM_080575	Acss1	2082	150491695	150491895
2	150493230	150494669 +	NR_040331	E130215H24Rik	1007	150494237	150494437
2	150493230	150494669 +	NR_040331	E130215H24Rik	-2206	150490824	150491024
2	150493230	150494669 +	NR_040331	E130215H24Rik	-1335	150491695	150491895
2	150574817	150597411 +	NM_172117	Entpd6	-74	150574543	150574743
2	150574817	150597411 +	NM_172117	Entpd6	-3604	150571013	150571213
2	150658251	150730468 -	NM_024465	Abhd12	4245	150726023	150726223
2	150658251	150730468 -	NM_024465	Abhd12	-1379	150731847	150732047
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2	150735330	150751807 +	NM_001163476	Gins1	-9107	150726023	150726223
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2	150735330	150751807 +	NM_001163476	Gins1	-3283	150731847	150732047
2	150735330	150757017 +	NM_027014	Gins1	17476	150752806	150753006
2	150735330	150757017 +	NM_027014	Gins1	-9107	150726023	150726223
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2	150735330	150757017 +	NM_027014	Gins1	16617	150751947	150752147
2	150735330	150757017 +	NM_027014	Gins1	-3283	150731847	150732047
2	151398359	151415742 +	NM_145535	Sdcbp2	6836	151405195	151405395
2	151398359	151415742 +	NM_145535	Sdcbp2	-46	151398113	151398313
2	151416285	151458330 -	NM_001291076	Snph	30035	151428095	151428295
2	151416285	151458330 -	NM_001291077	Snph	30035	151428095	151428295
2	151416285	151458330 -	NM_198214	Snph	30035	151428095	151428295
2	151541798	151567047 -	NM_001305244	Psmf1	0	151567021	151567221
2	151541798	151567047 -	NM_212446	Psmf1	0	151567021	151567221
2	151737068	151770391 +	NM_009641	Angpt4	15884	151752952	151753152
2	151907265	151921539 +	NM_001160410	Scrt2	7592	151914857	151915057
2	151931260	151937113 +	NM_029688	Srxn1	3848	151935108	151935308
2	152052576	152107588 +	NM_007788	Csnk2a1	24615	152077191	152077391
2	152119608	152138327 +	NM_024196	Tbc1d20	-303	152119105	152119305
2	152142070	152158162 -	NM_001083921	Rbck1	-5902	152164064	152164264
2	152142070	152158376 -	NM_019705	Rbck1	-5688	152164064	152164264
2	152163161	152169797 -	NM_175093	Trib3	5533	152164064	152164264
2	152171405	152201059 +	NR_033505	Gm14164	14124	152185529	152185729
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2	152495197	152534405 +	NM_001159551	H13	37477	152532674	152532874
2	152495197	152534405 +	NM_010376	H13	37477	152532674	152532874
2	152561987	152563147 +	NM_010495	Id1	567	152562554	152562754
2	152584468	152656454 -	NM_001289739	Bcl2l1	19244	152637010	152637210
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2	152788221	152834219 +	NM_001083618	Ttll9	0	152788082	152788282
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2	152891691	152907472 +	NM_145536	Ccm2l	15328	152907019	152907219
2	152987037	153036200 +	NM_133847	Tm9sf4	25081	153012118	153012318
2	153048106	153051178 -	NM_198617	Tspyl3	-483	153051661	153051861
2	153053505	153067095 -	NM_018807	Plagl2	-8530	153075625	153075825
2	153067268	153095986 +	NM_080463	Pofut1	8357	153075625	153075825
2	153067268	153095986 +	NM_080463	Pofut1	17912	153085180	153085380
2	153166893	153171547 -	NR_040318	2500004C02Rik	-1613	153173160	153173360
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2	153233197	153270216 -	NM_001001986	Nol4l	1367	153268649	153268849
2	153233197	153270216 -	NM_001001986	Nol4l	18748	153251268	153251468
2	153233197	153355708 -	NM_001134300	Nol4l	86859	153268649	153268849
2	153233197	153355708 -	NM_001134300	Nol4l	3969	153351539	153351739
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2	153567023	153599051 +	NM_007896	Mapre1	4332	153571355	153571555
2	153700781	153721007 +	NM_025631	Bpifb2	17837	153718618	153718818
2	153726124	153738530 +	NM_199303	Bpifb6	-7306	153718618	153718818
2	154262220	154365093 +	NM_001285446	Cbfa2t2	71641	154333861	154334061
2	154262220	154365093 +	NM_009823	Cbfa2t2	71641	154333861	154334061
2	154262220	154365093 +	NM_172860	Cbfa2t2	71641	154333861	154334061
2	154439104	154472554 +	NM_199304	Zfp341	21012	154460116	154460316
2	154616846	154692998 +	NM_001139511	Raly	1268	154618114	154618314
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2	154616846	154692998 +	NM_001139512	Raly	1268	154618114	154618314
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2	154616846	154692998 +	NM_001139513	Raly	1268	154618114	154618314
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2	154616846	154692998 +	NM_023130	Raly	1268	154618114	154618314
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2	155343779	155388480 +	NM_019811	Acss2	29594	155373373	155373573
2	155372776	155382667 -	NR_040613	Acss2os	9094	155373373	155373573
2	155643468	155644940 -	NR_015528	BC029722	-841	155645781	155645981
2	155645573	155652662 -	NM_010579	Eif6	6681	155645781	155645981
2	155782294	155824637 +	NM_001129999	Cep250	33181	155815475	155815675
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2	155782294	155824637 +	NM_177217	Cep250	33181	155815475	155815675
2	155972976	156005975 -	NM_001291114	Rbm39	17522	155988253	155988453
2	155972976	156005317 -	NM_001291115	Rbm39	16864	155988253	155988453
2	155972976	156005975 -	NM_133242	Rbm39	17522	155988253	155988453
2	156022383	156135690 +	NM_172674	Phf20	-242	156021941	156022141
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2	156137582	156138441 -	NM_020255	Scand1	0	156138325	156138525
2	156138209	156201375 +	NM_027585	Cnbd2	116	156138325	156138525
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2	156439433	156590100 +	NM_001277186	Dlgap4	113302	156552735	156552935
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2	156540275	156546646 -	NR_040505	4930405A21Rik	-6089	156552735	156552935
2	156546701	156590100 +	NM_001042488	Dlgap4	6034	156552735	156552935
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2	156601200	156607394 +	NM_172118	Myl9	3198	156604398	156604598
2	156601200	156607394 +	NM_172118	Myl9	4201	156605401	156605601
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2	156753078	156817848 -	NM_013865	Ndrg3	724	156816924	156817124

2	156753078	156817848 -	NM_180956	Ndrg3	724	156816924	156817124
2	156923265	156960959 -	NM_001139520	Samhd1	9629	156951130	156951330
2	156923265	156960959 -	NM_001139520	Samhd1	7685	156953074	156953274
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2	156971630	157030271 -	NM_011249	Rbl1	19231	157010840	157011040
2	157000732	157030271 -	NM_001139516	Rbl1	19231	157010840	157011040
2	157034284	157105286 -	NM_001039557	Mroh8	34132	157070954	157071154
2	157193330	157222500 +	NM_026968	Manbal	-5423	157187707	157187907
2	157250029	157297575 +	NM_001025395	Src	-1031	157248798	157248998
2	157250029	157297575 +	NM_001025395	Src	1381	157251410	157251610
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2	157382098	157392098 -	NM_016916	Blcap	3040	157388858	157389058
2	157740389	157770456 +	NM_198627	Vstm2l	21231	157761620	157761820
2	157854233	157903944 +	NM_001291134	Rprd1b	43011	157897244	157897444
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2	157896100	157917534 -	NR_040609	2010009K17Rik	11019	157906315	157906515
2	157896100	157917534 -	NR_040609	2010009K17Rik	20090	157897244	157897444
2	158235589	158324990 +	NM_001291137	Ralgapb	-360	158235029	158235229
2	158235589	158324990 +	NM_001291138	Ralgapb	-360	158235029	158235229
2	158593835	158612374 +	NM_027975	Fam83d	9497	158603332	158603532
2	158593835	158612374 +	NM_027975	Fam83d	1604	158595439	158595639
2	160137137	160153231 -	NM_001033411	Gm826	-5097	160158328	160158528
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2	160471633	160548500 +	NM_009408	Top1	45404	160517037	160517237
2	160557046	160601497 +	NM_021280	Plcg1	-1279	160555567	160555767
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2	160706406	160731737 +	NM_022883	Lpin3	11355	160717761	160717961
2	160706406	160731737 +	NM_022883	Lpin3	9700	160716106	160716306
2	160713904	160731737 +	NM_001199118	Lpin3	3857	160717761	160717961
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2	161347724	162486884 -	NM_001291149	Ptprt	1004283	161482401	161482601
2	161347724	162486884 -	NM_001291149	Ptprt	470830	162015854	162016054
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2	163298281	163298740 +	NR_028122	2310001K24Rik	-9161	163288920	163289120
2	163319540	163367458 -	NR_027970	Hnf4aos	34832	163332426	163332626
2	163319540	163367458 -	NR_027970	Hnf4aos	9580	163357678	163357878
2	163319540	163367458 -	NR_027970	Hnf4aos	34127	163333131	163333331
2	163372924	163398644 +	NM_008261	Hnf4a	5586	163378510	163378710
2	163428050	163444750 +	NM_029512	Ttpal	-8682	163419168	163419368
2	163428050	163444750 +	NM_029512	Ttpal	7330	163435380	163435580
