

Table S1. Raw Data of the LncRNA Array

	ProbeName	Vehicle	AIM	Fold change	Classi fy	Lnc_Accessions	Lnc_Description
1	A 30 P01017515	11. 24438	9. 255877	0. 251999539	lncRNA	Unknown	lincRNA:chr1:183832694-183834125 reverse strand
2	A 30 P01017904	7. 343763	9. 088163	3. 350554792	lncRNA	Unknown	lincRNA:chr1:186560855-186563399 forward strand
3	A 30 P01018124	7. 684313	9. 431689	3. 35747347	lncRNA	Unknown	lincRNA:chr14:103751075-103769725 forward strand
4	A 30 P01018146	11. 16989	13. 6598425	5. 617598437	lncRNA	Unknown	lincRNA:chr6:145647711-145756861 forward strand
5	A 30 P01018332	9. 405285	11. 172157	3. 403152967	lncRNA	Unknown	lincRNA:chr6:122741562-122743423 reverse strand
6	A 30 P01018344	10. 7842	8. 398615	0. 191366871	lncRNA	Unknown	lincRNA:chr15:32705156-32729116 reverse strand
7	A 30 P01018420	10. 69434	8. 291819	0. 189134178	lncRNA	Unknown	lincRNA:chr3:87757295-87774970 forward strand
8	A 30 P01018609	11. 72218	13. 744622	4. 062720173	lncRNA	Unknown	lincRNA:chr7:112934153-112943178 forward strand
9	A 30 P01018891	13. 79337	11. 412304	0. 191966969	lncRNA	Unknown	lincRNA:chr10:94900849-94928059 reverse strand
10	A 30 P01019322	9. 621748	7. 944066	0. 312584468	lncRNA	Unknown	lincRNA:chr9:96635508-96654148 reverse strand
11	A 30 P01019371	7. 887268	9. 721265	3. 56523457	lncRNA	Unknown	lincRNA:chr1:186560855-186563399 forward strand
12	A 30 P01019461	8. 706666	10. 3142	3. 047305202	lncRNA	Unknown	lincRNA:chr1:186560855-186563399 forward strand
13	A 30 P01019660	13. 38371	11. 188654	0. 218384747	lncRNA	Unknown	lincRNA:chr15:77164450-77201325 forward strand
14	A 30 P01019987	11. 37108	13. 191937	3. 532917353	lncRNA	Unknown	lincRNA:chr6:122741562-122743423 reverse strand
15	A 30 P01020248	9. 197726	7. 221008	0. 254067193	lncRNA	Unknown	lincRNA:chr5:106982442-107045717 reverse strand
16	A 30 P01020323	11. 10295	9. 068739	0. 244141592	lncRNA	Unknown	lincRNA:chr4:21683562-21694350 reverse strand
17	A 30 P01020627	13. 33863	10. 758311	0. 167203621	lncRNA	Unknown	lincRNA:chr3:87757295-87774970 forward strand
18	A 30 P01021129	9. 241488	7. 4589424	0. 290670064	lncRNA	Unknown	lincRNA:chr5:22890322-22939119 reverse strand
19	A 30 P01021316	10. 24453	7. 9942107	0. 210178019	lncRNA	Unknown	lincRNA:chr2:151992806-152025456 forward strand
20	A 30 P01021461	9. 681884	12. 897875	9. 292011889	lncRNA	Unknown	lincRNA:chr2:119697845-119719245 forward strand
21	A 30 P01021593	7. 139907	9. 682392	5. 825914787	lncRNA	Unknown	lincRNA:chr5:35975265-35982561 forward strand
22	A 30 P01022060	9. 142671	11. 369108	4. 679767968	lncRNA	Unknown	lincRNA:chr15:73227424-73257474 forward strand
23	A 30 P01022310	7. 156559	9. 568411	5. 321570219	lncRNA	Unknown	lincRNA:chr5:35975265-35982561 forward strand
24	A 30 P01022369	7. 765002	9. 84568	4. 230058748	lncRNA	Unknown	lincRNA:chr15:73227424-73257474 forward strand
25	A 30 P01022647	9. 819791	7. 7362967	0. 235942252	lncRNA	Unknown	lincRNA:chr15:32705156-32729116 reverse strand
26	A 30 P01022779	10. 55487	8. 716565	0. 279650924	lncRNA	Unknown	lincRNA:chr9:56391562-56392142 forward strand
27	A 30 P01022821	11. 13641	7. 2167287	0. 066078131	lncRNA	Unknown	lincRNA:chr7:91558475-91733625 forward strand
28	A 30 P01022868	10. 04544	7. 0147824	0. 12237217	lncRNA	Unknown	lincRNA:chr3:146515333-146557069 forward strand
29	A 30 P01023162	7. 975072	10. 602749	6. 180300556	lncRNA	Unknown	lincRNA:chr1:88405875-88418150 reverse strand
30	A 30 P01023278	8. 325556	10. 544645	4. 655993357	lncRNA	Unknown	lincRNA:chr15:73227424-73257474 forward strand
31	A 30 P01023384	11. 07871	14. 10806	8. 164423393	lncRNA	Unknown	lincRNA:chr10:81680941-81704964 forward strand
32	A 30 P01024322	11. 01131	7. 167947	0. 069667736	lncRNA	Unknown	lincRNA:chr7:91558475-91733625 forward strand

33	A	30	P01024472	14.67831	12.268766	0.188215063	lncRNA	Unknown	lincRNA:chr11:35805295-35817263 forward strand
34	A	30	P01024575	12.21438	10.605585	0.327872998	lncRNA	Unknown	lincRNA:chr16:90038086-90127636 reverse strand
35	A	30	P01024606	9.178041	11.681666	5.67108783	lncRNA	Unknown	lincRNA:chr5:35975265-35982561 forward strand
36	A	30	P01024661	10.68852	8.99161	0.308446675	lncRNA	Unknown	lincRNA:chr7:111526943-111545093 reverse strand
37	A	30	P01024931	8.861338	7.0573883	0.286389459	lncRNA	Unknown	lincRNA:chr17:3346621-3347209 forward strand
38	A	30	P01024962	10.60339	8.5416565	0.239528047	lncRNA	Unknown	lincRNA:chr1:183832694-183834125 reverse strand
39	A	30	P01025038	10.05904	8.017173	0.242849429	lncRNA	Unknown	lincRNA:chr4:116791819-116798263 reverse strand
40	A	30	P01025316	9.919327	8.026081	0.269200688	lncRNA	Unknown	lincRNA:chr4:21683562-21694350 reverse strand
41	A	30	P01025339	9.580167	7.9557753	0.324346618	lncRNA	Unknown	lincRNA:chr5:22890322-22939119 reverse strand
42	A	30	P01025355	10.76333	8.562332	0.21748714	lncRNA	Unknown	lincRNA:chr1:183832694-183834125 reverse strand
43	A	30	P01025357	9.796642	7.073875	0.151483546	lncRNA	Unknown	lincRNA:chr6:57583950-57624216 forward strand
44	A	30	P01025368	10.42611	8.473024	0.258262664	lncRNA	Unknown	lincRNA:chr4:116791819-116798263 reverse strand
45	A	30	P01025434	8.839005	7.0060606	0.28069127	lncRNA	Unknown	lincRNA:chr5:106982442-107045717 reverse strand
46	A	30	P01025572	10.32157	7.7891917	0.172853977	lncRNA	Unknown	lincRNA:chr6:57583950-57624216 forward strand
47	A	30	P01026806	8.198971	11.273586	8.424639774	lncRNA	Unknown	lincRNA:chr16:93121505-93142255 reverse strand
48	A	30	P01026979	7.294809	8.968228	3.189695488	lncRNA	Unknown	lincRNA:chr5:106982442-107045717 forward strand
49	A	30	P01027135	9.332821	7.6657014	0.31488139	lncRNA	Unknown	lincRNA:chr5:22887983-22939658 reverse strand
50	A	30	P01027147	7.979336	9.569256	3.010325936	lncRNA	Unknown	lincRNA:chr1:135956616-135957485 reverse strand
51	A	30	P01027272	8.47686	11.675437	9.180527174	lncRNA	Unknown	lincRNA:chr10:81680941-81704964 forward strand
52	A	30	P01027429	7.973376	10.3565235	5.216735184	lncRNA	Unknown	lincRNA:chr15:73227424-73257474 forward strand
53	A	30	P01027863	12.58783	15.553725	7.813088739	lncRNA	Unknown	lincRNA:chr10:81680941-81704964 forward strand
54	A	30	P01027959	9.00296	7.1456995	0.275999871	lncRNA	Unknown	lincRNA:chr13:34027900-34052050 forward strand
55	A	30	P01028374	9.575454	7.9522195	0.324606884	lncRNA	Unknown	lincRNA:chr5:22890322-22939119 reverse strand
56	A	30	P01028492	7.848558	9.716731	3.650698687	lncRNA	Unknown	lincRNA:chr16:93121505-93142255 reverse strand
57	A	30	P01028810	9.717176	7.4530725	0.208179007	lncRNA	Unknown	lincRNA:chr13:70745633-70776516 reverse strand
58	A	30	P01029305	9.516073	7.5567575	0.257150435	lncRNA	Unknown	lincRNA:chr5:22887983-22939658 reverse strand
59	A	30	P01029499	9.712025	7.6930885	0.246739996	lncRNA	Unknown	lincRNA:chr13:34027900-34052050 forward strand
60	A	30	P01029931	9.314079	11.513094	4.591657396	lncRNA	Unknown	lincRNA:chr15:73227424-73257474 forward strand
61	A	30	P01030135	11.86136	8.554981	0.10108368	lncRNA	Unknown	lincRNA:chr6:34548561-34612216 forward strand
62	A	30	P01030223	8.616694	11.044087	5.379206974	lncRNA	Unknown	lincRNA:chr2:119697845-119719245 forward strand
63	A	30	P01030815	10.87465	9.212727	0.316017641	lncRNA	Unknown	lincRNA:chr18:61809278-61825191 reverse strand
64	A	30	P01031061	9.929302	8.189832	0.299479675	lncRNA	Unknown	lincRNA:chr1:183783306-183834531 forward strand
65	A	30	P01031208	10.56872	7.8918867	0.15638377	lncRNA	Unknown	lincRNA:chr3:146629425-146649125 forward strand
66	A	30	P01031326	10.23558	12.566866	5.032523486	lncRNA	Unknown	lincRNA:chr14:14688472-14747272 forward strand
67	A	30	P01031414	10.32571	7.6483192	0.156324001	lncRNA	Unknown	lincRNA:chr3:146645022-146646977 forward strand

68	A 30 P01031735	10.00391	7.1916714	0.142374768	lncRNA	Unknown	lincRNA:chr3:146645022-146646977 forward strand
69	A 30 P01031893	7.854216	9.56573	3.275044251	lncRNA	Unknown	lincRNA:chr4:86267450-86277650 forward strand
70	A 30 P01032204	9.36146	7.482992	0.27197237	lncRNA	Unknown	lincRNA:chr16:34524589-34573439 reverse strand
71	A 30 P01033039	9.94376	7.263673	0.156031909	lncRNA	Unknown	lincRNA:chr2:128211990-128215223 reverse strand
72	A 30 P01033124	10.64024	8.091413	0.170893686	lncRNA	Unknown	lincRNA:chr3:146629425-146649125 forward strand
73	A 30 P01033229	10.84567	8.257167	0.166258038	lncRNA	Unknown	lincRNA:chr3:87757295-87774970 forward strand
74	A 30 P01033296	9.865904	7.7486377	0.230483232	lncRNA	Unknown	lincRNA:chr16:34524589-34573439 reverse strand
75	A 30 P01033408	12.58019	14.206657	3.087566051	lncRNA	Unknown	lincRNA:chr6:122741562-122743423 reverse strand
76	A 30 P01033549	9.124576	7.286767	0.279746309	lncRNA	Unknown	lincRNA:chr14:56348028-56348470 reverse strand
77	A 30 P01033574	10.06021	7.306089	0.14822688	lncRNA	Unknown	lincRNA:chr3:146645022-146646977 forward strand
78	CUST_1024_PI428753551	7.712137	9.403427	3.229453394	lncRNA	ENSMUST00000139014	ENSMUST00000139014 ensembl_havana_lincrna:lincRNA chromosome:GRCm38:11:120229802:120231585:-1 gene:ENSMUSG00000043993 gene_biotype:lincRNA transcript_biotype:processed transcript
79	CUST_10417_PI428753551	7.160972	10.051122	7.413477305	lncRNA	ri 4732469F07 PX00715A01 2574	ri 4732469F07 PX00715A01 2574 contigs=208 ver=1 seqid=87989
80	CUST_10418_PI428753551	8.937643	12.209978	9.66208805	lncRNA	ri 4732469F07 PX00715A01 2574	ri 4732469F07 PX00715A01 2574 contigs=208 ver=1 seqid=87989
81	CUST_10685_PI428753551	7.294596	9.144473	3.604694512	lncRNA	ri 4831410G14 PX00102C13 1664	ri 4831410G14 PX00102C13 1664 contigs=4 ver=1 seqid=29748
82	CUST_10713_PI428753551	11.11683	13.489195	5.177896041	lncRNA	ri 4831416K15 PX00102M14 1695	ri 4831416K15 PX00102M14 1695 contigs=4 ver=1 seqid=29771
83	CUST_10785_PI428753551	7.540447	11.710329	17.99946599	lncRNA	ri 4831440M03 PX00102J18 2094	ri 4831440M03 PX00102J18 2094 contigs=4 ver=1 seqid=29763
84	CUST_10786_PI428753551	10.45637	14.7156315	19.14981434	lncRNA	ri 4831440M03 PX00102J18 2094	ri 4831440M03 PX00102J18 2094 contigs=4 ver=1 seqid=29763
85	CUST_10790_PI428753551	7.59917	9.919909	4.995881648	lncRNA	ri 4831444D01 PX00103G21 3702	ri 4831444D01 PX00103G21 3702 contigs=107 ver=1 seqid=42761
86	CUST_10847_PI428753551	9.334998	7.4463296	0.270056205	lncRNA	ri 4832416J22 PX00102J09 2835	ri 4832416J22 PX00102J09 2835 contigs=78 ver=1 seqid=32017
87	CUST_10848_PI428753551	11.56664	9.918391	0.319027347	lncRNA	ri 4832416J22 PX00102J09 2835	ri 4832416J22 PX00102J09 2835 contigs=78 ver=1 seqid=32017
88	CUST_10988_PI428753551	9.257644	7.597604	0.316430375	lncRNA	ri 4833416E15 PX00028I16 901	ri 4833416E15 PX00028I16 901 contigs=3 ver=1 seqid=14000

89	CUST_11041_PI42 8753551	11.76436	9.793534	0.255106754	lncRNA	ri 4833421J19 PX00 313H03 983	ri 4833421J19 PX00313H03 983 contigs=51 ver=1 seqid=47534
90	CUST_11042_PI42 8753551	10.30772	8.317216	0.251650436	lncRNA	ri 4833421J19 PX00 313H03 983	ri 4833421J19 PX00313H03 983 contigs=51 ver=1 seqid=47534
91	CUST_11043_PI42 8753551	11.53295	9.2592	0.20679153	lncRNA	ri 4833421J19 PX00 313H03 983	ri 4833421J19 PX00313H03 983 contigs=51 ver=1 seqid=47534
92	CUST_11064_PI42 8753551	11.18695	9.418951	0.293615493	lncRNA	ri 4833423D12 PX00 028M19 1266	ri 4833423D12 PX00028M19 1266 contigs=3 ver=1 seqid=14232
93	CUST_11149_PI42 8753551	16.71558	14.599474	0.230669314	lncRNA	ri 4833431D14 PX00 028P10 2020	ri 4833431D14 PX00028P10 2020 contigs=4 ver=2 seqid=64564
94	CUST_11160_PI42 8753551	7.482992	9.947215	5.518296595	lncRNA	ri 4833431004 PX00 313J01 1775	ri 4833431004 PX00313J01 1775 contigs=72 ver=1 seqid=48861
95	CUST_11173_PI42 8753551	8.648726	11.5191	7.312547039	lncRNA	ri 4833435C17 PX00 715A20 827	ri 4833435C17 PX00715A20 827 contigs=7 ver=1 seqid=95999
96	CUST_11174_PI42 8753551	10.56269	13.052296	5.616229925	lncRNA	ri 4833435C17 PX00 715A20 827	ri 4833435C17 PX00715A20 827 contigs=7 ver=1 seqid=95999
97	CUST_11175_PI42 8753551	12.48016	15.049472	5.93527551	lncRNA	ri 4833435C17 PX00 715A20 827	ri 4833435C17 PX00715A20 827 contigs=7 ver=1 seqid=95999
98	CUST_11192_PI42 8753551	12.45343	10.190274	0.208315198	lncRNA	ri 4833436M01 PX00 638B06 2426	ri 4833436M01 PX00638B06 2426 contigs=41 ver=1 seqid=68374
99	CUST_11276_PI42 8753551	9.404661	11.761138	5.121182598	lncRNA	ri 4833445E02 PX00 313B08 1768	ri 4833445E02 PX00313B08 1768 contigs=58 ver=1 seqid=47461
100	CUST_11277_PI42 8753551	7.323266	10.346319	8.128859767	lncRNA	ri 4833445E02 PX00 313B08 1768	ri 4833445E02 PX00313B08 1768 contigs=58 ver=1 seqid=47461
101	CUST_11290_PI42 8753551	12.59327	9.688747	0.133552418	lncRNA	ri 4833446K14 PX00 029I21 1214	ri 4833446K14 PX00029I21 1214 contigs=2 ver=1 seqid=28221
102	CUST_11291_PI42 8753551	12.15155	9.544809	0.164169155	lncRNA	ri 4833446K14 PX00 029I21 1214	ri 4833446K14 PX00029I21 1214 contigs=2 ver=1 seqid=28221
103	CUST_11292_PI42 8753551	14.15337	11.727975	0.186158449	lncRNA	ri 4833446K14 PX00 029I21 1214	ri 4833446K14 PX00029I21 1214 contigs=2 ver=1 seqid=28221
104	CUST_11521_PI42 8753551	7.324079	8.935425	3.055367674	lncRNA	ri 4921529D23 PX00 313H06 3087	ri 4921529D23 PX00313H06 3087 contigs=71 ver=1 seqid=47536
105	CUST_11569_PI42 8753551	9.896896	8.054216	0.278803388	lncRNA	ri 4921538B17 PX00 015B13 2473	ri 4921538B17 PX00015B13 2473 contigs=33 ver=1 seqid=14443

106	CUST_11570_PI42 8753551	11.6554	9.809412	0.278165615	lncRNA	ri 4921538B17 PX00 015B13 2473	ri 4921538B17 PX00015B13 2473 contigs=33 ver=1 seqid=14443
107	CUST_12180_PI42 8753551	8.962101	7.2839127	0.312474789	lncRNA	ri 4930428I03 PX00 715E20 571	ri 4930428I03 PX00715E20 571 contigs=11 ver=1 seqid=96040
108	CUST_13337_PI42 8753551	10.63504	8.868317	0.29387652	lncRNA	ri 4930519N13 PX00 033D01 302	ri 4930519N13 PX00033D01 302 contigs=6 ver=1 seqid=23197
109	CUST_13613_PI42 8753551	8.438521	10.842128	5.291244192	lncRNA	ri 4930537F08 PX00 034C09 1100	ri 4930537F08 PX00034C09 1100 contigs=2 ver=1 seqid=16622
110	CUST_14139_PI42 8753551	7.136136	8.783519	3.132649584	lncRNA	ri 4930563B10 PX00 035H18 691	ri 4930563B10 PX00035H18 691 contigs=2 ver=1 seqid=16829
111	CUST_14186_PI42 8753551	7.562596	9.65763	4.272361429	lncRNA	ri 4930564M04 PX00 640B20 1284	ri 4930564M04 PX00640B20 1284 contigs=58 ver=1 seqid=69716
112	CUST_14264_PI42 8753551	11.97716	13.890688	3.767302811	lncRNA	ri 4930568A15 PX00 640H20 2020	ri 4930568A15 PX00640H20 2020 contigs=13 ver=1 seqid=75810
113	CUST_1432_PI428 753551	7.216441	9.78606	5.936526304	lncRNA	ENSMUST00000126635	ENSMUST00000126635 ensembl_havana_lincrna:lincRNA chromosome:GRCm38:4:109652951:109657608:-1 gene:ENSMUSG00000059027 gene_biotype:lincRNA transcript_biotype:processed transcript
114	CUST_14394_PI42 8753551	7.110484	11.565856	21.93818093	lncRNA	ri 4930573J08 PX00 715N05 1022	ri 4930573J08 PX00715N05 1022 contigs=22 ver=1 seqid=94944
115	CUST_14395_PI42 8753551	9.602982	14.054002	21.87210244	lncRNA	ri 4930573J08 PX00 715N05 1022	ri 4930573J08 PX00715N05 1022 contigs=22 ver=1 seqid=94944
116	CUST_14484_PI42 8753551	9.391484	7.582377	0.285367511	lncRNA	ri 4930580B11 PX00 036N19 4204	ri 4930580B11 PX00036N19 4204 contigs=115 ver=2 seqid=39759
117	CUST_14625_PI42 8753551	7.332605	8.9299	3.025753794	lncRNA	ri 4930594M22 PX00 036P08 932	ri 4930594M22 PX00036P08 932 contigs=7 ver=1 seqid=23256
118	CUST_15712_PI42 8753551	8.536246	10.331253	3.470171586	lncRNA	ri 4933427010 PX00 704C17 1315	ri 4933427010 PX00704C17 1315 contigs=76 ver=1 seqid=86389
119	CUST_16142_PI42 8753551	11.15464	9.563957	0.332013774	lncRNA	ri 5033430G19 PX00 715L02 1061	ri 5033430G19 PX00715L02 1061 contigs=5 ver=1 seqid=94936
120	CUST_16394_PI42 8753551	7.272943	9.608561	5.047673167	lncRNA	ri 5330420L06 PX00 054A17 2823	ri 5330420L06 PX00054A17 2823 contigs=59 ver=1 seqid=32913
121	CUST_16415_PI42 8753551	12.51058	10.847042	0.315664078	lncRNA	ri 5330421P20 PX00 054G08 2884	ri 5330421P20 PX00054G08 2884 contigs=70 ver=1 seqid=31341

122	CUST_16720_PI42 8753551	10.15917	7.527699	0.161379698	lncRNA	ri 5430404G13 PX00 022K21 2151	ri 5430404G13 PX00022K21 2151 contigs=5 ver=1 seqid=15528
123	CUST_16751_PI42 8753551	13.03294	11.068127	0.256173296	lncRNA	ri 5430409C21 PX00 314E18 3329	ri 5430409C21 PX000314E18 3329 contigs=42 ver=1 seqid=60884
124	CUST_16792_PI42 8753551	12.45543	9.554455	0.133881637	lncRNA	ri 5430419M07 PX00 022P13 1236	ri 5430419M07 PX00022P13 1236 contigs=32 ver=1 seqid=25932
125	CUST_16793_PI42 8753551	14.61748	11.751268	0.137146052	lncRNA	ri 5430419M07 PX00 022P13 1236	ri 5430419M07 PX00022P13 1236 contigs=32 ver=1 seqid=25932
126	CUST_16794_PI42 8753551	16.18338	13.454017	0.150792753	lncRNA	ri 5430419M07 PX00 022P13 1236	ri 5430419M07 PX00022P13 1236 contigs=32 ver=1 seqid=25932
127	CUST_16811_PI42 8753551	7.732356	12.004453	19.32098847	lncRNA	ri 5430421B17 PX00 022021 2962	ri 5430421B17 PX00022021 2962 contigs=7 ver=1 seqid=50733
128	CUST_16812_PI42 8753551	7.863504	12.3345995	22.17859393	lncRNA	ri 5430421B17 PX00 022021 2962	ri 5430421B17 PX00022021 2962 contigs=7 ver=1 seqid=50733
129	CUST_16833_PI42 8753551	9.508286	7.845848	0.315904961	lncRNA	ri 5430427F17 PX00 022M14 1261	ri 5430427F17 PX00022M14 1261 contigs=62 ver=2 seqid=74788
130	CUST_16868_PI42 8753551	13.11588	11.102582	0.247705705	lncRNA	ri 5430432M24 PX00 022C10 1642	ri 5430432M24 PX00022C10 1642 contigs=2 ver=1 seqid=14141
131	CUST_16881_PI42 8753551	10.81679	12.554073	3.334061	lncRNA	ri 5430433I11 PX00 022P11 2444	ri 5430433I11 PX00022P11 2444 contigs=30 ver=1 seqid=26144
132	CUST_16995_PI42 8753551	7.056096	10.4027	10.17251428	lncRNA	ri 5730403H11 PX00 643J03 1457	ri 5730403H11 PX00643J03 1457 contigs=60 ver=1 seqid=67449
133	CUST_17330_PI42 8753551	9.474924	11.370394	3.720431612	lncRNA	ri 5730522H13 PX00 644H06 1726	ri 5730522H13 PX00644H06 1726 contigs=24 ver=1 seqid=63993
134	CUST_17332_PI42 8753551	7.828389	10.019307	4.565959301	lncRNA	ri 5730522H13 PX00 644H06 1726	ri 5730522H13 PX00644H06 1726 contigs=24 ver=1 seqid=63993
135	CUST_17424_PI42 8753551	11.29916	8.513503	0.14502163	lncRNA	ri 5730598D06 PX00 645E14 1759	ri 5730598D06 PX00645E14 1759 contigs=71 ver=1 seqid=67510
136	CUST_17425_PI42 8753551	13.33713	10.459528	0.13606746	lncRNA	ri 5730598D06 PX00 645E14 1759	ri 5730598D06 PX00645E14 1759 contigs=71 ver=1 seqid=67510
137	CUST_17426_PI42 8753551	15.1807	12.729231	0.182824586	lncRNA	ri 5730598D06 PX00 645E14 1759	ri 5730598D06 PX00645E14 1759 contigs=71 ver=1 seqid=67510
138	CUST_17478_PI42 8753551	8.939981	10.709188	3.408665426	lncRNA	ri 5830406C15 PX00 038G24 1884	ri 5830406C15 PX00038G24 1884 contigs=4 ver=1 seqid=15867

139	CUST_17514_PI42 8753551	9.173479	11.820513	6.263781987	lncRNA	ri 5830408J16 PX00 645K24 2208	ri 5830408J16 PX00645K24 2208 contigs=53 ver=1 seqid=66027
140	CUST_17533_PI42 8753551	7.638126	13.461428	56.62243942	lncRNA	ri 5830411E10 PX00 038H21 2239	ri 5830411E10 PX00038H21 2239 contigs=4 ver=2 seqid=58130
141	CUST_17534_PI42 8753551	8.916653	13.374848	21.98115059	lncRNA	ri 5830411E10 PX00 038H21 2239	ri 5830411E10 PX00038H21 2239 contigs=4 ver=2 seqid=58130
142	CUST_17658_PI42 8753551	10.57471	7.850043	0.151284701	lncRNA	ri 5830428M17 PX00 039E18 3819	ri 5830428M17 PX00039E18 3819 contigs=166 ver=1 seqid=32686
143	CUST_17854_PI42 8753551	9.803559	7.3679075	0.184839949	lncRNA	ri 5830450L04 PX00 040C11 2398	ri 5830450L04 PX00040C11 2398 contigs=48 ver=1 seqid=49925
144	CUST_17856_PI42 8753551	13.65613	11.790461	0.274396123	lncRNA	ri 5830450L04 PX00 040C11 2398	ri 5830450L04 PX00040C11 2398 contigs=48 ver=1 seqid=49925
145	CUST_18132_PI42 8753551	7.52934	9.686991	4.461877793	lncRNA	ri 5830488D22 PX00 645N12 913	ri 5830488D22 PX00645N12 913 contigs=2 ver=1 seqid=65391
146	CUST_18134_PI42 8753551	12.46464	10.545573	0.264426377	lncRNA	ri 5830488H16 PX00 314H17 1055	ri 5830488H16 PX00314H17 1055 contigs=2 ver=1 seqid=52070
147	CUST_18135_PI42 8753551	11.84482	9.246815	0.165166957	lncRNA	ri 5830488H16 PX00 314H17 1055	ri 5830488H16 PX00314H17 1055 contigs=2 ver=1 seqid=52070
148	CUST_18332_PI42 8753551	7.97535	9.828101	3.611881597	lncRNA	ri 5930417E23 PX00 055K13 2726	ri 5930417E23 PX00055K13 2726 contigs=80 ver=1 seqid=32953
149	CUST_18419_PI42 8753551	13.38599	11.530151	0.276271951	lncRNA	ri 5930427L12 PX00 055H02 2239	ri 5930427L12 PX00055H02 2239 contigs=4 ver=1 seqid=25253
150	CUST_18450_PI42 8753551	8.794564	7.0341244	0.295158215	lncRNA	ri 5930433N17 PX00 055H10 2406	ri 5930433N17 PX00055H10 2406 contigs=13 ver=1 seqid=39929
151	CUST_18498_PI42 8753551	9.174375	7.4876633	0.31063414	lncRNA	ri 6030401E01 PX00 056G19 1885	ri 6030401E01 PX00056G19 1885 contigs=4 ver=1 seqid=25543
152	CUST_18605_PI42 8753551	9.641806	7.7041283	0.261036291	lncRNA	ri 6030412C21 PX00 738B15 2208	ri 6030412C21 PX00738B15 2208 contigs=98 ver=1 seqid=97004
153	CUST_18815_PI42 8753551	8.90976	7.3159256	0.331289779	lncRNA	ri 6030441G14 PX00 646G16 3365	ri 6030441G14 PX00646G16 3365 contigs=64 ver=1 seqid=64941
154	CUST_18866_PI42 8753551	10.39231	8.798479	0.33129056	lncRNA	ri 6030447F03 PX00 057C19 2458	ri 6030447F03 PX00057C19 2458 contigs=25 ver=1 seqid=27496
155	CUST_18867_PI42 8753551	11.34711	9.426447	0.264133281	lncRNA	ri 6030447F03 PX00 057C19 2458	ri 6030447F03 PX00057C19 2458 contigs=25 ver=1 seqid=27496

