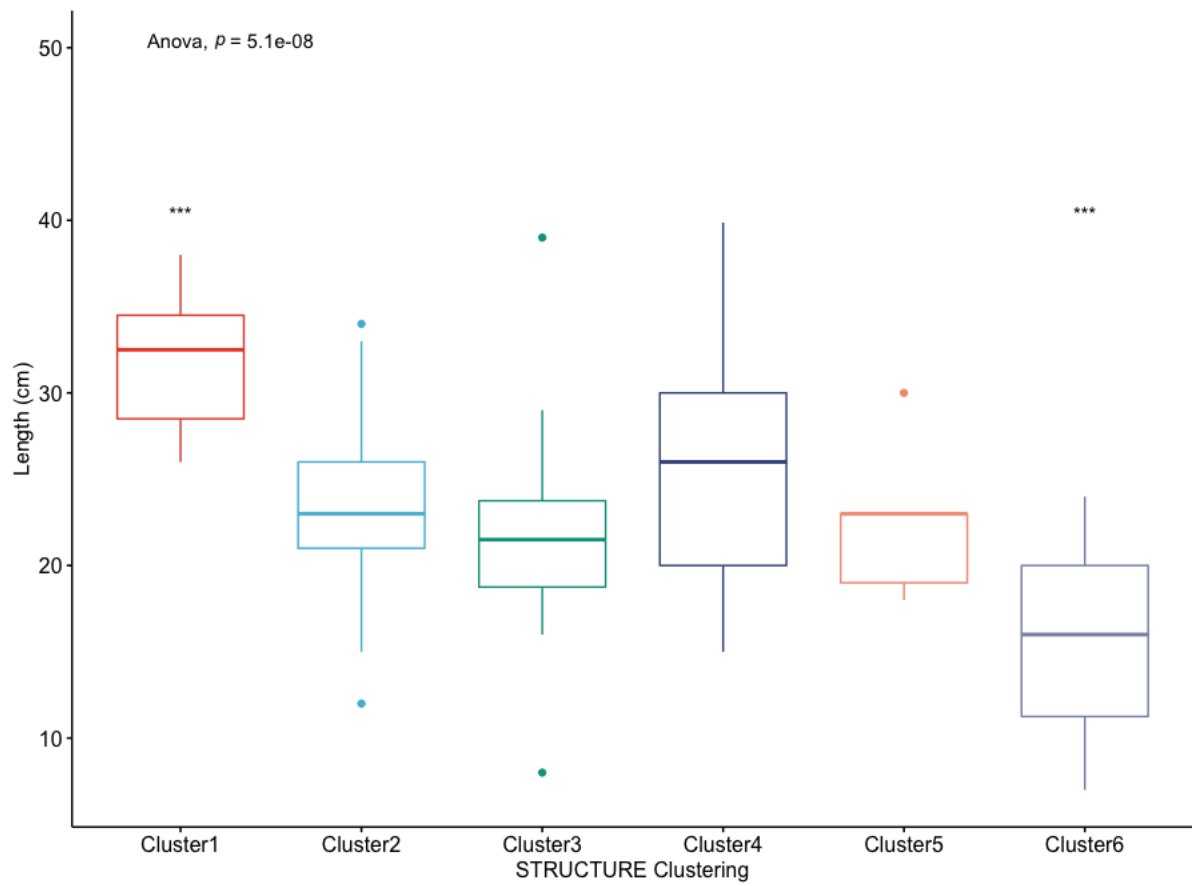


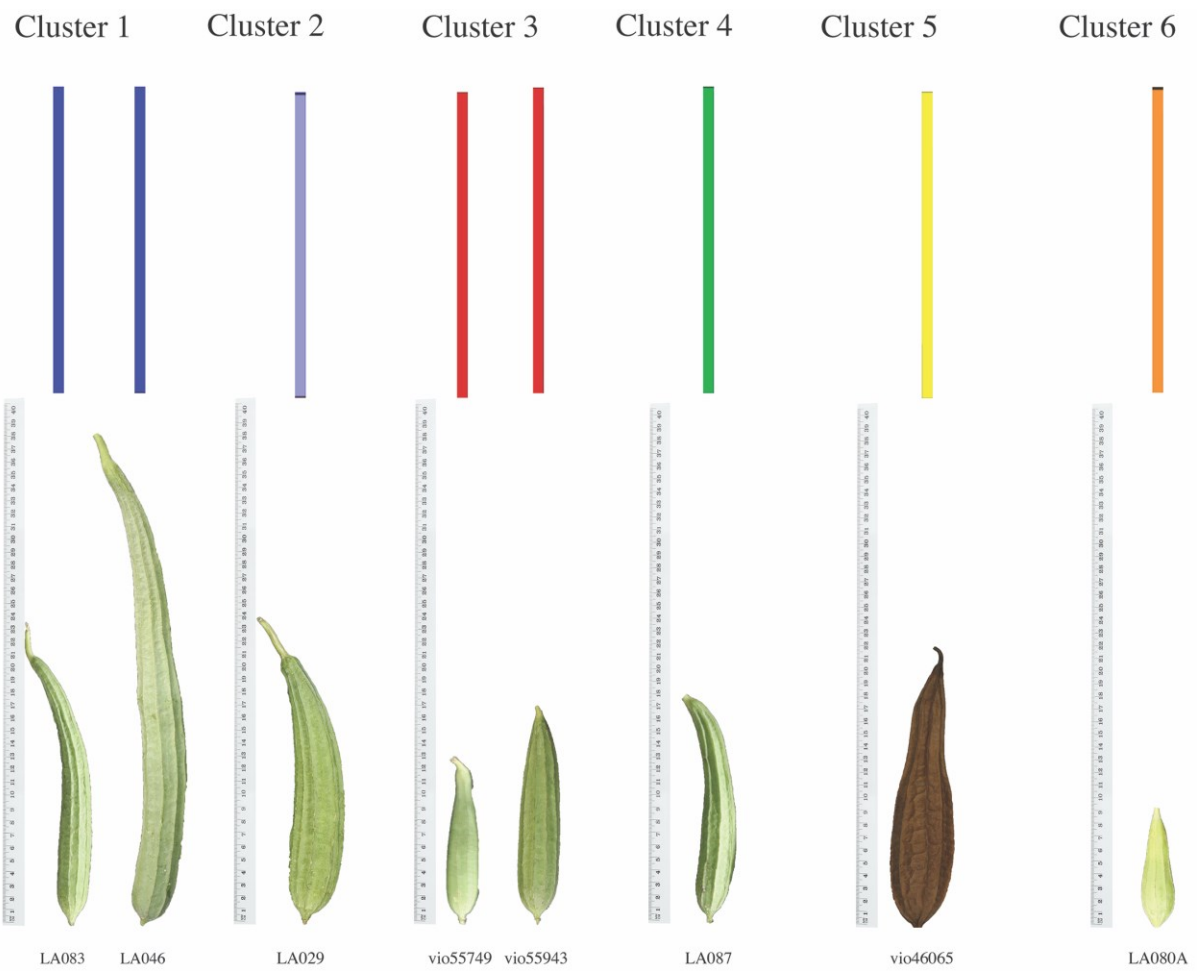
## **Supplementary Information**

### **Genetic diversity and population structure of ridge gourd (*Luffa acutangula*) accessions in a Thailand collection using SNP markers**