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2	166619267	166624993 +	NM_023815	Trp53rkb	-2669	166616398	166616598
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2	166861297	166888516 -	NM_001033196	Znfx1	2650	166885666	166885866
2	166888434	166891363 +	NM_001081005	1500012F01Rik	-2568	166885666	166885866
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2	167123945	167174679 -	NM_019835	B4galt5	3258	167171221	167171421
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2	167247210	167302501 +	NM_001304540	Slc9a8	-4900	167242110	167242310
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2	167306636	167318375 -	NM_170756	Spata2	6715	167311460	167311660
2	167318145	167341667 +	NM_030743	Rnf114	-6485	167311460	167311660
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2	173950539	174009420 -	NR_040530	Gm10714	51135	173958085	173958285
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3	16083183	16117039 +	NM_001145919	Ythdf3	26895	16110078	16110278
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3	130993409	131006146 -	NM_027816	Cyp2u1	-9119	131015265	131015465
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3	157557212	157588028 -	NM_145953	Cth	-6083	157594111	157594311
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4	4691501	4720454 -	NM_177730	Impad1	-4144	4724598	4724798
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4	15924268	15941025 -	NM_145950	Osgin2	-1049	15942074	15942274
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4	55423315	55431715 -	NR_040674	Gm12505	-7497	55439212	55439412
4	56823807	56878084 -	NM_018761	Ctnnal1	-7461	56885545	56885745
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4	57074598	57156029 -	NM_019427	Epb4.1l4b	822	57155007	57155207
4	57074598	57156029 -	NM_019427	Epb4.1l4b	19951	57135878	57136078
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4	57074598	57156029 -	NM_019427	Epb4.1l4b	24001	57131828	57132028
4	57203713	57314710 -	NM_011207	Ptpn3	19540	57294970	57295170
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4	100824579	100937888 -	NM_146145	Jak1	26013	100911675	100911875
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4	101026388	101071791 +	NR_040640	0610043K17Rik	13840	101040228	101040428
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4	101927347	102228530 +	NM_001177983	Pde4b	191882	102119229	102119429
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4	101927544	102279868 +	NM_019840	Pde4b	191685	102119229	102119429
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4	102903051	102963469 -	NM_001163494	4921539E11Rik	41104	102922165	102922365
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4	104040143	104352995 +	NM_010014	Dab1	162798	104202941	104203141
4	104040143	104352995 +	NM_010014	Dab1	95431	104135574	104135774
4	104040143	104417450 +	NM_177259	Dab1	3465	104043608	104043808
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4	136106448	136158639 -	NM_133872	Kdm1a	10402	136148037	136148237
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4	136485334	136512732 -	NM_007939	Epha8	-4978	136517710	136517910
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4	136976923	136986436 -	NM_026419	Cela3b	-83	136986519	136986719
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4	137150104	137214453 +	NM_130879	Usp48	403	137150507	137150707
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4	137860653	137868527 +	NM_007838	Ddost	-799	137859654	137859854
4	137869325	137882212 -	NM_026880	Pink1	-134	137882346	137882546
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4	140960272	140971904 -	NM_019701	Clcnkb	-5032	140976936	140977136
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5	66407788	66542218 -	NM_001291226	Rbm47	99067	66442951	66443151
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5	114453744	114475685 +	NM_010018	Dao	9200	114462944	114463144
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5	115956685	116005997 +	NM_011223	Pxn	25357	115982042	115982242
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5	116490543	116533256 -	NM_001101546	Tmem233	6299	116526757	116526957

5	117769275	117805016 +	NM_001033311	Vsig10	7250	117776525	117776725
5	117807314	117828599 +	NM_021539	Wsb2	3936	117811250	117811450
5	119010728	119215447 +	NM_172424	Med13l	130678	119141406	119141606
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5	120120871	120134734 +	NM_198052	Tbx3	5707	120126578	120126778
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5	120908211	120922773 -	NM_133902	Sdsl	6604	120915969	120916169
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5	122048290	122068948 -	NM_178799	Acad12	13536	122055212	122055412
5	122558061	122584903 -	NM_001289809	Ccdc63	-1944	122586847	122587047
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5	122734407	122774291 +	NM_177242	Pptc7	-2053	122732154	122732354
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5	122903522	122952235 -	NM_009722	Atp2a2	1658	122950377	122950577
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5	123237470	123271352 -	NM_001042491	Anapc5	22429	123248723	123248923
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5	123568189	123582639 -	NM_175092	Rhof	-2418	123585057	123585257
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5	123592202	123618640 +	NM_001040398	Setd1b	-6945	123585057	123585257
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5	124818711	124875924 -	NM_001081203	Sbno1	-6799	124882723	124882923
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5	124889939	124912321 +	NM_001310725	Setd8	11092	124901031	124901231
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5	125079633	125204826 +	NM_011596	Atp6v0a2	2863	125082496	125082696
5	125497523	125659585 -	NM_001253904	Ncor2	15177	125644208	125644408
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5	125497523	125659585 -	NM_011424	Ncor2	15177	125644208	125644408
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5	125921938	125941256 +	NM_029752	Bri3bp	16104	125938042	125938242
5	126012788	126272954 +	NM_001190352	Tmem132b	20986	126033774	126033974
5	129602625	129710475 +	NM_001081342	Adgrd1	-3070	129599355	129599555
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5	130221403	130224567 +	NM_025450	Mrps17	0	130221212	130221412
5	130230950	130264202 +	NM_008095	Gbas	-9538	130221212	130221412
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5	130505176	130536654 +	NM_007761	Crcp	-5317	130499659	130499859
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5	130647689	130690208 +	NM_001199059	Rabgef1	3062	130650751	130650951
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5	131913552	133018214 -	NM_177047	Auts2	810810	132207204	132207404
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5	134623928	134652638 -	NM_033572	Wbscr16	-331	134652969	134653169
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5	136036318	136039440 -	NM_001013412	Ccl26	-3999	136043439	136043639
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5	136514366	136520864 +	NM_175309	Upk3b	440	136514806	136515006
5	136598936	136611945 -	NM_027891	Lrwd1	-85	136612030	136612230
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5	137969357	137974458 -	NM_010312	Gnb2	-2784	137977242	137977442
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5	139452929	139470908 -	NM_008808	Pdgfa	2676	139468032	139468232
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5	142877451	142937970 +	NM_199068	Foxk1	24093	142901544	142901744
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5	143200558	143579067 -	NM_001122730	Tnrc18	57589	143521278	143521478
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5	144165499	144182956 +	NM_025841	Kdelr2	-3047	144162252	144162452
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5	144471195	144493150 -	NM_029749	Usp42	-6817	144499967	144500167
5	144578661	144663587 +	NM_013557	Eif2ak1	84717	144663378	144663578
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5	144651610	144655937 -	NM_001310772	Ankrd61	-7441	144663378	144663578
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5	144663573	144670709 -	NM_001172146	Aimp2	7131	144663378	144663578
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5	147043251	147114451 +	NM_153599	Cdk8	19079	147062330	147062530
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6	50243326	50406170 -	NM_001163645	Osbp13	97568	50308402	50308602
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6	51494522	51540670 +	NM_001127348	Snx10	35784	51530306	51530506
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6	51809164	51962549 -	NM_018773	Skap2	56222	51906127	51906327