156	CUST_18977_PI42 8753551	8.038848	10.3183	4.854935066	lncRNA	ri 6030458L20 PX00 057N16 1140	ri 6030458L20 PX00057N16 1140 contigs=2 ver=1 seqid=22801
157	CUST_1904_PI428 753551	7.185907	9.026851	3.582443621	lncRNA	ENSMUST00000160105	ENSMUST00000160105 havana:lincRNA chromosome:GRCm38:3:102203956:102206266:1 gene:ENSMUSG00000089916 gene_biotype:lincRNA transcript_biotype:lincRNA
158	CUST_19418_PI42 8753551	7.373863	12.158213	27.5570586	lncRNA	ri 6230424H10 PX00 042021 2471	ri 6230424H10 PX00042021 2471 contigs=49 ver=1 seqid=31252
159	CUST_19488_PI42 8753551	8.542665	10.56448	4.060943626	lncRNA	ri 6330404F02 PX00 008005 1961	ri 6330404F02 PX00008005 1961 contigs=4 ver=1 seqid=7322
160	CUST_19588_PI42 8753551	11.09428	9.169691	0.263415108	lncRNA	ri 6330416M19 PX00 008H15 651	ri 6330416M19 PX00008H15 651 contigs=51 ver=2 seqid=24991
161	CUST_19682_PI42 8753551	7.121016	9.958976	7.150085532	lncRNA	ri 6330439G07 PX00 009A14 1866	ri 6330439G07 PX00009A14 1866 contigs=4 ver=1 seqid=28270
162	CUST_19683_PI42 8753551	7.07431	11.585604	22.80524398	lncRNA	ri 6330439G07 PX00 009A14 1866	ri 6330439G07 PX00009A14 1866 contigs=4 ver=1 seqid=28270
163	CUST_19698_PI42 8753551	8.173604	10.768697	6.042279831	lncRNA	ri 6330441A18 PX00 315C13 2799	ri 6330441A18 PX00315C13 2799 contigs=90 ver=1 seqid=52085
164	CUST_19703_PI42 8753551	10.69393	9.062004	0.322656278	lncRNA	ri 6330441K01 PX00 009E16 997	ri 6330441K01 PX00009E16 997 contigs=2 ver=1 seqid=28099
165	CUST_19772_PI42 8753551	9.473255	11.940975	5.531688815	lncRNA	ri 6330501017 PX00 717I13 1515	ri 6330501017 PX00717I13 1515 contigs=76 ver=1 seqid=88171
166	CUST_19773_PI42 8753551	8.392694	10.679865	4.88098054	lncRNA	ri 6330501017 PX00 717I13 1515	ri 6330501017 PX00717I13 1515 contigs=76 ver=1 seqid=88171
167	CUST_19774_PI42 8753551	8.634589	11.006184	5.175129628	lncRNA	ri 6330501017 PX00 717I13 1515	ri 6330501017 PX00717I13 1515 contigs=76 ver=1 seqid=88171
168	CUST_19902_PI42 8753551	11.16322	8.845243	0.200548489	lncRNA	ri 6330535A03 PX00 043K22 2023	ri 6330535A03 PX00043K22 2023 contigs=9 ver=1 seqid=31264
169	CUST_19917_PI42 8753551	9.821513	7.9274225	0.269043154	lncRNA	ri 6330539F10 PX00 647M24 1460	ri 6330539F10 PX00647M24 1460 contigs=45 ver=1 seqid=69957
170	CUST_19987_PI42 8753551	9.837633	8.073191	0.294340506	lncRNA	ri 6330556I22 PX00 044E19 1195	ri 6330556I22 PX00044E19 1195 contigs=2 ver=1 seqid=18399
171	CUST_19988_PI42 8753551	11.34576	9.371787	0.254551505	lncRNA	ri 6330556I22 PX00 044E19 1195	ri 6330556I22 PX00044E19 1195 contigs=2 ver=1 seqid=18399

172	CUST_19989_PI42 8753551	11.40087	9.641174	0.295310181	lncRNA	ri 6330556I22 PX00 044E19 1195	ri 6330556I22 PX00044E19 1195 contigs=2 ver=1 seqid=18399
173	CUST_20143_PI42 8753551	9.54982	11.252634	3.255353016	lncRNA	ri 6330599A21 PX00 044H11 1333	ri 6330599A21 PX00044H11 1333 contigs=29 ver=1 seqid=37082
174	CUST_20144_PI42 8753551	11.35803	13.245079	3.698778736	lncRNA	ri 6330599A21 PX00 044H11 1333	ri 6330599A21 PX00044H11 1333 contigs=29 ver=1 seqid=37082
175	CUST_20465_PI42 8753551	8.398495	12.376617	15.75919569	lncRNA	ri 6430519K04 PX00 648A16 1378	ri 6430519K04 PX00648A16 1378 contigs=59 ver=1 seqid=70997
176	CUST_20508_PI42 8753551	11.77913	9.866922	0.265685795	lncRNA	ri 6430525L24 PX00 648I02 2436	ri 6430525L24 PX00648I02 2436 contigs=51 ver=1 seqid=70917
177	CUST_20683_PI42 8753551	8.314263	12.447855	17.55234642	lncRNA	ri 6430546G07 PX00 717D15 2006	ri 6430546G07 PX00717D15 2006 contigs=44 ver=1 seqid=107212
178	CUST_20890_PI42 8753551	8.821046	13.428169	24.37149759	lncRNA	ri 6430587A09 PX00 648N16 1668	ri 6430587A09 PX00648N16 1668 contigs=17 ver=1 seqid=64127
179	CUST_20891_PI42 8753551	7.122447	11.583296	22.02162461	lncRNA	ri 6430587A09 PX00 648N16 1668	ri 6430587A09 PX00648N16 1668 contigs=17 ver=1 seqid=64127
180	CUST_21339_PI42 8753551	9.140461	11.65167	5.700976284	lncRNA	ri 6720425G15 PX00 059C24 1587	ri 6720425G15 PX00059C24 1587 contigs=32 ver=1 seqid=21302
181	CUST_21341_PI42 8753551	12.32759	10.579664	0.297728864	lncRNA	ri 6720425G15 PX00 059C24 1587	ri 6720425G15 PX00059C24 1587 contigs=32 ver=1 seqid=21302
182	CUST_21374_PI42 8753551	8.075855	9.803559	3.312003047	lncRNA	ri 6720429D13 PX00 059G20 1919	ri 6720429D13 PX00059G20 1919 contigs=5 ver=1 seqid=25569
183	CUST_21494_PI42 8753551	8.05594	9.843573	3.452479863	lncRNA	ri 6720450I01 PX00 704D23 511	ri 6720450I01 PX00704D23 511 contigs=20 ver=1 seqid=86879
184	CUST_21496_PI42 8753551	8.151893	10.616493	5.519738805	lncRNA	ri 6720450I01 PX00 704D23 511	ri 6720450I01 PX00704D23 511 contigs=20 ver=1 seqid=86879
185	CUST_21527_PI42 8753551	12.4954	9.249931	0.105442764	lncRNA	ri 6720453J21 PX00 717F20 3824	ri 6720453J21 PX00717F20 3824 contigs=44 ver=1 seqid=107218
186	CUST_21529_PI42 8753551	11.06881	7.729	0.098768102	lncRNA	ri 6720453J21 PX00 717F20 3824	ri 6720453J21 PX00717F20 3824 contigs=44 ver=1 seqid=107218
187	CUST_21656_PI42 8753551	9.398451	7.3051887	0.234350162	lncRNA	ri 6720465A10 PX00 059L24 947	ri 6720465A10 PX00059L24 947 contigs=2 ver=1 seqid=22595
188	CUST_21657_PI42 8753551	10.65284	8.844144	0.285448819	lncRNA	ri 6720465A10 PX00 059L24 947	ri 6720465A10 PX00059L24 947 contigs=2 ver=1 seqid=22595

189	CUST_21658_PI42 8753551	11.4732	9.85684	0.326156888	lncRNA	ri 6720465A10 PX00 059L24 947	ri 6720465A10 PX00059L24 947 contigs=2 ver=1 seqid=22595
190	CUST_21669_PI42 8753551	9.462681	7.5329676	0.262481309	lncRNA	ri 6720467L15 PX00 060E09 2481	ri 6720467L15 PX00060E09 2481 contigs=51 ver=2 seqid=40018
191	CUST_22113_PI42 8753551	7.376931	9.047735	3.183920471	lncRNA	ri 6820440D11 PX00 650K05 1753	ri 6820440D11 PX00650K05 1753 contigs=64 ver=1 seqid=66126
192	CUST_2228_PI428 753551	7.040422	9.1982565	4.462446893	lncRNA	ENSMUST00000141679	ENSMUST00000141679 ensembl_havana_lincrna:lincRNA chromosome:GRCm38:6:29985331:29993776:1 gene:ENSMUSG00000045709 gene_biotype:lincRNA transcript biotype:processed transcript
193	CUST_22290_PI42 8753551	12.74012	8.948018	0.072187958	lncRNA	ri 7030418D15 PX00 650C20 1209	ri 7030418D15 PX00650C20 1209 contigs=54 ver=1 seqid=69989
194	CUST_22486_PI42 8753551	7.225335	9.808738	5.993519385	lncRNA	ri 7120436G06 PX00 706C01 2761	ri 7120436G06 PX00706C01 2761 contigs=29 ver=1 seqid=87911
195	CUST_22800_PI42 8753551	10.2462	8.291096	0.257901488	lncRNA	ri 7120467G07 PX00 706F12 1713	ri 7120467G07 PX00706F12 1713 contigs=28 ver=1 seqid=87914
196	CUST_22987_PI42 8753551	9.524951	7.37727	0.225675076	lncRNA	ri 7120486K11 PX00 650M02 1673	ri 7120486K11 PX00650M02 1673 contigs=9 ver=1 seqid=69452
197	CUST_22990_PI42 8753551	10.3858	7.0975947	0.102365019	lncRNA	ri 7120486020 PX00 321A09 2413	ri 7120486020 PX00321A09 2413 contigs=62 ver=1 seqid=75532
198	CUST_23209_PI42 8753551	8.39744	10.094983	3.243481028	lncRNA	ri 7330429M12 PX00 650J09 993	ri 7330429M12 PX00650J09 993 contigs=27 ver=1 seqid=70004
199	CUST_23591_PI42 8753551	10.95473	8.269862	0.155515577	lncRNA	ri 7420473C23 PX00 322P02 2337	ri 7420473C23 PX00322P02 2337 contigs=75 ver=1 seqid=74980
200	CUST_23592_PI42 8753551	14.41764	12.161272	0.209298808	lncRNA	ri 7420473C23 PX00 322P02 2337	ri 7420473C23 PX00322P02 2337 contigs=75 ver=1 seqid=74980
201	CUST_23616_PI42 8753551	11.21954	9.22431	0.250828294	lncRNA	ri 7420491P20 PX00 323I08 719	ri 7420491P20 PX00323I08 719 contigs=22 ver=1 seqid=78176
202	CUST_23617_PI42 8753551	9.759583	7.17784	0.167039071	lncRNA	ri 7420491P20 PX00 323I08 719	ri 7420491P20 PX00323I08 719 contigs=22 ver=1 seqid=78176
203	CUST_23618_PI42 8753551	10.8079	8.380419	0.185889734	lncRNA	ri 7420491P20 PX00 323I08 719	ri 7420491P20 PX00323I08 719 contigs=22 ver=1 seqid=78176
204	CUST_23710_PI42 8753551	9.275436	14.9744	51.94683692	lncRNA	ri 7530417E14 PX00 312N23 3165	ri 7530417E14 PX00312N23 3165 contigs=84 ver=1 seqid=60448

205	CUST_23711_PI42 8753551	10.42094	15.756928	40.39172906	lncRNA	ri 7530417E14 PX00 312N23 3165	ri 7530417E14 PX00312N23 3165 contigs=84 ver=1 seqid=60448
206	CUST_23712_PI42 8753551	13.21673	17.757399	23.27431819	lncRNA	ri 7530417E14 PX00 312N23 3165	ri 7530417E14 PX00312N23 3165 contigs=84 ver=1 seqid=60448
207	CUST_23750_PI42 8753551	7.158012	9.857296	6.494795047	lncRNA	ri 7530422H22 PX00 312P09 1378	ri 7530422H22 PX00312P09 1378 contigs=54 ver=1 seqid=60460
208	CUST_2381_PI428 753551	13.97342	10.442473	0.086512415	lncRNA	ENSMUST00000125158	ENSMUST00000125158 ensembl_havana_lincrna:lincRNA chromosome:GRCm38:10:24595249:24597108:-1 gene:ENSMUSG00000087400 gene_biotype:lincRNA transcript biotype:processed transcript
209	CUST_23962_PI42 8753551	10.55404	7.529396	0.122882723	lncRNA	ri 8030446N16 PX00 103J01 4322	ri 8030446N16 PX00103J01 4322 contigs=125 ver=1 seqid=32523
210	CUST_23966_PI42 8753551	13.19129	8.654989	0.043095917	lncRNA	ri 8030447E04 PX00 104A13 2757	ri 8030447E04 PX00104A13 2757 contigs=64 ver=1 seqid=34011
211	CUST_23967_PI42 8753551	11.88814	7.0974803	0.036130031	lncRNA	ri 8030447E04 PX00 104A13 2757	ri 8030447E04 PX00104A13 2757 contigs=64 ver=1 seqid=34011
212	CUST_23968_PI42 8753551	15.68876	11.554634	0.056951237	lncRNA	ri 8030447E04 PX00 104A13 2757	ri 8030447E04 PX00104A13 2757 contigs=64 ver=1 seqid=34011
213	CUST_24116_PI42 8753551	10.11041	8.477114	0.322349913	lncRNA	ri 8030477M01 PX00 103D22 2480	ri 8030477M01 PX00103D22 2480 contigs=59 ver=1 seqid=30841
214	CUST_24414_PI42 8753551	12.52309	8.238665	0.051316906	lncRNA	ri 8430408014 PX00 024020 1484	ri 8430408014 PX00024020 1484 contigs=23 ver=1 seqid=24387
215	CUST_24501_PI42 8753551	7.424988	10.327817	7.478915067	lncRNA	ri 8430427E23 PX00 651K03 1340	ri 8430427E23 PX00651K03 1340 contigs=75 ver=1 seqid=72598
216	CUST_24567_PI42 8753551	10.25548	12.785098	5.774195682	lncRNA	ri 8430438I05 PX00 025K08 1241	ri 8430438I05 PX00025K08 1241 contigs=4 ver=2 seqid=58042
217	CUST_24568_PI42 8753551	7.989783	10.279596	4.889926228	lncRNA	ri 8430438I05 PX00 025K08 1241	ri 8430438I05 PX00025K08 1241 contigs=4 ver=2 seqid=58042
218	CUST_24670_PI42 8753551	8.151394	10.695669	5.833149298	lncRNA	ri 9030203C12 PX00 060P13 1433	ri 9030203C12 PX00060P13 1433 contigs=4 ver=1 seqid=25629
219	CUST_24679_PI42 8753551	8.44474	11.493874	8.277149412	lncRNA	ri 9030204N09 PX00 060P08 2089	ri 9030204N09 PX00060P08 2089 contigs=4 ver=1 seqid=25628
220	CUST_24960_PI42 8753551	10.30146	8.330723	0.255122315	lncRNA	ri 9130017F21 PX00 026B07 2962	ri 9130017F21 PX00026B07 2962 contigs=19 ver=1 seqid=26216

221	CUST_25009_PI42 8753551	7.396154	9.080463	3.213865381	lncRNA	ri 9130203F04 PX00 061G13 2663	ri 9130203F04 PX00061G13 2663 contigs=18 ver=1 seqid=40030
222	CUST_25022_PI42 8753551	10.46674	8.19639	0.207279307	lncRNA	ri 9130204C03 PX00 061C18 2906	ri 9130204C03 PX00061C18 2906 contigs=30 ver=1 seqid=28919
223	CUST_25031_PI42 8753551	7.266853	9.026288	3.385655072	lncRNA	ri 9130206D18 PX00 061I20 2559	ri 9130206D18 PX00061I20 2559 contigs=54 ver=1 seqid=27629
224	CUST_25059_PI42 8753551	8.917901	12.191582	9.671106754	lncRNA	ri 9130208E07 PX00 061F09 1023	ri 9130208E07 PX00061F09 1023 contigs=2 ver=1 seqid=22469
225	CUST_25165_PI42 8753551	13.20262	11.30522	0.268426498	lncRNA	ri 9130409M24 PX00 026I06 2021	ri 9130409M24 PX00026I06 2021 contigs=6 ver=1 seqid=17753
226	CUST_25166_PI42 8753551	11.06543	8.942379	0.229560925	lncRNA	ri 9130409M24 PX00 026I06 2021	ri 9130409M24 PX00026I06 2021 contigs=6 ver=1 seqid=17753
227	CUST_25167_PI42 8753551	10.50298	8.041119	0.18151265	lncRNA	ri 9130409M24 PX00 026I06 2021	ri 9130409M24 PX00026I06 2021 contigs=6 ver=1 seqid=17753
228	CUST_25339_PI42 8753551	7.630295	11.488233	14.49956788	lncRNA	ri 9230023C11 PX00 324K19 1460	ri 9230023C11 PX00324K19 1460 contigs=29 ver=1 seqid=76235
229	CUST_25444_PI42 8753551	7.486738	10.613136	8.732521563	lncRNA	ri 9230104K21 PX00 061P17 977	ri 9230104K21 PX00061P17 977 contigs=2 ver=1 seqid=22492
230	CUST_25490_PI42 8753551	9.340207	7.2520833	0.235186361	lncRNA	ri 9230106K10 PX00 061L12 2192	ri 9230106K10 PX00061L12 2192 contigs=4 ver=1 seqid=25668
231	CUST_25491_PI42 8753551	10.84869	9.13071	0.303974245	lncRNA	ri 9230106K10 PX00 061L12 2192	ri 9230106K10 PX00061L12 2192 contigs=4 ver=1 seqid=25668
232	CUST_25662_PI42 8753551	9.197046	10.828381	3.097995396	lncRNA	ri 9230116L08 PX00 062E07 1438	ri 9230116L08 PX00062E07 1438 contigs=4 ver=1 seqid=26625
233	CUST_25781_PI42 8753551	12.55653	14.335296	3.431327906	lncRNA	ri 9330013M08 PX00 324I24 2429	ri 9330013M08 PX00324I24 2429 contigs=93 ver=1 seqid=76205
234	CUST_26346_PI42 8753551	9.61809	7.2434535	0.192824931	lncRNA	ri 9330162P19 PX00 106I06 4245	ri 9330162P19 PX00106I06 4245 contigs=130 ver=1 seqid=33273
235	CUST_26347_PI42 8753551	13.63788	11.75786	0.271680891	lncRNA	ri 9330162P19 PX00 106I06 4245	ri 9330162P19 PX00106I06 4245 contigs=130 ver=1 seqid=33273
236	CUST_26362_PI42 8753551	11.93689	9.701208	0.212321298	lncRNA	ri 9330164E11 PX00 105N24 1998	ri 9330164E11 PX00105N24 1998 contigs=4 ver=1 seqid=29865
237	CUST_26392_PI42 8753551	10.36476	8.378291	0.252356648	lncRNA	ri 9330167E06 PX00 106M16 1898	ri 9330167E06 PX00106M16 1898 contigs=4 ver=1 seqid=30917

238	CUST_26445_PI42 8753551	10.41883	8.804491	0.326615463	lncRNA	ri 9330171J18 PX00 312C18 3563	ri 9330171J18 PX00312C18 3563 contigs=84 ver=1 seqid=60368
239	CUST_26654_PI42 8753551	9.893098	8.065093	0.281653831	lncRNA	ri 9330186E03 PX00 106L23 2673	ri 9330186E03 PX00106L23 2673 contigs=88 ver=1 seqid=34081
240	CUST_26863_PI42 8753551	7.144297	10.660178	11.43893632	lncRNA	ri 9430004F14 PX00 107L15 2072	ri 9430004F14 PX00107L15 2072 contigs=4 ver=1 seqid=29914
241	CUST_26866_PI42 8753551	9.663839	7.948968	0.304629803	lncRNA	ri 9430004G04 PX00 107L06 2498	ri 9430004G04 PX00107L06 2498 contigs=6 ver=1 seqid=45218
242	CUST_27041_PI42 8753551	8.928369	10.907683	3.943055453	lncRNA	ri 9430018I06 PX00 316I07 1135	ri 9430018I06 PX00316I07 1135 contigs=16 ver=1 seqid=62017
243	CUST_27043_PI42 8753551	7.826647	9.710348	3.690205093	lncRNA	ri 9430018I06 PX00 316I07 1135	ri 9430018I06 PX00316I07 1135 contigs=16 ver=1 seqid=62017
244	CUST_27066_PI42 8753551	11.25224	9.582152	0.314234176	lncRNA	ri 9430020K16 PX00 108G07 3214	ri 9430020K16 PX00108G07 3214 contigs=190 ver=1 seqid=34197
245	CUST_27094_PI42 8753551	8.268811	10.225126	3.880694865	lncRNA	ri 9430022M17 PX00 108J01 2849	ri 9430022M17 PX00108J01 2849 contigs=80 ver=1 seqid=34208
246	CUST_27095_PI42 8753551	7.953914	10.67905	6.612225837	lncRNA	ri 9430023A02 PX00 108I20 1190	ri 9430023A02 PX00108I20 1190 contigs=4 ver=1 seqid=36314
247	CUST_27096_PI42 8753551	7.372367	9.732161	5.13297061	lncRNA	ri 9430023A02 PX00 108I20 1190	ri 9430023A02 PX00108I20 1190 contigs=4 ver=1 seqid=36314
248	CUST_27097_PI42 8753551	7.40333	9.7447815	5.068121812	lncRNA	ri 9430023A02 PX00 108I20 1190	ri 9430023A02 PX00108I20 1190 contigs=4 ver=1 seqid=36314
249	CUST_27300_PI42 8753551	8.873441	10.971363	4.280923337	lncRNA	ri 9430037G07 PX00 108J12 2263	ri 9430037G07 PX00108J12 2263 contigs=6 ver=1 seqid=42874
250	CUST_27322_PI42 8753551	9.063119	7.1563106	0.26668186	lncRNA	ri 9430040K09 PX00 108P09 1130	ri 9430040K09 PX00108P09 1130 contigs=2 ver=1 seqid=21683
251	CUST_27544_PI42 8753551	11.04647	9.351428	0.308846738	lncRNA	ri 9430063G17 PX00 110I22 2610	ri 9430063G17 PX00110I22 2610 contigs=62 ver=1 seqid=34287
252	CUST_27784_PI42 8753551	10.31308	8.572057	0.299157264	lncRNA	ri 9430083A20 PX00 110M06 743	ri 9430083A20 PX00110M06 743 contigs=10 ver=1 seqid=21907
253	CUST_27785_PI42 8753551	9.789517	8.185716	0.32900901	lncRNA	ri 9430083A20 PX00 110M06 743	ri 9430083A20 PX00110M06 743 contigs=10 ver=1 seqid=21907
254	CUST_27786_PI42 8753551	10.67801	8.97168	0.30643925	lncRNA	ri 9430083A20 PX00 110M06 743	ri 9430083A20 PX00110M06 743 contigs=10 ver=1 seqid=21907

255	CUST_28084_PI42 8753551	10.81957	8.112059	0.153093931	lncRNA	ri 9530001J02 PX00 653K12 1768	ri 9530001J02 PX00653K12 1768 contigs=63 ver=1 seqid=67664
256	CUST_28181_PI42 8753551	7.685114	9.46591	3.436157106	lncRNA	ri 9530006C21 PX00 111D05 604	ri 9530006C21 PX00111D05 604 contigs=2 ver=1 seqid=21948
257	CUST_28185_PI42 8753551	11.47293	7.2267046	0.052693748	lncRNA	ri 9530006G20 PX00 111M16 2928	ri 9530006G20 PX00111M16 2928 contigs=6 ver=1 seqid=42949
258	CUST_28187_PI42 8753551	11.77892	7.681283	0.058409992	lncRNA	ri 9530006G20 PX00 111M16 2928	ri 9530006G20 PX00111M16 2928 contigs=6 ver=1 seqid=42949
259	CUST_28211_PI42 8753551	8.287118	10.040666	3.371867861	lncRNA	ri 9530007H23 PX00 111L08 2699	ri 9530007H23 PX00111L08 2699 contigs=6 ver=1 seqid=42947
260	CUST_28214_PI42 8753551	7.267036	9.591799	5.009836428	lncRNA	ri 9530008B08 PX00 111D13 2729	ri 9530008B08 PX00111D13 2729 contigs=6 ver=1 seqid=42933
261	CUST_28356_PI42 8753551	10.03996	11.722749	3.210473299	lncRNA	ri 9530021D13 PX00 111J19 3344	ri 9530021D13 PX00111J19 3344 contigs=37 ver=1 seqid=35575
262	CUST_28416_PI42 8753551	7.029123	8.848124	3.528367906	lncRNA	ri 9530026B17 PX00 111N23 1846	ri 9530026B17 PX00111N23 1846 contigs=4 ver=1 seqid=31051
263	CUST_28634_PI42 8753551	7.407325	9.178204	3.412618161	lncRNA	ri 9530046C15 PX00 653B20 1760	ri 9530046C15 PX00653B20 1760 contigs=74 ver=1 seqid=67634
264	CUST_28635_PI42 8753551	8.813293	12.411239	12.10848112	lncRNA	ri 9530046C15 PX00 653B20 1760	ri 9530046C15 PX00653B20 1760 contigs=74 ver=1 seqid=67634
265	CUST_28853_PI42 8753551	12.90295	9.944277	0.128632313	lncRNA	ri 9530064J02 PX00 653L06 3008	ri 9530064J02 PX00653L06 3008 contigs=44 ver=1 seqid=68482
266	CUST_28855_PI42 8753551	13.7272	10.98776	0.149742536	lncRNA	ri 9530064J02 PX00 653L06 3008	ri 9530064J02 PX00653L06 3008 contigs=44 ver=1 seqid=68482
267	CUST_28930_PI42 8753551	7.955347	10.633138	6.39875576	lncRNA	ri 9530071H11 PX00 113N02 521	ri 9530071H11 PX00113N02 521 contigs=8 ver=2 seqid=30106
268	CUST_28931_PI42 8753551	9.855932	12.312565	5.489341141	lncRNA	ri 9530071H11 PX00 113N02 521	ri 9530071H11 PX00113N02 521 contigs=8 ver=2 seqid=30106
269	CUST_29006_PI42 8753551	12.17488	8.440617	0.075140629	lncRNA	ri 9530076L18 PX00 113D02 2539	ri 9530076L18 PX00113D02 2539 contigs=32 ver=1 seqid=34416
270	CUST_29007_PI42 8753551	12.0442	8.025393	0.061690408	lncRNA	ri 9530076L18 PX00 113D02 2539	ri 9530076L18 PX00113D02 2539 contigs=32 ver=1 seqid=34416
271	CUST_29008_PI42 8753551	14.34201	10.237778	0.058143592	lncRNA	ri 9530076L18 PX00 113D02 2539	ri 9530076L18 PX00113D02 2539 contigs=32 ver=1 seqid=34416