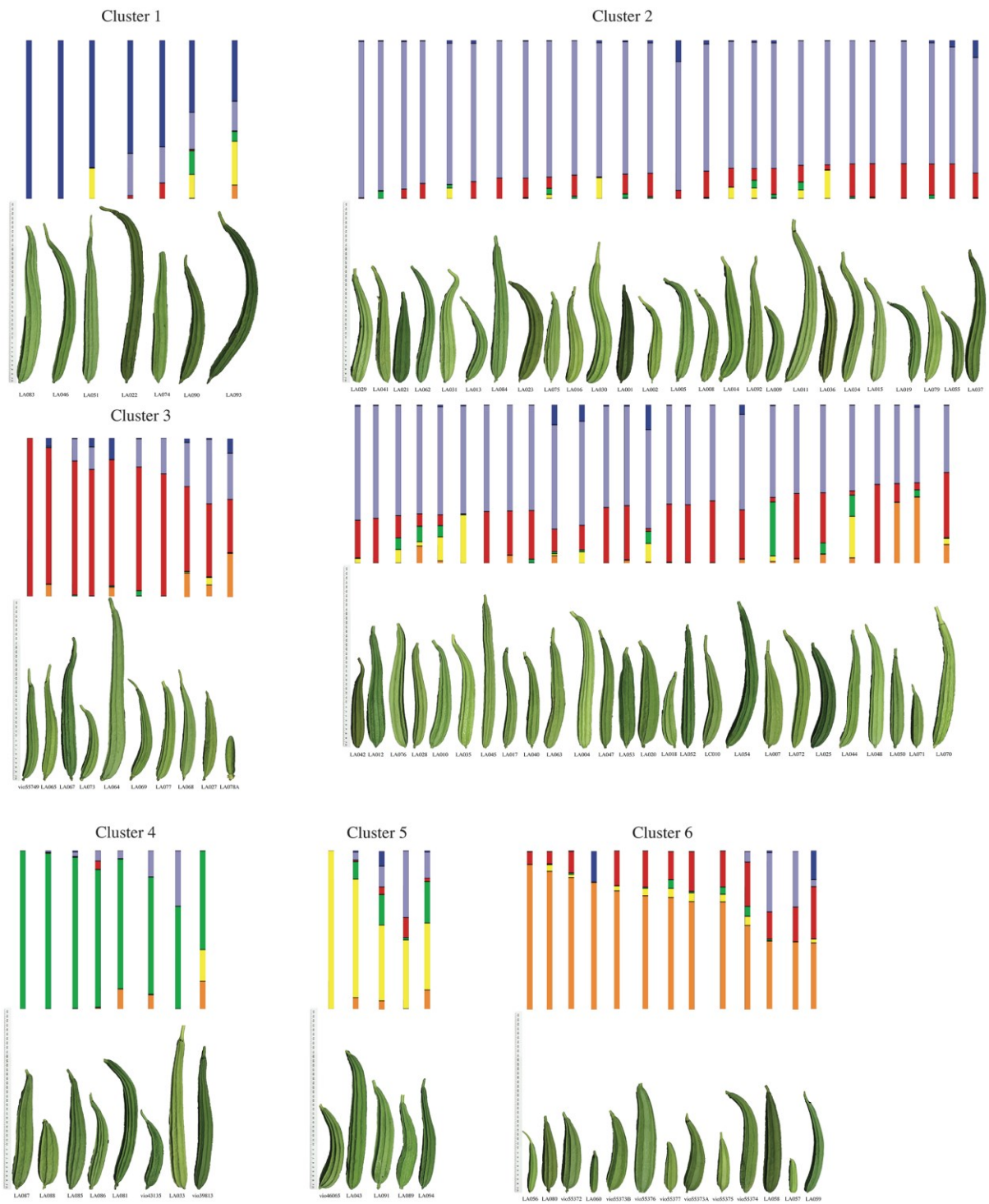
Grimar Abdiel Perez, Pumipat Tongyoo, Julapark Chunwongse, Hans de Jong, Anucha Wongpraneekul,  
Waraporn Sinsathapornpong, & Paweena Chuenwarin



**Supplementary Figure S1.** Box plots of fruit length (cm) by STRUCTURE clustering.



**Supplementary Figure S2.** Fruit shape of *Luffa acutangula* representatives based on STRUCTURE grouping.



**Supplementary Figure S3.** Fruit shape of *Luffa acutangula* accessions based on STRUCTURE grouping.

**Supplementary Table S1.** Passport Data of *L. acutangula* accessions. TVRC Tropical Vegetable Research Center, AVRDC World Vegetable Center.

<b>Accession number</b>	<b>Names</b>	<b>Country</b>	<b>Province/ State</b>	<b>Institute</b>
1	LA001	Thailand	Chaiyaphum	TVRC
2	LA002	Thailand	Loei	TVRC
3	LA003	Thailand	Loei	TVRC
4	LA004	Thailand	Kalasin	TVRC
5	LA005	Thailand	Loei	TVRC
6	LA006	Thailand	Phetchabun	TVRC
7	LA007	Thailand	Pattani	TVRC
8	LA008	Thailand	Narathiwat	TVRC
9	LA009	Thailand	Ayutthaya	TVRC
10	LA010	Thailand	Ayutthaya	TVRC
11	LA011	Thailand	Lop Buri	TVRC
12	LA012	Thailand	Sing Buri	TVRC
13	LA013	Thailand	Sing Buri	TVRC
14	LA014	Thailand	Chai Nat	TVRC
15	LA015	Thailand	Chai Nat	TVRC
16	LA016	Thailand	Chai Nat	TVRC
17	LA017	Thailand	Uthai Thani	TVRC
18	LA018	Thailand	Uthai Thani	TVRC
19	LA019	Thailand	Chai Nat	TVRC
20	LA020	Thailand	Suphan Buri	TVRC
21	LA021	Thailand	Suphan Buri	TVRC
22	LA022	Thailand	Suphan Buri	TVRC
23	LA023	Thailand	Suphan Buri	TVRC
24	LA024	Thailand	Suphan Buri	TVRC
25	LA025	Thailand	Kanchanaburi	TVRC
26	LA026	Thailand	Kanchanaburi	TVRC
27	LA027	Thailand	Kanchanaburi	TVRC
28	LA028	Thailand	Kanchanaburi	TVRC
29	LA029	Thailand	Ratchaburi	TVRC
30	LA030	Thailand	Ratchaburi	TVRC
31	LA031	Thailand	Ratchaburi	TVRC
32	LA032	Thailand	Petchaburi	TVRC
33	LA033	Thailand	Prachuap Khiri Khan	TVRC
34	LA034	Thailand	Chanthaburi	TVRC
35	LA035	Thailand	Chanthaburi	TVRC
36	LA036	Thailand	Chanthaburi	TVRC

37	LA037	Thailand	Chanthaburi	TVRC
38	LA038	Thailand	Chanthaburi	TVRC
39	LA039	Thailand	Tak	TVRC
40	LA040	Thailand	Sukhothai	TVRC
41	LA041	Thailand	Nakhon Nayok	TVRC
42	LA042	Thailand	Prachin Buri	TVRC
43	LA043	Thailand	Chanthaburi	TVRC
44	LA044	Thailand	Chanthaburi	TVRC
45	LA045	Thailand	Chanthaburi	TVRC
46	LA046	Thailand	Nakhon Sawan	TVRC
47	LA047	Thailand	Kamphaeng Phet	TVRC
48	LA048	Thailand	Kamphaeng Phet	TVRC
49	LA049	Thailand	Kamphaeng Phet	TVRC
50	LA050	Thailand	Phitsanulok	TVRC
51	LA051	Thailand	Phitsanulok	TVRC
52	LA052	Thailand	Phitsanulok	TVRC
53	LA053	Thailand	Phitsanulok	TVRC
54	LA054	Thailand	Phitsanulok	TVRC
55	LA055	Thailand	Uttaradit	TVRC
56	LA056	Thailand	Uttaradit	TVRC
57	LA057	Thailand	Uttaradit	TVRC
58	LA058	Thailand	Uttaradit	TVRC
59	LA059	Thailand	Uttaradit	TVRC
60	LA060	Thailand	Uttaradit	TVRC
61	LA061	Thailand	Uttaradit	TVRC
62	LA062	Thailand	Phrae	TVRC
63	LA063	Thailand	Chiang Rai	TVRC
64	LA064	Thailand	Chiang Rai	TVRC
65	LA065	Thailand	Chiang Rai	TVRC
66	LA066	Thailand	Chiang Rai	TVRC
67	LA067	Thailand	Chiang Mai	TVRC
68	LA068	Thailand	Chiang Mai	TVRC
69	LA069	Thailand	Chiang Mai	TVRC
70	LA070	Thailand	Lampang	TVRC
71	LA071	Thailand	Lampang	TVRC
72	LA072	Thailand	Lampang	TVRC
73	LA073	Thailand	Lampang	TVRC
74	LA074	Thailand	Nakhon Sawan	TVRC
75	LA075	Thailand	Phetchabun	TVRC
76	LA076	Thailand	Phetchabun	TVRC
77	LA077	Thailand	Phetchabun	TVRC
78	LA078	Thailand	Loei	TVRC