6	52052948	52063684 +	NR_110440	Halr1	10214	52063162	52063362
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6	52718062	53018619 -	NM_173406	Jazf1	182284	52836135	52836335
6	52718062	53018619 -	NM_173406	Jazf1	96084	52922335	52922535
6	53823273	53928668 -	NM_001289713	Cpvl	38545	53889923	53890123
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6	53989926	54251807 +	NM_001163640	Chn2	250131	54240057	54240257
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6	54402877	54453763 +	NM_001167860	Wipf3	28811	54431688	54431888
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6	57702258	57775120 -	NM_146168	Vopp1	55581	57719339	57719539
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6	66985090	66987402 -	NM_007836	Gadd45a	0	66987378	66987578
6	66986593	67030647 +	NR_040278	E230016M11Rik	785	66987378	66987578
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6	67242012	67326132 -	NM_008354	Il12rb2	7082	67318850	67319050
6	70715714	70742170 -	NM_009075	Rpia	1006	70740964	70741164
6	70715714	70742170 -	NM_009075	Rpia	1916	70740054	70740254
6	70794521	70855235 +	NM_010121	Eif2ak3	-490	70793831	70794031
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6	72047602	72104565 +	NM_001035228	St3gal5	20041	72067643	72067843
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6	72515916	72548408 -	NM_001253692	Elmod3	14041	72534167	72534367
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6	72558415	72566995 -	NM_009443	Tgoln1	-3194	72570189	72570389
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6	72579282	72587712 +	NR_040422	Gm15401	-8893	72570189	72570389
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6	79968871	80760138 +	NM_001134743	Lrrtm4	37643	80006514	80006714
6	82675021	82724449 -	NM_013820	Hk2	-1613	82726062	82726262
6	82675021	82724449 -	NM_013820	Hk2	-2702	82727151	82727351
6	82675021	82724449 -	NM_013820	Hk2	10140	82714109	82714309
6	82675021	82724449 -	NM_013820	Hk2	1871	82722378	82722578
6	82675021	82724449 -	NM_013820	Hk2	5813	82718436	82718636
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6	82675021	82724449 -	NM_013820	Hk2	17500	82706749	82706949
6	82675021	82724449 -	NM_013820	Hk2	27002	82697247	82697447
6	82896916	82980304 +	NM_033079	M1ap	68314	82965230	82965430
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6	83028384	83030850 +	NM_197992	Pcgf1	0	83028333	83028533
6	83036359	83038236 +	NM_010692	Lbx2	-7826	83028333	83028533
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6	83299478	83308387 +	NM_175277	Bola3	7243	83306721	83306921
6	83312368	83391673 -	NM_183138	Tet3	19013	83372460	83372660
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6	83745051	83752551 +	NM_019542	Nagk	477	83745528	83745728
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6	83958592	84161054 +	NM_001077694	Dysf	86599	84045191	84045391
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6	108163090	108501111 +	NM_010585	ltpr1	319532	108482622	108482822
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6	108527030	108610929 -	NR_104577	0610040F04Rik	25125	108585604	108585804
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6	108733053	108773718 +	NM_026011	Arl8b	-4841	108728012	108728212
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6	113678046	113690676 -	NM_024206	Sec13	2793	113687683	113687883
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6	114593119	114810633 +	NM_001253717	Atg7	157853	114750972	114751172
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6	115533565	115542595 -	NM_001101431	Mkrn2os	477	115541918	115542118
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6	115968636	116143393 -	NM_177412	Tmcc1	129085	116014108	116014308
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6	116360089	116411197 -	NM_009662	Alox5	7861	116403136	116403336
6	116443629	116444559 +	NM_146912	Olf211	-6172	116437257	116437457
6	116574034	116578947 -	NM_001302439	Zfp422	-6448	116585395	116585595
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6	119303168	119367502 -	NM_197985	Adipor2	11844	119355458	119355658
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6	122527810	122552463 -	NM_001134391	Apobec1	10703	122541560	122541760
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6	122770202	122795385 +	NM_021899	Foxj2	6229	122776431	122776631
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6	124380774	124414803 -	NM_153508	Clstn3	15811	124398792	124398992
6	124443131	124460662 +	NM_181344	C1rl	-5289	124437642	124437842
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6	124613122	124654735 +	NM_145130	Lpcat3	20757	124633879	124634079
6	124613122	124654735 +	NM_145130	Lpcat3	23043	124636165	124636365
6	124613122	124654735 +	NM_145130	Lpcat3	30659	124643781	124643981
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6	124613122	124654735 +	NM_145130	Lpcat3	14720	124627842	124628042
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6	124654388	124662197 -	NM_013536	Emg1	-7497	124669694	124669894
6	124667932	124668004 -	NR_029554	Mir141	-1690	124669694	124669894
6	124668340	124668409 -	NR_029792	Mir200c	-1285	124669694	124669894
6	124689202	124691098 -	NM_013535	Grcc10	-9444	124700542	124700742

6	124692562	124706506 -	NM_007881	Atn1	5764	124700542	124700742
6	125017938	125032491 +	NM_001163269	Lpar5	3431	125021369	125021569
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6	125256589	125263889 -	NM_010736	Ltbr	334	125263355	125263555
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6	125299741	125312502 +	NM_011609	Tnfrsf1a	1807	125301548	125301748
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6	125312669	125330523 -	NM_198604	Plekhg6	-433	125330956	125331156
6	125640437	125990147 +	NM_153589	Ano2	186453	125826890	125827090
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6	126771881	126799163 -	NM_025358	Ndufa9	0	126799143	126799343
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6	127035134	127059571 -	NM_177003	Tigar	892	127058479	127058679
6	127075727	127101067 -	NM_009829	Ccnd2	5297	127095570	127095770
6	127099407	127162438 +	NR_040274	9330179D12Rik	-3637	127095570	127095770
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7	29099915	29123739 -	NM_013676	Supt5	-7718	29131457	29131657
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7	29501801	29523160 +	NM_001310687	Fbxo17	15507	29517308	29517508
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7	52717065	52722269 -	NM_007527	Bax	-8585	52730854	52731054
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7	100023763	100083092 +	NM_028243	Prcp	-115	100023448	100023648
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7	104728406	104841293 +	NM_001081267	Rsf1	57904	104786310	104786510
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7	104746859	104793623 -	NR_126461	Rsf1os1	7113	104786310	104786510
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7	104874889	104886758 -	NM_175105	Aqp11	1030	104885528	104885728
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7	105588926	105625989 +	NM_001130693	Gucy2d	-6049	105582677	105582877

7	105851873	105866572 +	NM_028410	Prkrir	7034	105858907	105859107
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7	107230623	107270011 -	NM_133692	Pold3	-5346	107275357	107275557
7	107325180	107333380 +	NM_001190869	Kcne3	4646	107329826	107330026
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7	109118357	109163474 +	NM_133947	Numa1	3821	109122178	109122378
7	109168386	109213647 -	NM_029211	Rnf121	899	109212548	109212748
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7	111487268	111501873 -	NM_001146007	Trim12c	5041	111496632	111496832
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7	111736269	111737295 +	NM_146379	Olfr654	-4847	111731222	111731422
7	111744767	111745694 -	NM_146820	Olfr655	-2571	111748265	111748465
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7	114144389	114146120 -	NM_010983	Olfr2	-1670	114147790	114147990
7	114738565	114888411 +	NM_008905	Ppfibp2	68649	114807214	114807414
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7	117265573	117286814 +	NM_009516	Wee1	-396	117264977	117265177
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7	119167020	119254901 +	NM_133758	Usp47	1442	119168462	119168662
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7	121458993	121558676 -	NR_029437	4933406I18Rik	52965	121505511	121505711
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7	125628626	125635490 -	NM_001033380	Itpripl2	-723	125636213	125636413
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7	125832072	125849253 -	NM_019580	Gde1	464	125848589	125848789