272	CUST_29343_PI42 8753551	11.66436	9.906605	0.295707963	lncRNA	ri 9630005I06 PX00 114P07 3553	ri 9630005I06 PX00114P07 3553 contigs=48 ver=1 seqid=34543
273	CUST_29552_PI42 8753551	11.97314	9.97525	0.250366076	lncRNA	ri 9630020E20 PX00 115P12 1901	ri 9630020E20 PX00115P12 1901 contigs=4 ver=1 seqid=39477
274	CUST_30410_PI42 8753551	7.033644	9.682327	6.270946885	lncRNA	ri 9830141A17 PX00 119A01 4293	ri 9830141A17 PX00119A01 4293 contigs=28 ver=1 seqid=45353
275	CUST_30411_PI42 8753551	7.345423	10.592739	9.495976074	lncRNA	ri 9830141A17 PX00 119A01 4293	ri 9830141A17 PX00119A01 4293 contigs=28 ver=1 seqid=45353
276	CUST_30412_PI42 8753551	10.46459	13.499395	8.195369518	lncRNA	ri 9830141A17 PX00 119A01 4293	ri 9830141A17 PX00119A01 4293 contigs=28 ver=1 seqid=45353
277	CUST_30469_PI42 8753551	9.741156	7.4460077	0.203747138	lncRNA	ri 9830144J20 PX00 118L18 4069	ri 9830144J20 PX00118L18 4069 contigs=65 ver=1 seqid=36396
278	CUST_30605_PI42 8753551	7.068826	10.569113	11.3159594	lncRNA	ri 9930004G02 PX00 119L13 1331	ri 9930004G02 PX00119L13 1331 contigs=4 ver=1 seqid=40388
279	CUST_30700_PI42 8753551	10.00663	15.225255	37.2359949	lncRNA	ri 9930017M09 PX00 119L04 4797	ri 9930017M09 PX00119L04 4797 contigs=49 ver=1 seqid=36430
280	CUST_309_PI4287 53551	7.743874	9.745372	4.004155495	lncRNA	ENSMUST00000152813	ENSMUST00000152813 ensembl_havana_transcript:lincRNA chromosome:GRCm38:2:122630646:122632930:1 gene:ENSMUSG00000074876 gene_biotype:lincRNA transcript_biotype:lincRNA
281	CUST_30949_PI42 8753551	10.45334	7.3476186	0.116167354	lncRNA	ri 9930102M14 PX00 062L21 2656	ri 9930102M14 PX00062L21 2656 contigs=52 ver=1 seqid=27677
282	CUST_30970_PI42 8753551	9.983825	8.34022	0.320055721	lncRNA	ri 9930105C24 PX00 062N05 1880	ri 9930105C24 PX00062N05 1880 contigs=4 ver=1 seqid=26634
283	CUST_30977_PI42 8753551	9.392948	12.991936	12.11722974	lncRNA	ri 9930106P14 PX00 062H07 1873	ri 9930106P14 PX00062H07 1873 contigs=4 ver=1 seqid=26627
284	CUST_30978_PI42 8753551	7.829766	10.894636	8.367925458	lncRNA	ri 9930106P14 PX00 062H07 1873	ri 9930106P14 PX00062H07 1873 contigs=4 ver=1 seqid=26627
285	CUST_30979_PI42 8753551	10.3228	13.459923	8.79770362	lncRNA	ri 9930106P14 PX00 062H07 1873	ri 9930106P14 PX00062H07 1873 contigs=4 ver=1 seqid=26627
286	CUST_31031_PI42 8753551	7.119599	8.970585	3.607465756	lncRNA	ri 9930114B14 PX00 062J01 1465	ri 9930114B14 PX00062J01 1465 contigs=4 ver=1 seqid=26628
287	CUST_31293_PI42 8753551	7.174746	9.972421	6.953191867	lncRNA	ri A130004J02 PX00 121A05 2061	ri A130004J02 PX00121A05 2061 contigs=4 ver=1 seqid=40466

288	CUST_3145_PI428 753551	12.0261	9.492225	0.172674745	lncRNA	ri 1100001A16 R000 005L22 1168	ri 1100001A16 R000005L22 1168 contigs=2 ver=1 seqid=652
289	CUST_3146_PI428 753551	13.147	10.962696	0.220018082	lncRNA	ri 1100001A16 R000 005L22 1168	ri 1100001A16 R000005L22 1168 contigs=2 ver=1 seqid=652
290	CUST_3170_PI428 753551	10.84546	9.213854	0.322729643	lncRNA	ri 1110001E17 R000 015I11 660	ri 1110001E17 R000015I11 660 contigs=4 ver=2 seqid=14784
291	CUST_3171_PI428 753551	11.04997	15.536328	22.41446252	lncRNA	ri 1110001I14 R000 013G07 436	ri 1110001I14 R000013G07 436 contigs=2 ver=1 seqid=883
292	CUST_3172_PI428 753551	11.96413	16.17268	18.48848364	lncRNA	ri 1110001I14 R000 013G07 436	ri 1110001I14 R000013G07 436 contigs=2 ver=1 seqid=883
293	CUST_3173_PI428 753551	13.24281	17.282118	16.44196702	lncRNA	ri 1110001I14 R000 013G07 436	ri 1110001I14 R000013G07 436 contigs=2 ver=1 seqid=883
294	CUST_3191_PI428 753551	10.89063	7.464845	0.093054324	lncRNA	ri 1110002E14 R000 013C02 815	ri 1110002E14 R000013C02 815 contigs=2 ver=1 seqid=834
295	CUST_31911_PI42 8753551	10.32471	7.597494	0.151017433	lncRNA	ri A130027H19 PX00 122K06 1688	ri A130027H19 PX00122K06 1688 contigs=4 ver=1 seqid=44300
296	CUST_3192_PI428 753551	11.7728	9.893098	0.271740405	lncRNA	ri 1110002E14 R000 013C02 815	ri 1110002E14 R000013C02 815 contigs=2 ver=1 seqid=834
297	CUST_3193_PI428 753551	14.47234	10.324611	0.056416853	lncRNA	ri 1110002E14 R000 013C02 815	ri 1110002E14 R000013C02 815 contigs=2 ver=1 seqid=834
298	CUST_3230_PI428 753551	7.861868	12.024925	17.914514	lncRNA	ri 1110003F11 R000 013M10 378	ri 1110003F11 R000013M10 378 contigs=2 ver=1 seqid=956
299	CUST_3239_PI428 753551	7.597494	11.432465	14.27056945	lncRNA	ri 1110003022 R000 013B13 1020	ri 1110003022 R000013B13 1020 contigs=2 ver=1 seqid=827
300	CUST_3240_PI428 753551	9.302659	13.12278	14.12443252	lncRNA	ri 1110003022 R000 013B13 1020	ri 1110003022 R000013B13 1020 contigs=2 ver=1 seqid=827
301	CUST_3241_PI428 753551	9.985441	13.864183	14.71016985	lncRNA	ri 1110003022 R000 013B13 1020	ri 1110003022 R000013B13 1020 contigs=2 ver=1 seqid=827
302	CUST_3251_PI428 753551	13.33613	11.15226	0.220084584	lncRNA	ri 1110004B06 R000 015D05 528	ri 1110004B06 R000015D05 528 contigs=5 ver=2 seqid=18658
303	CUST_3252_PI428 753551	14.87221	12.291598	0.167170594	lncRNA	ri 1110004B06 R000 015D05 528	ri 1110004B06 R000015D05 528 contigs=5 ver=2 seqid=18658
304	CUST_32597_PI42 8753551	8.615984	10.306874	3.228558123	lncRNA	ri A130057A22 PX00 124A03 1891	ri A130057A22 PX00124A03 1891 contigs=4 ver=1 seqid=44341

305	CUST_3270_PI428 753551	10.25236	11.855465	3.03796974	lncRNA	ri 1110004L15 R000 013J05 1522	ri 1110004L15 R000013J05 1522 contigs=7 ver=2 seqid=18637
306	CUST_32787_PI42 8753551	10.31635	8.247544	0.23835619	lncRNA	ri A130067J10 PX00 124F18 3364	ri A130067J10 PX00124F18 3364 contigs=82 ver=1 seqid=37508
307	CUST_3279_PI428 753551	13.26648	11.670191	0.330727519	lncRNA	ri 1110004P15 R000 015H09 626	ri 1110004P15 R000015H09 626 contigs=2 ver=1 seqid=13938
308	CUST_32928_PI42 8753551	7.97482	9.759007	3.444243878	lncRNA	ri A130073A11 PX00 125A21 1133	ri A130073A11 PX00125A21 1133 contigs=4 ver=1 seqid=44426
309	CUST_33243_PI42 8753551	7.182504	9.105538	3.792198019	lncRNA	ri A130083J18 PX00 125H18 3131	ri A130083J18 PX00125H18 3131 contigs=121 ver=1 seqid=37540
310	CUST_33361_PI42 8753551	9.630889	11.373812	3.347126322	lncRNA	ri A130087A19 PX00 125F22 1957	ri A130087A19 PX00125F22 1957 contigs=4 ver=1 seqid=40530
311	CUST_33363_PI42 8753551	12.92563	14.761111	3.568906239	lncRNA	ri A130087A19 PX00 125F22 1957	ri A130087A19 PX00125F22 1957 contigs=4 ver=1 seqid=40530
312	CUST_33452_PI42 8753551	9.523695	7.5511217	0.254798149	lncRNA	ri A130090I05 PX00 125M06 2314	ri A130090I05 PX00125M06 2314 contigs=36 ver=1 seqid=36540
313	CUST_3348_PI428 753551	9.204689	7.10514	0.233331178	lncRNA	ri 1110008N23 R000 014K05 1185	ri 1110008N23 R000014K05 1185 contigs=2 ver=1 seqid=1101
314	CUST_3349_PI428 753551	11.74023	8.773741	0.127937402	lncRNA	ri 1110008N23 R000 014K05 1185	ri 1110008N23 R000014K05 1185 contigs=2 ver=1 seqid=1101
315	CUST_33557_PI42 8753551	8.537951	12.360505	14.14827734	lncRNA	ri A130094K06 PX00 126K01 3598	ri A130094K06 PX00126K01 3598 contigs=28 ver=1 seqid=37569
316	CUST_33854_PI42 8753551	9.218559	11.399669	4.535023416	lncRNA	ri A230019K01 PX00 126K24 1997	ri A230019K01 PX00126K24 1997 contigs=22 ver=1 seqid=26843
317	CUST_3391_PI428 753551	12.79059	11.026232	0.294358257	lncRNA	ri 1110014L14 R000 016E10 703	ri 1110014L14 R000016E10 703 contigs=2 ver=1 seqid=13964
318	CUST_33918_PI42 8753551	8.921459	7.2600074	0.316120916	lncRNA	ri A230023E16 PX00 127K09 3198	ri A230023E16 PX00127K09 3198 contigs=76 ver=1 seqid=37943
319	CUST_3392_PI428 753551	11.65898	9.925932	0.300815956	lncRNA	ri 1110014L14 R000 016E10 703	ri 1110014L14 R000016E10 703 contigs=2 ver=1 seqid=13964
320	CUST_3393_PI428 753551	11.16809	9.554411	0.326764916	lncRNA	ri 1110014L14 R000 016E10 703	ri 1110014L14 R000016E10 703 contigs=2 ver=1 seqid=13964
321	CUST_3400_PI428 753551	7.959928	10.651668	6.46092174	lncRNA	ri 1110014020 R000 016G10 1273	ri 1110014020 R000016G10 1273 contigs=2 ver=1 seqid=1482

322	CUST_3401_PI428 753551	10.08354	12.605844	5.744980516	lncRNA	ri 1110014020 R000 016G10 1273	ri 1110014020 R000016G10 1273 contigs=2 ver=1 seqid=1482
323	CUST_3402_PI428 753551	10.97905	13.867366	7.404067255	lncRNA	ri 1110014020 R000 016G10 1273	ri 1110014020 R000016G10 1273 contigs=2 ver=1 seqid=1482
324	CUST_3426_PI428 753551	7.695674	9.347841	3.143053	lncRNA	ri 1110017010 R000 014N03 1076	ri 1110017010 R000014N03 1076 contigs=2 ver=1 seqid=1122
325	CUST_3452_PI428 753551	7.5114	12.94265	43.14884389	lncRNA	ri 1110019A15 R000 014N04 695	ri 1110019A15 R000014N04 695 contigs=2 ver=1 seqid=1123
326	CUST_3453_PI428 753551	9.207562	14.689886	44.70375147	lncRNA	ri 1110019A15 R000 014N04 695	ri 1110019A15 R000014N04 695 contigs=2 ver=1 seqid=1123
327	CUST_3454_PI428 753551	9.409166	15.381022	62.76359131	lncRNA	ri 1110019A15 R000 014N04 695	ri 1110019A15 R000014N04 695 contigs=2 ver=1 seqid=1123
328	CUST_3498_PI428 753551	14.4495	12.282294	0.222640969	lncRNA	ri 1110021C24 R000 016J24 450	ri 1110021C24 R000016J24 450 contigs=2 ver=1 seqid=13968
329	CUST_3499_PI428 753551	14.73303	12.689605	0.242586471	lncRNA	ri 1110021C24 R000 016J24 450	ri 1110021C24 R000016J24 450 contigs=2 ver=1 seqid=13968
330	CUST_35030_PI42 8753551	7.039693	8.945092	3.746124896	lncRNA	ri A230106A20 PX00 316G12 3040	ri A230106A20 PX00316G12 3040 contigs=40 ver=1 seqid=73864
331	CUST_35031_PI42 8753551	9.119598	11.120752	4.003200847	lncRNA	ri A230106A20 PX00 316G12 3040	ri A230106A20 PX00316G12 3040 contigs=40 ver=1 seqid=73864
332	CUST_35098_PI42 8753551	10.42456	8.1494875	0.206602483	lncRNA	ri A230109G23 PX00 063P03 1409	ri A230109G23 PX00063P03 1409 contigs=4 ver=1 seqid=26701
333	CUST_35174_PI42 8753551	7.015714	9.21199	4.582949219	lncRNA	ri A330013K22 PX00 130H19 1275	ri A330013K22 PX00130H19 1275 contigs=72 ver=1 seqid=35673
334	CUST_35683_PI42 8753551	8.631166	7.0265846	0.328831087	lncRNA	ri A330061C18 PX00 132N13 553	ri A330061C18 PX00132N13 553 contigs=4 ver=1 seqid=40686
335	CUST_3590_PI428 753551	9.703623	14.708584	32.11022791	lncRNA	ri 1110033C15 R000 017J01 202	ri 1110033C15 R000017J01 202 contigs=4 ver=1 seqid=1751
336	CUST_3591_PI428 753551	10.6926	15.925382	37.60329034	lncRNA	ri 1110033C15 R000 017J01 202	ri 1110033C15 R000017J01 202 contigs=4 ver=1 seqid=1751
337	CUST_3592_PI428 753551	11.09329	16.239752	35.41923138	lncRNA	ri 1110033C15 R000 017J01 202	ri 1110033C15 R000017J01 202 contigs=4 ver=1 seqid=1751
338	CUST_36042_PI42 8753551	7.540808	9.990508	5.463024905	lncRNA	ri A330094L08 PX00 133B23 894	ri A330094L08 PX00133B23 894 contigs=73 ver=1 seqid=51690

339	CUST_3607_PI428 753551	9.096828	11.285169	4.55781068	lncRNA	ri 1110034E15 R000 017B04 760	ri 1110034E15 R000017B04 760 contigs=2 ver=1 seqid=1654
340	CUST_3608_PI428 753551	11.39184	13.515336	4.357491953	lncRNA	ri 1110034E15 R000 017B04 760	ri 1110034E15 R000017B04 760 contigs=2 ver=1 seqid=1654
341	CUST_3609_PI428 753551	11.95101	14.129715	4.527466606	lncRNA	ri 1110034E15 R000 017B04 760	ri 1110034E15 R000017B04 760 contigs=2 ver=1 seqid=1654
342	CUST_36115_PI42 8753551	9.239015	11.653905	5.332788088	lncRNA	ri A330104M08 PX00 064005 1604	ri A330104M08 PX00064005 1604 contigs=4 ver=1 seqid=27722
343	CUST_36186_PI42 8753551	8.563815	11.86437	9.852944973	lncRNA	ri A430002D02 PX00 134002 1427	ri A430002D02 PX00134002 1427 contigs=4 ver=2 seqid=64823
344	CUST_36201_PI42 8753551	9.375231	7.2708664	0.232553636	lncRNA	ri A430003G02 PX00 134M01 1010	ri A430003G02 PX00134M01 1010 contigs=2 ver=1 seqid=26902
345	CUST_3626_PI428 753551	10.07712	13.046511	7.832033849	lncRNA	ri 1110036H20 R000 017J18 594	ri 1110036H20 R000017J18 594 contigs=2 ver=1 seqid=13983
346	CUST_3627_PI428 753551	10.46785	13.131698	6.337219559	lncRNA	ri 1110036H20 R000 017J18 594	ri 1110036H20 R000017J18 594 contigs=2 ver=1 seqid=13983
347	CUST_3628_PI428 753551	11.9144	14.837214	7.58323273	lncRNA	ri 1110036H20 R000 017J18 594	ri 1110036H20 R000017J18 594 contigs=2 ver=1 seqid=13983
348	CUST_3664_PI428 753551	13.30473	10.033533	0.103578681	lncRNA	ri 1110039C07 R000 018G19 418	ri 1110039C07 R000018G19 418 contigs=2 ver=1 seqid=1933
349	CUST_3665_PI428 753551	13.78868	10.548755	0.105848593	lncRNA	ri 1110039C07 R000 018G19 418	ri 1110039C07 R000018G19 418 contigs=2 ver=1 seqid=1933
350	CUST_3666_PI428 753551	14.90344	12.060565	0.139382757	lncRNA	ri 1110039C07 R000 018G19 418	ri 1110039C07 R000018G19 418 contigs=2 ver=1 seqid=1933
351	CUST_3674_PI428 753551	9.500652	7.1361995	0.1941909	lncRNA	ri 1110046J04 R000 018K07 777	ri 1110046J04 R000018K07 777 contigs=2 ver=2 seqid=95466
352	CUST_3675_PI428 753551	9.545271	7.411259	0.227823425	lncRNA	ri 1110046J04 R000 018K07 777	ri 1110046J04 R000018K07 777 contigs=2 ver=2 seqid=95466
353	CUST_36787_PI42 8753551	9.005046	7.0903225	0.265222762	lncRNA	ri A430056K20 PX00 136J09 982	ri A430056K20 PX00136J09 982 contigs=2 ver=1 seqid=27952
354	CUST_36788_PI42 8753551	9.948992	8.109907	0.279498995	lncRNA	ri A430056K20 PX00 136J09 982	ri A430056K20 PX00136J09 982 contigs=2 ver=1 seqid=27952
355	CUST_36823_PI42 8753551	7.105706	11.168249	16.70887853	lncRNA	ri A430059J10 PX00 136P03 1052	ri A430059J10 PX00136P03 1052 contigs=2 ver=1 seqid=27978

356	CUST_3685_PI428 753551	12.29984	8.919404	0.096025741	lncRNA	ri 1110048P06 R000 018A06 493	ri 1110048P06 R000018A06 493 contigs=2 ver=2 seqid=95380
357	CUST_36850_PI42 8753551	10.58845	8.881107	0.306223308	lncRNA	ri A430062I15 PX00 136N07 590	ri A430062I15 PX00136N07 590 contigs=2 ver=1 seqid=27972
358	CUST_3686_PI428 753551	13.52298	10.400835	0.114852208	lncRNA	ri 1110048P06 R000 018A06 493	ri 1110048P06 R000018A06 493 contigs=2 ver=2 seqid=95380
359	CUST_3687_PI428 753551	14.32657	11.44652	0.135837621	lncRNA	ri 1110048P06 R000 018A06 493	ri 1110048P06 R000018A06 493 contigs=2 ver=2 seqid=95380
360	CUST_36967_PI42 8753551	8.628819	11.387602	6.768250664	lncRNA	ri A430069N05 PX00 137L12 1217	ri A430069N05 PX00137L12 1217 contigs=28 ver=1 seqid=40726
361	CUST_36968_PI42 8753551	8.034061	10.856864	7.075359729	lncRNA	ri A430069N05 PX00 137L12 1217	ri A430069N05 PX00137L12 1217 contigs=28 ver=1 seqid=40726
362	CUST_36969_PI42 8753551	8.329662	11.396057	8.376775445	lncRNA	ri A430069N05 PX00 137L12 1217	ri A430069N05 PX00137L12 1217 contigs=28 ver=1 seqid=40726
363	CUST_37084_PI42 8753551	9.641665	7.077049	0.169033898	lncRNA	ri A430076P17 PX00 137F02 1199	ri A430076P17 PX00137F02 1199 contigs=37 ver=1 seqid=52334
364	CUST_37085_PI42 8753551	10.652	7.975668	0.156438553	lncRNA	ri A430076P17 PX00 137F02 1199	ri A430076P17 PX00137F02 1199 contigs=37 ver=1 seqid=52334
365	CUST_37106_PI42 8753551	7.485159	9.3664665	3.684087942	lncRNA	ri A430077018 PX00 137I22 862	ri A430077018 PX00137I22 862 contigs=2 ver=1 seqid=62156
366	CUST_3712_PI428 753551	11.21125	12.85834	3.132010393	lncRNA	ri 1110051M19 R000 018K10 1294	ri 1110051M19 R000018K10 1294 contigs=28 ver=1 seqid=18755
367	CUST_3713_PI428 753551	11.48369	13.217472	3.325988084	lncRNA	ri 1110051M19 R000 018K10 1294	ri 1110051M19 R000018K10 1294 contigs=28 ver=1 seqid=18755
368	CUST_3714_PI428 753551	11.33437	13.274078	3.836274621	lncRNA	ri 1110051M19 R000 018K10 1294	ri 1110051M19 R000018K10 1294 contigs=28 ver=1 seqid=18755
369	CUST_3739_PI428 753551	8.010014	9.856453	3.596114607	lncRNA	ri 1110056G13 R000 018L17 851	ri 1110056G13 R000018L17 851 contigs=2 ver=2 seqid=95478
370	CUST_3740_PI428 753551	10.58734	12.451753	3.641192464	lncRNA	ri 1110056G13 R000 018L17 851	ri 1110056G13 R000018L17 851 contigs=2 ver=2 seqid=95478
371	CUST_3741_PI428 753551	11.19109	13.118263	3.803095059	lncRNA	ri 1110056G13 R000 018L17 851	ri 1110056G13 R000018L17 851 contigs=2 ver=2 seqid=95478
372	CUST_3772_PI428 753551	8.801909	12.299839	11.29749098	lncRNA	ri 1110059G02 R000 018F16 803	ri 1110059G02 R000018F16 803 contigs=2 ver=2 seqid=95433

373	CUST_3776_PI428 753551	12.1888	13.880407	3.230174267	lncRNA	ri 1110059013 ZA00 008011 917	ri 1110059013 ZA00008011 917 contigs=51 ver=1 seqid=54759
374	CUST_3783_PI428 753551	10.41779	12.783891	5.155448712	lncRNA	ri 1110061F19 ZA00 011E09 909	ri 1110061F19 ZA00011E09 909 contigs=42 ver=1 seqid=54767
375	CUST_38134_PI42 8753551	7.983644	10.385896	5.286278744	lncRNA	ri A530026J16 PX00 140D09 2277	ri A530026J16 PX00140D09 2277 contigs=48 ver=1 seqid=36765
376	CUST_38165_PI42 8753551	7.474917	11.624413	17.74690573	lncRNA	ri A530027L06 PX00 140K06 1080	ri A530027L06 PX00140K06 1080 contigs=30 ver=1 seqid=44552
377	CUST_38204_PI42 8753551	9.59836	13.859636	19.17661264	lncRNA	ri A530030A08 PX00 140F18 338	ri A530030A08 PX00140F18 338 contigs=14 ver=1 seqid=63310
378	CUST_38205_PI42 8753551	11.00991	15.299	19.5498753	lncRNA	ri A530030A08 PX00 140F18 338	ri A530030A08 PX00140F18 338 contigs=14 ver=1 seqid=63310
379	CUST_38206_PI42 8753551	10.49641	14.802622	19.78337963	lncRNA	ri A530030A08 PX00 140F18 338	ri A530030A08 PX00140F18 338 contigs=14 ver=1 seqid=63310
380	CUST_38239_PI42 8753551	8.522263	12.350439	14.20351403	lncRNA	ri A530031G08 PX00 140H06 2095	ri A530031G08 PX00140H06 2095 contigs=30 ver=1 seqid=36793
381	CUST_3828_PI428 753551	10.43956	8.480417	0.257180471	lncRNA	ri 1110065N12 R000 019K15 1379	ri 1110065N12 R000019K15 1379 contigs=2 ver=1 seqid=2170
382	CUST_38406_PI42 8753551	8.270617	10.041397	3.41238399	lncRNA	ri A530047J11 PX00 141G02 793	ri A530047J11 PX00141G02 793 contigs=2 ver=1 seqid=49124
383	CUST_38407_PI42 8753551	8.773783	10.797308	4.065759842	lncRNA	ri A530047J11 PX00 141G02 793	ri A530047J11 PX00141G02 793 contigs=2 ver=1 seqid=49124
384	CUST_38439_PI42 8753551	7.800438	10.478287	6.399009463	lncRNA	ri A530049N04 PX00 141C10 414	ri A530049N04 PX00141C10 414 contigs=3 ver=1 seqid=55048
385	CUST_38441_PI42 8753551	8.214445	10.97443	6.773892069	lncRNA	ri A530049N04 PX00 141C10 414	ri A530049N04 PX00141C10 414 contigs=3 ver=1 seqid=55048
386	CUST_38524_PI42 8753551	9.14218	13.908358	27.21213978	lncRNA	ri A530056D08 PX00 141D02 1432	ri A530056D08 PX00141D02 1432 contigs=57 ver=1 seqid=55049
387	CUST_38526_PI42 8753551	8.960184	13.85821	29.81623108	lncRNA	ri A530056D08 PX00 141D02 1432	ri A530056D08 PX00141D02 1432 contigs=57 ver=1 seqid=55049
388	CUST_38568_PI42 8753551	10.12183	7.680482	0.184111545	lncRNA	ri A530059D09 PX00 142B19 1988	ri A530059D09 PX00142B19 1988 contigs=85 ver=1 seqid=43244
389	CUST_3863_PI428 753551	11.27866	13.012471	3.326043414	lncRNA	ri 1110070J07 R000 019K10 531	ri 1110070J07 R000019K10 531 contigs=2 ver=1 seqid=9462