79	LA078-A	Thailand	Loei	TVRC
80	LA079	Thailand	-	TVRC
81	LA080	Thailand	-	TVRC
82	LA080-A	Thailand	-	TVRC
83	LA081	Thailand	Narathiwat	TVRC
84	LA082	Thailand	Patthalung	TVRC
85	LA083	Thailand	Phichit	TVRC
86	LA084	Thailand	Phichit	TVRC
87	LA085	Vietnam	Ho Chi Minh City	TVRC
88	LA086	Vietnam	Ho Chi Minh City	TVRC
89	LA087	Vietnam	Tay Ninh	TVRC
90	LA088	Vietnam	Lam Dong	TVRC
91	LA089	Thailand		TVRC
92	LA090	China		TVRC
93	LA091	China		TVRC
94	LA092	Thailand	Nonthaburi	TVRC
95	LA093	Thailand	Kanchanaburi	TVRC
96	LA094	China	-	TVRC
97	LA-CM	Thailand	-	East-West Seed International Limited
98	LC010	Thailand	Loei	TVRC
99	VI039813	Philippines	La Union	AVRDC
100	VI039833	Philippines	Nueva Ecija	AVRDC
101	VI043135	Indonesia	-	AVRDC
102	VI046065	United States of America	-	AVRDC
103	VI055372	Bangladesh	Chittagong	AVRDC
104	VI055373A	Bangladesh	Chittagong	AVRDC
105	VI055373B	Bangladesh	Chittagong	AVRDC
106	VI055374	Bangladesh	Chittagong	AVRDC
107	VI055375	Bangladesh	Cox's Bazar	AVRDC
108	VI055376	Bangladesh	Kushtia	AVRDC
109	VI055377	Bangladesh	Nawabganj	AVRDC
110	VI055749	Laos	Savannakhet	AVRDC
111	VI055839	Laos	-	AVRDC
112	VI055943	Laos	Saravane	AVRDC

**Supplementary Table S2.** Descriptive statistics of *Luffa acutangula* fruit length (cm).

<b>STRUCTURE grouping</b>	<b>Count</b>	<b>Mean</b>	<b>Median</b>	<b>Max</b>	<b>Min</b>	<b>Standard Deviation</b>	<b>Variance</b>
Cluster 1	8	31.90	32.50	38.00	26.00	4.26	18.10
Cluster 2	62	23.20	23.00	34.00	12.00	4.44	19.70
Cluster 3	14	22.00	21.50	39.00	8.00	7.47	55.80
Cluster 4	9	26.00	26.00	40.00	15.00	8.40	70.50
Cluster 5	5	22.60	23.00	30.00	18.00	4.72	22.30
Cluster 6	14	15.60	16.00	24.00	7.00	5.60	31.30



**Supplementary Table S3.** One-way ANOVA based on STRUCTURE grouping. \*\*\*P-value < 0.001.

	<b>Df</b>	<b>Sum sq</b>	<b>Mean Sq</b>	<b>F value</b>	<b>P-value</b>
Structure clustering	5	1483	296.52	10.27	5.1e-08***
Residuals	104	3002	28.86		

**Supplementary Table S4.** Tukey HSD based on STRUCTURE grouping with a 95% family-wise confidence level. *Diff* mean difference between two groups, *Lwr* lower endpoint of the interval, *Upr* upper endpoint of the interval, *P adj* p-value after adjustment for the multiple comparisons.

Pairwise comparisons	Diff	Lwr	Upr	P adj
Cluster2–Cluster1	–8.7137097	–14.573774	–2.853645	0.001
Cluster3–Cluster1	–9.875	–16.994895	–2.7551046	0.001
Cluster4–Cluster1	–5.875	–13.454707	1.705	0.224
Cluster5–Cluster1	–9.275	–18.167746	–0.3822535	0.036
Cluster6–Cluster1	–16.2321429	–23.14562	–9.3186653	<0.001
Cluster3–Cluster2	–1.1612903	–6.08082	3.758	0.983
Cluster4–Cluster2	2.839	–2.725536	8.403	0.677
Cluster5–Cluster2	–0.5612903	–7.813173	6.691	1.000
Cluster6–Cluster2	–7.5184332	–12.134171	–2.902695	<0.001
Cluster4–Cluster3	4.000	–2.878472	10.878	0.542
Cluster5–Cluster3	0.600	–7.703153	8.903	1.000
Cluster6–Cluster3	–6.3571429	–12.493721	–0.2205648	0.038
Cluster5–Cluster4	–3.4	–12.100656	5.301	0.866
Cluster6–Cluster4	–10.3571429	–17.021724	–3.6925615	<0.001
Cluster6–Cluster5	–6.9571429	–15.083988	1.170	0.138

**Supplementary Table S5.** Raw DArTseq SNP sequence data used to generate the marker data for 112 accessions.

Organism name: <i>Luffa acutangula</i> (eudicots)	
GenBank assembly accession: GCA_012295215.1	
AlleleID	Sequence
39714580 F 0-32:G>A-32:G>A	TGCAGAGGCGGAGGGCTTTATGCGTCGTGTTGGCGAGATCTTAGTTCAG GTTGATAAGGTGAGGCCTCT
39715258 F 0-35:T>C-35:T>C	TGCAGCAAAGGTTGGATTGAATCACCCTGAAGGGTGCTGAGGGTAATA CAGAATTTTTGGTTTGCTTT
39715420 F 0-48:A>G-48:A>G	TGCAGCACACTGTCCCTCCCGCATTCCCTTCGATACTCCAAAGTGATGAA AGAAAGTTCATGACTCTCT
39729507 F 0-48:G>A-48:G>A	TGCAGTATGAGAAGCATGCAATGTTATTATGAACAATAATGAAAAGCG ACTAAAGATGTATTAC
39718538 F 0-7:A>G-7:A>G	TGCAGTTACAACAGGCTCTCATGTTGATGCAATTCCATTCTCTGGGAAGT ATGATGGAGTTGTTGGGGT
39722527 F 0-59:T>C-59:T>C	TGCAGCATCCACGGCTTCACATCTTCCAGCCTCGCCGCCACGCCGCG GAAGGCGAATCGGACGTTTC
39723188 F 0-16:T>C-16:T>C	TGCAGGACTTCGAGATTGATGAGCTTTCACAAGAGTATCTTGCCCTGCAT CCAGTGGCTTCTACGAAGC
39715517 F 0-65:T>C-65:T>C	TGCAGCAGATCGAGAATCCTGTCATTCTTCTTCTCCATTGCCATAACCAA TGCCTTCTTCACAACTTCA
39718010 F 0-43:A>T-43:A>T	TGCAGTCAACACCAAGGCATTTGTACAACCTCAAAGCCAAAATACGCCA AGGAAATCTATCAGGTTTTTC
39726404 F 0-26:C>T-26:C>T	TGCAGGATCCGAAAATACTGAACTTCTGGAGGGAGCTTTTGAATTTTCC AGCTCGTTTTTTTGCTTTG