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7	125856125	125880533 +	NM_182995	Ccp110	-7336	125848589	125848789
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7	125985732	125999513 -	NM_001168218	Knop1	10509	125988804	125989004
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7	126630101	126666997 -	NM_027943	Pdilt	-3763	126670760	126670960
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7	126669779	126686875 +	NM_178758	Acsm5	981	126670760	126670960
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7	126904437	126928411 +	NM_016870	Acsm3	8983	126913420	126913620
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7	129177676	129210601 -	NM_026140	Ears2	-7366	129217967	129218167
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7	129231558	129245363 -	NM_028177	Ndufab1	6581	129238582	129238782
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7	129276555	129292559 +	NM_021608	Dctn5	-921	129275434	129275634
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7	132695796	132722989 +	NM_001008700	Il4ra	9055	132704851	132705051
7	132784468	132851203 -	NM_207239	Gtf3c1	2539	132848464	132848664
7	132851390	133018312 +	NM_001081022	D430042O09Rik	139801	132991191	132991391
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7	133416133	133438514 +	NM_145587	Sbk1	12331	133428464	133428664
7	133526368	133540252 -	NM_010900	Nfatc2ip	-46	133540298	133540498
7	133690425	133709881 -	NM_146200	Eif3c	-74	133709955	133710155
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7	133903140	133909331 +	NM_011952	Mapk3	641	133903781	133903981
7	133909928	133919160 +	NM_024228	Gdpd3	-5947	133903781	133903981
7	133920489	133924029 +	NM_025347	Ypel3	3263	133923752	133923952
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7	133929382	133935986 -	NM_019674	Ppp4c	-5952	133941938	133942138
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7	133938748	133942693 -	NM_001177307	Aldoa	555	133941938	133942138
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7	134355122	134357802 +	NM_016754	Mylpf	-2216	134352706	134352906
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7	134542430	134542515 +	NR_030454.1	Mir684-1	1555	134543985	134544185
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7	134562480	134565549 -	NM_026999	Zfp688	-4407	134569956	134570156
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7	135754879	135839951 +	NM_178641	Inpp5f	61028	135815907	135816107
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7	140019144	140044331 -	NM_028095	Mettl10	-6977	140051308	140051508
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7	141862370	142365331 +	NM_001033420	Dock1	389029	142251399	142251599
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7	142703139	142720338 -	NM_178669	Clrn3	139	142719999	142720199
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7	146027501	146037951 -	NM_001045483	Mapk1ip1	662	146037089	146037289
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7	146038069	146074740 +	NM_026391	Ppp2r2d	-780	146037089	146037289
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7	146434381	146453153 +	NM_001033206	Pwwp2b	4124	146438505	146438705
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7	146575008	146765552 +	NM_001127363	Inpp5a	39389	146614397	146614597
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7	147311584	147320234 +	NM_153783	Paox	-5852	147305532	147305732
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7	148578059	148588876 +	NM_011528	Taldo1	-1847	148576012	148576212
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7	148612350	148615320 -	NM_021316	Cend1	-7663	148622983	148623183
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7	148615648	148620494 -	NM_001177576	Slc25a22	-2489	148622983	148623183
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7	148679035	148725757 -	NM_001142681	Chid1	21963	148703594	148703794
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7	148748079	148818911 +	NM_007459	Ap2a2	47987	148796066	148796266
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7	150743135	150785996 -	NM_001252593	Cars	4777	150781019	150781219
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7	150820713	150835570 -	NM_001311145	Tnfrsf22	0	150835543	150835743
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7	150949615	150952899 -	NM_203492	Mrgprg	-1393	150954292	150954492
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7	151009072	151034316 +	NM_007856	Dhcr7	11803	151020875	151021075
7	151361425	151608581 +	NM_001113373	Shank2	227124	151588549	151588749
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7	151774454	151924498 -	NM_001242349	Ano1	126737	151797561	151797761
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7	152082437	152086857 +	NM_008003	Fgf15	1849	152084286	152084486
8	3150922	3279618 -	NM_010568	Insr	13944	3265474	3265674
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8	3393008	3456601 +	NM_133962	Arhgef18	18973	3411981	3412181
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8	4325210	4360021 +	NR_033527	Ccl25	25522	4350732	4350932
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8	13884788	13890272 -	NM_025556	Coprs	-7241	13897513	13897713

8	13884788	13890272 -	NM_025556	Coprs	-6705	13896977	13897177
8	14027565	14090328 -	NM_001034862	Erich1	5156	14084972	14085172
8	14095875	14847687 +	NM_001145965	Dlgap2	210891	14306766	14306966
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8	15892545	17535386 -	NM_053171	Csmd1	1457050	16078136	16078336
8	18595173	18803189 +	NM_173189	Mcph1	187254	18782427	18782627
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8	23238758	23272967 -	NM_001162947	Nek3	8077	23264690	23264890
8	23393913	23481891 +	NM_199257	Tpte	82476	23476389	23476589
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8	23486022	23509094 -	NM_181325	Slc25a15	3861	23505033	23505233
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8	23573086	23587352 -	NM_001012667	Smim19	-4525	23591877	23592077
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8	23897826	23916127 -	NM_001122820	Ap3m2	-3510	23919637	23919837
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8	24085308	24260970 +	NM_001110783	Ank1	53280	24138588	24138788
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8	26712073	26788445 +	NM_001308481	Whsc111	28101	26740174	26740374
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8	26830520	26835360 +	NM_001293703	Ppapdc1b	325	26830845	26831045
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8	26896063	26914448 +	NM_026032	Lsm1	-1075	26894788	26894988
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8	26918985	26926455 +	NM_011485	Star	3467	26922452	26922652
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8	26926473	26958167 -	NM_001080793	Ash2l	28231	26929736	26929936
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8	26926473	26958167 -	NM_001080793	Ash2l	18507	26939460	26939660
8	26926473	26950930 -	NM_001286207	Ash2l	20994	26929736	26929936
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8	37157882	37210842 +	NM_172911	D8Ertd82e	3051	37160933	37161133
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8	46391156	46418551 -	NM_133969	Cyp4v3	3577	46414774	46414974
8	46593142	46913261 +	NM_001205219	Sorbs2	283164	46876306	46876506
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8	47292698	47296364 -	NM_007450	Slc25a4	505	47295659	47295859
8	47556391	47621406 +	NM_007981	Acsl1	30069	47586460	47586660
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8	47660948	47702555 -	NM_001001184	Primpol	5446	47696909	47697109
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8	47825099	47932813 +	NM_008391	Irf2	25318	47850417	47850617
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8	49311019	49760045 -	NM_001145937	Tenm3	4692	49755153	49755353
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8	59010319	59029364 -	NM_001009951	Cep44	-2226	59031590	59031790
8	59029931	59072737 +	NM_015791	Fbxo8	1659	59031590	59031790
8	59934720	59956383 +	NM_009136	Scrg1	12817	59947537	59947737
8	59961499	59966658 -	NM_021788	Sap30	521	59965937	59966137
8	59966760	59989060 +	NR_126553	2500002B13Rik	-623	59965937	59966137
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8	67196942	67212376 -	NM_025436	Msmo1	2192	67209984	67210184
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8	67218472	67373823 -	NM_178633	Klhl2	44376	67329247	67329447
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8	67609513	67653437 -	NR_033217	BC030870	29971	67623266	67623466