390	CUST_3864_PI428 753551	11.16277	13.037296	3.666821404	lncRNA	ri 1110070J07 R000 019K10 531	ri 1110070J07 R000019K10 531 contigs=2 ver=1 seqid=9462
391	CUST_3868_PI428 753551	8.117547	9.792199	3.192423391	lncRNA	ri 1190001A21 ZA00 011E21 567	ri 1190001A21 ZA00011E21 567 contigs=41 ver=1 seqid=54770
392	CUST_3870_PI428 753551	11.60146	13.410874	3.505011068	lncRNA	ri 1190001A21 ZA00 011E21 567	ri 1190001A21 ZA00011E21 567 contigs=41 ver=1 seqid=54770
393	CUST_38751_PI42 8753551	7.604941	9.621001	4.044775416	lncRNA	ri A530076D18 PX00 141H24 3226	ri A530076D18 PX00141H24 3226 contigs=87 ver=1 seqid=52383
394	CUST_3877_PI428 753551	14.054	11.96752	0.235454141	lncRNA	ri 1190001N04 R000 019K18 206	ri 1190001N04 R000019K18 206 contigs=2 ver=1 seqid=2171
395	CUST_3878_PI428 753551	15.03118	13.163889	0.274087796	lncRNA	ri 1190001N04 R000 019K18 206	ri 1190001N04 R000019K18 206 contigs=2 ver=1 seqid=2171
396	CUST_3879_PI428 753551	14.0513	11.97644	0.237359056	lncRNA	ri 1190001N04 R000 019K18 206	ri 1190001N04 R000019K18 206 contigs=2 ver=1 seqid=2171
397	CUST_3885_PI428 753551	8.203177	10.084682	3.684592315	lncRNA	ri 1190002C14 R000 019B13 901	ri 1190002C14 R000019B13 901 contigs=2 ver=2 seqid=96202
398	CUST_38890_PI42 8753551	7.448749	10.411554	7.79638535	lncRNA	ri A530084G16 PX00 142J04 462	ri A530084G16 PX00142J04 462 contigs=2 ver=1 seqid=49132
399	CUST_38981_PI42 8753551	8.661014	11.782649	8.70373722	lncRNA	ri A530088N01 PX00 142N22 1322	ri A530088N01 PX00142N22 1322 contigs=33 ver=1 seqid=62205
400	CUST_38983_PI42 8753551	9.80109	13.235379	10.80995791	lncRNA	ri A530088N01 PX00 142N22 1322	ri A530088N01 PX00142N22 1322 contigs=33 ver=1 seqid=62205
401	CUST_39037_PI42 8753551	11.51629	13.360798	3.591294589	lncRNA	ri A530092M21 PX00 686F24 320	ri A530092M21 PX00686F24 320 contigs=3 ver=1 seqid=86455
402	CUST_39038_PI42 8753551	8.417974	10.629831	4.632712007	lncRNA	ri A530092M21 PX00 686F24 320	ri A530092M21 PX00686F24 320 contigs=3 ver=1 seqid=86455
403	CUST_39039_PI42 8753551	10.45446	12.594526	4.407834328	lncRNA	ri A530092M21 PX00 686F24 320	ri A530092M21 PX00686F24 320 contigs=3 ver=1 seqid=86455
404	CUST_39082_PI42 8753551	9.851857	13.875447	16.26377211	lncRNA	ri A530094K10 PX00 143J21 2065	ri A530094K10 PX00143J21 2065 contigs=67 ver=1 seqid=51821
405	CUST_39083_PI42 8753551	9.230969	13.623213	20.99893128	lncRNA	ri A530094K10 PX00 143J21 2065	ri A530094K10 PX00143J21 2065 contigs=67 ver=1 seqid=51821
406	CUST_39084_PI42 8753551	8.119702	12.567407	21.82190279	lncRNA	ri A530094K10 PX00 143J21 2065	ri A530094K10 PX00143J21 2065 contigs=67 ver=1 seqid=51821

407	CUST_39194_PI42 8753551	7.927982	11.81663	14.81152209	lncRNA	ri A630001K17 PX00 144G13 1582	ri A630001K17 PX00144G13 1582 contigs=76 ver=1 seqid=50198
408	CUST_39392_PI42 8753551	8.183903	11.241098	8.323527095	lncRNA	ri A630012F14 PX00 144M10 1014	ri A630012F14 PX00144M10 1014 contigs=56 ver=1 seqid=45626
409	CUST_39393_PI42 8753551	8.63967	11.531645	7.422859182	lncRNA	ri A630012F14 PX00 144M10 1014	ri A630012F14 PX00144M10 1014 contigs=56 ver=1 seqid=45626
410	CUST_39394_PI42 8753551	9.24298	11.845113	6.07183674	lncRNA	ri A630012F14 PX00 144M10 1014	ri A630012F14 PX00144M10 1014 contigs=56 ver=1 seqid=45626
411	CUST_39517_PI42 8753551	13.59997	10.261322	0.09884796	lncRNA	ri A630020F16 PX00 144N24 2134	ri A630020F16 PX00144N24 2134 contigs=34 ver=1 seqid=47978
412	CUST_3953_PI428 753551	11.44213	9.839382	0.32924878	lncRNA	ri 1190033C04 ZA00 008024 527	ri 1190033C04 ZA00008024 527 contigs=2 ver=1 seqid=50712
413	CUST_3963_PI428 753551	10.35285	11.976294	3.08109251	lncRNA	ri 1200003N03 R000 008K11 2878	ri 1200003N03 R000008K11 2878 contigs=267 ver=1 seqid=14624
414	CUST_3964_PI428 753551	12.50885	14.696157	4.554535732	lncRNA	ri 1200003N03 R000 008K11 2878	ri 1200003N03 R000008K11 2878 contigs=267 ver=1 seqid=14624
415	CUST_3970_PI428 753551	10.22992	12.288201	4.164900414	lncRNA	ri 1200006I17 R000 008H15 3226	ri 1200006I17 R000008H15 3226 contigs=204 ver=3 seqid=42161
416	CUST_3986_PI428 753551	7.644912	9.703119	4.164683903	lncRNA	ri 1300003018 R000 010J24 2503	ri 1300003018 R000010J24 2503 contigs=220 ver=1 seqid=9190
417	CUST_3992_PI428 753551	9.404734	12.07527	6.366656815	lncRNA	ri 1300007J06 R000 011I09 2806	ri 1300007J06 R000011I09 2806 contigs=11 ver=4 seqid=18610
418	CUST_39943_PI42 8753551	12.08694	10.43268	0.317701322	lncRNA	ri A630040003 PX00 146G19 1535	ri A630040003 PX00146G19 1535 contigs=65 ver=1 seqid=37061
419	CUST_40131_PI42 8753551	7.659024	9.605561	3.854482025	lncRNA	ri A630050E18 PX00 146K03 1652	ri A630050E18 PX00146K03 1652 contigs=81 ver=1 seqid=48022
420	CUST_40132_PI42 8753551	7.52409	10.890898	10.31597302	lncRNA	ri A630050E18 PX00 146K03 1652	ri A630050E18 PX00146K03 1652 contigs=81 ver=1 seqid=48022
421	CUST_40219_PI42 8753551	9.897285	11.602812	3.261480494	lncRNA	ri A630053L14 PX00 147A03 1324	ri A630053L14 PX00147A03 1324 contigs=18 ver=1 seqid=36147
422	CUST_40494_PI42 8753551	7.483676	9.429615	3.852884665	lncRNA	ri A630071J07 PX00 147J08 2436	ri A630071J07 PX00147J08 2436 contigs=54 ver=1 seqid=52475
423	CUST_40585_PI42 8753551	8.078627	12.917051	28.60953214	lncRNA	ri A630076K24 PX00 147L16 1801	ri A630076K24 PX00147L16 1801 contigs=21 ver=1 seqid=50242

424	CUST_40650_PI42 8753551	11.01942	8.680407	0.19764495	lncRNA	ri A630081A16 PX00 147K10 1996	ri A630081A16 PX00147K10 1996 contigs=86 ver=1 seqid=37624
425	CUST_40705_PI42 8753551	8.079189	13.564549	44.79792486	lncRNA	ri A630084H02 PX00 147G22 2812	ri A630084H02 PX00147G22 2812 contigs=54 ver=1 seqid=37168
426	CUST_40733_PI42 8753551	7.067599	11.38595	19.95047236	lncRNA	ri A630086I18 PX00 148C09 1894	ri A630086I18 PX00148C09 1894 contigs=73 ver=1 seqid=50261
427	CUST_40809_PI42 8753551	10.59552	8.435742	0.223791477	lncRNA	ri A630090D02 PX00 148B07 1713	ri A630090D02 PX00148B07 1713 contigs=22 ver=1 seqid=50257
428	CUST_4142_PI428 753551	10.47201	8.760099	0.305255459	lncRNA	ri 1600009C20 ZX00 042I18 709	ri 1600009C20 ZX00042I18 709 contigs=2 ver=1 seqid=4092
429	CUST_4143_PI428 753551	12.014	10.212041	0.286784906	lncRNA	ri 1600009C20 ZX00 042I18 709	ri 1600009C20 ZX00042I18 709 contigs=2 ver=1 seqid=4092
430	CUST_4144_PI428 753551	12.63432	11.04286	0.331835928	lncRNA	ri 1600009C20 ZX00 042I18 709	ri 1600009C20 ZX00042I18 709 contigs=2 ver=1 seqid=4092
431	CUST_41685_PI42 8753551	9.911344	7.755888	0.224462135	lncRNA	ri A730032G13 PX00 150P01 1259	ri A730032G13 PX00150P01 1259 contigs=77 ver=1 seqid=52607
432	CUST_41886_PI42 8753551	7.466918	9.067012	3.031631706	lncRNA	ri A730045A14 PX00 150F02 3317	ri A730045A14 PX00150F02 3317 contigs=78 ver=1 seqid=39511
433	CUST_41923_PI42 8753551	10.00624	8.30425	0.307360995	lncRNA	ri A730046J11 PX00 150P14 704	ri A730046J11 PX00150P14 704 contigs=19 ver=1 seqid=39073
434	CUST_42072_PI42 8753551	9.353647	7.316718	0.2436819	lncRNA	ri A730054H03 PX00 150J08 339	ri A730054H03 PX00150J08 339 contigs=22 ver=1 seqid=39035
435	CUST_4236_PI428 753551	9.220343	7.548315	0.313811907	lncRNA	ri 1700003A01 ZX00 036I01 219	ri 1700003A01 ZX00036I01 219 contigs=3 ver=1 seqid=3173
436	CUST_4252_PI428 753551	7.322123	11.428681	17.22650351	lncRNA	ri 1700003I16 ZX00 081G13 1061	ri 1700003I16 ZX00081G13 1061 contigs=2 ver=1 seqid=19718
437	CUST_4253_PI428 753551	10.48422	12.196149	3.275976482	lncRNA	ri 1700003I16 ZX00 081G13 1061	ri 1700003I16 ZX00081G13 1061 contigs=2 ver=1 seqid=19718
438	CUST_42640_PI42 8753551	8.87957	7.216483	0.315762773	lncRNA	ri A730086J19 PX00 153011 1760	ri A730086J19 PX00153011 1760 contigs=93 ver=1 seqid=38047
439	CUST_42760_PI42 8753551	10.3542	11.984118	3.09494549	lncRNA	ri A730091D05 PX00 153C18 3560	ri A730091D05 PX00153C18 3560 contigs=72 ver=1 seqid=39148
440	CUST_43631_PI42 8753551	9.697875	12.34245	6.253114784	lncRNA	ri A830048K20 PX00 155K19 427	ri A830048K20 PX00155K19 427 contigs=2 ver=1 seqid=61351

441	CUST_43632_PI42 8753551	9.979116	12.651841	6.37632427	lncRNA	ri A830048K20 PX00 155K19 427	ri A830048K20 PX00155K19 427 contigs=2 ver=1 seqid=61351
442	CUST_43633_PI42 8753551	10.13308	12.816599	6.424232026	lncRNA	ri A830048K20 PX00 155K19 427	ri A830048K20 PX00155K19 427 contigs=2 ver=1 seqid=61351
443	CUST_43705_PI42 8753551	10.90897	8.514698	0.190217911	lncRNA	ri A830060C21 PX00 155P06 1768	ri A830060C21 PX00155P06 1768 contigs=64 ver=1 seqid=37472
444	CUST_4371_PI428 753551	7.503024	10.51936	8.091100824	lncRNA	ri 1700010B09 ZX00 036L11 889	ri 1700010B09 ZX00036L11 889 contigs=2 ver=1 seqid=3197
445	CUST_43964_PI42 8753551	10.17256	8.520119	0.31810049	lncRNA	ri A830095F23 PX00 156B07 702	ri A830095F23 PX00156B07 702 contigs=10 ver=1 seqid=40902
446	CUST_43965_PI42 8753551	11.01072	9.2392645	0.292913278	lncRNA	ri A830095F23 PX00 156B07 702	ri A830095F23 PX00156B07 702 contigs=10 ver=1 seqid=40902
447	CUST_43966_PI42 8753551	13.10664	11.480384	0.323928206	lncRNA	ri A830095F23 PX00 156B07 702	ri A830095F23 PX00156B07 702 contigs=10 ver=1 seqid=40902
448	CUST_4456_PI428 753551	8.345768	10.055248	3.27042924	lncRNA	ri 1700012J22 ZX00 036N20 833	ri 1700012J22 ZX00036N20 833 contigs=2 ver=1 seqid=17191
449	CUST_44690_PI42 8753551	7.225159	8.982515	3.38078038	lncRNA	ri A930038C07 PX00 067J11 1109	ri A930038C07 PX00067J11 1109 contigs=2 ver=1 seqid=22922
450	CUST_44892_PI42 8753551	10.61299	8.799404	0.284483326	lncRNA	ri B020010K11 PX00 325E24 3581	ri B020010K11 PX000325E24 3581 contigs=113 ver=1 seqid=76834
451	CUST_44948_PI42 8753551	10.04675	7.8102646	0.212202359	lncRNA	ri B020015G01 PX00 325P05 2704	ri B020015G01 PX000325P05 2704 contigs=30 ver=1 seqid=76544
452	CUST_45250_PI42 8753551	10.61336	7.4655967	0.112830789	lncRNA	ri B130014J09 PX00 157A17 1200	ri B130014J09 PX00157A17 1200 contigs=48 ver=1 seqid=40931
453	CUST_45251_PI42 8753551	10.17532	7.328047	0.138958308	lncRNA	ri B130014J09 PX00 157A17 1200	ri B130014J09 PX00157A17 1200 contigs=48 ver=1 seqid=40931
454	CUST_45349_PI42 8753551	10.78857	8.976023	0.284687884	lncRNA	ri B130019P18 PX00 158K19 2591	ri B130019P18 PX00158K19 2591 contigs=64 ver=1 seqid=38677
455	CUST_45482_PI42 8753551	7.612499	9.203678	3.012955155	lncRNA	ri B130041K03 PX00 157H07 2709	ri B130041K03 PX00157H07 2709 contigs=49 ver=1 seqid=41034
456	CUST_45543_PI42 8753551	9.18483	7.4632382	0.303213985	lncRNA	ri B130046N22 PX00 158J14 2184	ri B130046N22 PX00158J14 2184 contigs=57 ver=1 seqid=38675
457	CUST_45604_PI42 8753551	10.22176	8.491859	0.301472226	lncRNA	ri B130052F01 PX00 158P06 1252	ri B130052F01 PX00158P06 1252 contigs=67 ver=1 seqid=38138

458	CUST_45815_PI42 8753551	12.22504	9.894149	0.198761605	lncRNA	ri B230104P22 PX00 068D01 705	ri B230104P22 PX00068D01 705 contigs=2 ver=1 seqid=22932
459	CUST_45817_PI42 8753551	12.07281	9.537782	0.172536679	lncRNA	ri B230104P22 PX00 068D01 705	ri B230104P22 PX00068D01 705 contigs=2 ver=1 seqid=22932
460	CUST_4585_PI428 753551	8.799461	10.608979	3.505251596	lncRNA	ri 1700017L05 ZX00 037A10 559	ri 1700017L05 ZX00037A10 559 contigs=2 ver=1 seqid=3241
461	CUST_4605_PI428 753551	9.264866	7.2681527	0.250570191	lncRNA	ri 1700019A06 ZX00 037I08 318	ri 1700019A06 ZX00037I08 318 contigs=2 ver=1 seqid=3307
462	CUST_46826_PI42 8753551	9.552753	7.1122723	0.18422226	lncRNA	ri B230326E20 PX00 695E03 2247	ri B230326E20 PX00695E03 2247 contigs=22 ver=1 seqid=80202
463	CUST_46853_PI42 8753551	12.80759	8.101311	0.038306128	lncRNA	ri B230329P09 PX00 159J24 1778	ri B230329P09 PX00159J24 1778 contigs=89 ver=1 seqid=38198
464	CUST_46945_PI42 8753551	11.36599	14.11803	6.736695077	lncRNA	ri B230339E18 PX00 160B23 3731	ri B230339E18 PX00160B23 3731 contigs=117 ver=1 seqid=41197
465	CUST_47098_PI42 8753551	7.983818	9.6631	3.20268609	lncRNA	ri B230346P16 PX00 161C05 698	ri B230346P16 PX00161C05 698 contigs=68 ver=1 seqid=41441
466	CUST_47103_PI42 8753551	8.486315	10.146833	3.161300109	lncRNA	ri B230347B12 PX00 161C18 571	ri B230347B12 PX00161C18 571 contigs=18 ver=1 seqid=41450
467	CUST_47104_PI42 8753551	7.813265	9.525402	3.276457913	lncRNA	ri B230347B12 PX00 161C18 571	ri B230347B12 PX00161C18 571 contigs=18 ver=1 seqid=41450
468	CUST_47113_PI42 8753551	9.177158	7.214657	0.256583268	lncRNA	ri B230348A01 PX00 695B01 1837	ri B230348A01 PX00695B01 1837 contigs=77 ver=1 seqid=80177
469	CUST_47155_PI42 8753551	8.859333	10.758191	3.729178876	lncRNA	ri B230352010 PX00 160F12 2659	ri B230352010 PX00160F12 2659 contigs=63 ver=1 seqid=41252
470	CUST_47339_PI42 8753551	10.74566	8.656077	0.234948099	lncRNA	ri B230373I04 PX00 161N18 535	ri B230373I04 PX00161N18 535 contigs=32 ver=1 seqid=41599
471	CUST_4752_PI428 753551	8.640451	10.815662	4.516519695	lncRNA	ri 1700024F20 ZX00 037F20 559	ri 1700024F20 ZX00037F20 559 contigs=2 ver=1 seqid=9603
472	CUST_47548_PI42 8753551	7.010174	10.6001215	12.04153327	lncRNA	ri B430001L01 PX00 070H07 2094	ri B430001L01 PX00070H07 2094 contigs=4 ver=1 seqid=29421
473	CUST_47550_PI42 8753551	9.320013	13.149294	14.21439706	lncRNA	ri B430001L01 PX00 070H07 2094	ri B430001L01 PX00070H07 2094 contigs=4 ver=1 seqid=29421
474	CUST_47602_PI42 8753551	10.85256	15.317129	22.07849611	lncRNA	ri B430109A22 PX00 070H24 2602	ri B430109A22 PX00070H24 2602 contigs=155 ver=1 seqid=50371

475	CUST_47607_PI42 8753551	7.192601	13.66459	88.76930519	lncRNA	ri B430111F17 PX00 071A03 3956	ri B430111F17 PX00071A03 3956 contigs=84 ver=1 seqid=54780
476	CUST_47695_PI42 8753551	7.728018	9.501329	3.418375779	lncRNA	ri B430212F23 PX00 071H11 3393	ri B430212F23 PX00071H11 3393 contigs=118 ver=1 seqid=54808
477	CUST_47697_PI42 8753551	7.134708	8.842726	3.267115821	lncRNA	ri B430212F23 PX00 071H11 3393	ri B430212F23 PX00071H11 3393 contigs=118 ver=1 seqid=54808
478	CUST_47785_PI42 8753551	8.450776	11.043253	6.031333456	lncRNA	ri B430311M19 PX00 689P05 3192	ri B430311M19 PX00689P05 3192 contigs=80 ver=1 seqid=86641
479	CUST_47797_PI42 8753551	7.155211	10.067592	7.528596818	lncRNA	ri B430312B09 PX00 072F03 2436	ri B430312B09 PX00072F03 2436 contigs=62 ver=1 seqid=31510
480	CUST_47846_PI42 8753551	11.21328	7.893472	0.100147062	lncRNA	ri B530004H16 PX00 162I21 1630	ri B530004H16 PX00162I21 1630 contigs=59 ver=1 seqid=41717
481	CUST_48859_PI42 8753551	7.28065	9.742845	5.510544961	lncRNA	ri B930047K20 PX00 164F07 3025	ri B930047K20 PX00164F07 3025 contigs=41 ver=1 seqid=43557
482	CUST_4931_PI428 753551	8.943863	10.993254	4.139312013	lncRNA	ri 1700031D16 ZX00 155023 1898	ri 1700031D16 ZX00155023 1898 contigs=47 ver=1 seqid=82407
483	CUST_4932_PI428 753551	10.07641	12.047899	3.921718546	lncRNA	ri 1700031D16 ZX00 155023 1898	ri 1700031D16 ZX00155023 1898 contigs=47 ver=1 seqid=82407
484	CUST_49468_PI42 8753551	8.952862	10.814116	3.633233279	lncRNA	ri B930086C19 PX00 166A04 1927	ri B930086C19 PX00166A04 1927 contigs=21 ver=1 seqid=50505
485	CUST_49469_PI42 8753551	9.371883	11.491499	4.345782586	lncRNA	ri B930086C19 PX00 166A04 1927	ri B930086C19 PX00166A04 1927 contigs=21 ver=1 seqid=50505
486	CUST_49470_PI42 8753551	10.23629	12.460174	4.67149719	lncRNA	ri B930086C19 PX00 166A04 1927	ri B930086C19 PX00166A04 1927 contigs=21 ver=1 seqid=50505
487	CUST_49977_PI42 8753551	9.005215	7.030618	0.254440988	lncRNA	ri C030013C21 PX00 074F11 387	ri C030013C21 PX00074F11 387 contigs=2 ver=1 seqid=21982
488	CUST_50082_PI42 8753551	8.874408	7.168196	0.306463678	lncRNA	ri C030018P15 PX00 074L17 1594	ri C030018P15 PX00074L17 1594 contigs=4 ver=2 seqid=57816
489	CUST_50250_PI42 8753551	7.174664	12.918959	53.60499372	lncRNA	ri C030036K04 PX00 075G24 1001	ri C030036K04 PX00075G24 1001 contigs=2 ver=1 seqid=22392
490	CUST_50379_PI42 8753551	9.438777	11.333397	3.718240272	lncRNA	ri C030047E05 PX00 075E11 1783	ri C030047E05 PX00075E11 1783 contigs=4 ver=1 seqid=29568
491	CUST_50380_PI42 8753551	9.759295	11.9796095	4.659951695	lncRNA	ri C030047E05 PX00 075E11 1783	ri C030047E05 PX00075E11 1783 contigs=4 ver=1 seqid=29568

492	CUST_50381_PI42 8753551	10.07053	12.256715	4.551013923	lncRNA	ri C030047E05 PX00 075E11 1783	ri C030047E05 PX00075E11 1783 contigs=4 ver=1 seqid=29568
493	CUST_50558_PI42 8753551	9.658264	7.824338	0.280500257	lncRNA	ri C130011C04 PX00 167P06 1603	ri C130011C04 PX00167P06 1603 contigs=92 ver=1 seqid=55847
494	CUST_50559_PI42 8753551	9.818272	8.177493	0.320683271	lncRNA	ri C130011C04 PX00 167P06 1603	ri C130011C04 PX00167P06 1603 contigs=92 ver=1 seqid=55847
495	CUST_50569_PI42 8753551	7.492266	10.271811	6.866357625	lncRNA	ri C130011H23 PX00 167B24 3701	ri C130011H23 PX00167B24 3701 contigs=112 ver=1 seqid=56797
496	CUST_50680_PI42 8753551	7.0368	9.086088	4.139015353	lncRNA	ri C130015P19 PX00 696J07 5516	ri C130015P19 PX00696J07 5516 contigs=83 ver=1 seqid=102170
497	CUST_50681_PI42 8753551	8.609341	10.810968	4.599978123	lncRNA	ri C130015P19 PX00 696J07 5516	ri C130015P19 PX00696J07 5516 contigs=83 ver=1 seqid=102170
498	CUST_50778_PI42 8753551	10.76357	9.026928	0.300067713	lncRNA	ri C130018M10 PX00 167G18 1364	ri C130018M10 PX00167G18 1364 contigs=51 ver=1 seqid=55776
499	CUST_50779_PI42 8753551	9.360505	7.72009	0.320764191	lncRNA	ri C130018M10 PX00 167G18 1364	ri C130018M10 PX00167G18 1364 contigs=51 ver=1 seqid=55776
500	CUST_50902_PI42 8753551	8.915291	13.229772	19.89702734	lncRNA	ri C130021J12 PX00 168019 1755	ri C130021J12 PX00168019 1755 contigs=41 ver=1 seqid=42021
501	CUST_50903_PI42 8753551	8.178787	12.315052	17.58489725	lncRNA	ri C130021J12 PX00 168019 1755	ri C130021J12 PX00168019 1755 contigs=41 ver=1 seqid=42021
502	CUST_51041_PI42 8753551	11.16083	9.300804	0.275472269	lncRNA	ri C130026I10 PX00 168D05 2122	ri C130026I10 PX00168D05 2122 contigs=62 ver=1 seqid=52692
503	CUST_51113_PI42 8753551	7.124552	8.746721	3.078374599	lncRNA	ri C130030F07 PX00 168G03 4320	ri C130030F07 PX00168G03 4320 contigs=29 ver=1 seqid=71192
504	CUST_51396_PI42 8753551	10.77568	12.408778	3.101789967	lncRNA	ri C130039P07 PX00 169A01 4464	ri C130039P07 PX00169A01 4464 contigs=28 ver=1 seqid=63397
505	CUST_51400_PI42 8753551	11.78787	8.767926	0.123284044	lncRNA	ri C130039P17 PX00 666E20 2534	ri C130039P17 PX00666E20 2534 contigs=29 ver=1 seqid=67833
506	CUST_51504_PI42 8753551	12.75667	14.718021	3.894267535	lncRNA	ri C130042E24 PX00 169B01 343	ri C130042E24 PX00169B01 343 contigs=63 ver=1 seqid=42046
507	CUST_51505_PI42 8753551	13.11397	15.167087	4.150016292	lncRNA	ri C130042E24 PX00 169B01 343	ri C130042E24 PX00169B01 343 contigs=63 ver=1 seqid=42046
508	CUST_52013_PI42 8753551	10.14718	12.273313	4.365454909	lncRNA	ri C130060I05 PX00 170J08 2595	ri C130060I05 PX00170J08 2595 contigs=35 ver=1 seqid=52759

509	CUST_52015_PI42 8753551	8.676934	11.0113125	5.043336543	lncRNA	ri C130060I05 PX00 170J08 2595	ri C130060I05 PX00170J08 2595 contigs=35 ver=1 seqid=52759
510	CUST_5384_PI428 753551	9.438176	14.167292	26.52196936	lncRNA	ri 1700074D10 ZX00 076I14 367	ri 1700074D10 ZX00076I14 367 contigs=6 ver=1 seqid=23969
511	CUST_53920_PI42 8753551	10.2796	12.565495	4.876678958	lncRNA	ri C230052A17 PX00 175D15 2146	ri C230052A17 PX00175D15 2146 contigs=14 ver=1 seqid=71371
512	CUST_5492_PI428 753551	7.219579	9.0166445	3.475127234	lncRNA	ri 1700087I21 ZX00 076J22 795	ri 1700087I21 ZX00076J22 795 contigs=4 ver=3 seqid=19543
513	CUST_54947_PI42 8753551	7.981795	11.610794	12.37193282	lncRNA	ri C330015L24 PX00 076M18 2622	ri C330015L24 PX00076M18 2622 contigs=126 ver=1 seqid=31573
514	CUST_55043_PI42 8753551	10.03353	8.232256	0.286920509	lncRNA	ri C330037D20 PX00 667F19 3138	ri C330037D20 PX00667F19 3138 contigs=99 ver=1 seqid=65198
515	CUST_55168_PI42 8753551	12.32647	9.4161	0.133012386	lncRNA	ri C430014D18 PX00 078N10 1171	ri C430014D18 PX00078N10 1171 contigs=4 ver=1 seqid=40178
516	CUST_55169_PI42 8753551	14.55755	11.260482	0.101738385	lncRNA	ri C430014D18 PX00 078N10 1171	ri C430014D18 PX00078N10 1171 contigs=4 ver=1 seqid=40178
517	CUST_55178_PI42 8753551	9.921973	7.196392	0.151188363	lncRNA	ri C430014L17 PX00 078D16 3239	ri C430014L17 PX00078D16 3239 contigs=150 ver=2 seqid=40156
518	CUST_55686_PI42 8753551	8.621853	10.434641	3.513205579	lncRNA	ri C530033E13 PX00 669020 795	ri C530033E13 PX00669020 795 contigs=10 ver=1 seqid=68056
519	CUST_55687_PI42 8753551	8.601452	10.897577	4.911368255	lncRNA	ri C530033E13 PX00 669020 795	ri C530033E13 PX00669020 795 contigs=10 ver=1 seqid=68056
520	CUST_55837_PI42 8753551	10.05181	7.961729	0.234867338	lncRNA	ri C530047C13 PX00 083A08 1521	ri C530047C13 PX00083A08 1521 contigs=38 ver=1 seqid=44054
521	CUST_55838_PI42 8753551	9.201536	7.003612	0.217951041	lncRNA	ri C530047C13 PX00 083A08 1521	ri C530047C13 PX00083A08 1521 contigs=38 ver=1 seqid=44054
522	CUST_55839_PI42 8753551	10.92157	9.01519	0.266761061	lncRNA	ri C530047C13 PX00 083A08 1521	ri C530047C13 PX00083A08 1521 contigs=38 ver=1 seqid=44054
523	CUST_55851_PI42 8753551	9.408097	7.353016	0.2406351	lncRNA	ri C530049L23 PX00 669L22 1277	ri C530049L23 PX00669L22 1277 contigs=6 ver=1 seqid=68518
524	CUST_55902_PI42 8753551	11.089	8.636052	0.18263675	lncRNA	ri C630002N23 PX00 669P08 2757	ri C630002N23 PX00669P08 2757 contigs=111 ver=1 seqid=66391
525	CUST_56000_PI42 8753551	7.555889	9.461104	3.745647928	lncRNA	ri C630013B02 PX00 083L20 2671	ri C630013B02 PX00083L20 2671 contigs=28 ver=2 seqid=63191