39728037 F 0-27:G>A-27:G>A	TGCAGCTTTCTCACCTGGAAGTGTAAGAATGTTATTACATTGATGACCC TAATTTAC
46776489 F 0-19:T>G-19:T>G	TGCAGAAGTAATGTAACCTTTGTATCAATGGTTTAC
39716990 F 0-12:T>A-12:T>A	TGCAGGATGAGATGAAGCTTTTACAGATTGCCAAGGAAGTCGAAAGCGA AATTGTCGGTATGACATAAC
39718036 F 0-68:G>C-68:G>C	TGCAGTCACTAAGTTTTGAGTAGATTGATAAATTCTGCACCAAATATCTT GCTTTTCCTTGTCAAAGCG
39715910 F 0-40:A>C-40:A>C	TGCAGCCATTGCCGTCGCTGGTTTTGGTGGTGGCGATGGGAGGAAGAGG AGGACGATTGGGATTTGGGA
39723455 F 0-49:C>T-49:C>T	TGCAGGGAGTATCAGTAAACCAAGGATCGATGGTTATCTCGAATATATA CTGTATGTTGTTTCTGTATT
39728405 F 0-30:T>C-30:T>C	TGCAGTTC AATTT CAGGTAGCAAGGAAGCATGCCATACTTTTCAATTTG CTATTCATAAAAATTTCTCC
39715824 F 0-16:T>C-16:T>C	TGCAGCCAAGGCTGGATTATTGCCACCACCAGAGGATTTGCAGGTAAT ATAGTACTCGGGGACATCAT
39724599 F 0-22:C>A-22:C>A	TGCAGAAAAGTGGATGATTGACGCATTAC
39714498 F 0-24:C>T-24:C>T	TGCAGAGCATCTCTGTCTTCTTGCCGAAGCCGAATGGGGTTTGTTCGAG AATCGCGAAGGGATCGAGG
39719813 F 0-32:T>G-32:T>G	TGCAGATTTATCTCTGAAGTAAGTCTTTTAGCTAGAGTTGACTTATGGAT CTTAC
39720743 F 0-18:C>A-18:C>A	TGCAGTGCTTGCCCTCCACGACTTGCAACTTAC
39717990 F 0-60:T>A-60:T>A	TGCAGTATTTGGTTGGATCACTGGCCTTTGTTCTGCTTCCCATGTTGTTGG AAATTTGCTTGACGGTT
39715904 F 0-39:T>A-39:T>A	TGCAGCCATGTAAATAGAATCTTATTGTAATTCCTAAAATGAAAAATAAT AGGAACAAAGCAATAAGCG
39716267 F 0-64:T>A-64:T>A	TGCAGCTAGAAGAAGAGGGCTATTTATAGATAACGAGAGGCATTCAAAG GACTAAAATACTCCTTGGGA
39717816 F 0-50:A>T-50:A>T	TGCAGTACAACCAAAGAGATACATGACTATTTCAATCAGCCAATTTGCT ATTCTCTTCTCCATAAA
39721535 F 0-30:A>G-30:A>G	TGCAGAATTTCTATCCTCGGCTGTAGCTTCAAAGCCCACTGAGAACAAA AGCTTTGGCTTTGACTTTGC
39720233 F 0-27:G>A-27:G>A	TGCAGCTTGAAAAGCCTATAACGGCGGGGCTTGTGCTGGTTAC
46753974 F 0-33:A>G-33:A>G	TGCAGAAGTCGCTTCTGTTGTAGTAGCAACTTCAACAGAGCAAGGCTCA TTGTTTTCTTCACTCTCCGA
39720809 F 0-6:T>C-6:T>C	TGCAGTTATCAACTAAATGCAGCTACCTACACTAACCATAGCATCAACTC TATGCAATTAC
39714301 F 0-37:T>C-37:T>C	TGCAGACTGGGCATATTTGATTGCCATGTTTTACATTTGACACGACGCAG TGAAAATGGAAGGAATGTG
39715521 F 0-21:A>G-21:A>G	TGCAGCAGATGCAATTCCTCGAAACACGTTATTGAAATCGCCCAATTTG TGCTGATAGGTATTGGAGC
39716415 F 0-25:T>C-25:T>C	TGCAGCTGCAAGCACATATTCTTTTTCTCGCTCAAAAATCCACCTCCCC ACTGAACCATTTCTCCTTT
39714868 F 0-43:T>C-43:T>C	TGCAGATCAGTCACCGTAGCCACAGCAACACCAACAGATACCATTACAA GTGCTAGGACCTTGGCGACA
39724040 F 0-52:G>A-52:G>A	TGCAGTGACAACTAAGGAAAGAAAGTAAGAAAGGAGCACACTTGTAT CTTTGGCAGATAGCTCAAAAT
39717341 F 0-25:T>C-25:T>C	TGCAGGGGATGTCGAAGCCAGTTTATTGCTGAATATCACCGCCCTGTG CAGCTGAGAATAGACGGCC
39717518 F 0-16:T>A-16:T>A	TGCAGGTGAAGCTTGGTTGGATTCAATCAAGTAATGTCAAATCCAAACAT GTACTGTGTTAGCTTACTG
39725117 F 0-28:A>G-28:A>G	TGCAGGCGGTTCCCTTTCCCAAAATGTCATTAC
39718075 F 0-67:C>T-67:C>T	TGCAGTCCAAATCCAAGTTGATAAGCTGCACTTCTTTCTACGAACCTTC CCCATGTGTCCACCTGCT