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8	70212981	70342195 -	NM_027626	Psd3	65354	70276641	70276841
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8	71561607	71613122 -	NM_153054	Slc18a1	11798	71601124	71601324
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8	72430968	72498283 -	NM_001113346	Gatad2a	1043	72497040	72497240
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8	72596823	72603966 +	NM_001293795	Tm6sf2	1284	72598107	72598307
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8	72607428	72614762 +	NM_177900	Hapln4	-9121	72598107	72598307
8	72663398	72691388 +	NM_001310055	2310045n01rik-me	27917	72691315	72691515
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8	72696307	72707581 +	NM_001293797	Tmem161a	-4792	72691315	72691515
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8	73063574	73116758 +	NM_007924	Ell	12759	73076333	73076533
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8	73197130	73202652 +	NM_015816	Lsm4	1652	73198782	73198982
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8	73292080	73300612 -	NM_008841	Pik3r2	-502	73301114	73301314
8	73300761	73301506 +	NR_029440	2010320M18Rik	353	73301114	73301314
8	73796613	73884612 +	NM_001142322	Myo9b	33410	73830023	73830223
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8	74058161	74061337 -	NM_198095	Bst2	17	74061120	74061320
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8	74116083	74120167 +	NM_001294269	Pgls	-218	74115665	74115865
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8	74150612	74195657 -	NM_001029873	Unc13a	13039	74182418	74182618
8	74685099	74705266 +	NM_023126	Rab8a	-769	74684130	74684330
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8	74764031	74781279 +	NM_007456	Ap1m1	-376	74763455	74763655

8	75001894	75016514 -	NM_177766	Slc35e1	2756	75013558	75013758
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8	75338498	75876456 -	NM_010687	Large	250918	75625338	75625538
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8	79426407	79767539 +	NM_001083906	Nr3c2	214419	79640826	79641026
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8	83504632	83538806 -	NM_027554	Usp38	3294	83535312	83535512
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8	83866461	84646470 +	NM_001024617	Inpp4b	498133	84364594	84364794
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8	85836531	85856386 -	NM_001170691	Elmod2	6769	85849417	85849617
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8	86479593	86494095 +	NM_024184	Asf1b	219	86479812	86480012
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8	87213146	87223708 +	NM_001164559	Trmt1	-359	87212587	87212787
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8	90642658	90659097 +	NM_029074	Cnep1r1	419	90643077	90643277
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8	91171246	91212374 +	NM_145857	Nod2	26390	91197636	91197836
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8	95544114	95572092 -	NM_001013764	Ces1a	-7158	95579250	95579450
8	95580626	95603917 -	NM_001081372	Ces1b	16285	95587432	95587632
8	95780135	95803636 -	NM_144930	Ces1f	3088	95800348	95800548
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8	96334738	96484595 +	NM_001113384	Gnao1	122262	96457000	96457200
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8	96996663	97051173 +	NM_001033207	Nlrc5	18351	97015014	97015214
8	97190500	97198358 +	NM_024191	Arl2bp	-5777	97184523	97184723
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8	97198795	97220143 -	NM_026385	Plip	-6586	97226729	97226929
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8	97387728	97400213 -	NM_053246	Dok4	1864	97398149	97398349
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8	97623728	97666441 -	NM_001145831	Kifc3	-3571	97670012	97670212
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8	97850036	97855851 -	NM_024467	Zfp319	-8851	97864702	97864902
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8	98243351	98331363 -	NM_001205226	Cnot1	11510	98319653	98319853
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8	106774761	106788837 +	NM_001037841	Cklf	-8469	106766092	106766292
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8	106872093	106919708 -	NM_153582	Cmtm4	5276	106914232	106914432
8	106970619	107033788 -	NM_180958	Ccdc79	16698	107016890	107017090
8	107115368	107120750 +	NM_001024606	Pdp2	4784	107120152	107120352
8	107115368	107120750 +	NM_001024606	Pdp2	-311	107114857	107115057
8	107125815	107148297 -	NM_001252628	Cdh16	-6689	107154986	107155186
8	107138039	107148297 -	NM_001252627	Cdh16	-6689	107154986	107155186
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8	107151966	107155222 -	NM_019662	Rrad	-9683	107164905	107165105
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8	107163739	107165629 -	NM_026753	Fam96b	524	107164905	107165105
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8	107257903	107265535 +	NM_133960	Ces2a	-1677	107256026	107256226
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8	107524753	107544311 +	NM_001272045	Ces2h	-6263	107518290	107518490
8	107607655	107617492 +	NM_001159415	Ces3b	0	107607645	107607845
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8	107776538	107779054 -	NM_001271915	B3gnt9	-6634	107785688	107785888
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8	107782475	107788495 -	NM_001033161	Tradd	2607	107785688	107785888
8	107788548	107793227 +	NM_015821	Fbxl8	-2660	107785688	107785888
8	107793701	107799746 +	NM_001256042	Hsf4	-7813	107785688	107785888
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8	107991392	107995323 -	NM_026481	Tppp3	-207	107995530	107995730
8	108048370	108089941 -	NM_013477	Atp6v0d1	5452	108084289	108084489
8	108160438	108206823 +	NM_181322	Ctcf	38006	108198444	108198644
8	108240013	108282508 -	NM_027469	Gfod2	3654	108278654	108278854
8	108351644	108368577 +	NM_024445	Tsnaxip1	11586	108363230	108363430
8	108535378	108577741 +	NM_001301176	Dus2	36912	108572290	108572490
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8	108655083	108660875 -	NM_176838	Esrp2	-1091	108661966	108662166
8	108659300	108662623 +	NR_040344	1810019D21Rik	2666	108661966	108662166
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8	108674299	108688616 +	NM_133792	Pla2g15	-80	108674019	108674219

8	108692775	108722605 +	NM_178798	Slc7a6	-2591	108689984	108690184
8	108776448	108861889 -	NM_021491	Smpd3	48368	108813321	108813521
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8	108806129	108859655 +	NR_126090	4930506A18Rik	7192	108813321	108813521
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8	109111043	109118721 +	NR_045470	1110028F18Rik	1718	109112761	109112961
8	109111043	109118721 +	NR_045470	1110028F18Rik	-9786	109101057	109101257
8	109127268	109194147 +	NM_009864	Cdh1	5289	109132557	109132757
8	109127268	109194147 +	NM_009864	Cdh1	19864	109147132	109147332
8	109127268	109194147 +	NM_009864	Cdh1	20458	109147726	109147926
8	109127268	109194147 +	NM_009864	Cdh1	17251	109144519	109144719
8	109127268	109194147 +	NM_009864	Cdh1	6279	109133547	109133747
8	109127268	109194147 +	NM_009864	Cdh1	-297	109126771	109126971
8	109127268	109194147 +	NM_009864	Cdh1	-2785	109124283	109124483
8	109674561	109711371 +	NM_025558	Cyb5b	0	109674422	109674622
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8	109780064	109983275 +	NR_039557.3	Mir5098	181038	109961102	109961302
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8	109960298	110082496 +	NM_025830	Wwp2	804	109961102	109961302
8	111238544	111485537 +	NM_007496	Zfhx3	213916	111452460	111452660
8	111238544	111485537 +	NM_007496	Zfhx3	44113	111282657	111282857
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8	112302483	112388110 +	NM_001301211	Ap1g1	76950	112379433	112379633
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8	112392503	112468572 +	NM_001122594	Phlpp2	55560	112448063	112448263
8	112392503	112468572 +	NM_001122594	Phlpp2	75184	112467687	112467887
8	112392503	112468572 +	NM_001122594	Phlpp2	60374	112452877	112453077
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8	112392503	112468572 +	NM_001122594	Phlpp2	15999	112408502	112408702
8	112392503	112468572 +	NM_001122594	Phlpp2	15597	112408100	112408300
8	112392503	112468572 +	NM_001122594	Phlpp2	-3448	112388855	112389055
8	112552975	112563235 -	NM_011998	Chst4	-338	112563573	112563773
8	112571332	112581077 +	NR_131069	8030455M16Rik	-7559	112563573	112563773
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8	112603634	112616653 +	NM_175480	Zfp612	-7811	112595623	112595823
8	112790877	113134154 +	NM_172916	Hydin	82521	112873398	112873598