526	CUST_56415_PI42 8753551	10.05464	11.715984	3.163114982	lncRNA	ri C730016P09 PX00 086H05 3724	ri C730016P09 PX00086H05 3724 contigs=59 ver=1 seqid=38286
527	CUST_56549_PI42 8753551	9.310631	7.6482043	0.315907326	lncRNA	ri C730031I06 PX00 087E06 2359	ri C730031I06 PX00087E06 2359 contigs=39 ver=1 seqid=42644
528	CUST_56687_PI42 8753551	8.572057	14.936609	82.39883301	lncRNA	ri C730049014 PX00 087L24 1634	ri C730049014 PX00087L24 1634 contigs=42 ver=1 seqid=38464
529	CUST_56689_PI42 8753551	9.162244	15.040377	58.81584644	lncRNA	ri C730049014 PX00 087L24 1634	ri C730049014 PX00087L24 1634 contigs=42 ver=1 seqid=38464
530	CUST_56793_PI42 8753551	7.144906	8.745226	3.032105601	lncRNA	ri C920001P18 PX00 178K23 705	ri C920001P18 PX00178K23 705 contigs=33 ver=1 seqid=49243
531	CUST_57086_PI42 8753551	8.22439	11.840418	12.26119765	lncRNA	ri D030016G05 PX00 178P02 2481	ri D030016G05 PX00178P02 2481 contigs=139 ver=1 seqid=71431
532	CUST_5743_PI428 753551	9.615505	7.817457	0.287563406	lncRNA	ri 1700110N18 ZX00 077H06 1846	ri 1700110N18 ZX00077H06 1846 contigs=4 ver=1 seqid=13542
533	CUST_5744_PI428 753551	11.28496	9.50243	0.290672401	lncRNA	ri 1700110N18 ZX00 077H06 1846	ri 1700110N18 ZX00077H06 1846 contigs=4 ver=1 seqid=13542
534	CUST_5745_PI428 753551	13.81872	11.753742	0.238990636	lncRNA	ri 1700110N18 ZX00 077H06 1846	ri 1700110N18 ZX00077H06 1846 contigs=4 ver=1 seqid=13542
535	CUST_57818_PI42 8753551	9.38508	7.3996468	0.252537021	lncRNA	ri D030062L19 PX00 699021 4298	ri D030062L19 PX00699021 4298 contigs=96 ver=1 seqid=80965
536	CUST_57912_PI42 8753551	11.22021	9.495033	0.302461202	lncRNA	ri D030068L24 PX00 181I07 1495	ri D030068L24 PX00181I07 1495 contigs=28 ver=1 seqid=49369
537	CUST_57944_PI42 8753551	11.292	9.357643	0.261637457	lncRNA	ri D030070P12 PX00 181P06 552	ri D030070P12 PX00181P06 552 contigs=44 ver=1 seqid=56565
538	CUST_57945_PI42 8753551	11.28193	9.3539095	0.262789311	lncRNA	ri D030070P12 PX00 181P06 552	ri D030070P12 PX00181P06 552 contigs=44 ver=1 seqid=56565
539	CUST_58520_PI42 8753551	7.034649	8.629837	3.021338023	lncRNA	ri D130035M17 PX00 184A09 421	ri D130035M17 PX00184A09 421 contigs=36 ver=1 seqid=48320
540	CUST_5866_PI428 753551	9.693334	7.5303965	0.223301137	lncRNA	ri 1700123D09 ZX00 155H13 1363	ri 1700123D09 ZX00155H13 1363 contigs=51 ver=1 seqid=82362
541	CUST_58813_PI42 8753551	9.517046	11.969589	5.473801051	lncRNA	ri D130053K17 PX00 184D19 1478	ri D130053K17 PX00184D19 1478 contigs=82 ver=1 seqid=49479
542	CUST_58814_PI42 8753551	10.56911	13.092531	5.749426278	lncRNA	ri D130053K17 PX00 184D19 1478	ri D130053K17 PX00184D19 1478 contigs=82 ver=1 seqid=49479

543	CUST_58815_PI42 8753551	10.91039	13.466977	5.883162966	lncRNA	ri D130053K17 PX00 184D19 1478	ri D130053K17 PX00184D19 1478 contigs=82 ver=1 seqid=49479
544	CUST_58999_PI42 8753551	10.59354	12.849459	4.776374639	lncRNA	ri D130059L16 PX00 727B09 1977	ri D130059L16 PX00727B09 1977 contigs=14 ver=1 seqid=99823
545	CUST_59014_PI42 8753551	10.02326	7.380141	0.160082	lncRNA	ri D130060J10 PX00 185K14 2811	ri D130060J10 PX00185K14 2811 contigs=66 ver=1 seqid=53735
546	CUST_59091_PI42 8753551	10.42954	8.728088	0.307476275	lncRNA	ri D130062N20 PX00 185B11 2309	ri D130062N20 PX00185B11 2309 contigs=37 ver=1 seqid=49606
547	CUST_59336_PI42 8753551	9.290401	7.608139	0.311593707	lncRNA	ri D130074C10 PX00 186I22 3290	ri D130074C10 PX00186I22 3290 contigs=23 ver=1 seqid=58570
548	CUST_59596_PI42 8753551	8.217413	10.462332	4.740104943	lncRNA	ri D130092I09 PX00 186L12 3981	ri D130092I09 PX00186L12 3981 contigs=43 ver=1 seqid=51122
549	CUST_59620_PI42 8753551	10.87337	8.383708	0.17804823	lncRNA	ri D130095L01 PX00 187I20 1971	ri D130095L01 PX00187I20 1971 contigs=56 ver=1 seqid=58622
550	CUST_6021_PI428 753551	9.964878	8.305355	0.31654379	lncRNA	ri 1810018L08 R000 022D14 948	ri 1810018L08 R000022D14 948 contigs=2 ver=1 seqid=2484
551	CUST_6022_PI428 753551	10.37775	8.712189	0.315221753	lncRNA	ri 1810018L08 R000 022D14 948	ri 1810018L08 R000022D14 948 contigs=2 ver=1 seqid=2484
552	CUST_6024_PI428 753551	9.742554	7.4269066	0.200872587	lncRNA	ri 1810018P12 R000 022D22 887	ri 1810018P12 R000022D22 887 contigs=2 ver=1 seqid=14797
553	CUST_6025_PI428 753551	10.09299	7.5603204	0.17281824	lncRNA	ri 1810018P12 R000 022D22 887	ri 1810018P12 R000022D22 887 contigs=2 ver=1 seqid=14797
554	CUST_6026_PI428 753551	13.05736	10.676295	0.191967768	lncRNA	ri 1810018P12 R000 022D22 887	ri 1810018P12 R000022D22 887 contigs=2 ver=1 seqid=14797
555	CUST_60592_PI42 8753551	10.49142	8.081859	0.188213367	lncRNA	ri D230037M07 PX00 189D04 1168	ri D230037M07 PX00189D04 1168 contigs=43 ver=1 seqid=44760
556	CUST_61177_PI42 8753551	9.038948	11.733866	6.475169686	lncRNA	ri D330011I06 PX00 191023 2518	ri D330011I06 PX00191023 2518 contigs=70 ver=1 seqid=58674
557	CUST_61598_PI42 8753551	8.54727	10.6876	4.408628772	lncRNA	ri D330036A01 PX00 192023 1470	ri D330036A01 PX00192023 1470 contigs=54 ver=1 seqid=57280
558	CUST_61599_PI42 8753551	10.33732	12.402857	4.185903347	lncRNA	ri D330036A01 PX00 192023 1470	ri D330036A01 PX00192023 1470 contigs=54 ver=1 seqid=57280
559	CUST_61600_PI42 8753551	12.35979	14.42935	4.197600887	lncRNA	ri D330036A01 PX00 192023 1470	ri D330036A01 PX00192023 1470 contigs=54 ver=1 seqid=57280

560	CUST_61635_PI42 8753551	10.11582	8.131592	0.252748073	lncRNA	ri D330038H21 PX00 192018 1527	ri D330038H21 PX00192018 1527 contigs=67 ver=1 seqid=57279
561	CUST_61708_PI42 8753551	8.969484	7.2714853	0.308213359	lncRNA	ri D330041F11 PX00 699J01 2582	ri D330041F11 PX00699J01 2582 contigs=76 ver=1 seqid=109073
562	CUST_61709_PI42 8753551	13.35304	11.672222	0.31190509	lncRNA	ri D330041F11 PX00 699J01 2582	ri D330041F11 PX00699J01 2582 contigs=76 ver=1 seqid=109073
563	CUST_61710_PI42 8753551	11.42075	9.673452	0.29785839	lncRNA	ri D330041F11 PX00 699J01 2582	ri D330041F11 PX00699J01 2582 contigs=76 ver=1 seqid=109073
564	CUST_61950_PI42 8753551	7.05037	8.871035	3.532440597	lncRNA	ri D430011D22 PX00 194A03 4037	ri D430011D22 PX00194A03 4037 contigs=68 ver=1 seqid=63436
565	CUST_62073_PI42 8753551	7.588167	9.6543045	4.187640223	lncRNA	ri D430023F02 PX00 193H24 3032	ri D430023F02 PX00193H24 3032 contigs=39 ver=1 seqid=58702
566	CUST_6214_PI428 753551	12.13966	15.073343	7.640568571	lncRNA	ri 1810074C23 ZX00 081002 389	ri 1810074C23 ZX00081002 389 contigs=2 ver=1 seqid=19787
567	CUST_6215_PI428 753551	12.57892	15.793246	9.281268523	lncRNA	ri 1810074C23 ZX00 081002 389	ri 1810074C23 ZX00081002 389 contigs=2 ver=1 seqid=19787
568	CUST_6216_PI428 753551	13.90592	17.10125	9.159900963	lncRNA	ri 1810074C23 ZX00 081002 389	ri 1810074C23 ZX00081002 389 contigs=2 ver=1 seqid=19787
569	CUST_62199_PI42 8753551	9.239265	7.3512607	0.270180639	lncRNA	ri D430032P18 PX00 688M08 547	ri D430032P18 PX00688M08 547 contigs=10 ver=1 seqid=86544
570	CUST_62200_PI42 8753551	11.04297	9.428584	0.326603691	lncRNA	ri D430032P18 PX00 688M08 547	ri D430032P18 PX00688M08 547 contigs=10 ver=1 seqid=86544
571	CUST_62423_PI42 8753551	8.036646	11.284577	9.500022959	lncRNA	ri D430044C15 PX00 093B10 1854	ri D430044C15 PX00093B10 1854 contigs=12 ver=1 seqid=20722
572	CUST_62424_PI42 8753551	12.01713	15.025637	8.047312178	lncRNA	ri D430044C15 PX00 093B10 1854	ri D430044C15 PX00093B10 1854 contigs=12 ver=1 seqid=20722
573	CUST_62451_PI42 8753551	7.911322	9.911551	4.000636082	lncRNA	ri D430045M08 PX00 673A05 3312	ri D430045M08 PX00673A05 3312 contigs=94 ver=1 seqid=66394
574	CUST_62519_PI42 8753551	17.57303	15.976866	0.330756405	lncRNA	ri D530001G04 PX00 721A02 409	ri D530001G04 PX00721A02 409 contigs=8 ver=1 seqid=96788
575	CUST_6252_PI428 753551	10.27034	7.090803	0.110373444	lncRNA	ri 2010003D24 ZX00 081018 462	ri 2010003D24 ZX00081018 462 contigs=2 ver=1 seqid=19792
576	CUST_6254_PI428 753551	10.8763	7.5750227	0.101441698	lncRNA	ri 2010003D24 ZX00 081018 462	ri 2010003D24 ZX00081018 462 contigs=2 ver=1 seqid=19792

577	CUST_62615_PI42 8753551	7.107118	8.856194	3.361432781	lncRNA	ri D530020L18 PX00 089A20 944	ri D530020L18 PX00089A20 944 contigs=3 ver=1 seqid=24446
578	CUST_62641_PI42 8753551	11.33035	9.291006	0.243274667	lncRNA	ri D530026G20 PX00 089L11 459	ri D530026G20 PX00089L11 459 contigs=2 ver=1 seqid=24200
579	CUST_62784_PI42 8753551	11.78879	8.771824	0.123538275	lncRNA	ri D630003C04 PX00 195B05 3318	ri D630003C04 PX00195B05 3318 contigs=61 ver=1 seqid=45961
580	CUST_6288_PI428 753551	9.389341	12.45035	8.34556081	lncRNA	ri 2010007J22 ZX00 043J24 419	ri 2010007J22 ZX00043J24 419 contigs=2 ver=1 seqid=4263
581	CUST_6289_PI428 753551	9.509424	11.141134	3.098800763	lncRNA	ri 2010007J22 ZX00 043J24 419	ri 2010007J22 ZX00043J24 419 contigs=2 ver=1 seqid=4263
582	CUST_6290_PI428 753551	8.236803	10.920725	6.42600454	lncRNA	ri 2010007J22 ZX00 043J24 419	ri 2010007J22 ZX00043J24 419 contigs=2 ver=1 seqid=4263
583	CUST_62926_PI42 8753551	8.883489	12.004216	8.698261006	lncRNA	ri D630014A15 PX00 196H01 3513	ri D630014A15 PX00196H01 3513 contigs=48 ver=1 seqid=58839
584	CUST_62928_PI42 8753551	7.733012	11.039846	9.895923173	lncRNA	ri D630014A15 PX00 196H01 3513	ri D630014A15 PX00196H01 3513 contigs=48 ver=1 seqid=58839
585	CUST_6301_PI428 753551	10.30025	12.116777	3.522334691	lncRNA	ri 2010009K05 ZX00 057L23 1701	ri 2010009K05 ZX00057L23 1701 contigs=2 ver=1 seqid=5887
586	CUST_63125_PI42 8753551	10.47833	8.263779	0.215452986	lncRNA	ri D630027P12 PX00 673020 665	ri D630027P12 PX00673020 665 contigs=21 ver=1 seqid=72787
587	CUST_63178_PI42 8753551	9.357623	7.7710953	0.332971892	lncRNA	ri D630032J01 PX00 197H23 314	ri D630032J01 PX00197H23 314 contigs=5 ver=1 seqid=62656
588	CUST_63404_PI42 8753551	7.172652	8.8113575	3.113862629	lncRNA	ri D630044N08 PX00 198G14 875	ri D630044N08 PX00198G14 875 contigs=42 ver=1 seqid=58899
589	CUST_63448_PI42 8753551	8.669558	7.053369	0.326196001	lncRNA	ri D630046J15 PX00 197L08 2327	ri D630046J15 PX00197L08 2327 contigs=41 ver=1 seqid=62669
590	CUST_6356_PI428 753551	11.70825	10.081134	0.323733821	lncRNA	ri 2010016H04 ZX00 044G01 219	ri 2010016H04 ZX00044G01 219 contigs=3 ver=1 seqid=4344
591	CUST_63642_PI42 8753551	8.569686	10.59607	4.073824979	lncRNA	ri D730019D15 PX00 090J11 4300	ri D730019D15 PX00090J11 4300 contigs=180 ver=1 seqid=51415
592	CUST_63657_PI42 8753551	10.37684	13.379772	8.016261101	lncRNA	ri D730024B11 PX00 090G07 1009	ri D730024B11 PX00090G07 1009 contigs=75 ver=1 seqid=51410
593	CUST_63762_PI42 8753551	9.909286	11.563059	3.14655465	lncRNA	ri D730042M23 PX00 091C19 318	ri D730042M23 PX00091C19 318 contigs=8 ver=1 seqid=24224

594	CUST_63766_PI42 8753551	10.07201	12.034209	3.896546411	lncRNA	ri D730043H12 PX00 091M23 4682	ri D730043H12 PX00091M23 4682 contigs=50 ver=1 seqid=50826
595	CUST_63767_PI42 8753551	8.811947	10.84798	4.10116276	lncRNA	ri D730043H12 PX00 091M23 4682	ri D730043H12 PX00091M23 4682 contigs=50 ver=1 seqid=50826
596	CUST_63768_PI42 8753551	12.31791	14.13622	3.526688125	lncRNA	ri D730043H12 PX00 091M23 4682	ri D730043H12 PX00091M23 4682 contigs=50 ver=1 seqid=50826
597	CUST_63815_PI42 8753551	9.907937	7.56999	0.197791591	lncRNA	ri D730049K18 PX00 091A14 1728	ri D730049K18 PX00091A14 1728 contigs=4 ver=1 seqid=29640
598	CUST_64063_PI42 8753551	7.823764	9.782167	3.886315427	lncRNA	ri D830019G24 PX00 199K11 2374	ri D830019G24 PX00199K11 2374 contigs=30 ver=1 seqid=73601
599	CUST_64065_PI42 8753551	7.900774	10.456429	5.879345254	lncRNA	ri D830019G24 PX00 199K11 2374	ri D830019G24 PX00199K11 2374 contigs=30 ver=1 seqid=73601
600	CUST_64590_PI42 8753551	7.500167	10.058287	5.889397295	lncRNA	ri D930006A21 PX00 201G07 1087	ri D930006A21 PX00201G07 1087 contigs=70 ver=1 seqid=61830
601	CUST_6462_PI428 753551	8.641408	7.05641	0.333325131	lncRNA	ri 2010306G03 ZX00 047K02 835	ri 2010306G03 ZX00047K02 835 contigs=3 ver=1 seqid=4786
602	CUST_6463_PI428 753551	9.824319	7.4941797	0.198864919	lncRNA	ri 2010306G03 ZX00 047K02 835	ri 2010306G03 ZX00047K02 835 contigs=3 ver=1 seqid=4786
603	CUST_65182_PI42 8753551	7.83272	11.146138	9.941186152	lncRNA	ri D930023H05 PX00 202F09 2162	ri D930023H05 PX00202F09 2162 contigs=62 ver=1 seqid=62326
604	CUST_65219_PI42 8753551	8.949743	11.5597725	6.105161672	lncRNA	ri D930024D07 PX00 202I21 1556	ri D930024D07 PX00202I21 1556 contigs=54 ver=1 seqid=62340
605	CUST_65220_PI42 8753551	9.130986	12.530272	10.55084031	lncRNA	ri D930024D07 PX00 202I21 1556	ri D930024D07 PX00202I21 1556 contigs=54 ver=1 seqid=62340
606	CUST_65221_PI42 8753551	11.32213	14.747624	10.74424349	lncRNA	ri D930024D07 PX00 202I21 1556	ri D930024D07 PX00202I21 1556 contigs=54 ver=1 seqid=62340
607	CUST_65486_PI42 8753551	7.347179	9.503936	4.459113742	lncRNA	ri D930031C22 PX00 202I14 1232	ri D930031C22 PX00202I14 1232 contigs=52 ver=1 seqid=59171
608	CUST_65505_PI42 8753551	8.400565	10.482079	4.232511535	lncRNA	ri D930031H08 PX00 202D03 1472	ri D930031H08 PX00202D03 1472 contigs=73 ver=1 seqid=46202
609	CUST_65561_PI42 8753551	9.35006	7.2966433	0.240912941	lncRNA	ri D930033G19 PX00 202I07 1383	ri D930033G19 PX00202I07 1383 contigs=45 ver=1 seqid=62337
610	CUST_65617_PI42 8753551	9.630758	7.839533	0.288926613	lncRNA	ri D930035P11 PX00 203N01 2398	ri D930035P11 PX00203N01 2398 contigs=78 ver=1 seqid=62806

611	CUST_65677_PI42 8753551	7.145563	10.336558	9.132406006	lncRNA	ri D930037F10 PX00 203C08 1787	ri D930037F10 PX00203C08 1787 contigs=29 ver=1 seqid=62360
612	CUST_65685_PI42 8753551	7.792661	9.82225	4.08288604	lncRNA	ri D930037H24 PX00 203G05 2524	ri D930037H24 PX00203G05 2524 contigs=39 ver=1 seqid=62474
613	CUST_66008_PI42 8753551	10.26218	12.309815	4.134282577	lncRNA	ri D930047B14 PX00 204I12 2225	ri D930047B14 PX00204I12 2225 contigs=33 ver=1 seqid=61908
614	CUST_66167_PI42 8753551	7.475103	9.737865	4.799092432	lncRNA	ri E030002H06 PX00 204A05 1749	ri E030002H06 PX00204A05 1749 contigs=64 ver=1 seqid=60083
615	CUST_6621_PI428 753551	8.942379	7.1039057	0.279617527	lncRNA	ri 2210404G23 ZX00 051B22 623	ri 2210404G23 ZX00051B22 623 contigs=2 ver=1 seqid=10830
616	CUST_66214_PI42 8753551	11.58785	9.36008	0.213487869	lncRNA	ri E030003J16 PX00 204A20 1764	ri E030003J16 PX00204A20 1764 contigs=42 ver=1 seqid=60084
617	CUST_66248_PI42 8753551	8.637823	10.608237	3.918805581	lncRNA	ri E030004L07 PX00 204K21 375	ri E030004L07 PX00204K21 375 contigs=10 ver=1 seqid=62867
618	CUST_66354_PI42 8753551	10.10658	7.0794396	0.122670274	lncRNA	ri E030009P22 PX00 205A23 1794	ri E030009P22 PX00205A23 1794 contigs=44 ver=1 seqid=62894
619	CUST_6636_PI428 753551	12.23129	9.306505	0.131689662	lncRNA	ri 2210406K15 ZX00 081J23 2325	ri 2210406K15 ZX00081J23 2325 contigs=71 ver=1 seqid=27000
620	CUST_6637_PI428 753551	10.38298	7.6157255	0.146883882	lncRNA	ri 2210406K15 ZX00 081J23 2325	ri 2210406K15 ZX00081J23 2325 contigs=71 ver=1 seqid=27000
621	CUST_66816_PI42 8753551	10.38748	12.688459	4.927923978	lncRNA	ri E030029E24 PX00 205B16 1419	ri E030029E24 PX00205B16 1419 contigs=43 ver=1 seqid=101830
622	CUST_66824_PI42 8753551	12.79707	9.134012	0.078942225	lncRNA	ri E030029G06 PX00 206M05 2972	ri E030029G06 PX00206M05 2972 contigs=38 ver=1 seqid=59711
623	CUST_66973_PI42 8753551	8.758471	7.0056396	0.296718873	lncRNA	ri E030033M16 PX00 206G12 1159	ri E030033M16 PX00206G12 1159 contigs=34 ver=1 seqid=63609
624	CUST_6704_PI428 753551	10.32487	12.43469	4.316371382	lncRNA	ri 2210415K03 ZX00 054D03 1018	ri 2210415K03 ZX00054D03 1018 contigs=2 ver=1 seqid=11051
625	CUST_6705_PI428 753551	12.00308	14.1019125	4.283634833	lncRNA	ri 2210415K03 ZX00 054D03 1018	ri 2210415K03 ZX00054D03 1018 contigs=2 ver=1 seqid=11051
626	CUST_6706_PI428 753551	13.7474	16.069439	5.000391315	lncRNA	ri 2210415K03 ZX00 054D03 1018	ri 2210415K03 ZX00054D03 1018 contigs=2 ver=1 seqid=11051
627	CUST_6725_PI428 753551	8.076412	9.713246	3.109826299	lncRNA	ri 2210418K18 ZX00 054J14 466	ri 2210418K18 ZX00054J14 466 contigs=2 ver=1 seqid=11079

628	CUST_6726_PI428 753551	9.267299	10.977347	3.271717086	lncRNA	ri 2210418K18 ZX00 054J14 466	ri 2210418K18 ZX00054J14 466 contigs=2 ver=1 seqid=11079
629	CUST_6727_PI428 753551	10.21582	11.988527	3.416949675	lncRNA	ri 2210418K18 ZX00 054J14 466	ri 2210418K18 ZX00054J14 466 contigs=2 ver=1 seqid=11079
630	CUST_67894_PI42 8753551	12.2324	13.836073	3.039152355	lncRNA	ri E130107G13 PX00 091020 2834	ri E130107G13 PX00091020 2834 contigs=70 ver=1 seqid=62104
631	CUST_6797_PI428 753551	8.490994	10.116009	3.084454789	lncRNA	ri 2310004G06 ZX00 038J01 505	ri 2310004G06 ZX00038J01 505 contigs=3 ver=1 seqid=3500
632	CUST_6798_PI428 753551	9.545132	11.347611	3.488190906	lncRNA	ri 2310004G06 ZX00 038J01 505	ri 2310004G06 ZX00038J01 505 contigs=3 ver=1 seqid=3500
633	CUST_68262_PI42 8753551	10.97846	8.353817	0.162145512	lncRNA	ri E130306D18 PX00 675I14 3059	ri E130306D18 PX00675I14 3059 contigs=110 ver=1 seqid=65475
634	CUST_68264_PI42 8753551	14.76647	12.274704	0.177788757	lncRNA	ri E130306D18 PX00 675I14 3059	ri E130306D18 PX00675I14 3059 contigs=110 ver=1 seqid=65475
635	CUST_68422_PI42 8753551	8.046701	11.069272	8.126144393	lncRNA	ri E230002B20 PX00 208N23 3505	ri E230002B20 PX00208N23 3505 contigs=39 ver=1 seqid=51193
636	CUST_68723_PI42 8753551	13.14423	11.369525	0.292255079	lncRNA	ri E230021G05 PX00 209P08 651	ri E230021G05 PX00209P08 651 contigs=28 ver=1 seqid=48647
637	CUST_68724_PI42 8753551	11.65597	9.810198	0.278206108	lncRNA	ri E230021G05 PX00 209P08 651	ri E230021G05 PX00209P08 651 contigs=28 ver=1 seqid=48647
638	CUST_68739_PI42 8753551	9.766309	7.299745	0.180921529	lncRNA	ri E230022M22 PX00 210A09 1132	ri E230022M22 PX00210A09 1132 contigs=51 ver=1 seqid=47192
639	CUST_68758_PI42 8753551	8.104885	11.032035	7.606063587	lncRNA	ri E230023K11 PX00 209F03 2589	ri E230023K11 PX00209F03 2589 contigs=39 ver=1 seqid=46364
640	CUST_68791_PI42 8753551	12.41639	10.154211	0.208457329	lncRNA	ri E230024G05 PX00 209P19 3157	ri E230024G05 PX00209P19 3157 contigs=77 ver=1 seqid=46410
641	CUST_68818_PI42 8753551	9.7746	8.071186	0.307058618	lncRNA	ri E230025C14 PX00 210C01 2906	ri E230025C14 PX00210C01 2906 contigs=61 ver=1 seqid=57576
642	CUST_6882_PI428 753551	8.906368	10.933459	4.075821867	lncRNA	ri 2310014D11 ZX00 039009 1298	ri 2310014D11 ZX00039009 1298 contigs=2 ver=1 seqid=3732
643	CUST_6883_PI428 753551	10.06446	11.995556	3.813445284	lncRNA	ri 2310014D11 ZX00 039009 1298	ri 2310014D11 ZX00039009 1298 contigs=2 ver=1 seqid=3732
644	CUST_6884_PI428 753551	13.54044	15.434874	3.717757062	lncRNA	ri 2310014D11 ZX00 039009 1298	ri 2310014D11 ZX00039009 1298 contigs=2 ver=1 seqid=3732