39722225 F 0-32:T>C-32:T>C	TGCAGCAAAACATTGGATGTTCCAACCTCAAATTTACATGCCTATGTCAA GCCACCCTCACATGAAGGT
39723524 F 0-59:T>C-59:T>C	TGCAGGGTGGGTGATGGACCTATAGCAGGATCTTCAGCATATGCAGATA GTGATATCGGTGCGTGTGGA
39724941 F 0-35:A>T-35:A>T	TGCAGCCAAACGGGCGAGAAGCTGATGGTATGCACTATTAC
39717502 F 0-12:C>T-12:C>T	TGCAGGTCCCCGTCATCAGACTCGCCACAGTTAGCAACAACAAGTGCT GAATTAGGCCCGAGAATGTT
39726307 F 0-68:G>A-68:G>A	TGCAGCTGGTCTAGGATTTCTCAAGTAGGTTGTCCTGACTATTGAATCTT GGGCTGCTTTCTTTTAGAG
39723642 F 0-62:C>T-62:C>T	TGCAGGTGTAAGTGCAGGATTGGTGGTCTGTTGGAGTAATTTCTTTTGAGA TGCTTGTGGAGCACCCCC
39725502 F 0-55:A>C-55:A>C	TGCAGAAAAGTTAGCACCCACGGAATCTTTAGTCTAGTAGAAACAACTC AAGATAAAACAGTCATTTAC
39724652 F 0-46:C>T-46:C>T	TGCAGAAGTCACTAAGAGATTCAAAGATTGCTGATAATATTTCAATCGA TCAACTTAC
39720426 F 0-8:T>G-8:T>G	TGCAGGCTTTTGATCTTGGAGGGATTTTGAAAGTGACACTCTTAC
39722853 F 0-9:T>C-9:T>C	TGCAGCTACTGGGAGCAGTTAGTTGTAGCGTGCCTATCGATGTACTATC AACATTTTACATATAAGTT
39728556 F 0-25:C>G-25:C>G	TGCAGCACGGCGTCACCGGGGGCTTCCCGATGGTAACGTCGACGAGGCC GCCGAGCAGCTTGGCGCAGA
39714405 F 0-51:A>G-51:A>G	TGCAGAGAGAAGAACAATGGAGACACCGTGCTACACCGCGCCCTCAGA GACAACCACTTTGGTGAGCTT
39723643 F 0-42:A>G-42:A>G	TGCAGGTGTCTCTGATGTACAAACTGAAACTGCTACATGTCTAGATCCTG ACCAGTTCACAAATTTTTT
39716903 F 0-12:T>C-12:T>C	TGCAGGAGCAATCCAATTTGGTGGGAGACTTACTTTTACTCCAATTTTAT TTATATTTCTTTTGGTTTA
39717813 F 0-54:C>T-54:C>T	TGCAGTACAAACCTAAATTCGATGCGTTGCATGTAGAATTGAAGGAAGC TGAAGCGAAATCCCTAAAGG
39713403 F 0-54:T>C-54:T>C	TGCAGAAAATCACAGATCACATTCTTGCAGCCTATGTAAGAAATAATA ATAATTGTTTCGATCTTTCAG
39722434 F 0-52:C>T-52:C>T	TGCAGCAGCATTGTATTGGTAAACCCATTGACTAGATAATGAAATACA ACACCATTAGGTGTGCACCT
39724838 F 0-42:C>T-42:C>T	TGCAGATTCAGCCCTAATACAATATCAGAACACCCCCACAATCGTTCTTC CCAAATTAC
39727666 F 0-26:A>G-26:A>G	TGCAGGAACCAGGTATCTTATCGACAAATTCTGCTGTTGAAGTAAACTCC GAAAATACACCACCAAAAG
39723197 F 0-44:C>T-44:C>T	TGCAGGAGAATCGCCGGTGCATCAACTGCAACAGCCTGGTACACCATTA CTACCGTTCTCGCTGATATC
39718625 F 0-39:T>G-39:T>G	TGCAGTTCATCTACTCATAATGCGGATGCTTTTTCAGCTTTCACATGCTGCT TTTAGGCTTCATTGTGTG
39714155 F 0-11:G>T-11:G>T	TGCAGACAGAGGGATGTCCTCAACCTGCCCAAGGAACCAGTGTCAGAGG AGCTTTTTTACAAGTGTGAG
39715669 F 0-42:C>G-42:C>G	TGCAGCATATATAAAAGACTTCCAAAAAAGGTTTCTTACACACTCTACTT TTGGAAATGCTTTCATTGG
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39719954 F 0-6:A>C-6:A>C	TGCAGCAGCCGCCCGCCGCGGATCATGGAGTAAAAATCCGTGTGATTA C
39717492 F 0-56:T>C-56:T>C	TGCAGGTCACTTATTTATCGGCTCAAAGAAGTTGATCTCAAAGCGATGA AACACGATGAAAAGCTCGCG
39713563 F 0-15:A>G-15:A>G	TGCAGAAAGGTGGGGAGATGTGGTGGCTGTAAGAGAGGAGATGAAGAT GAAAGGGATTGAAAACAAAGC
39713274 F 0-28:C>T-28:C>T	TGCAGCAATAAGATATAATAAGAACGAACAACAATGAATGAAATAAA AATATAAATGAATAGCTGATA
39724339 F 0-51:C>T-51:C>T	TGCAGTTGCTCTAACTATAGAATCAGAATTGTGAGTAGACTTCATCGTCA ACGAGTTCTTGGAAAGTGT

39714965 F 0-10:A>C-10:A>C	TGCAGATGATACTTGCTGATGGGCACAAAATTCCAACAATCTCATTCTTCTTTCTCCCTTGGCAGCA
39721026 F 0-45:T>C-45:T>C	TGCAGTCATTTCAGCAGCATCTGGTTCATCCAAATCCAGAGATTTGTGAGAAGAAGTGACTGTACGTACC
39718286 F 0-17:G>T-17:G>T	TGCAGTGAGCTTTTGACGGGTGTTGTTCCATATACTGATCTTCGTAAGGACAGGTCAGATATGTT
39720444 F 0-33:C>T-33:C>T	TGCAGGGCAGATAAAAATAAACATAATGATTGAACCTTAC
39717779 F 0-27:A>G-27:A>G	TGCAGTAAGTACCAACACATTCAGTCAATGTGGCTTATTATTTCTATCATTCATCTTTATTCTGTTGCT
39716801 F 0-56:C>A-56:C>A	TGCAGGAATACGTGGATCATTTCATCAACTCTCTACAAATTTTACGTACTAGGTGAACAGATTTTTTATG
39716273 F 0-13:G>A-13:G>A	TGCAGCTAGCACCGTAAGGCCACCACCTGAAAAGATAGGCGGCATTTTTCTGAAAAGCTTTTCATAGTGAG
39720810 F 0-36:T>C-36:T>C	TGCAGTTATCATCTCCGCATGGTTTAGAGGCATTCGTGTTTCGATCTGATTGTCAGTTTAC
39716222 F 0-5:C>T-5:C>T	TGCAGCGTTGTTTCTTCATATCAGTAGCTAATGATTCTCTCTTTTGTAGATCAAGTGTCACAATGTGAT
39716568 F 0-7:T>G-7:T>G	TGCAGCTTCCGCCGGGCTTCCGATTTACCCACCGACGAGGAGTTAGTGTTTCACTATCTACAAGAA
39717344 F 0-9:A>T-9:A>T	TGCAGGGGCAATAGATTGTGCATGTGCACTTCATATGCCCTCAACTAGCATATGAAGCAATATCAAGTGG
39728011 F 0-42:A>G-42:A>G	TGCAGCAGTTGGCCCAATATATGGACCTTTCACCAGCAAAAATATTCTTTAC
39715790 F 0-34:T>C-34:T>C	TGCAGCATTGGATCTGTCTTCGAATAGATTTTATGGGCCGATCCCGGAGCGGATCAATGATCTTTACA
39719730 F 0-8:C>T-8:C>T	TGCAGATCCCCCATGGGAGAATTAC
39721190 F 0-68:C>T-68:C>T	TGCAGAACTGTTCATTACATTATGGGACCCTGAGCAGAACATCCTCGTTGCTGTAATTGGAGAGACTCC
39719744 F 0-22:A>G-22:A>G	TGCAGATGAACTGCATGCACTGACTCTTGGGAGAAGCATTGTTAC
39719458 F 0-46:T>A-46:T>A	TGCAGAATCGTACAGTGAATTTTCTCAACTGAATACCTAAAACCGTGAAGACGGTTAC
39729134 F 0-31:C>T-31:C>T	TGCAGAACTTGAAGAGGATCTACAGACGTTTCGGAATGAAAATAAAACAGCACGAGGACAACATTACAG
39715215 F 0-26:C>T-26:C>T	TGCAGATTTTTGTACACACCTGTCCCAAGTTGAGATTTATTATAACATGATGGAGGAGATTCTTCTG
39729371 F 0-10:G>C-10:G>C	TGCAGCTCAAGAAAGAGTTTTATTGCTTCTTCACTCGATCCCTCATTTGAGTAACCTGTCAATTAC
39717367 F 0-34:G>T-34:G>T	TGCAGGGTAAATCAGTTGAGGTTTCGACAAGCTGCGGGCCTGCTTCTGAAACAACCTTAGAACTGCAT
39718697 F 0-27:A>C-27:A>C	TGCAGTTCTTTTAGTCATAGTCATTCTAGCTCTTCTTTTTTCATCTCTGGTCTTCTTACCTGCTTGT
39716551 F 0-32:T>C-32:T>C	TGCAGCTTCAGTAACTCTAACATGAGCCTGAATGTCCTCATCTGATATTTCAACTTCAGTAATAGGAGC
39721409 F 0-53:C>G-53:C>G	TGCAGAAGGGCATTGGAATTATCCACTCCATGTGGATGAATGGTGAGGTCGACCCTAATGAGTTCACT
39718167 F 0-55:T>G-55:T>G	TGCAGTCTCCCAAAGGAGATGTAAGTTATTTGCAGAAGTTCTTTCTAATGTACGTTGGAGGTAGGCAAC
39717545 F 0-58:C>T-58:C>T	TGCAGGTGCTCGGAAATGCGAAGGCGGCGGTGGCCCGCGTCGTGTCGATCTGATTTTCAGGAATCCGG
39724156 F 0-51:G>A-51:G>A	TGCAGTGTCCAAAGGATGCACATCAAAGATGGCGAGTTTCGCTCTTCCCCTGCTGTGGTGTCTGCTA
39728142 F 0-65:T>C-65:T>C	TGCAGAACACCTCCCGTCTTTTGCTCTGCAAGATGACAGTATTGTTGAGATACAGGGGGAATCTGTTGC
39720147 F 0-15:C>A-15:C>A	TGCAGCTCAAAATAGCATCTTGATTAC