8	113142538	113244300 +	NM_146216	Vac14	-373	113141965	113142165
8	113265729	113329825 -	NM_001135100	Il34	15146	113314479	113314679
8	113265729	113329825 -	NM_029646	Il34	15146	113314479	113314679
8	113443765	113496398 +	NM_009179	St3gal2	45832	113489597	113489797
8	113498891	113521724 -	NM_007916	Ddx19a	0	113521721	113521921
8	113527086	113555652 -	NM_001190786	Ddx19b	-5567	113561219	113561419
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8	113527086	113551671 -	NM_001190800	Ddx19b	-9548	113561219	113561419
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8	113527086	113551671 -	NM_172284	Ddx19b	-9548	113561219	113561419
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8	113557742	113579470 +	NM_146217	Aars	3477	113561219	113561419
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8	113974100	113974223 +	NR_105819	Mir1957b	-4339	113969561	113969761
8	114150171	114154223 -	NM_027570	Ldhd	-7532	114161755	114161955
8	114167343	114194909 +	NM_001037665	Zfp1	-5388	114161755	114161955
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8	114167343	114194912 +	NM_011742	Zfp1	-5388	114161755	114161955
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8	114234375	114267750 -	NM_009954	Bcar1	-3997	114271747	114271947
8	114388798	114400576 -	NM_025781	Tmem170	1164	114399212	114399412
8	116159486	116169093 +	NM_001048143	Mon1b	215	116159701	116159901
8	116159699	116169093 +	NM_173015	Mon1b	2	116159701	116159901
8	116167113	116179434 +	NM_001048145	Syce1l	-7212	116159701	116159901
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8	116963552	117876613 +	NM_019573	Wwox	710893	117674445	117674645
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8	119519579	119606350 -	NM_029686	Pkd1l2	-7439	119613789	119613989
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8	119619765	119657621 +	NM_001163028	Bco1	1110	119620875	119621075
8	119619765	119657621 +	NM_001163028	Bco1	19932	119639697	119639897
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8	119619765	119657621 +	NM_021486	Bco1	-5776	119613789	119613989
8	119682035	119729087 +	NM_001081151	Gan	-1083	119680752	119680952
8	119682035	119729087 +	NM_001081151	Gan	-3313	119678522	119678722
8	119780919	119985406 +	NM_001163262	Cmip	51115	119832034	119832234
8	119780919	119985406 +	NM_001163262	Cmip	70210	119851129	119851329
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8	120022191	120159043 +	NM_172285	Plcg2	3898	120026089	120026289
8	120022191	120159043 +	NM_172285	Plcg2	127532	120149723	120149923
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8	120225846	120282930 +	NM_008290	Hsd17b2	12799	120238645	120238845
8	120225846	120282930 +	NM_008290	Hsd17b2	-894	120224752	120224952
8	120225846	120282930 +	NM_008290	Hsd17b2	-5963	120219683	120219883
8	120315545	120325830 -	NM_026758	Mphosph6	0	120325679	120325879
8	121961062	121970157 +	NM_027950	Osgin1	3875	121964937	121965137
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8	121970619	121996536 +	NM_054095	Necab2	-5482	121964937	121965137
8	122003503	122025599 -	NM_001009950	Slc38a8	13070	122012329	122012529

8	122032052	122082662 -	NM_001167910	Mbtps1	27587	122054875	122055075
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8	122099135	122122355 +	NM_026648	Dnaaf1	2884	122102019	122102219
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8	122190265	122211921 +	NM_023395	Wfdc1	3171	122193436	122193636
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8	122333114	122364480 -	NM_028071	Cotl1	27281	122336999	122337199
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8	122434260	122481460 +	NM_001310630	Usp10	-1968	122432092	122432292
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8	122604995	122625373 -	NM_133967	Zdhhc7	-8	122625381	122625581
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8	123012766	123105284 +	NM_198671	Gse1	3937	123016703	123016903
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8	123621457	123632280 -	NM_001166482	Mthfsd	-80	123632360	123632560
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8	123621457	123632280 -	NM_172761	Mthfsd	-3221	123635501	123635701
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8	124122603	124175834 -	NM_080855	Zcchc14	48779	124126855	124127055
8	124405046	124431587 -	NM_011404	Slc7a5	-444	124432031	124432231
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8	124431733	124442329 +	NM_001033485	BC048644	298	124432031	124432231
8	124431733	124442329 +	NM_001033485	BC048644	1580	124433313	124433513
8	124474392	124553161 +	NM_001110100	Banp	7928	124482320	124482520
8	124474392	124553161 +	NM_001285981	Banp	7928	124482320	124482520
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8	124806041	124861148 +	NM_009569	Zfpm1	701	124806742	124806942
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8	124806041	124861148 +	NM_009569	Zfpm1	12193	124818234	124818434
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8	124806041	124861148 +	NM_009569	Zfpm1	14390	124820431	124820631
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8	124806041	124861148 +	NM_009569	Zfpm1	2386	124808427	124808627
8	125098537	125100808 -	NM_009698	Aprt	2042	125098566	125098766
8	125149036	125202076 -	NM_001109873	Cbfa2t3	41957	125159919	125160119
8	125149036	125202076 -	NM_001109873	Cbfa2t3	42449	125159427	125159627
8	125149036	125223010 -	NM_009824	Cbfa2t3	62891	125159919	125160119
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8	125149036	125202076 -	NM_177289	Cbfa2t3	41957	125159919	125160119
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8	125710135	125725714 +	NM_007876	Dpep1	10747	125720882	125721082
8	125756158	125760110 -	NM_030176	Spata2l	613	125759297	125759497
8	125758991	125766260 +	NR_045849	4933417D19Rik	306	125759297	125759497
8	125856613	125893419 +	NM_172287	Spire2	19970	125876583	125876783
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8	126177829	126187781 +	NM_133955	Rhou	-4340	126173289	126173489
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8	126329896	126359192 +	NM_009003	Rab4a	14835	126344731	126344931
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8	127195227	127245876 -	NM_145607	Ttc13	-254	127246130	127246330
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8	127578095	127785052 +	NM_174853	Disc1	13441	127591536	127591736
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8	128950552	128998966 -	NM_001159907	Gm17296	-3806	129002772	129002972
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8	129587956	129925960 +	NM_001122850	Pard3	314718	129902674	129902874
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8	129587956	130136187 +	NM_033620	Pard3	264542	129852498	129852698
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8	129823552	129925960 +	NM_001013580	Pard3	28946	129852498	129852698
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9	3038669	3038744 -	NR_039546	Mir101c	445	3038099	3038299
9	3038669	3038744 -	NR_039546	Mir101c	2791	3035753	3035953
9	3335231	3385847 +	NM_026303	Alkbh8	-4005	3331026	3331226
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9	5308849	5336792 +	NM_007609	Casp4	23693	5332542	5332742
9	7628231	7674969 +	NM_013903	Mmp20	24543	7652774	7652974
9	7764077	7794333 +	NM_133739	Tmem123	21892	7785969	7786169
9	7784390	7784441 +	NR_049191	Mir5618	1579	7785969	7786169
9	7848701	7873171 -	NM_007464	Birc3	17546	7855425	7855625
9	7932001	8004597 -	NM_001171147	Yap1	1038	8003359	8003559
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9	8994953	9239014 -	NM_027823	Arhgap42	19588	9219226	9219426
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9	13424433	13513978 +	NM_001013813	Maml2	85010	13509443	13509643
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9	14506802	14545178 -	NM_177905	Piwil4	-3164	14548342	14548542
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9	14856285	14916553 -	NM_001164797	Heph11	47687	14868666	14868866
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9	15309939	15349704 +	NM_133214	Smco4	24499	15334438	15334638
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9	19370879	19371827 -	NM_146522	Olfr854	-7989	19379816	19380016
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9	20272993	20297191 -	NM_001110309	Zfp426	0	20297057	20297257
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9	20385772	20399638 +	NM_172919	Zfp846	-68	20385504	20385704
9	20574494	20619479 -	NM_016919	Col5a3	32555	20586724	20586924
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9	20836482	20843481 +	NM_008319	Icam5	-1158	20835124	20835324
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9	20871958	20896453 -	NR_038081	Gm38431	802	20895451	20895651