645	CUST_6887_PI428 753551	8.262901	10.095216	3.561080379	lncRNA	ri 2310014F06 ZX00 039M21 1564	ri 2310014F06 ZX00039M21 1564 contigs=2 ver=1 seqid=3715
646	CUST_68881_PI42 8753551	9.805611	7.144297	0.158075534	lncRNA	ri E230029D09 PX00 745E04 1622	ri E230029D09 PX00745E04 1622 contigs=102 ver=1 seqid=99050
647	CUST_6896_PI428 753551	9.864394	7.377987	0.178450148	lncRNA	ri 2310015N21 ZX00 039C14 1071	ri 2310015N21 ZX00039C14 1071 contigs=3 ver=1 seqid=18990
648	CUST_6897_PI428 753551	12.26713	10.001878	0.208013923	lncRNA	ri 2310015N21 ZX00 039C14 1071	ri 2310015N21 ZX00039C14 1071 contigs=3 ver=1 seqid=18990
649	CUST_6898_PI428 753551	14.31155	12.045968	0.207965338	lncRNA	ri 2310015N21 ZX00 039C14 1071	ri 2310015N21 ZX00039C14 1071 contigs=3 ver=1 seqid=18990
650	CUST_69099_PI42 8753551	8.5548	10.841792	4.880374978	lncRNA	ri E330009D23 PX00 211J22 1848	ri E330009D23 PX00211J22 1848 contigs=47 ver=1 seqid=49728
651	CUST_69140_PI42 8753551	10.88414	8.631293	0.20981024	lncRNA	ri E330011A14 PX00 211P07 1453	ri E330011A14 PX00211P07 1453 contigs=37 ver=1 seqid=60315
652	CUST_69446_PI42 8753551	10.68805	8.076753	0.163651757	lncRNA	ri E330026N11 PX00 212K04 3111	ri E330026N11 PX00212K04 3111 contigs=46 ver=1 seqid=48785
653	CUST_69475_PI42 8753551	7.313007	9.957543	6.252944014	lncRNA	ri E330027N24 PX00 212F06 1989	ri E330027N24 PX00212F06 1989 contigs=52 ver=2 seqid=65310
654	CUST_69476_PI42 8753551	7.229658	9.7561455	5.761673465	lncRNA	ri E330027N24 PX00 212F06 1989	ri E330027N24 PX00212F06 1989 contigs=52 ver=2 seqid=65310
655	CUST_69507_PI42 8753551	8.304935	10.107312	3.487944296	lncRNA	ri E330029I21 PX00 675J04 2840	ri E330029I21 PX00675J04 2840 contigs=56 ver=1 seqid=65477
656	CUST_69554_PI42 8753551	10.32936	8.166392	0.223295952	lncRNA	ri E330032006 PX00 212D10 3977	ri E330032006 PX00212D10 3977 contigs=59 ver=1 seqid=73788
657	CUST_69607_PI42 8753551	10.32167	7.9173107	0.188892942	lncRNA	ri E330036C08 PX00 312D16 815	ri E330036C08 PX00312D16 815 contigs=65 ver=1 seqid=47372
658	CUST_69661_PI42 8753551	8.232161	9.914013	3.208395513	lncRNA	ri E330039D10 PX00 312J14 3148	ri E330039D10 PX00312J14 3148 contigs=31 ver=2 seqid=63680
659	CUST_69869_PI42 8753551	7.939634	10.001496	4.175247442	lncRNA	ri E430013010 PX00 098M08 4218	ri E430013010 PX00098M08 4218 contigs=121 ver=1 seqid=33082
660	CUST_69890_PI42 8753551	7.043748	9.407712	5.147828532	lncRNA	ri E430016C20 PX00 098005 3107	ri E430016C20 PX00098005 3107 contigs=115 ver=1 seqid=31864
661	CUST_69891_PI42 8753551	11.66796	14.070165	5.286104699	lncRNA	ri E430016C20 PX00 098005 3107	ri E430016C20 PX00098005 3107 contigs=115 ver=1 seqid=31864

662	CUST_69961_PI42 8753551	8.811199	7.0311933	0.291182246	lncRNA	ri E430019M05 PX00 099H09 851	ri E430019M05 PX00099H09 851 contigs=2 ver=1 seqid=21611
663	CUST_70020_PI42 8753551	10.07997	12.868504	6.909282976	lncRNA	ri E430022C21 PX00 099C19 3006	ri E430022C21 PX00099C19 3006 contigs=156 ver=1 seqid=31882
664	CUST_70044_PI42 8753551	8.505284	10.294021	3.455122831	lncRNA	ri E430023L24 PX00 100D23 2974	ri E430023L24 PX00100D23 2974 contigs=87 ver=1 seqid=32480
665	CUST_70074_PI42 8753551	14.46909	12.440483	0.2450911	lncRNA	ri E430025005 PX00 100P07 617	ri E430025005 PX00100P07 617 contigs=2 ver=1 seqid=21726
666	CUST_70075_PI42 8753551	16.931	14.811707	0.230159676	lncRNA	ri E430025005 PX00 100P07 617	ri E430025005 PX00100P07 617 contigs=2 ver=1 seqid=21726
667	CUST_70076_PI42 8753551	17.08028	15.392225	0.310345902	lncRNA	ri E430025005 PX00 100P07 617	ri E430025005 PX00100P07 617 contigs=2 ver=1 seqid=21726
668	CUST_70222_PI42 8753551	13.50543	11.418846	0.235437168	lncRNA	ri E430038I16 PX00 101C07 827	ri E430038I16 PX00101C07 827 contigs=2 ver=1 seqid=22536
669	CUST_70223_PI42 8753551	12.94476	10.967989	0.254057683	lncRNA	ri E430038I16 PX00 101C07 827	ri E430038I16 PX00101C07 827 contigs=2 ver=1 seqid=22536
670	CUST_70386_PI42 8753551	12.22426	9.559181	0.15766398	lncRNA	ri F430001G13 PS00 004P07 3909	ri F430001G13 PS00004P07 3909 contigs=44 ver=1 seqid=88748
671	CUST_7065_PI428 753551	7.976435	12.332911	20.48472045	lncRNA	ri 2310043009 ZX00 059B19 798	ri 2310043009 ZX00059B19 798 contigs=2 ver=1 seqid=5931
672	CUST_7066_PI428 753551	9.981312	13.841457	14.52176594	lncRNA	ri 2310043009 ZX00 059B19 798	ri 2310043009 ZX00059B19 798 contigs=2 ver=1 seqid=5931
673	CUST_7067_PI428 753551	10.79414	15.007428	18.54922492	lncRNA	ri 2310043009 ZX00 059B19 798	ri 2310043009 ZX00059B19 798 contigs=2 ver=1 seqid=5931
674	CUST_70737_PI42 8753551	12.14493	10.48452	0.316349232	lncRNA	ri F630002H04 PL00 001C15 2013	ri F630002H04 PL00001C15 2013 contigs=77 ver=1 seqid=72929
675	CUST_70778_PI42 8753551	8.31046	10.189743	3.678921774	lncRNA	ri F630012J01 PL00 014J06 2676	ri F630012J01 PL00014J06 2676 contigs=17 ver=1 seqid=105450
676	CUST_70802_PI42 8753551	7.056154	9.285443	4.689028345	lncRNA	ri F630016E07 PL00 014J14 2644	ri F630016E07 PL00014J14 2644 contigs=23 ver=1 seqid=106790
677	CUST_70816_PI42 8753551	7.491758	9.203413	3.275363441	lncRNA	ri F630021B20 PL00 015C03 3576	ri F630021B20 PL00015C03 3576 contigs=40 ver=1 seqid=73247
678	CUST_70817_PI42 8753551	10.65856	12.296196	3.111559858	lncRNA	ri F630021B20 PL00 015C03 3576	ri F630021B20 PL00015C03 3576 contigs=40 ver=1 seqid=73247

679	CUST_70819_PI42 8753551	9.710643	8.104118	0.328388384	lncRNA	ri F630021E02 PL00 014N10 1788	ri F630021E02 PL00014N10 1788 contigs=37 ver=1 seqid=68617
680	CUST_70881_PI42 8753551	7.641455	9.571737	3.811297697	lncRNA	ri F630040B11 PL00 002K16 2067	ri F630040B11 PL00002K16 2067 contigs=81 ver=1 seqid=65581
681	CUST_70957_PI42 8753551	10.11145	8.524595	0.332895437	lncRNA	ri F630102I17 PL00 015I16 1902	ri F630102I17 PL00015I16 1902 contigs=45 ver=1 seqid=68331
682	CUST_70961_PI42 8753551	9.47298	11.10866	3.107339769	lncRNA	ri F630103D01 PL00 015I20 1631	ri F630103D01 PL00015I20 1631 contigs=68 ver=1 seqid=68332
683	CUST_71269_PI42 8753551	7.924445	10.019688	4.27298129	lncRNA	ri F630229E15 PM00 026F04 3348	ri F630229E15 PM00026F04 3348 contigs=82 ver=1 seqid=91633
684	CUST_71270_PI42 8753551	11.44298	13.706722	4.802364805	lncRNA	ri F630229E15 PM00 026F04 3348	ri F630229E15 PM00026F04 3348 contigs=82 ver=1 seqid=91633
685	CUST_71359_PI42 8753551	8.818287	7.1837983	0.322084536	lncRNA	ri F730002H19 PL00 002H04 1834	ri F730002H19 PL00002H04 1834 contigs=84 ver=1 seqid=65558
686	CUST_71408_PI42 8753551	9.398273	7.638126	0.295218186	lncRNA	ri F730011N04 PL00 003G01 1210	ri F730011N04 PL00003G01 1210 contigs=39 ver=1 seqid=65676
687	CUST_71409_PI42 8753551	9.123516	7.2635846	0.275489378	lncRNA	ri F730011N04 PL00 003G01 1210	ri F730011N04 PL00003G01 1210 contigs=39 ver=1 seqid=65676
688	CUST_7193_PI428 753551	8.290722	10.408452	4.340105162	lncRNA	ri 2310065E01 ZX00 054N10 1057	ri 2310065E01 ZX00054N10 1057 contigs=2 ver=1 seqid=17568
689	CUST_7194_PI428 753551	11.79786	13.630432	3.561712334	lncRNA	ri 2310065E01 ZX00 054N10 1057	ri 2310065E01 ZX00054N10 1057 contigs=2 ver=1 seqid=17568
690	CUST_7227_PI428 753551	7.659351	9.253124	3.018376975	lncRNA	ri 2310068C19 ZX00 055G01 1234	ri 2310068C19 ZX00055G01 1234 contigs=2 ver=1 seqid=5640
691	CUST_72313_PI42 8753551	10.93289	8.967923	0.256145065	lncRNA	ri F830008D10 PL00 004J04 1467	ri F830008D10 PL00004J04 1467 contigs=34 ver=1 seqid=66704
692	CUST_7242_PI428 753551	9.362	7.37708	0.252626957	lncRNA	ri 2310069I04 ZX00 040B22 860	ri 2310069I04 ZX00040B22 860 contigs=2 ver=1 seqid=3760
693	CUST_72428_PI42 8753551	10.10681	7.362412	0.149229535	lncRNA	ri F830009M01 PL00 016F22 1039	ri F830009M01 PL00016F22 1039 contigs=25 ver=1 seqid=68365
694	CUST_72623_PI42 8753551	7.031806	12.521484	44.93222191	lncRNA	ri F830013L13 PL00 005M20 734	ri F830013L13 PL00005M20 734 contigs=2 ver=1 seqid=63044
695	CUST_72626_PI42 8753551	10.10768	7.1180096	0.125898029	lncRNA	ri F830013L14 PM00 023J07 1472	ri F830013L14 PM00023J07 1472 contigs=30 ver=1 seqid=90983

696	CUST_72627_PI42 8753551	10.85866	7.5534115	0.10116264	lncRNA	ri F830013L14 PM00 023J07 1472	ri F830013L14 PM00023J07 1472 contigs=30 ver=1 seqid=90983
697	CUST_7281_PI428 753551	10.45657	7.300789	0.112205554	lncRNA	ri 2310079D06 ZX00 040N18 1586	ri 2310079D06 ZX00040N18 1586 contigs=2 ver=1 seqid=3865
698	CUST_72812_PI42 8753551	7.873856	10.652979	6.864349453	lncRNA	ri F830018J15 PM00 023P07 4315	ri F830018J15 PM00023P07 4315 contigs=80 ver=1 seqid=91063
699	CUST_72862_PI42 8753551	7.038758	8.9948435	3.880076777	lncRNA	ri F830019M12 PM00 024D11 2012	ri F830019M12 PM00024D11 2012 contigs=41 ver=1 seqid=91125
700	CUST_73375_PI42 8753551	8.633169	11.108272	5.560069822	lncRNA	ri F830037N24 PL00 007C18 2867	ri F830037N24 PL00007C18 2867 contigs=61 ver=1 seqid=70983
701	CUST_73493_PI42 8753551	8.165344	9.782004	3.066642518	lncRNA	ri F830048H20 PL00 007L13 2402	ri F830048H20 PL00007L13 2402 contigs=44 ver=1 seqid=65987
702	CUST_7357_PI428 753551	9.775238	14.9043865	34.99673675	lncRNA	ri 2410038020 ZX00 079J10 355	ri 2410038020 ZX00079J10 355 contigs=5 ver=1 seqid=24329
703	CUST_73836_PI42 8753551	7.760604	9.503811	3.347784353	lncRNA	ri F830111P16 PL00 018A19 4656	ri F830111P16 PL00018A19 4656 contigs=69 ver=1 seqid=83448
704	CUST_7493_PI428 753551	8.611843	13.023443	21.28256306	lncRNA	ri 2600002F22 ZX00 044J15 601	ri 2600002F22 ZX00044J15 601 contigs=2 ver=1 seqid=4364
705	CUST_7494_PI428 753551	9.82972	14.189766	20.53546912	lncRNA	ri 2600002F22 ZX00 044J15 601	ri 2600002F22 ZX00044J15 601 contigs=2 ver=1 seqid=4364
706	CUST_7495_PI428 753551	10.10351	14.277914	18.05596973	lncRNA	ri 2600002F22 ZX00 044J15 601	ri 2600002F22 ZX00044J15 601 contigs=2 ver=1 seqid=4364
707	CUST_75081_PI42 8753551	8.638531	10.876907	4.718656001	lncRNA	ri F930108N11 PS00 013I04 2680	ri F930108N11 PS00013I04 2680 contigs=93 ver=1 seqid=104101
708	CUST_7509_PI428 753551	14.96229	12.90113	0.239622951	lncRNA	ri 2600010P09 ZX00 060H01 1477	ri 2600010P09 ZX00060H01 1477 contigs=2 ver=1 seqid=11426
709	CUST_75180_PI42 8753551	9.147408	7.1523824	0.250863486	lncRNA	ri G270126I07 FL00 003E23 1575	ri G270126I07 FL00003E23 1575 contigs=62 ver=1 seqid=77449
710	CUST_75189_PI42 8753551	9.881104	12.348114	5.528969066	lncRNA	ri G270140L11 FL00 006A01 1740	ri G270140L11 FL00006A01 1740 contigs=4 ver=1 seqid=59750
711	CUST_75827_PI42 8753551	9.760137	7.0363116	0.151372454	lncRNA	ri G630023F10 PL00 013I03 677	ri G630023F10 PL00013I03 677 contigs=35 ver=1 seqid=70642
712	CUST_76024_PI42 8753551	10.19729	7.4183264	0.145695922	lncRNA	ri G630068N19 PL00 014E03 2949	ri G630068N19 PL00014E03 2949 contigs=66 ver=1 seqid=74430

713	CUST_76026_PI42 8753551	11.48457	8.611285	0.136475511	lncRNA	ri G630068N19 PL00 014E03 2949	ri G630068N19 PL00014E03 2949 contigs=66 ver=1 seqid=74430
714	CUST_76223_PI42 8753551	7.742835	9.993945	4.760489741	lncRNA	ri G730021M14 PK00 002K01 2408	ri G730021M14 PK00002K01 2408 contigs=71 ver=1 seqid=76674
715	CUST_76226_PI42 8753551	8.863405	10.721456	3.625175903	lncRNA	ri G730023013 PK00 008A22 1360	ri G730023013 PK00008A22 1360 contigs=15 ver=1 seqid=87599
716	CUST_76232_PI42 8753551	10.42334	14.019434	12.09296409	lncRNA	ri G730026I11 PK00 002C09 3445	ri G730026I11 PK00002C09 3445 contigs=49 ver=1 seqid=70384
717	CUST_76507_PI42 8753551	7.256914	10.184201	7.606785902	lncRNA	ri G930013F23 PK00 004P10 1566	ri G930013F23 PK00004P10 1566 contigs=34 ver=1 seqid=77935
718	CUST_76508_PI42 8753551	9.4183	12.514507	8.551674849	lncRNA	ri G930013F23 PK00 004P10 1566	ri G930013F23 PK00004P10 1566 contigs=34 ver=1 seqid=77935
719	CUST_7651_PI428 753551	9.934998	12.694656	6.772356878	lncRNA	ri 2610024M03 ZX00 055F07 1660	ri 2610024M03 ZX00055F07 1660 contigs=2 ver=1 seqid=6633
720	CUST_76542_PI42 8753551	12.07027	9.956152	0.230986109	lncRNA	ri G930041P03 PK00 005E14 384	ri G930041P03 PK00005E14 384 contigs=14 ver=1 seqid=106384
721	CUST_76700_PI42 8753551	11.4918	9.631933	0.275500912	lncRNA	ri I1C0023K17 FU00 002C23 1756	ri I1C0023K17 FU00002C23 1756 contigs=53 ver=1 seqid=77727
722	CUST_76769_PI42 8753551	11.88043	8.675645	0.108458573	lncRNA	ri I420015C23 PL00 044K01 1398	ri I420015C23 PL00044K01 1398 contigs=22 ver=1 seqid=81436
723	CUST_76770_PI42 8753551	13.52387	9.858559	0.078818931	lncRNA	ri I420015C23 PL00 044K01 1398	ri I420015C23 PL00044K01 1398 contigs=22 ver=1 seqid=81436
724	CUST_76771_PI42 8753551	17.0758	14.505228	0.168337208	lncRNA	ri I420015C23 PL00 044K01 1398	ri I420015C23 PL00044K01 1398 contigs=22 ver=1 seqid=81436
725	CUST_76887_PI42 8753551	8.140358	10.277407	4.39861399	lncRNA	ri I830003K21 PL00 052D16 1841	ri I830003K21 PL00052D16 1841 contigs=57 ver=1 seqid=83008
726	CUST_76888_PI42 8753551	10.5062	12.71089	4.609770733	lncRNA	ri I830003K21 PL00 052D16 1841	ri I830003K21 PL00052D16 1841 contigs=57 ver=1 seqid=83008
727	CUST_7690_PI428 753551	7.169843	9.009005	3.578022104	lncRNA	ri 2610029K11 ZX00 034K21 935	ri 2610029K11 ZX00034K21 935 contigs=2 ver=1 seqid=2991
728	CUST_76926_PI42 8753551	10.77983	7.7718334	0.124309236	lncRNA	ri I830030J16 PL00 055L02 1301	ri I830030J16 PL00055L02 1301 contigs=83 ver=1 seqid=84236
729	CUST_76935_PI42 8753551	7.26166	8.902464	3.118396551	lncRNA	ri I830042H07 PL00 056J03 2549	ri I830042H07 PL00056J03 2549 contigs=62 ver=1 seqid=84509

730	CUST_76951_PI42 8753551	9.178888	13.279579	17.15659083	lncRNA	ri I830083B12 PL00 164N11 1386	ri I830083B12 PL00164N11 1386 contigs=86 ver=1 seqid=103600
731	CUST_76952_PI42 8753551	10.44033	14.631328	18.26490063	lncRNA	ri I830083B12 PL00 164N11 1386	ri I830083B12 PL00164N11 1386 contigs=86 ver=1 seqid=103600
732	CUST_76953_PI42 8753551	11.67141	15.913902	18.9285304	lncRNA	ri I830083B12 PL00 164N11 1386	ri I830083B12 PL00164N11 1386 contigs=86 ver=1 seqid=103600
733	CUST_76962_PI42 8753551	7.549684	9.684853	4.392885816	lncRNA	ri I830096F22 PL00 059G08 2334	ri I830096F22 PL00059G08 2334 contigs=38 ver=1 seqid=79899
734	CUST_77110_PI42 8753551	7.880189	9.985984	4.304347635	lncRNA	ri I920089M10 PL00 064L15 730	ri I920089M10 PL00064L15 730 contigs=19 ver=1 seqid=95546
735	CUST_77211_PI42 8753551	9.329666	7.613074	0.304266625	lncRNA	ri K230008F13 PL00 172G23 1290	ri K230008F13 PL00172G23 1290 contigs=89 ver=1 seqid=105254
736	CUST_7742_PI428 753551	7.572763	10.926903	10.22579072	lncRNA	ri 2610039N02 ZX00 045K12 1502	ri 2610039N02 ZX00045K12 1502 contigs=2 ver=1 seqid=4467
737	CUST_7743_PI428 753551	8.381184	12.155554	13.68354374	lncRNA	ri 2610039N02 ZX00 045K12 1502	ri 2610039N02 ZX00045K12 1502 contigs=2 ver=1 seqid=4467
738	CUST_7744_PI428 753551	11.65629	15.324221	12.71033368	lncRNA	ri 2610039N02 ZX00 045K12 1502	ri 2610039N02 ZX00045K12 1502 contigs=2 ver=1 seqid=4467
739	CUST_78034_PI42 8753551	8.519782	10.237663	3.289528928	lncRNA	gi 197209884 ref N R_024097.1	gi 197209884 ref NR_024097.1 Mus musculus predicted gene 14057 (Gm14057), non-coding RNA
740	CUST_78098_PI42 8753551	9.722181	7.145486	0.167624508	lncRNA	gi 295424089 ref N R_033596.1	gi 295424089 ref NR_033596.1 Mus musculus RIKEN cDNA 5730416F02 gene (5730416F02Rik), non-coding RNA
741	CUST_78099_PI42 8753551	11.59326	8.949065	0.159962318	lncRNA	gi 295424089 ref N R_033596.1	gi 295424089 ref NR_033596.1 Mus musculus RIKEN cDNA 5730416F02 gene (5730416F02Rik), non-coding RNA
742	CUST_78141_PI42 8753551	8.892565	7.091574	0.286977394	lncRNA	gi 240120108 ref N R_027806.1	gi 240120108 ref NR_027806.1 Mus musculus phosphoprotein enriched in astrocytes 15B (Pea15b), non-coding RNA
743	CUST_78167_PI42 8753551	8.743381	7.1514583	0.331729059	lncRNA	gi 242397479 ref N R_027966.1	gi 242397479 ref NR_027966.1 Mus musculus RIKEN cDNA 4930429B21 gene (4930429B21Rik), non-coding RNA
744	CUST_78169_PI42 8753551	9.739631	7.214802	0.173760372	lncRNA	gi 242397479 ref N R_027966.1	gi 242397479 ref NR_027966.1 Mus musculus RIKEN cDNA 4930429B21 gene (4930429B21Rik), non-coding RNA

745	CUST_78223_PI42 8753551	11.53334	9.793915	0.299489639	lncRNA	gi 146134438 ref NR_003523.1	gi 146134438 ref NR_003523.1 Mus musculus H2A histone family, member Y3 (H2afy3), non-coding RNA
746	CUST_78322_PI42 8753551	10.63252	12.224403	3.014431613	lncRNA	gi 257153382 ref NR_028401.1	gi 257153382 ref NR_028401.1 Mus musculus TATA box binding protein (Tbp)-associated factor, RNA polymerase I, D (Taf1d), transcript variant 1, non-coding RNA
747	CUST_78357_PI42 8753551	9.752625	7.7081795	0.242415693	lncRNA	gi 308199435 ref NR_036665.1	gi 308199435 ref NR_036665.1 Mus musculus schwannomin interacting protein 1 (Schipl), transcript variant 5, non-coding RNA
748	CUST_78358_PI42 8753551	12.4412	8.237136	0.054256244	lncRNA	gi 308199435 ref NR_036665.1	gi 308199435 ref NR_036665.1 Mus musculus schwannomin interacting protein 1 (Schipl), transcript variant 5, non-coding RNA
749	CUST_78364_PI42 8753551	10.4029	8.388163	0.247459614	lncRNA	gi 196259811 ref NR_024078.1	gi 196259811 ref NR_024078.1 Mus musculus BTB (POZ) domain containing 19 (Btbd19), non-coding RNA
750	CUST_78495_PI42 8753551	9.895476	8.242343	0.317948939	lncRNA	gi 229606102 ref NR_027641.1	gi 229606102 ref NR_027641.1 Mus musculus SEC16 homolog B (S. cerevisiae) (Sec16b), transcript variant 3, non-coding RNA
751	CUST_78555_PI42 8753551	7.824101	10.562421	6.672930602	lncRNA	gi 363807207 ref NR_045643.1	gi 363807207 ref NR_045643.1 Mus musculus RIKEN cDNA 5930403L14 gene (5930403L14Rik), non-coding RNA
752	CUST_78566_PI42 8753551	11.37421	13.1232	3.361222391	lncRNA	gi 225007573 ref NR_027357.1	gi 225007573 ref NR_027357.1 Mus musculus solute carrier family 25, member 44 (Slc25a44), transcript variant 4, non-coding RNA
753	CUST_78648_PI42 8753551	9.059742	10.816179	3.378626799	lncRNA	gi 242397447 ref NR_027965.1	gi 242397447 ref NR_027965.1 Mus musculus RIKEN cDNA 2310061J03 gene (2310061J03Rik), non-coding RNA
754	CUST_78667_PI42 8753551	7.783231	9.513832	3.318660388	lncRNA	gi 262263363 ref NR_030699.1	gi 262263363 ref NR_030699.1 Mus musculus RIKEN cDNA A630072M18 gene (A630072M18Rik), non-coding RNA
755	CUST_78814_PI42 8753551	9.225105	7.6039724	0.325080157	lncRNA	gi 358356405 ref NR_045570.1	gi 358356405 ref NR_045570.1 Mus musculus UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2 (B4galt2), transcript variant 3, non-coding RNA
756	CUST_78872_PI42 8753551	10.60058	8.679266	0.264013938	lncRNA	gi 281371430 ref NR_003964.2	gi 281371430 ref NR_003964.2 Mus musculus tubulin, beta 2a, pseudogene 2 (Tubb2a-ps2), non-coding RNA

757	CUST_78980_PI42 8753551	10.79578	8.661815	0.227831637	lncRNA	gi 262527220 ref NR_030719.1	gi 262527220 ref NR_030719.1 Mus musculus predicted gene 8979 (Gm8979), non-coding RNA
758	CUST_79130_PI42 8753551	7.165181	11.179901	16.16408569	lncRNA	gi 254750743 ref NR_028114.1	gi 254750743 ref NR_028114.1 Mus musculus peroxisomal biogenesis factor 16 (Pex16), transcript variant 2, non-coding RNA
759	CUST_79131_PI42 8753551	7.806989	11.8883095	16.92777909	lncRNA	gi 254750743 ref NR_028114.1	gi 254750743 ref NR_028114.1 Mus musculus peroxisomal biogenesis factor 16 (Pex16), transcript variant 2, non-coding RNA
760	CUST_79132_PI42 8753551	11.71476	15.268929	11.74654846	lncRNA	gi 254750743 ref NR_028114.1	gi 254750743 ref NR_028114.1 Mus musculus peroxisomal biogenesis factor 16 (Pex16), transcript variant 2, non-coding RNA
761	CUST_79191_PI42 8753551	7.763168	10.352195	6.01692636	lncRNA	gi 283483991 ref NR_033218.1	gi 283483991 ref NR_033218.1 Mus musculus ras responsive element binding protein 1 (Rreb1), transcript variant 1, non-coding RNA
762	CUST_79192_PI42 8753551	10.38345	12.966516	5.992122011	lncRNA	gi 283483991 ref NR_033218.1	gi 283483991 ref NR_033218.1 Mus musculus ras responsive element binding protein 1 (Rreb1), transcript variant 1, non-coding RNA
763	CUST_79199_PI42 8753551	14.59947	12.670109	0.262544704	lncRNA	gi 295390224 ref NR_033599.1	gi 295390224 ref NR_033599.1 Mus musculus predicted gene 6682 (Gm6682), non-coding RNA
764	CUST_79200_PI42 8753551	15.27353	13.5718355	0.307425875	lncRNA	gi 295390224 ref NR_033599.1	gi 295390224 ref NR_033599.1 Mus musculus predicted gene 6682 (Gm6682), non-coding RNA
765	CUST_79201_PI42 8753551	16.2968	14.625534	0.313978353	lncRNA	gi 295390224 ref NR_033599.1	gi 295390224 ref NR_033599.1 Mus musculus predicted gene 6682 (Gm6682), non-coding RNA
766	CUST_79241_PI42 8753551	9.731291	12.4832325	6.736230475	lncRNA	gi 226442822 ref NR_027477.1	gi 226442822 ref NR_027477.1 Mus musculus choline phosphotransferase 1 (Chpt1), transcript variant 3, non-coding RNA
767	CUST_79242_PI42 8753551	9.585688	13.371984	13.79712721	lncRNA	gi 226442822 ref NR_027477.1	gi 226442822 ref NR_027477.1 Mus musculus choline phosphotransferase 1 (Chpt1), transcript variant 3, non-coding RNA
768	CUST_79243_PI42 8753551	11.1282	15.179234	16.57608039	lncRNA	gi 226442822 ref NR_027477.1	gi 226442822 ref NR_027477.1 Mus musculus choline phosphotransferase 1 (Chpt1), transcript variant 3, non-coding RNA
769	CUST_79492_PI42 8753551	8.71701	11.072018	5.115970694	lncRNA	gi 325995138 ref NR_037954.1	gi 325995138 ref NR_037954.1 Mus musculus RIKEN cDNA 1110054M08 gene (1110054M08Rik), non-coding RNA