39727768 F 0-33:A>G-33:A>G	TGCAGGTTACAGTGTACTCTTGC GAAGCTTTTTATCGCGCTTCTTCATCCG TCTATCCATCTCACTCTG
39721829 F 0-29:T>C-29:T>C	TGCAGAGCTTGCCAGTGTACAAATTCTTCTTGTGATCGCATTATTTATA ATTGGCCTTTTTTAC
39724096 F 0-12:A>C-12:A>C	TGCAGTGCTTCTAAAAAAGTTTGCTGGTGAAGAAGGAGAGAGGGTTGAC GTGCAAAAATTGTTTGGATA
39713430 F 0-19:A>T-19:A>T	TGCAGAAAAGATCCCACCACCTTCATCTTCCCGATTATCGTCCCAGTCA AAAACTCTTGATTCTCCAA
39716313 F 0-51:G>T-51:G>T	TGCAGCTCAATTGTTTCAGATTTTCGCACCAGATTCCCTTCGTTTCCACTCAC GGGTGACGAAAGAGATGA
39713334 F 0-67:T>C-67:T>C	TGCAGCTACAGCAAGCTGTTTCCCTCACGATCTCAACCACCTTATCCACGG TCTCTGGTTTAGCCTGTTC
39725034 F 0-46:A>T-46:A>T	TGCAGCTTGAAAGGCTTCAAAGTCTTCCATCCACTGCATCCACAATACCT TTCTTAC
39717197 F 0-19:G>T-19:G>T	TGCAGGCTGCAACTCCTCCGCTTGTTTTTCATTTGAATTGTTGTATCTATTG TTTTCGTTTCGTGTCGATT
39719686 F 0-26:G>A-26:G>A	TGCAGATACCAGAATTTGGGTTGTCAGGATATTTTTCTTACTACAGTAA GCTTAC
39729378 F 0-25:A>C-25:A>C	TGCAGAATAAAATATGCAATAGATTATTATCTATACCAAACCTACAAGAA ATACTAGATGATTAC
39726956 F 0-5:A>C-5:A>C	TGCAGAAGAAGAACGAACACAAAAACAACAAATTAC
39713969 F 0-38:T>C-38:T>C	TGCAGAATACCTAAAATTGAAATCGGAAGCAATTCAAGTAAGATCGAGT CGAATTGCTGCTGAGAAAAT
39725745 F 0-67:C>A-67:C>A	TGCAGAGCAGAACAGCATAGATATGCTCCAATCCATTGTCCAATGTGGT GGAGACGTAACACTGTGCGG
39718614 F 0-51:A>C-51:A>C	TGCAGTTACATGGGCTAGATGGTTATTTCTATTTCTACTTTGTCCCTAT ATGCTTGAATATAGTCAT
39713918 F 0-56:G>T-56:G>T	TGCAGAAGTACAATGAAAAAGAGGGTAAATATTATTACAATTACA AATTCTTTCAAGTACAATTTCAA
39717412 F 0-60:T>C-60:T>C	TGCAGGGTTTGCAGGGTTTGCACGTGCTGGGTCTGAATGTTCTTATAACT ACTAAATTGCTTGGATTTT
39722465 F 0-23:G>A-23:G>A	TGCAGCAGGCAACTCTGACATTGGTACAAGTTCAAATTCACAATTGGTTA CTTCTGGAACCTTGTCTCC
39720542 F 0-24:T>A-24:T>A	TGCAGGTTGGTCTCCTTAGTGCATTCATAATTAC
46757789 F 0-68:A>G-68:A>G	TGCAGTTTTACTAGACTGATATATATAAATTATTAGAAATATAATTATAA GTTATGTTGTGTTGTATCA
39719703 F 0-10:C>T-10:C>T	TGCAGATATGCGTATGCATCTTGTGTGATAAATATGTTTTCCAGGATTAC
39714857 F 0-14:G>C-14:G>C	TGCAGATCAATGTCGGTCTTCAATAGTAGTATATTAGCCTTTCTCTGAT AATTCTGTCCAAGCAAACCT
39715423 F 0-12:G>T-12:G>T	TGCAGCACAGGCGGCCAAACAACCTCCTACCATCATGATAGCAACATGCA TAACTCAATAAACTAGTATT
39726341 F 0-24:C>T-24:C>T	TGCAGCTTTTCATGAAGAAGCAATCAGATTCAAATCATAATGCTTACTCT AAGATTTCCCACTCCAGAA
39719856 F 0-9:A>G-9:A>G	TGCAGCAACAAACAGAAAAGAAAAGGCTTAC
39720903 F 0-18:G>A-18:G>A	TGCAGTTTGCAGTGAAAAGGAGAATGCCCATCAATTGCCAACTTTTTTAC
39721507 F 0-47:C>T-47:C>T	TGCAGAATGGCTGTAGCCCATCACTGGGAAGATTGGATTTATGGAATCT ACAGGTGTAGAACCTCCAGG
39714510 F 0-14:T>G-14:T>G	TGCAGAGCCCCATTTCACTTATGAAAGTTATTGGATCACAATTCATGTTT ACAATGTCTGATTCTTTC
39716283 F 0-65:C>T-65:C>T	TGCAGCTATAGTTGATTGGAAATAATTATGCAAATATGTCGTGAAAATAT TATGTTTCGTTTCAATCTTC
39714416 F 0-59:C>T-59:C>T	TGCAGAGAGAGATGAGAAGCCCATGCAATCTCTTGCTTAGAGTTGTCTC AGAATCAATCCGTAGAATC