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9	21069729	21079282 +	NM_153583	Atg4d	-3	21069526	21069726
9	21125163	21159473 +	NM_001199186	Slc44a2	26159	21151322	21151522
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9	21209686	21216165 -	NR_045742	Gm16853	1490	21214475	21214675
9	21216281	21224724 +	NM_021888	Qtrt1	-1606	21214475	21214675
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9	21528020	21554363 +	NM_001252658	Ldlr	-4091	21523729	21523929
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9	21931171	21936310 -	NM_001102404	Acp5	-5771	21942081	21942281
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9	22280159	22692725 +	NM_178415	Bbs9	42859	22323018	22323218
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9	24912574	24956281 -	NM_020586	Herpud2	33610	24922471	24922671
9	25289182	25411696 +	NM_026189	Eepd1	81840	25371022	25371222

9	25289182	25411696 +	NM_026189	Eepd1	107068	25396250	25396450
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9	31653629	31720871 -	NM_013800	Barx2	39420	31681251	31681451
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9	32229789	32349038 -	NM_008026	Fli1	115262	32233576	32233776
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9	34924313	34938508 +	NR_029475	4930581F22Rik	13803	34938116	34938316
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9	64770668	64799415 -	NM_144813	Slc24a1	16872	64782343	64782543
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9	65246295	65260515 +	NM_001033158	Rasl12	-5352	65240743	65240943
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9	66006033	66120050 +	NM_010019	Dapk2	75438	66081471	66081671
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9	70390585	70439880 +	NM_026337	Sltm	-9175	70381210	70381410
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9	70526808	70628037 +	NM_007399	Adam10	91540	70618348	70618548
9	70645935	70782616 -	NM_008280	Lipc	128472	70653944	70654144

9	70645935	70782616 -	NM_008280	Lipc	7665	70774751	70774951
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9	70958466	71010441 -	NM_001271843	Aqp9	24847	70985394	70985594
9	70958466	71011097 -	NM_022026	Aqp9	25503	70985394	70985594
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9	71016583	71055930 +	NR_110517	Gm32511	17124	71033707	71033907
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9	71692059	71959009 -	NM_001253862	Tcf12	108349	71850460	71850660
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9	74800860	74880276 +	NM_001113283	Fam214a	71206	74872066	74872266
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9	75345591	75407465 -	NM_016963	Tmod3	12216	75395049	75395249
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9	76338512	76393612 -	NM_001045518	Fam83b	1695	76391717	76391917
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9	77278630	77392660 -	NM_001146048	Lrrc1	20789	77371671	77371871
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9	77765172	77832327 +	NM_134255	Elovl5	4206	77769378	77769578
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9	77956999	78019917 +	NM_001163780	Ick	14265	77971264	77971464
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9	83728296	83763101 +	NM_001110265	Ttk	671	83728967	83729167
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9	86474970	86581207 -	NM_001198933	Me1	-8927	86590134	86590334

9	86474970	86589948 -	NM_008615	Me1	-186	86590134	86590334
9	86589475	86595287 +	NR_045835	A330041J22Rik	659	86590134	86590334
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9	90096887	90165608 -	NM_194334	Tbc1d2b	469	90164939	90165139
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9	95758016	95852064 +	NM_019864	Atr	56362	95814378	95814578
9	96019848	96083373 +	NM_177352	Gk5	47955	96067803	96068003
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9	96096694	96224066 +	NM_001184706	Tfdp2	47487	96144181	96144381
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9	96723762	96789894 -	NM_001289645	Pxylp1	261	96789433	96789633
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9	96843901	96918775 -	NM_145134	Spsb4	50353	96868222	96868422
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9	96977430	97011461 -	NM_138756	Slc25a36	29228	96982033	96982233
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9	97344814	97933587 -	NM_022319	Clstn2	252777	97680610	97680810
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9	98197002	98311848 +	NM_144533	Nmnat3	16468	98213470	98213670
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9	102408468	102448570 +	NM_024291	Ky	-3585	102404683	102404883
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9	102488908	102528455 -	NM_001081122	Cep63	30106	102498149	102498349
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9	102737250	102810638 +	NM_001042607	Ryk	41545	102778795	102778995
9	102737250	102810638 +	NM_001042607	Ryk	15275	102752525	102752725
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9	106366291	106368272 -	NM_001159652	Gpr62	-8491	106376763	106376963
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9	107157258	107192209 -	NM_178907	Mapkapk3	-6311	107198520	107198720
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9	107471494	107475110 +	NM_010489	Hyal2	2287	107473781	107473981
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9	107809220	107822715 +	NM_009074	Mst1r	3749	107812969	107813169
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9	107853294	107874600 +	NM_011634	Traip	20976	107874270	107874470
9	107877898	107886388 +	NM_023738	Uba7	0	107877716	107877916
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9	108107192	108166147 -	NM_001276481	Dag1	-3972	108170119	108170319
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9	108250162	108294877 +	NM_001311157	Usp4	30432	108280594	108280794
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9	109834278	109986459 +	NM_001205330	Map4	54943	109889221	109889421
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9	110435101	110521138 +	NM_001081340	Setd2	-1176	110433725	110433925
9	110527293	110556666 -	NM_183276	Nbeal2	-7115	110563781	110563981
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9	110957338	110960023 -	NM_001302376	Ccrl2	532	110959291	110959491
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9	113560862	113617378 -	NM_001164677	Pdcd6ip	54446	113562732	113562932
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9	114284249	114299831 -	NM_019922	Crtap	13267	114286364	114286564
9	114310196	114383498 +	NM_009752	Glb1	1142	114311338	114311538
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9	114310213	114320320 +	NM_001200002	Tmppe	1125	114311338	114311538
9	114420391	114473488 -	NM_001042503	Trim71	45677	114427611	114427811
9	114494992	114549319 -	NM_153585	Cnot10	-6785	114556104	114556304
9	114597949	114632896 +	NM_146229	Dync1li1	19206	114617155	114617355
9	114698463	114753271 -	NM_027294	Cmtm8	21710	114731361	114731561
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9	114808457	114843106 -	NM_175380	Gpd1l	-9947	114853053	114853253
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9	114976397	115141342 +	NM_148958	Osbp10	84263	115060660	115060860
9	114976397	115141342 +	NM_148958	Osbp10	83074	115059471	115059671
9	115245279	115251043 +	NR_040730	4930428G15Rik	1205	115246484	115246684
9	115818573	115985295 +	NM_028638	Gad1l	10618	115829191	115829391
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9	118415436	118491638 +	NM_018748	Golga4	2012	118417448	118417648
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9	118515827	118810122 +	NM_133721	Itga9	-5101	118510526	118510726
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9	118980646	118997380 -	NM_001293648	Plcd1	3917	118993263	118993463
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9	119129609	119140811 -	NR_033303	Slc22a13b-ps	-307	119141118	119141318
9	119129609	119140811 -	NR_033303	Slc22a13b-ps	-2265	119143076	119143276
9	119245106	119249159 -	NM_010851	Myd88	-2678	119251837	119252037
9	119250412	119259414 +	NM_130864	Acaa1a	1425	119251837	119252037
9	119266499	119302916 +	NM_001033209	Xylb	-937	119265362	119265562
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9	119311619	119342625 +	NM_007397	Acvr2b	817	119312436	119312636
9	119880284	119893777 -	NM_153287	Csrnp1	406	119893171	119893371
9	120213191	120383953 +	NM_144557	Myrip	47203	120260394	120260594
9	120822892	120824369 -	NR_040742	1700020M21Rik	-5107	120829476	120829676
9	120842518	120869626 +	NM_007614	Ctnnb1	18695	120861213	120861413