770	CUST_79493_PI42 8753551	8.816381	11.0231085	4.616269655	lncRNA	gi 325995138 ref NR_037954.1	gi 325995138 ref NR_037954.1 Mus musculus RIKEN cDNA 1110054M08 gene (1110054M08Rik), non-coding RNA
771	CUST_79505_PI42 8753551	9.977755	7.8146014	0.223267691	lncRNA	gi 326633251 ref NR_038025.1	gi 326633251 ref NR_038025.1 Mus musculus RIKEN cDNA 4933412E12 gene (4933412E12Rik), transcript variant 1, non-coding RNA
772	CUST_79539_PI42 8753551	7.892817	9.954643	4.175145572	lncRNA	gi 342837691 ref NR_040721.1	gi 342837691 ref NR_040721.1 Mus musculus small nucleolar RNA host gene 5 (Snhg5), non-coding RNA
773	CUST_79540_PI42 8753551	9.712174	11.624247	3.763494857	lncRNA	gi 342837691 ref NR_040721.1	gi 342837691 ref NR_040721.1 Mus musculus small nucleolar RNA host gene 5 (Snhg5), non-coding RNA
774	CUST_79541_PI42 8753551	11.73278	13.532312	3.481063183	lncRNA	gi 342837691 ref NR_040721.1	gi 342837691 ref NR_040721.1 Mus musculus small nucleolar RNA host gene 5 (Snhg5), non-coding RNA
775	CUST_79544_PI42 8753551	8.110336	10.110883	4.001516894	lncRNA	gi 339639627 ref NR_040344.1	gi 339639627 ref NR_040344.1 Mus musculus RIKEN cDNA 1810019D21 gene (1810019D21Rik), transcript variant 1, non-coding RNA
776	CUST_79574_PI42 8753551	7.900125	9.927924	4.077823973	lncRNA	gi 339639628 ref NR_040345.1	gi 339639628 ref NR_040345.1 Mus musculus RIKEN cDNA 1810019D21 gene (1810019D21Rik), transcript variant 2, non-coding RNA
777	CUST_7962_PI428 753551	10.73143	8.812684	0.264485035	lncRNA	ri 2700017I06 ZX00063K01 826	ri 2700017I06 ZX00063K01 826 contigs=2 ver=1 seqid=11778
778	CUST_7963_PI428 753551	10.88514	8.759322	0.229120587	lncRNA	ri 2700017I06 ZX00063K01 826	ri 2700017I06 ZX00063K01 826 contigs=2 ver=1 seqid=11778
779	CUST_79938_PI42 8753551	10.99452	7.614958	0.096084198	lncRNA	gi 372266188 ref NR_045954.1	gi 372266188 ref NR_045954.1 Mus musculus RIKEN cDNA 4833412C05 gene (4833412C05Rik), non-coding RNA
780	CUST_80030_PI42 8753551	10.42789	8.123605	0.20246115	lncRNA	gi 353677956 ref NR_045350.1	gi 353677956 ref NR_045350.1 Mus musculus RIKEN cDNA 4930405J17 gene (4930405J17Rik), non-coding RNA
781	CUST_80096_PI42 8753551	10.19967	12.0650425	3.64361746	lncRNA	gi 372620354 ref NR_046006.1	gi 372620354 ref NR_046006.1 Mus musculus RIKEN cDNA 2310010J17 gene (2310010J17Rik), transcript variant 1, non-coding RNA
782	CUST_80397_PI42 8753551	9.438857	7.796221	0.320270761	lncRNA	gi 354548820 ref NR_045402.1	gi 354548820 ref NR_045402.1 Mus musculus uncharacterized protein E330013P06 (E330013P06), non-coding RNA

783	CUST_80398_PI42 8753551	13.29628	11.635113	0.316183283	lncRNA	gi 354548820 ref NR_045402.1	gi 354548820 ref NR_045402.1 Mus musculus uncharacterized protein E330013P06 (E330013P06), non-coding RNA
784	CUST_8054_PI428 753551	10.62818	7.468653	0.11191513	lncRNA	ri 2700073B04 ZX00056F20 473	ri 2700073B04 ZX00056F20 473 contigs=2 ver=1 seqid=11169
785	CUST_8056_PI428 753551	14.5135	11.4571705	0.120213223	lncRNA	ri 2700073B04 ZX00056F20 473	ri 2700073B04 ZX00056F20 473 contigs=2 ver=1 seqid=11169
786	CUST_8065_PI428 753551	8.723692	12.757496	16.37932501	lncRNA	ri 2700078F24 ZX00056H20 1368	ri 2700078F24 ZX00056H20 1368 contigs=2 ver=1 seqid=5761
787	CUST_80719_PI42 8753551	12.52699	8.748085	0.072851223	lncRNA	gi 345441820 ref NR_045098.1	gi 345441820 ref NR_045098.1 Mus musculus predicted gene 2115 (Gm2115), non-coding RNA
788	CUST_80727_PI42 8753551	8.785698	7.0746183	0.305431402	lncRNA	gi 332634884 ref NR_038186.1	gi 332634884 ref NR_038186.1 Mus musculus RIKEN cDNA 0610007N19 (0610007N19Rik), non-coding RNA
789	CUST_80779_PI42 8753551	7.21948	8.851925	3.10038075	lncRNA	gi 294345386 ref NR_033452.1	gi 294345386 ref NR_033452.1 Mus musculus predicted gene 4013 (Gm4013), non-coding RNA
790	CUST_80780_PI42 8753551	7.375697	9.136015	3.387727893	lncRNA	gi 294345386 ref NR_033452.1	gi 294345386 ref NR_033452.1 Mus musculus predicted gene 4013 (Gm4013), non-coding RNA
791	CUST_80789_PI42 8753551	10.59607	7.858785	0.149966794	lncRNA	gi 291042677 ref NR_033388.1	gi 291042677 ref NR_033388.1 Mus musculus predicted gene 3002 (Gm3002), non-coding RNA
792	CUST_8093_PI428 753551	13.58238	10.907444	0.156589893	lncRNA	ri 2700091K11 ZX00064A20 1776	ri 2700091K11 ZX00064A20 1776 contigs=4 ver=2 seqid=59488
793	CUST_8095_PI428 753551	12.58169	10.602142	0.253568598	lncRNA	ri 2700091K11 ZX00064A20 1776	ri 2700091K11 ZX00064A20 1776 contigs=4 ver=2 seqid=59488
794	CUST_80988_PI42 8753551	10.89633	7.9596176	0.130605685	lncRNA	gi 260276049 ref NR_028591.1	gi 260276049 ref NR_028591.1 Mus musculus predicted gene 14005 (Gm14005), transcript variant 3, non-coding RNA
795	CUST_80989_PI42 8753551	11.79594	9.986496	0.285301849	lncRNA	gi 260276049 ref NR_028591.1	gi 260276049 ref NR_028591.1 Mus musculus predicted gene 14005 (Gm14005), transcript variant 3, non-coding RNA
796	CUST_8123_PI428 753551	10.32152	8.450903	0.273457019	lncRNA	ri 2810012G08 ZX00034F05 1802	ri 2810012G08 ZX00034F05 1802 contigs=5 ver=1 seqid=18854
797	CUST_8124_PI428 753551	13.16184	11.023777	0.227184451	lncRNA	ri 2810012G08 ZX00034F05 1802	ri 2810012G08 ZX00034F05 1802 contigs=5 ver=1 seqid=18854

798	CUST_81404_PI42 8753551	10.02892	8.280877	0.29770472	lncRNA	gi 148612896 ref NR_003568.1	gi 148612896 ref NR_003568.1 Mus musculus G protein-coupled receptor 137B, pseudogene (Gpr137b-ps), non-coding RNA
799	CUST_8161_PI428 753551	13.1317	10.990227	0.226648576	lncRNA	ri 2810026C21 ZX00064L04 1215	ri 2810026C21 ZX00064L04 1215 contigs=2 ver=1 seqid=11894
800	CUST_8162_PI428 753551	13.51825	11.229121	0.204599071	lncRNA	ri 2810026C21 ZX00064L04 1215	ri 2810026C21 ZX00064L04 1215 contigs=2 ver=1 seqid=11894
801	CUST_8163_PI428 753551	15.64387	13.720053	0.263556102	lncRNA	ri 2810026C21 ZX00064L04 1215	ri 2810026C21 ZX00064L04 1215 contigs=2 ver=1 seqid=11894
802	CUST_81667_PI42 8753551	7.483843	10.774197	9.78352255	lncRNA	gi 401871084 ref NR_040420.2	gi 401871084 ref NR_040420.2 Mus musculus predicted pseudogene 6568 (Gm6568), non-coding RNA
803	CUST_81668_PI42 8753551	8.379612	12.001251	12.30897735	lncRNA	gi 401871084 ref NR_040420.2	gi 401871084 ref NR_040420.2 Mus musculus predicted pseudogene 6568 (Gm6568), non-coding RNA
804	CUST_81757_PI42 8753551	7.56117	9.476641	3.772369517	lncRNA	gi 283945519 ref NR_033210.1	gi 283945519 ref NR_033210.1 Mus musculus cDNA sequence BC005764 (BC005764), transcript variant 3, non-coding RNA
805	CUST_81802_PI42 8753551	8.375074	10.053323	3.200392833	lncRNA	gi 409264787 ref NR_073374.1	gi 409264787 ref NR_073374.1 Mus musculus RIKEN cDNA 4930506C21 gene (4930506C21Rik), non-coding RNA
806	CUST_8184_PI428 753551	9.768801	7.497343	0.207120463	lncRNA	ri 2810036M19 ZX00065M09 2202	ri 2810036M19 ZX00065M09 2202 contigs=8 ver=1 seqid=12012
807	CUST_8185_PI428 753551	15.38102	13.688285	0.309339506	lncRNA	ri 2810036M19 ZX00065M09 2202	ri 2810036M19 ZX00065M09 2202 contigs=8 ver=1 seqid=12012
808	CUST_81858_PI42 8753551	12.58701	8.594201	0.062812478	lncRNA	gi 381214349 ref NR_046475.1	gi 381214349 ref NR_046475.1 Mus musculus maternally expressed 3 (Meg3), transcript variant 4, non-coding RNA
809	CUST_81861_PI42 8753551	12.3422	8.3636055	0.06343406	lncRNA	gi 236460413 ref NR_027652.1	gi 236460413 ref NR_027652.1 Mus musculus maternally expressed 3 (Meg3), transcript variant 3, non-coding RNA
810	CUST_81868_PI42 8753551	7.055586	13.606527	93.76262141	lncRNA	gi 254826784 ref NR_028142.1	gi 254826784 ref NR_028142.1 Mus musculus patatin-like phospholipase domain containing 2 (Pnpla2), transcript variant 3, non-coding RNA
811	CUST_81869_PI42 8753551	9.183473	14.168865	31.67761908	lncRNA	gi 254826784 ref NR_028142.1	gi 254826784 ref NR_028142.1 Mus musculus patatin-like phospholipase domain containing 2 (Pnpla2), transcript variant 3, non-coding RNA

812	CUST_81920_PI42 8753551	7.988093	10.072073	4.239751182	lncRNA	gi 254939681 ref NR_028264.1	gi 254939681 ref NR_028264.1 Mus musculus deleted in lymphocytic leukemia, 2 (Dleu2), non-coding RNA
813	CUST_81924_PI42 8753551	8.432179	10.018299	3.002408958	lncRNA	gi 407971022 ref NR_073191.1	gi 407971022 ref NR_073191.1 Mus musculus interleukin 15 receptor, alpha chain (Il15ra), transcript variant 8, non-coding RNA
814	CUST_81936_PI42 8753551	10.63116	7.5135117	0.115210946	lncRNA	gi 229577200 ref NR_027627.1	gi 229577200 ref NR_027627.1 Mus musculus potassium channel, subfamily K, member 2 (Kcnk2), transcript variant 3, non-coding RNA
815	CUST_8194_PI428 753551	10.18698	12.202021	4.041933259	lncRNA	ri 2810038M20 ZX00065017 891	ri 2810038M20 ZX00065017 891 contigs=2 ver=1 seqid=12036
816	CUST_83390_PI42 8753551	10.44968	8.773554	0.312922435	lncRNA	uc.246-	uc.246-
817	CUST_83391_PI42 8753551	10.45736	8.7279625	0.301577458	lncRNA	uc.246-	uc.246-
818	CUST_8433_PI428 753551	10.95389	8.473172	0.179155222	lncRNA	ri 2810441C07 ZX00066L07 345	ri 2810441C07 ZX00066L07 345 contigs=2 ver=1 seqid=12114
819	CUST_8434_PI428 753551	11.49929	9.589687	0.266165779	lncRNA	ri 2810441C07 ZX00066L07 345	ri 2810441C07 ZX00066L07 345 contigs=2 ver=1 seqid=12114
820	CUST_84882_PI42 8753551	11.64848	9.771692	0.272289452	lncRNA	uc007bgn.1	uc007bgn.1
821	CUST_84936_PI42 8753551	9.454348	7.4163623	0.243503481	lncRNA	uc007btf.1	uc007btf.1
822	CUST_84937_PI42 8753551	11.12458	7.919835	0.108461693	lncRNA	uc007btf.1	uc007btf.1
823	CUST_84938_PI42 8753551	12.16398	9.213696	0.129383092	lncRNA	uc007btf.1	uc007btf.1
824	CUST_84981_PI42 8753551	9.970013	7.478001	0.177758198	lncRNA	uc029qrq.1	uc029qrq.1
825	CUST_8506_PI428 753551	13.3424	11.563857	0.291477414	lncRNA	ri 2810468A07 ZX00067K16 1431	ri 2810468A07 ZX00067K16 1431 contigs=4 ver=2 seqid=59502
826	CUST_8507_PI428 753551	12.97504	11.185271	0.289218451	lncRNA	ri 2810468A07 ZX00067K16 1431	ri 2810468A07 ZX00067K16 1431 contigs=4 ver=2 seqid=59502
827	CUST_8508_PI428 753551	10.51348	8.518707	0.250908282	lncRNA	ri 2810468A07 ZX00067K16 1431	ri 2810468A07 ZX00067K16 1431 contigs=4 ver=2 seqid=59502

828	CUST_85081_PI42 8753551	8.79879	10.3961525	3.025896203	lncRNA	uc007cps.2	uc007cps.2
829	CUST_85083_PI42 8753551	12.69166	14.557939	3.645900021	lncRNA	uc007cps.2	uc007cps.2
830	CUST_85091_PI42 8753551	10.47125	8.861537	0.327663755	lncRNA	uc007crv.1	uc007crv.1
831	CUST_85099_PI42 8753551	10.33571	7.584673	0.148544284	lncRNA	uc007ctp.1	uc007ctp.1
832	CUST_85101_PI42 8753551	10.35882	7.9554815	0.189026774	lncRNA	uc007ctp.1	uc007ctp.1
833	CUST_852_PI4287 53551	11.37916	13.072078	3.233101948	lncRNA	ENSMUST00000123700	ENSMUST00000123700 havana:lincRNA chromosome:GRCm38:11:87755577:87757270:1 gene:ENSMUSG00000084796 gene_biotype:lincRNA transcript biotype:lincRNA
834	CUST_85272_PI42 8753551	13.97257	11.637702	0.198213894	lncRNA	uc029qur.1	uc029qur.1
835	CUST_85273_PI42 8753551	13.88312	11.385004	0.177007697	lncRNA	uc029qur.1	uc029qur.1
836	CUST_85274_PI42 8753551	15.93904	13.656688	0.205561929	lncRNA	uc029qur.1	uc029qur.1
837	CUST_85313_PI42 8753551	12.44361	9.757459	0.155377553	lncRNA	uc007dvi.1	uc007dvi.1
838	CUST_8547_PI428 753551	11.29223	12.89986	3.047507983	lncRNA	ri 2810483F24 ZX00 067N12 1130	ri 2810483F24 ZX00067N12 1130 contigs=2 ver=1 seqid=12264
839	CUST_85507_PI42 8753551	8.671813	10.390241	3.290776395	lncRNA	uc007erj.1	uc007erj.1
840	CUST_85509_PI42 8753551	7.143482	8.993432	3.604876913	lncRNA	uc007eth.3	uc007eth.3
841	CUST_85513_PI42 8753551	11.17442	8.581483	0.165748532	lncRNA	uc007etr.1	uc007etr.1
842	CUST_85537_PI42 8753551	13.40317	10.447937	0.128939572	lncRNA	uc007exo.2	uc007exo.2
843	CUST_85552_PI42 8753551	12.35675	10.598518	0.295609594	lncRNA	uc007fan.1	uc007fan.1

844	CUST_85554_PI42 8753551	10.02105	7.891753	0.22856953	lncRNA	uc007fan.1	uc007fan.1
845	CUST_85556_PI42 8753551	9.876719	7.6098614	0.207781973	lncRNA	uc007fap.1	uc007fap.1
846	CUST_8566_PI428 753551	11.36422	7.920295	0.091891485	lncRNA	ri 2810490L08 ZX00 067J16 2002	ri 2810490L08 ZX00067J16 2002 contigs=4 ver=1 seqid=12239
847	CUST_8568_PI428 753551	14.62979	8.454126	0.013833711	lncRNA	ri 2810490L08 ZX00 067J16 2002	ri 2810490L08 ZX00067J16 2002 contigs=4 ver=1 seqid=12239
848	CUST_85723_PI42 8753551	11.99169	9.876522	0.230818538	lncRNA	uc007fyu.1	uc007fyu.1
849	CUST_85731_PI42 8753551	10.3409	7.1785283	0.111694055	lncRNA	uc007fzt.2	uc007fzt.2
850	CUST_85732_PI42 8753551	14.46884	11.409068	0.119926717	lncRNA	uc007fzt.2	uc007fzt.2
851	CUST_85762_PI42 8753551	8.642101	11.582613	7.676836914	lncRNA	uc007geg.1	uc007geg.1
852	CUST_85763_PI42 8753551	10.42413	12.040944	3.066980513	lncRNA	uc007geg.1	uc007geg.1
853	CUST_85764_PI42 8753551	7.795936	10.228594	5.398871952	lncRNA	uc007geg.1	uc007geg.1
854	CUST_85790_PI42 8753551	10.5822	12.298191	3.28522914	lncRNA	uc007ghs.1	uc007ghs.1
855	CUST_85791_PI42 8753551	12.55974	14.303747	3.349632915	lncRNA	uc007ghs.1	uc007ghs.1
856	CUST_85805_PI42 8753551	9.548464	7.845341	0.30712056	lncRNA	uc007glc.2	uc007glc.2
857	CUST_85848_PI42 8753551	11.46477	9.114134	0.196059982	lncRNA	uc011xlr.1	uc011xlr.1
858	CUST_85850_PI42 8753551	12.53115	10.567781	0.256429474	lncRNA	uc011xlr.1	uc011xlr.1
859	CUST_85882_PI42 8753551	7.538541	10.440992	7.476955776	lncRNA	uc007gxs.1	uc007gxs.1
860	CUST_85883_PI42 8753551	8.528862	12.23875	13.08541704	lncRNA	uc007gxs.1	uc007gxs.1

861	CUST_86074_PI42 8753551	8.970982	10.805557	3.566663228	lncRNA	uc007iit.1	uc007iit.1
862	CUST_86075_PI42 8753551	9.194739	10.873574	3.201693046	lncRNA	uc007iit.1	uc007iit.1
863	CUST_8608_PI428 753551	10.4711	8.650336	0.283071812	lncRNA	ri 2900006B19 ZX00 068C04 999	ri 2900006B19 ZX00068C04 999 contigs=2 ver=1 seqid=12314
864	CUST_8609_PI428 753551	11.62852	7.603597	0.061429651	lncRNA	ri 2900006B19 ZX00 068C04 999	ri 2900006B19 ZX00068C04 999 contigs=2 ver=1 seqid=12314
865	CUST_8616_PI428 753551	10.63685	8.78937	0.277876743	lncRNA	ri 2900008M13 ZX00 068A02 557	ri 2900008M13 ZX00068A02 557 contigs=2 ver=1 seqid=12290
866	CUST_86163_PI42 8753551	10.49191	7.160789	0.099364822	lncRNA	uc007jfx.2	uc007jfx.2
867	CUST_8617_PI428 753551	12.37256	10.703902	0.314546235	lncRNA	ri 2900008M13 ZX00 068A02 557	ri 2900008M13 ZX00068A02 557 contigs=2 ver=1 seqid=12290
868	CUST_86177_PI42 8753551	8.744133	10.419111	3.193144852	lncRNA	uc011xvz.1	uc011xvz.1
869	CUST_86178_PI42 8753551	9.220613	7.296054	0.263420769	lncRNA	uc011xwb.1	uc011xwb.1
870	CUST_8618_PI428 753551	13.56842	11.926675	0.320468398	lncRNA	ri 2900008M13 ZX00 068A02 557	ri 2900008M13 ZX00068A02 557 contigs=2 ver=1 seqid=12290
871	CUST_86212_PI42 8753551	9.364136	7.7483044	0.32627682	lncRNA	uc011xwx.1	uc011xwx.1
872	CUST_86231_PI42 8753551	10.17346	7.3503046	0.141300904	lncRNA	uc011xxt.1	uc011xxt.1
873	CUST_86252_PI42 8753551	11.77029	9.916248	0.276617244	lncRNA	uc007jyq.2	uc007jyq.2
874	CUST_86253_PI42 8753551	12.70955	10.813672	0.268709457	lncRNA	uc007jyq.2	uc007jyq.2
875	CUST_86254_PI42 8753551	13.17634	11.211393	0.256148083	lncRNA	uc007jyq.2	uc007jyq.2
876	CUST_86263_PI42 8753551	10.98582	7.1565204	0.070350154	lncRNA	uc007kby.1	uc007kby.1
877	CUST_86348_PI42 8753551	9.437294	7.5270796	0.266053004	lncRNA	uc007kkj.1	uc007kkj.1

878	CUST_86349_PI42 8753551	12.51985	10.862698	0.317065322	lncRNA	uc007kkj.1	uc007kkj.1
879	CUST_86370_PI42 8753551	8.200795	11.178162	7.875475324	lncRNA	uc007kqj.1	uc007kqj.1
880	CUST_8639_PI428 753551	9.972796	7.422026	0.17066392	lncRNA	ri 2900011G21 ZX00 068G07 309	ri 2900011G21 ZX00068G07 309 contigs=2 ver=1 seqid=12357
881	CUST_8641_PI428 753551	11.6674	7.9312716	0.075043327	lncRNA	ri 2900011G21 ZX00 068G07 309	ri 2900011G21 ZX00068G07 309 contigs=2 ver=1 seqid=12357
882	CUST_86412_PI42 8753551	7.949134	13.804482	57.89424345	lncRNA	uc007kwn.1	uc007kwn.1
883	CUST_86415_PI42 8753551	7.988966	13.891527	59.8202071	lncRNA	uc011ycq.1	uc011ycq.1
884	CUST_86455_PI42 8753551	7.001175	10.1268425	8.728096787	lncRNA	uc007lfe.1	uc007lfe.1
885	CUST_86567_PI42 8753551	9.595306	7.9641743	0.322834865	lncRNA	uc011ygt.1	uc011ygt.1
886	CUST_86569_PI42 8753551	12.28277	8.268932	0.061903252	lncRNA	uc007mcv.1	uc007mcv.1
887	CUST_86690_PI42 8753551	11.08238	8.870214	0.215809757	lncRNA	uc011yjn.1	uc011yjn.1
888	CUST_86716_PI42 8753551	9.1311	10.814224	3.211225549	lncRNA	uc011yju.1	uc011yju.1
889	CUST_86867_PI42 8753551	8.230862	11.29659	8.372903513	lncRNA	uc011ynx.1	uc011ynx.1
890	CUST_87006_PI42 8753551	8.952183	10.945903	3.982625984	lncRNA	uc011yrk.2	uc011yrk.2
891	CUST_87043_PI42 8753551	7.582963	10.829138	9.488466884	lncRNA	uc007pdy.1	uc007pdy.1
892	CUST_87076_PI42 8753551	11.0182	9.412952	0.328679185	lncRNA	uc007phn.1	uc007phn.1
893	CUST_87118_PI42 8753551	9.37241	7.7168307	0.317410267	lncRNA	uc007pme.2	uc007pme.2
894	CUST_87199_PI42 8753551	12.92753	10.043948	0.135504625	lncRNA	uc007qbj.1	uc007qbj.1

895	CUST_87264_PI42 8753551	10.32546	7.636233	0.155046622	lncRNA	uc007qrf.2	uc007qrf.2
896	CUST_87265_PI42 8753551	11.87385	8.90976	0.128150499	lncRNA	uc007qrf.2	uc007qrf.2
897	CUST_87266_PI42 8753551	13.06708	10.160359	0.133349008	lncRNA	uc007qrf.2	uc007qrf.2
898	CUST_87287_PI42 8753551	10.29794	8.32436	0.254619709	lncRNA	uc007qyk.1	uc007qyk.1
899	CUST_87288_PI42 8753551	10.29237	8.432546	0.275510651	lncRNA	uc007qyk.1	uc007qyk.1
900	CUST_87289_PI42 8753551	10.46561	8.435416	0.244821811	lncRNA	uc007qyk.1	uc007qyk.1
901	CUST_87290_PI42 8753551	10.58447	8.590128	0.250982382	lncRNA	uc007qxu.1	uc007qxu.1
902	CUST_87292_PI42 8753551	12.8082	10.732424	0.237207742	lncRNA	uc007qxu.1	uc007qxu.1
903	CUST_87342_PI42 8753551	14.16887	11.945212	0.21409856	lncRNA	uc007rcw.2	uc007rcw.2
904	CUST_87345_PI42 8753551	12.70772	10.606108	0.232997116	lncRNA	uc011zbn.1	uc011zbn.1
905	CUST_87397_PI42 8753551	13.19293	9.432298	0.073779611	lncRNA	uc007roi.1	uc007roi.1
906	CUST_87485_PI42 8753551	10.76005	8.756133	0.249321638	lncRNA	uc007sel.1	uc007sel.1
907	CUST_87486_PI42 8753551	10.26968	8.256985	0.247809088	lncRNA	uc007sel.1	uc007sel.1
908	CUST_87487_PI42 8753551	10.3964	8.347032	0.241590729	lncRNA	uc007sel.1	uc007sel.1
909	CUST_87562_PI42 8753551	7.582125	9.225969	3.124974246	lncRNA	uc007syh.2	uc007syh.2
910	CUST_87563_PI42 8753551	9.668016	11.378012	3.271599163	lncRNA	uc007syh.2	uc007syh.2
911	CUST_87601_PI42 8753551	9.99305	8.401642	0.331847429	lncRNA	uc011zjn.1	uc011zjn.1

912	CUST_87747_PI42 8753551	9.582267	7.289355	0.204063208	lncRNA	uc011zmm.1	uc011zmm.1
913	CUST_87771_PI42 8753551	11.30977	13.002433	3.232522697	lncRNA	uc029skr.1	uc029skr.1
914	CUST_87802_PI42 8753551	10.75058	8.352026	0.18965509	lncRNA	uc029slk.1	uc029slk.1
915	CUST_87803_PI42 8753551	11.21563	8.702316	0.175153048	lncRNA	uc029slk.1	uc029slk.1
916	CUST_87893_PI42 8753551	9.704304	7.188257	0.174821315	lncRNA	uc007vab.2	uc007vab.2
917	CUST_87903_PI42 8753551	9.11046	11.060695	3.864374731	lncRNA	uc011zqk.1	uc011zqk.1
918	CUST_87904_PI42 8753551	8.84495	10.979815	4.391960259	lncRNA	uc011zqk.1	uc011zqk.1
919	CUST_87905_PI42 8753551	8.584609	10.741802	4.460461544	lncRNA	uc011zql.1	uc011zql.1
920	CUST_87906_PI42 8753551	9.469466	11.722176	4.765772221	lncRNA	uc011zql.1	uc011zql.1
921	CUST_87982_PI42 8753551	10.03122	12.337727	4.946849471	lncRNA	uc007vkv.1	uc007vkv.1
922	CUST_88055_PI42 8753551	15.88615	10.5654335	0.025020987	lncRNA	uc007wav.1	uc007wav.1
923	CUST_88057_PI42 8753551	15.05507	9.753008	0.025346564	lncRNA	uc007wav.1	uc007wav.1
924	CUST_88061_PI42 8753551	11.33811	9.690684	0.319208727	lncRNA	uc007wbg.1	uc007wbg.1
925	CUST_88085_PI42 8753551	11.83176	9.795782	0.243841908	lncRNA	uc007wgm.1	uc007wgm.1
926	CUST_88088_PI42 8753551	13.06749	10.960559	0.232140798	lncRNA	uc007wgq.1	uc007wgq.1
927	CUST_88103_PI42 8753551	9.916746	7.7745514	0.226534926	lncRNA	uc007wjg.1	uc007wjg.1
928	CUST_88105_PI42 8753551	7.587745	9.764041	4.519916121	lncRNA	uc007wjh.1	uc007wjh.1