39727793 F 0-35:T>A-35:T>A	TGCAGTAGCTGGGTTTTCGAGGTCTCAGGGGAAGATTCCCCTCTGTTTCG GGGCTACGGATCTCGTGTG
39718761 F 0-64:C>T-64:C>T	TGCAGTTGCTGAAATATGTTCTGATTTTGATCCCACAATGAATATCGAGC CATCCCTTTTGAAGCTATT
39723184 F 0-66:A>G-66:A>G	TGCAGGACCTTCATCTCCTCAGGCTACCACCTTCTTGATTCCGACATAA ATGCTACCTTTACCAAATT
39725053 F 0-6:G>A-6:G>A	TGCAGGGAACCTGGTTTAGCCTCTTTAC
39718143 F 0-15:C>G-15:C>G	TGCAGTCGTTCTTTTCTGGGTGGGTTCCCTATTTCTTTTGTATCTATGCCTG CATAGCAGATTCTATGGC
39714364 F 0-5:A>G-5:A>G	TGCAGAGAAGTTGCAAAGGATCTCAATGCAACCTGCGTTATTGGTAATC AAGAGGATAAAAGAATTTGG
39713649 F 0-35:A>G-35:A>G	TGCAGAACAACATGTTGCCTAACAAAAATAGAACAAATGAATATGAATA CACATACCTGCATATGCAGA
39716809 F 0-37:T>C-37:T>C	TGCAGGAATCATTCCATGCGTTTTTCTGATTGTTGGTTTGTGGTTCGTTCC GGAGTCTCCTCGATGGCT
39718311 F 0-39:G>A-39:G>A	TGCAGTGATGCCGGGACAATAGACCATGTGACAGGATTCGAGCATGGTG CATCTCTTCACTAAATGCAT
39726542 F 0-9:T>A-9:T>A	TGCAGGTGGTCATGCCAAAACAGTAATGTTTGCACATGTAAGTCCAGAA GAAGATTCTTTCAGTGAGAC
39716251 F 0-44:T>A-44:T>A	TGCAGCTACACCTCGGTCCCCAACATAGCAACCCTAGAAAATATTAGAG TTGAATAAGTACTTCTCAGA
39716988 F 0-6:T>A-6:T>A	TGCAGGTTGAAATCTAATAAATCACCATAACAAGCAAATTCTACTAGGAT ATAAATCAAAAGGCATGCTC
39718947 F 0-16:A>G-16:A>G	TGCAGTTTTTCATTTCATACACTTGTAATAATGTTGTAGCAGGTTTCATCAGCT GATCTCAGTTGTATTTGTA
46769502 F 0-64:A>G-64:A>G	TGCAGGGAATTGTTCCAGACAGCTTGGGAGAAGTTGAAGATCTTCATCT ATTGTAAGCGAGCTCATACC
39714973 F 0-58:T>C-58:T>C	TGCAGATGATGGCGGCGGAGGACAAGAAGAGGGTGGTGGTAGTAGGCG GAGGAATTGGTGGCGCTTTTG
39724308 F 0-30:T>A-30:T>A	TGCAGTTGACATGAAAAGCAACCGCTATAATACAAGAAAATTGGCATT TAAGTAACATCCACAGAAAA
39719865 F 0-9:G>T-9:G>T	TGCAGCAACGGGTTCTTTTTCACTCTGATGCTTCTAGGGCTTAC
39714359 F 0-63:C>T-63:C>T	TGCAGAGAAGCCTGATGTGATGGAACTGAAACAAATGTTGGCGAGCCT GAAAGGAGTGATTCCGATGA
39716200 F 0-39:C>T-39:C>T	TGCAGCGTATGCCATTGAAAGGGTAGCAGATCCTGCTCCCGCCTTTGCTT CCACAACCTTCGGTTCCTCCG
39713741 F 0-37:C>T-37:C>T	TGCAGAACCTTGCAACGTGAACTTGTGAGAGATTTACGCGAGGTATTTCA ATTAGTTATATCTTTCTCTT
39722858 F 0-26:A>T-26:A>T	TGCAGCTACGGCGGCAAGATCCTCCACGTTATCCCGACGGCAAACCTCC GTTACCACGGTGGCGAAACC
39720106 F 0-23:T>C-23:T>C	TGCAGCGGGATTTGCAGGTCTGCTGAGAGGATTAC
39714631 F 0-32:C>T-32:C>T	TGCAGAGGTTTTGGTGGTATTGGAGGAATTCTCCGTTACCAGCTTGACAT GAGGTCGTTTGATGAACTA
39718108 F 0-33:G>A-33:G>A	TGCAGTCCTACTCCAAGCGATTTTATGTCAGTTGCAATACTTGTGATGGT TTTTGAAGATGAGCAAGAA
39718685 F 0-23:G>A-23:G>A	TGCAGTTCTGTTTTGTGCAACATGAATAACAACATTTGGGTTTGAACCTAG GTACAGTTTCTCCATGACT
39724582 F 0-53:T>G-53:T>G	TGCAGAAACACCTGCTTGTGAAGTCCATCCATAGTTTCATGGATCTATT TTTTATTAC
46755244 F 0-42:T>C-42:T>C	TGCAGCAGGCAAGATGCAGTTTTTTTGTCAAGACTTCAAATCTTTTTTTA GGTACAGACAGAACATATG
39717314 F 0-58:C>A-58:C>A	TGCAGGGCGACTTTATGAAAATGCCGTTTGAAGATAATTCATTTGATGCA ATATATGCCATTGAAGCCA
39724024 F 0-36:G>A-36:G>A	TGCAGTGAAGCCCATCAAGATGGAGCAGATCATAGGTTCTAGGATAT GTTGAAAATGCCTCACACCT

39718876 F 0-67:G>A-67:G>A	TGCAGTTTCGATTCAGAAAGACCTTCTACTTCATGTGTGGAGATGTTGG ACAGGTTCTGAATATTACGC
39718709 F 0-54:G>A-54:G>A	TGCAGTTGAAGAGTGTTCCTTGGCCAAGCTCCATAAGCAGGTTGGAAG CACTGCTTCTATCACCCAG
39713351 F 0-14:A>G-14:A>G	TGCAGGATGAGAGAATTGTTGCTTTTCAAGATATAAACCCCTCTGCTGTC AGGTATTTGAAACCTCTAA
39714266 F 0-17:T>A-17:T>A	TGCAGACTAGCTTCTCCTAACCCAAGGACTTACATAGGATCTGGGAAAG TTGCAGAAATCAAGAGTGCA
39717246 F 0-40:A>G-40:A>G	TGCAGGGAAATTATTATCCAATGCCTTCTTTAGCATTACATAAAGGATCC AATGGTCAAAGGTTCTCTG
39717992 F 0-27:A>G-27:A>G	TGCAGTATTTTGAAGGGTATGGTTATCATGGAACATCATTTGAGCAAAG ATATCAATGCTTCTCTGCAT
39727037 F 0-30:G>A-30:G>A	TGCAGATGTCCTGACAATTGCTGTAAGTCAGTGAATAGTAGTACCTATTT TGTTAC
46757663 F 0-34:T>C-34:T>C	TGCAGTTGGGGAGGAGAAAGAGTATACAAACCCCTAAGTATACTTGCTT GACCATGTCTCGTAGCTAC
39723839 F 0-50:C>T-50:C>T	TGCAGTAGTCCTATTTTCCTTTTGTTCCTTTTACTAATTATTCCTTTTGACG CGTGAAACAGGTCCAG
39725634 F 0-18:G>A-18:G>A	TGCAGAATTCGTCATAAGGACCCTAGATAGCTTCACGCAACCAAGCATC CAAATTAGTTAGCCTGTCTC
39714169 F 0-5:T>A-5:T>A	TGCAGTCATATACTAAGGATGGGGGCCTGGGGCTAGCCGATCATCAACA CTCCTCAAGATGGGGTTAGA
39716107 F 0-21:G>T-21:G>T	TGCAGCGACACCAAGAAACAAGGTTGGGATGTGTTATAAAGAGTTCAGAT ATTTGATTTATAGTGTTTGT
46762664 F 0-38:A>T-38:A>T	TGCAGAATTGGACGTGGAAGCGAATCGAGCCGAATAGAAGACATCCTAT TCTTTATGAGCACATCCATG
39717735 F 0-38:A>G-38:A>G	TGCAGTAAACAAACGGTCAGATTTTCTTCTTATTTACATAAAGAGTAATT TCAATTAGAGCTTGTCCGT
39719415 F 0-15:A>G-15:A>G	TGCAGAAGGAGGTGAACATACTGGTGTTAC
39714355 F 0-47:G>A-47:G>A	TGCAGAGAAGAAACGGTATGAAGGACACAGGACAATCTAACCAAAGG AATTTTCATCAAACATGGATGT
39714794 F 0-56:T>C-56:T>C	TGCAGATAGGTTGTGGCATAGCATATTTGGGGGGTTCGAATTGTAGTATT CTATACTACCTTTTAGGTT
39725050 F 0-6:A>C-6:A>C	TGCAGGAAAGTAAGGAATTCGATGCCTTGAAAGTCTTTTAC
39720450 F 0-30:T>C-30:T>C	TGCAGGGGAATCTGGAGCCCTGACATCAAATCTTCCACTATTAC
39719472 F 0-29:G>A-29:G>A	TGCAGAATGTTTGGAGCAAATTGATATGATGATTATGTCTTCGAAATTGAA ATTCTTAC
39726075 F 0-67:G>A-67:G>A	TGCAGCATACTGTGTAGTTGCAACTGAATCAGCTGGAAGACAAGTGCCT ATTGCATTTTGGAGCGTGT
39716732 F 0-9:T>G-9:T>G	TGCAGGAAATGTTGTAAACCTTCCAACACTTGAGATTTGGAGCACATTCT GCATCAATCAAATCTAA
39717313 F 0-51:G>T-51:G>T	TGCAGGGCCTTTCCATTTCCTAATGGGAAATTCTCTGTAGAACAAAGAACT CGCACCACATCAGCCATGA
39722735 F 0-8:G>T-8:G>T	TGCAGCCTGATTGATCACTTGGCCAAATAAAGTGGGTCCACCCAATGAA ACATTGTGAAGAGCATTTC
46764988 F 0-40:A>G-40:A>G	TGCAGTCATATACAGCAAAGCTATCGGACTTCGGTTTGGCAAATTTGGG TCCTTCAGAAAGTAAATCTC
39717846 F 0-38:C>T-38:C>T	TGCAGTACGTCTGGTGCTTGATTTGCAACGTATCCCCGCAGCTCCGGTTC GACTCTCTCAAATCAAAAA
39721036 F 0-57:C>T-57:C>T	TGCAGCTGCACCGCTACTCGTATTCCTTGGCGTAACTGGAATATCCTACT TATCATTTCCGTTGAGTAA
39721711 F 0-66:G>A-66:G>A	TGCAGAGAAGCCTGAATGCACTATGGTACCAAAGAGCTTGTACTCTGGA CGTGGATCCTGCATCATGAT
39717891 F 0-46:T>A-46:T>A	TGCAGTAGCATCTGATAATAAAGTTACGACGGGCAAAAATGAACCTTCT CGAAGAGTTGAGGAGGATGT