9	120842696	120869626 +	NM_001165902	Ctnnb1	18517	120861213	120861413
9	120864204	120864266 +	NR_106058	Mir7090	-2791	120861213	120861413
9	120873572	121186291 -	NM_177589	Ulk4	292387	120893704	120893904
9	121276076	121384037 +	NM_175114	Trak1	47505	121323581	121323781
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9	121276076	121384037 +	NM_175114	Trak1	89482	121365558	121365758
9	121276076	121384037 +	NM_175114	Trak1	69535	121345611	121345811
9	121276076	121384037 +	NM_175114	Trak1	65008	121341084	121341284
9	121276076	121384037 +	NM_175114	Trak1	59518	121335594	121335794
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9	121276076	121384037 +	NM_175114	Trak1	38849	121314925	121315125
9	121276076	121384037 +	NM_175114	Trak1	22983	121299059	121299259
9	121551834	121582073 +	NM_011703	Vipr1	15526	121567360	121567560
9	121551834	121582073 +	NM_011703	Vipr1	14445	121566279	121566479
9	122026384	122078821 +	NM_001164572	Snrk	14870	122041254	122041454
9	122026384	122078821 +	NM_001164572	Snrk	28915	122055299	122055499
9	122026384	122078821 +	NM_001164572	Snrk	39639	122066023	122066223
9	122026384	122078821 +	NM_001164572	Snrk	17837	122044221	122044421
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9	122026384	122078821 +	NM_133741	Snrk	28915	122055299	122055499
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9	122026384	122078821 +	NM_133741	Snrk	17837	122044221	122044421
9	122084992	122203542 -	NM_001271873	Ano10	112213	122091129	122091329
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9	122084992	122203542 -	NM_001271873	Ano10	105398	122097944	122098144
9	122084992	122203542 -	NM_133979	Ano10	112213	122091129	122091329
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9	122084992	122203542 -	NM_133979	Ano10	105398	122097944	122098144
9	122291140	122307920 -	NR_045967	A730085K08Rik	14973	122292747	122292947
9	122714665	122745451 +	NM_001013405	Tcaim	0	122714626	122714826
9	122854207	122860119 -	NM_025419	1110059G10Rik	-7019	122867138	122867338
9	122860199	122927852 +	NM_010620	Kif15	6939	122867138	122867338
9	122981428	123022324 -	NM_026917	Zdhhc3	3970	123018154	123018354
9	123022349	123045248 +	NM_001081188	Exosc7	-3995	123018154	123018354
9	123022349	123045248 +	NM_001081188	Exosc7	11440	123033789	123033989
9	123276058	123371783 +	NM_153168	Lars2	94958	123371016	123371216
9	123387819	123430671 +	NM_013860	Limd1	42128	123429947	123430147
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9	123439000	123501717 +	NM_030692	Sacm1l	59783	123498783	123498983
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	9	123546025	123587951 -	NM_139142	Slc6a20a	2204	123585547	123585747
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	9	123546025	123587951 -	NM_139142	Slc6a20a	12815	123574936	123575136
	9	124036282	124041923 +	NM_009917	Ccr5	-5633	124030449	124030649
X		6735538	6896485 -	NM_001243762	Clcn5	131369	6764916	6765116
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X		6988943	7000115 -	NR_027924	2010204K13Rik	1652	6998263	6998463
X		6989230	6998174 -	NR_027925	2010204K13Rik	-89	6998263	6998463
X		7234505	7245313 +	NM_001290624	Prickle3	227	7234732	7234932
X		7770972	7783652 -	NM_001308474	Porcn	-2870	7786522	7786722
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X		9829431	9898151 +	NM_008769	Otc	0	9829298	9829498
X		10062242	10173731 +	NM_019634	Tspan7	17568	10079810	10080010
X		10062242	10173731 +	NM_019634	Tspan7	-7733	10054309	10054509
X		11613864	11737482 -	NM_001168321	Bcor	2746	11734536	11734736
X		11613864	11737482 -	NM_001168321	Bcor	74138	11663144	11663344
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X		11711580	11737473 -	NR_045434	2900008C10Rik	2737	11734536	11734736
X		12648624	12750454 +	NM_009481	Usp9x	84983	12733607	12733807
X		13044798	13066440 +	NM_173415	Nyx	-2730	13041868	13042068
X		13094208	13423683 -	NM_001284503	Cask	124095	13299388	13299588
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X	13094208	13423683 -	NM_009806	Cask	124095	13299388	13299588
X	16196824	16264939 +	NM_173740	Maoa	0	16196649	16196849
X	16286407	16394493 -	NM_172778	Maob	4721	16389572	16389772
X	23270177	23383128 +	NM_001305675	Wdr44	-462	23269515	23269715
X	23270177	23383128 +	NM_175180	Wdr44	-462	23269515	23269715
X	35754534	35809638 -	NM_001290485	Lamp2	54257	35755181	35755381
X	39421013	39462842 +	NM_009688	Xiap	-8330	39412483	39412683
X	39421575	39462842 +	NM_001301639	Xiap	-8892	39412483	39412683
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X	45499704	45514741 +	NM_028773	Sash3	-7760	45491744	45491944
X	45764226	45816310 -	NM_019680	Elf4	23789	45792321	45792521
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X	46048181	46063897 +	NM_173376	Rbmx2	-190	46047791	46047991
X	68303431	68407893 +	NM_001081354	Mamld1	2673	68306104	68306304
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X	70918472	70927840 +	NM_001142809	Slc6a8	-1067	70917205	70917405
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X	71099119	71126174 -	NM_008478	L1cam	3499	71122475	71122675
X	73827949	73848264 -	NM_001201395	Cldn34d	3770	73844294	73844494
X	75007374	75041300 -	NM_016979	Prkx	12724	75028376	75028576
X	83115612	83136839 +	NM_001163539	5430427019Rik	8192	83123804	83124004
X	91319970	91368747 -	NM_001044386	Zfx	2010	91366537	91366737
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X	96331400	96344362 +	NM_010110	Efnb1	12230	96343630	96343830
X	96600670	96639137 -	NR_033544	Gm14812	25042	96613895	96614095

X	98571715	98580969 +	NM_001302496	Gjb1	45	98571760	98571960
X	98572574	98580969 +	NM_008124	Gjb1	-614	98571760	98571960
X	98577457	98580969 +	NM_001302498	Gjb1	-5497	98571760	98571960
X	98579071	98580969 +	NM_001302497	Gjb1	-7111	98571760	98571960
X	99380282	99383711 -	NM_009094	Rps4x	-84	99383795	99383995
X	99709314	99839586 -	NM_008832	Phka1	101699	99737687	99737887
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X	100756249	100819094 -	NR_028381	Ftx	39141	100779753	100779953
X	100764844	100819094 -	NR_028380	Ftx	39141	100779753	100779953
X	101152506	101176624 -	NM_011276	Rlim	3676	101172748	101172948
X	102275095	102312430 +	NM_001281871	Pbdc1	35382	102310477	102310677
X	102315735	102319251 +	NM_053201	Magee1	-5058	102310477	102310677
X	104978091	105011674 -	NM_025921	2610002M06Rik	17207	104994267	104994467
X	104987929	105068251 +	NM_001271008	Fam46d	6338	104994267	104994467
X	109425017	109486040 +	NM_026565	Apool	59545	109484562	109484762
X	109608883	109671953 +	NM_001168590	2010106E10Rik	12060	109620943	109621143
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X	110154201	110299125 -	NM_018818	Chm	25448	110273477	110273677
X	126284278	127000370 +	NM_172493	Diap2	531783	126816061	126816261
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X	131122708	131135545 -	NM_013463	Gla	0	131135491	131135691
X	131135825	131141594 +	NM_019868	Hnrnp2	-134	131135491	131135691
X	136014906	136089120 +	NM_175326	D330045A20Rik	39011	136053917	136054117
X	136014906	136089120 +	NM_175326	D330045A20Rik	46714	136061620	136061820
X	136014906	136089120 +	NM_175326	D330045A20Rik	44448	136059354	136059554
X	136097879	136207685 +	NM_001254761	Rnf128	90088	136187967	136188167
X	136145159	136207685 +	NM_023270	Rnf128	42808	136187967	136188167
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X	137074068	137135062 -	NM_001077364	Tsc22d3	57277	137077585	137077785
X	137074068	137077727 -	NM_010286	Tsc22d3	0	137077585	137077785
X	137074068	137077208 -	NR_122039	Tsc22d3	-377	137077585	137077785
X	138661313	138674244 +	NM_001290532	Nxt2	1960	138663273	138663473
X	138662480	138674244 +	NM_001161430	Nxt2	793	138663273	138663473
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X	148667770	148713643 +	NM_013668	Kdm5c	27651	148695421	148695621
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X	149044052	149204030 -	NM_001290684	Shroom2	63753	149140077	149140277
X	149044052	149204030 -	NM_001290684	Shroom2	121829	149082001	149082201
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X	160528119	160556792 +	NM_020626	Tmem27	23011	160551130	160551330
X	160577274	160626351 +	NM_001130513	Ace2	15471	160592745	160592945
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X	162895184	162917800 -	NM_019773	Rab9	815	162916785	162916985
X	163909238	165015166 -	NM_001033330	Frmpd4	898337	164116629	164116829
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X	166123131	166428730 +	NM_001290512	Mid1	304198	166427329	166427529
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X	166317551	166428730 +	NM_001290505	Mid1	109778	166427329	166427529
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