929	CUST_8817_PI428 753551	11.46014	9.606993	0.276787942	lncRNA	ri 2900046G09 ZX00 069M23 1302	ri 2900046G09 ZX00069M23 1302 contigs=7 ver=1 seqid=23830
930	CUST_88339_PI42 8753551	17.31108	15.672384	0.321146616	lncRNA	uc029sva.1	uc029sva.1
931	CUST_88344_PI42 8753551	7.677079	17.31108	794.5537455	lncRNA	uc007xqc.1	uc007xqc.1
932	CUST_8846_PI428 753551	8.139063	13.032935	29.73050368	lncRNA	ri 2900053A11 ZX00 069G11 620	ri 2900053A11 ZX00069G11 620 contigs=2 ver=1 seqid=12529
933	CUST_8847_PI428 753551	9.503811	14.418488	30.16235145	lncRNA	ri 2900053A11 ZX00 069G11 620	ri 2900053A11 ZX00069G11 620 contigs=2 ver=1 seqid=12529
934	CUST_8848_PI428 753551	8.774432	13.701802	30.42889417	lncRNA	ri 2900053A11 ZX00 069G11 620	ri 2900053A11 ZX00069G11 620 contigs=2 ver=1 seqid=12529
935	CUST_88531_PI42 8753551	7.28526	11.902393	24.54118997	lncRNA	uc012adq.1	uc012adq.1
936	CUST_88532_PI42 8753551	7.213146	11.045422	14.24393646	lncRNA	uc012adq.1	uc012adq.1
937	CUST_88579_PI42 8753551	9.879682	8.198742	0.311879363	lncRNA	uc029sxd.1	uc029sxd.1
938	CUST_88631_PI42 8753551	7.18167	10.047167	7.287868865	lncRNA	uc007zns.1	uc007zns.1
939	CUST_88633_PI42 8753551	8.018677	10.7370205	6.581167313	lncRNA	uc007zns.1	uc007zns.1
940	CUST_88757_PI42 8753551	10.05698	7.515082	0.17171655	lncRNA	uc008af1.2	uc008af1.2
941	CUST_88792_PI42 8753551	11.67544	13.278212	3.037269656	lncRNA	uc008alw.1	uc008alw.1
942	CUST_8887_PI428 753551	10.56091	8.11418	0.183425993	lncRNA	ri 2900057C09 ZX00 069F09 440	ri 2900057C09 ZX00069F09 440 contigs=8 ver=1 seqid=23827
943	CUST_8888_PI428 753551	11.84989	9.265735	0.166760095	lncRNA	ri 2900057C09 ZX00 069F09 440	ri 2900057C09 ZX00069F09 440 contigs=8 ver=1 seqid=23827
944	CUST_8889_PI428 753551	13.4903	11.291417	0.21780606	lncRNA	ri 2900057C09 ZX00 069F09 440	ri 2900057C09 ZX00069F09 440 contigs=8 ver=1 seqid=23827
945	CUST_88953_PI42 8753551	12.35777	10.572528	0.290126906	lncRNA	uc012api.1	uc012api.1

946	CUST_88977_PI42 8753551	7.480406	10.300245	7.06083596	lncRNA	uc012aqm.1	uc012aqm.1
947	CUST_89072_PI42 8753551	11.20827	15.323393	17.32905407	lncRNA	uc029tiw.1	uc029tiw.1
948	CUST_89098_PI42 8753551	9.853926	8.124269	0.301523635	lncRNA	uc008dgg.2	uc008dgg.2
949	CUST_89126_PI42 8753551	7.960982	10.912313	7.734621532	lncRNA	uc008dnq.1	uc008dnq.1
950	CUST_8922_PI428 753551	9.264826	12.074765	7.01254926	lncRNA	ri 2900064B18 ZX00 069B16 1135	ri 2900064B18 ZX00069B16 1135 contigs=2 ver=1 seqid=12482
951	CUST_89260_PI42 8753551	9.767002	7.0721617	0.154444425	lncRNA	uc012baw.1	uc012baw.1
952	CUST_89357_PI42 8753551	8.977455	7.0553823	0.263875132	lncRNA	uc008evm.2	uc008evm.2
953	CUST_89388_PI42 8753551	8.667007	7.0192084	0.319126739	lncRNA	uc012bdi.1	uc012bdi.1
954	CUST_89423_PI42 8753551	8.779902	13.911979	35.06786028	lncRNA	uc029tnh.1	uc029tnh.1
955	CUST_89426_PI42 8753551	10.15373	8.345966	0.285633283	lncRNA	uc008fdq.2	uc008fdq.2
956	CUST_89452_PI42 8753551	9.903107	8.149309	0.296520139	lncRNA	uc029tpj.1	uc029tpj.1
957	CUST_89457_PI42 8753551	8.727022	7.001775	0.302446737	lncRNA	uc029tpr.1	uc029tpr.1
958	CUST_89460_PI42 8753551	8.726822	7.0915546	0.321910736	lncRNA	uc029tps.1	uc029tps.1
959	CUST_89461_PI42 8753551	8.637601	7.036575	0.329642463	lncRNA	uc029tpt.1	uc029tpt.1
960	CUST_89636_PI42 8753551	9.030708	11.655972	6.169972247	lncRNA	uc008gqb.1	uc008gqb.1
961	CUST_89637_PI42 8753551	7.91469	11.217335	9.867229058	lncRNA	uc008gqb.1	uc008gqb.1
962	CUST_89693_PI42 8753551	9.201826	7.5440526	0.316927906	lncRNA	uc008hah.1	uc008hah.1

963	CUST_89695_PI42 8753551	12.14957	10.521232	0.323460175	lncRNA	uc008hah.1	uc008hah.1
964	CUST_89741_PI42 8753551	14.15496	10.191407	0.064099282	lncRNA	uc008hgf.1	uc008hgf.1
965	CUST_89764_PI42 8753551	8.483578	10.137679	3.147270107	lncRNA	uc008hku.1	uc008hku.1
966	CUST_89772_PI42 8753551	10.72896	9.100789	0.323498965	lncRNA	uc008hmp.2	uc008hmp.2
967	CUST_89808_PI42 8753551	7.26014	12.788992	46.16896865	lncRNA	uc008hps.1	uc008hps.1
968	CUST_89809_PI42 8753551	7.334233	12.504864	36.01761381	lncRNA	uc008hps.1	uc008hps.1
969	CUST_89810_PI42 8753551	7.175383	12.798824	49.29744599	lncRNA	uc008hps.1	uc008hps.1
970	CUST_89832_PI42 8753551	9.349199	11.282768	3.819990367	lncRNA	uc008htv.1	uc008htv.1
971	CUST_89933_PI42 8753551	10.93199	13.973422	8.233101431	lncRNA	uc008iii.1	uc008iii.1
972	CUST_89974_PI42 8753551	9.518124	7.7185397	0.287257348	lncRNA	uc008irs.1	uc008irs.1
973	CUST_89996_PI42 8753551	9.457072	13.604411	17.72039675	lncRNA	uc029twe.1	uc029twe.1
974	CUST_89997_PI42 8753551	10.90706	15.012555	17.2138035	lncRNA	uc029twe.1	uc029twe.1
975	CUST_89998_PI42 8753551	11.21192	15.56418	20.42494092	lncRNA	uc029twe.1	uc029twe.1
976	CUST_90018_PI42 8753551	9.773408	7.602074	0.222005296	lncRNA	uc008ixu.1	uc008ixu.1
977	CUST_90117_PI42 8753551	8.001959	10.062411	4.171169677	lncRNA	uc008jpp.1	uc008jpp.1
978	CUST_90118_PI42 8753551	7.285079	9.09493	3.506060764	lncRNA	uc008jpp.1	uc008jpp.1
979	CUST_90127_PI42 8753551	7.241034	8.941248	3.249491558	lncRNA	uc008jqz.1	uc008jqz.1

980	CUST_90150_PI42 8753551	10. 78893	12. 378704	3. 010028193	lncRNA	uc008jva. 2	uc008jva. 2
981	CUST_90153_PI42 8753551	7. 735631	9. 396289	3. 161606899	lncRNA	uc008jwi. 1	uc008jwi. 1
982	CUST_90285_PI42 8753551	7. 71625	9. 530813	3. 517530664	lncRNA	uc012bzs. 1	uc012bzs. 1
983	CUST_90608_PI42 8753551	8. 105045	9. 79785	3. 232846482	lncRNA	uc008ntq. 2	uc008ntq. 2
984	CUST_90751_PI42 8753551	8. 064866	9. 926615	3. 634480084	lncRNA	uc008ooj. 1	uc008ooj. 1
985	CUST_90752_PI42 8753551	10. 72929	12. 421294	3. 231058788	lncRNA	uc008ooj. 1	uc008ooj. 1
986	CUST_90821_PI42 8753551	9. 607995	7. 751462	0. 276139083	lncRNA	uc008peq. 1	uc008peq. 1
987	CUST_90822_PI42 8753551	12. 30446	10. 442598	0. 275120968	lncRNA	uc008peq. 1	uc008peq. 1
988	CUST_90915_PI42 8753551	10. 14213	13. 26572	8. 715545715	lncRNA	uc008pxf. 1	uc008pxf. 1
989	CUST_90922_PI42 8753551	11. 97767	10. 123744	0. 276639103	lncRNA	uc008pya. 1	uc008pya. 1
990	CUST_90997_PI42 8753551	11. 22475	9. 41514	0. 285267935	lncRNA	uc008qpd. 1	uc008qpd. 1
991	CUST_91069_PI42 8753551	10. 48466	8. 126335	0. 195017433	lncRNA	uc012cwn. 1	uc012cwn. 1
992	CUST_91070_PI42 8753551	14. 8177	12. 62291	0. 21842441	lncRNA	uc012cwn. 1	uc012cwn. 1
993	CUST_91071_PI42 8753551	12. 41909	10. 188962	0. 213139812	lncRNA	uc012cwn. 1	uc012cwn. 1
994	CUST_91090_PI42 8753551	9. 699732	8. 065189	0. 322072414	lncRNA	uc012cxb. 1	uc012cxb. 1
995	CUST_91091_PI42 8753551	10. 00069	8. 109316	0. 269550782	lncRNA	uc012cxb. 1	uc012cxb. 1
996	CUST_91092_PI42 8753551	13. 68964	11. 88645	0. 286539711	lncRNA	uc012cxb. 1	uc012cxb. 1

997	CUST_91111_PI42 8753551	8.689058	11.463441	6.84183352	lncRNA	uc012cxn.1	uc012cxn.1
998	CUST_91112_PI42 8753551	8.23102	10.766079	5.796005645	lncRNA	uc012cxn.1	uc012cxn.1
999	CUST_91155_PI42 8753551	8.097141	11.262513	8.971641671	lncRNA	uc008rpy.1	uc008rpy.1
1000	CUST_91315_PI42 8753551	9.942017	7.401527	0.171884338	lncRNA	uc008sub.2	uc008sub.2
1001	CUST_91450_PI42 8753551	15.95153	13.533289	0.1870836	lncRNA	uc008txs.1	uc008txs.1
1002	CUST_91451_PI42 8753551	16.56375	14.538898	0.245731208	lncRNA	uc008txs.1	uc008txs.1
1003	CUST_91452_PI42 8753551	16.31606	13.95932	0.195232481	lncRNA	uc008txs.1	uc008txs.1
1004	CUST_91453_PI42 8753551	17.33211	14.810379	0.17413378	lncRNA	uc008txt.2	uc008txt.2
1005	CUST_91454_PI42 8753551	18.77346	17.05543	0.303964553	lncRNA	uc008txt.2	uc008txt.2
1006	CUST_9150_PI428 753551	10.60446	8.977455	0.32375873	lncRNA	ri 3010034K17 ZX00 149M17 1132	ri 3010034K17 ZX00149M17 1132 contigs=19 ver=1 seqid=71840
1007	CUST_91588_PI42 8753551	11.68648	9.6952095	0.251517642	lncRNA	uc008uyt.2	uc008uyt.2
1008	CUST_91656_PI42 8753551	8.042857	9.749479	3.263956884	lncRNA	uc012doc.1	uc012doc.1
1009	CUST_91657_PI42 8753551	10.20125	11.984605	3.442257445	lncRNA	uc008vpc.2	uc008vpc.2
1010	CUST_91658_PI42 8753551	8.608278	10.438855	3.556792965	lncRNA	uc008vpc.2	uc008vpc.2
1011	CUST_91691_PI42 8753551	9.31175	11.490117	4.526409156	lncRNA	uc008vvk.1	uc008vvk.1
1012	CUST_91832_PI42 8753551	9.191577	7.5057745	0.310829966	lncRNA	uc008wpw.1	uc008wpw.1
1013	CUST_91961_PI42 8753551	10.8987	8.657705	0.211540676	lncRNA	uc008xgt.1	uc008xgt.1

1014	CUST_91962_PI42 8753551	10.83928	8.450303	0.190917334	lncRNA	uc008xgt.1	uc008xgt.1
1015	CUST_91963_PI42 8753551	11.36035	9.094076	0.207865754	lncRNA	uc008xgt.1	uc008xgt.1
1016	CUST_92070_PI42 8753551	9.776098	8.092767	0.311362909	lncRNA	uc008yec.1	uc008yec.1
1017	CUST_92071_PI42 8753551	9.241651	7.423176	0.283520508	lncRNA	uc008yec.1	uc008yec.1
1018	CUST_92072_PI42 8753551	13.30807	11.61637	0.309562581	lncRNA	uc008yec.1	uc008yec.1
1019	CUST_92081_PI42 8753551	9.760942	8.145388	0.32633972	lncRNA	uc008ygz.1	uc008ygz.1
1020	CUST_92099_PI42 8753551	8.888815	10.512619	3.081865712	lncRNA	uc008yie.1	uc008yie.1
1021	CUST_92239_PI42 8753551	12.5258	10.936853	0.33241491	lncRNA	uc012ecu.1	uc012ecu.1
1022	CUST_92342_PI42 8753551	12.69541	15.343649	6.269011603	lncRNA	uc029vpf.1	uc029vpf.1
1023	CUST_92343_PI42 8753551	12.64722	15.308783	6.32716404	lncRNA	uc029vpf.1	uc029vpf.1
1024	CUST_92344_PI42 8753551	8.056135	11.541667	11.20081651	lncRNA	uc029vpf.1	uc029vpf.1
1025	CUST_92403_PI42 8753551	11.56225	8.780096	0.145374486	lncRNA	uc012efp.1	uc012efp.1
1026	CUST_9243_PI428 753551	13.8768	12.275692	0.329624184	lncRNA	ri 3110003A17 ZX00 070P05 769	ri 3110003A17 ZX00070P05 769 contigs=2 ver=1 seqid=12723
1027	CUST_92539_PI42 8753551	9.474152	11.071899	3.026702758	lncRNA	uc009biz.1	uc009biz.1
1028	CUST_92613_PI42 8753551	10.86613	8.749824	0.230636859	lncRNA	uc009buo.2	uc009buo.2
1029	CUST_92614_PI42 8753551	9.34707	13.115883	13.63093858	lncRNA	uc029vvg.1	uc029vvg.1
1030	CUST_9276_PI428 753551	10.50459	8.6037445	0.267785825	lncRNA	ri 3110007H24 ZX00 070F02 246	ri 3110007H24 ZX00070F02 246 contigs=6 ver=1 seqid=49859

1031	CUST_92803_PI42 8753551	11.76171	8.2513685	0.087757212	lncRNA	uc009cxy.1	uc009cxy.1
1032	CUST_92804_PI42 8753551	11.65098	8.013072	0.080330296	lncRNA	uc009cxy.1	uc009cxy.1
1033	CUST_92805_PI42 8753551	12.6397	8.96114	0.078098519	lncRNA	uc009cxy.1	uc009cxy.1
1034	CUST_92833_PI42 8753551	9.249931	7.6425734	0.328198921	lncRNA	uc012epo.1	uc012epo.1
1035	CUST_92834_PI42 8753551	10.41366	8.62277	0.28899371	lncRNA	uc012epo.1	uc012epo.1
1036	CUST_92911_PI42 8753551	7.008904	9.451248	5.435242861	lncRNA	uc012esa.1	uc012esa.1
1037	CUST_92912_PI42 8753551	7.23363	9.524522	4.893585817	lncRNA	uc012esa.1	uc012esa.1
1038	CUST_92913_PI42 8753551	7.709771	9.488371	3.430930734	lncRNA	uc012esa.1	uc012esa.1
1039	CUST_93037_PI42 8753551	8.019542	9.822176	3.48856569	lncRNA	uc009erg.2	uc009erg.2
1040	CUST_93038_PI42 8753551	9.472278	11.379723	3.751441341	lncRNA	uc009erg.2	uc009erg.2
1041	CUST_93039_PI42 8753551	10.91658	12.683046	3.402195394	lncRNA	uc009erg.2	uc009erg.2
1042	CUST_93186_PI42 8753551	10.39796	7.69976	0.154085606	lncRNA	uc012ffz.1	uc012ffz.1
1043	CUST_93203_PI42 8753551	10.44435	8.5612	0.271091353	lncRNA	uc009fzm.2	uc009fzm.2
1044	CUST_93204_PI42 8753551	10.12385	8.268482	0.276362544	lncRNA	uc009fzm.2	uc009fzm.2
1045	CUST_93224_PI42 8753551	10.42588	7.76089	0.15767305	lncRNA	uc009gev.1	uc009gev.1
1046	CUST_93225_PI42 8753551	12.25506	9.754135	0.176663634	lncRNA	uc009gev.1	uc009gev.1
1047	CUST_93253_PI42 8753551	7.092013	9.5849495	5.629225726	lncRNA	uc009ght.2	uc009ght.2

1048	CUST_93254_PI42 8753551	9.084733	11.153799	4.19614927	lncRNA	uc009ght.2	uc009ght.2
1049	CUST_93255_PI42 8753551	11.34455	13.33016	3.960289785	lncRNA	uc009ght.2	uc009ght.2
1050	CUST_93262_PI42 8753551	10.89398	9.120997	0.292602297	lncRNA	uc009git.1	uc009git.1
1051	CUST_93294_PI42 8753551	14.22624	12.357	0.273718338	lncRNA	uc009goz.1	uc009goz.1
1052	CUST_9334_PI428 753551	7.707534	9.6241045	3.775245593	lncRNA	ri 3110023F06 ZX00 071K02 1129	ri 3110023F06 ZX00071K02 1129 contigs=2 ver=1 seqid=12802
1053	CUST_9335_PI428 753551	8.190718	10.215886	4.070392733	lncRNA	ri 3110023F06 ZX00 071K02 1129	ri 3110023F06 ZX00071K02 1129 contigs=2 ver=1 seqid=12802
1054	CUST_9336_PI428 753551	8.805148	10.967111	4.475233629	lncRNA	ri 3110023F06 ZX00 071K02 1129	ri 3110023F06 ZX00071K02 1129 contigs=2 ver=1 seqid=12802
1055	CUST_93446_PI42 8753551	12.03098	10.19117	0.279359348	lncRNA	uc009hhe.1	uc009hhe.1
1056	CUST_93448_PI42 8753551	11.70024	9.598776	0.233021827	lncRNA	uc009hhf.1	uc009hhf.1
1057	CUST_93479_PI42 8753551	8.017344	11.112201	8.543676373	lncRNA	uc009hyz.1	uc009hyz.1
1058	CUST_93480_PI42 8753551	8.2213	11.457462	9.422840347	lncRNA	uc009hyz.1	uc009hyz.1
1059	CUST_93481_PI42 8753551	9.758539	12.993904	9.417636246	lncRNA	uc009hyz.1	uc009hyz.1
1060	CUST_93517_PI42 8753551	9.440743	7.57815	0.274981602	lncRNA	uc009igb.1	uc009igb.1
1061	CUST_93519_PI42 8753551	10.36324	8.374784	0.252007749	lncRNA	uc009igb.1	uc009igb.1
1062	CUST_93581_PI42 8753551	9.56455	7.610108	0.258020572	lncRNA	uc012fqq.1	uc012fqq.1
1063	CUST_9359_PI428 753551	7.214392	8.90207	3.221378764	lncRNA	ri 3110027N22 ZX00 071007 1279	ri 3110027N22 ZX00071007 1279 contigs=2 ver=1 seqid=12829
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1065	CUST_93658_PI42 8753551	11.39322	8.907936	0.178589232	lncRNA	uc009jgk.1	uc009jgk.1
1066	CUST_93767_PI42 8753551	7.154889	8.867432	3.277380096	lncRNA	uc009jzw.1	uc009jzw.1
1067	CUST_93768_PI42 8753551	7.866486	9.5221	3.150573354	lncRNA	uc009jzw.1	uc009jzw.1
1068	CUST_93854_PI42 8753551	9.691025	7.162845	0.173357241	lncRNA	uc009knh.1	uc009knh.1
1069	CUST_93855_PI42 8753551	14.00473	11.464767	0.171947137	lncRNA	uc009knh.1	uc009knh.1
1070	CUST_93873_PI42 8753551	10.02872	7.498414	0.173102444	lncRNA	uc009kpv.1	uc009kpv.1
1071	CUST_93877_PI42 8753551	7.360805	10.0997095	6.675632337	lncRNA	uc009kqd.1	uc009kqd.1
1072	CUST_94054_PI42 8753551	7.435973	9.917015	5.583005588	lncRNA	uc012gdx.1	uc012gdx.1
1073	CUST_94055_PI42 8753551	8.824513	11.252084	5.379870702	lncRNA	uc012gdx.1	uc012gdx.1
1074	CUST_94065_PI42 8753551	8.407282	14.063012	50.413213	lncRNA	uc009lwr.1	uc009lwr.1
1075	CUST_94066_PI42 8753551	9.778461	15.366969	48.11812428	lncRNA	uc009lwr.1	uc009lwr.1
1076	CUST_94068_PI42 8753551	10.32381	15.690197	41.25199538	lncRNA	uc029wtn.1	uc029wtn.1
1077	CUST_94069_PI42 8753551	11.43392	16.837362	42.32505389	lncRNA	uc029wtn.1	uc029wtn.1
1078	CUST_94070_PI42 8753551	12.29046	17.532553	37.84663162	lncRNA	uc029wtn.1	uc029wtn.1
1079	CUST_94204_PI42 8753551	12.12701	10.020651	0.232232695	lncRNA	uc009mr1.1	uc009mr1.1
1080	CUST_94246_PI42 8753551	10.58892	8.766421	0.282731788	lncRNA	uc009nae.1	uc009nae.1
1081	CUST_94273_PI42 8753551	8.157373	10.2859	4.372707965	lncRNA	uc009ndl.1	uc009ndl.1

1082	CUST_94292_PI42 8753551	10.18118	12.130613	3.862219075	lncRNA	uc009nhh.1	uc009nhh.1
1083	CUST_94293_PI42 8753551	9.162159	11.171027	4.024663039	lncRNA	uc009nhh.1	uc009nhh.1
1084	CUST_94294_PI42 8753551	12.05572	14.174447	4.343105505	lncRNA	uc009nhh.1	uc009nhh.1
1085	CUST_9436_PI428 753551	11.01095	8.907864	0.232760152	lncRNA	ri 3110048E14 ZX00 072K02 926	ri 3110048E14 ZX00072K02 926 contigs=2 ver=1 seqid=12917
1086	CUST_9437_PI428 753551	12.59866	10.627565	0.255059457	lncRNA	ri 3110048E14 ZX00 072K02 926	ri 3110048E14 ZX00072K02 926 contigs=2 ver=1 seqid=12917
1087	CUST_94418_PI42 8753551	8.068338	10.317218	4.753137049	lncRNA	uc009nrx.1	uc009nrx.1
1088	CUST_9448_PI428 753551	10.88626	9.07132	0.284215866	lncRNA	ri 3110054C06 ZX00 072M09 774	ri 3110054C06 ZX00072M09 774 contigs=2 ver=1 seqid=12929
1089	CUST_9449_PI428 753551	11.27734	9.629341	0.319083298	lncRNA	ri 3110054C06 ZX00 072M09 774	ri 3110054C06 ZX00072M09 774 contigs=2 ver=1 seqid=12929
1090	CUST_94496_PI42 8753551	10.87595	9.176561	0.307917123	lncRNA	uc012gpj.1	uc012gpj.1
1091	CUST_94607_PI42 8753551	9.833246	7.5216875	0.20144271	lncRNA	uc009pjk.1	uc009pjk.1
1092	CUST_94612_PI42 8753551	9.274822	7.4595137	0.284143516	lncRNA	uc009pjm.1	uc009pjm.1
1093	CUST_94620_PI42 8753551	9.602798	13.8525715	19.02432683	lncRNA	uc009pkz.1	uc009pkz.1
1094	CUST_9464_PI428 753551	14.85469	11.961695	0.134623484	lncRNA	ri 3110056A02 ZX00 072018 3059	ri 3110056A02 ZX00072018 3059 contigs=6 ver=1 seqid=12952
1095	CUST_94696_PI42 8753551	7.39412	9.219386	3.543724135	lncRNA	uc012guz.1	uc012guz.1
1096	CUST_94702_PI42 8753551	8.22428	9.864832	3.117851034	lncRNA	uc012gvh.1	uc012gvh.1
1097	CUST_94728_PI42 8753551	15.44474	13.111906	0.19849327	lncRNA	uc009qfo.1	uc009qfo.1
1098	CUST_94729_PI42 8753551	16.76135	14.779315	0.253132561	lncRNA	uc009qfo.1	uc009qfo.1

1099	CUST_94730_PI42 8753551	17.02002	14.706506	0.201169849	lncRNA	uc009qfo.1	uc009qfo.1
1100	CUST_94776_PI42 8753551	7.24293	9.736219	5.630599747	lncRNA	uc009qrk.2	uc009qrk.2
1101	CUST_94777_PI42 8753551	7.289649	9.613304	5.00598858	lncRNA	uc009qrk.2	uc009qrk.2
1102	CUST_94778_PI42 8753551	10.59336	13.234244	6.23714587	lncRNA	uc009qrk.2	uc009qrk.2
1103	CUST_94925_PI42 8753551	10.76387	8.591674	0.221872228	lncRNA	uc009rve.2	uc009rve.2
1104	CUST_94999_PI42 8753551	8.516113	12.244618	13.25536967	lncRNA	uc009sev.1	uc009sev.1
1105	CUST_95085_PI42 8753551	9.797495	7.273409	0.173849883	lncRNA	uc012hfu.1	uc012hfu.1
1106	CUST_95121_PI42 8753551	8.215608	10.166496	3.86612424	lncRNA	uc009tgl.2	uc009tgl.2
1107	CUST_95131_PI42 8753551	7.997611	10.939337	7.683299543	lncRNA	uc012hjk.1	uc012hjk.1
1108	CUST_95132_PI42 8753551	7.586234	10.682045	8.549330224	lncRNA	uc012hjk.1	uc012hjk.1
1109	CUST_95133_PI42 8753551	8.84908	12.104988	9.552696306	lncRNA	uc012hjk.1	uc012hjk.1
1110	CUST_95221_PI42 8753551	8.934361	7.0647206	0.273641718	lncRNA	uc009uim.1	uc009uim.1
1111	CUST_95222_PI42 8753551	9.385228	7.6247773	0.295155944	lncRNA	uc009uim.1	uc009uim.1
1112	CUST_95272_PI42 8753551	8.100901	9.83516	3.327085635	lncRNA	uc029xog.1	uc029xog.1
1113	CUST_95273_PI42 8753551	8.318491	10.165901	3.598535772	lncRNA	uc029xog.1	uc029xog.1