39718091 F 0-15:A>G-15:A>G	TGCAGTCCATGCAGCATGGAGATCCATCTGGAATTGGTTACGTTTATGCTTTCACTATATTTGCAGGAG
39729451 F 0-47:G>T-47:G>T	TGCAGGTCATCAAACCAAAGTGCCAAACCTTTTATCTTATGTTAGGCGAAACATGAAATTTAC
46755107 F 0-20:C>T-20:C>T	TGCAGCACAATGTTTTTGTCTCTTACCACGTGAATTTATTACTATAACCAGGTTATTGCGCAAATG
39721413 F 0-39:C>T-39:C>T	TGCAGAAGGTGAAGCCACTGTTACAACAGGCAATGAACGCGCTTGCTCGAGAATGGTTTGATCAACGTA
39721279 F 0-29:C>A-29:C>A	TGCAGAACCATCTCTATATGATAAAAGAGCAGGATGCTTCTTGCAGCAGATATGGAGGTAGTACTAAA
39715519 F 0-13:A>G-13:A>G	TGCAGCAGATGACAGCGCGGCAGAGTCATTCCCGCGTTTATAGCGACGAATCCGCCAGATCTTTCGA
39714023 F 0-42:A>T-42:A>T	TGCAGAATCTGTTGAGAACTATGGATTAGAATCAATAGCCAGTTTCTGAACCTGTAAACATCACCCC
39727921 F 0-66:T>G-66:T>G	TGCAGTTTGTCAATCTTGATTTGCTTGAAGTCAAGGTACTACAAATTACAATTTTTCCGTTGGTTTTG
39720654 F 0-11:T>G-11:T>G	TGCAGTCACCTTGGATGTGCAAATTC AATGAAAAATTAGGCACTCAAGTTAC
39717465 F 0-33:A>C-33:A>C	TGCAGGTATAAAGCCGTTTCACTCTACTCTAGTACATATTTTTTCAGAAGCGATAGCTTTTAC
39718864 F 0-27:C>A-27:C>A	TGCAGTTTCAGTACTGAATTGATAAGCCGCCATATTTTCTCACCTGATAAATTACCTGATCCACCTCCA
39725398 F 0-26:T>C-26:T>C	TGCAGTTGTTCTCTTTCTGATATGAGTTTTTCTTCTCCTGGACTGTAGTTCTTAC
39728782 F 0-37:A>G-37:A>G	TGCAGTGAGTTTTCTCATAAATTTCTTTTTCTTCATACATGTATTTTTCA TAAAACCTTAC
39717571 F 0-41:A>G-41:A>G	TGCAGGTGGTTTGCAACCTGACGCAGAGTCAAACATGGTTCATTTCATCATCTTCAGTATAAGTTTTGGG
39727078 F 0-15:G>C-15:G>C	TGCAGCAGTTGTACAGAATGCCTGTCCCCTGAAAGAAAAATTATTAC
39726169 F 0-27:G>T-27:G>T	TGCAGCCTCTGCAAGCACTCCTCCTAGGAAAGAACCAACATGTGCTGTGATTTTGAGATACAGATTCTA
46757397 F 0-63:C>T-63:C>T	TGCAGTGGTGGTTGGCTAAAACACGATCGAAAATTGTATTCCTTATTAC TTTATTTGTAGGCCGCTT
39714277 F 0-55:T>C-55:T>C	TGCAGACTCATGAGCTTTTATTTGGCTGGTTGTTTTGTCATTGGATTTTTG TGAATTGAGGGAAGATAG
39717884 F 0-6:A>G-6:A>G	TGCAGTAGCAATCAGAGCTCGTATGTTCTCCTGTCTGTCAATGAATCCCA TTTCTTGCAGCTGTGTGAG
46760880 F 0-21:T>C-21:T>C	TGCAGCCTCTGCTGCATTGGCTGTATTAC
39725626 F 0-50:A>C-50:A>C	TGCAGAATGCACCAGTTGTTTTTGGTCATCAGGTA CTATTTGATTTTGAAATTTATAGTGTA AATATTA
46769166 F 0-41:C>T-41:C>T	TGCAGCGTCTCCGTCCAACGCCCAATGGCGCCTCTGGCCTCGAAGACGATCGGAAGGAATCCTTTG
39721789 F 0-50:A>T-50:A>T	TGCAGAGCAGAGTGTGAAACAGAAGGCTGCTAGAAACAGAGGGAGACAGAAAACACAGAGTAATTGTCT
39715300 F 0-65:G>A-65:G>A	TGCAGCAACCTCTCAGCTACATCTATGAGCCACTTCAGAGCTCTAGGTAGAAGCTTCTTAGGGGAGCCT
39727144 F 0-30:C>A-30:C>A	TGCAGGAGCAGACTTCTCTAAATTTTCTTGCCTGCGACTTAC
39726188 F 0-20:G>C-20:G>C	TGCAGCGACTGTTGAAGCACGGTCGACCATTTTGTGCGATCATCTTTCATGGTTCTGCAACCTTGAGC
39722461 F 0-57:T>G-57:T>G	TGCAGCAGGAAGCAGTTTTTCTTGGTATGATGATGTCATGTGAATTATTGGTTTATATTTTCAGAACTT
39723617 F 0-31:A>C-31:A>C	TGCAGGTGAGATGTTATTTGAATAACTCACAACAAATCTATAATTAGGATATAAATTATTGATGTGTT
39714855 F 0-13:C>T-13:C>T	TGCAGATCAATAACCATATTCTACTTCTTGCCTATTCTTTTCTTTCACAAACATGATGAATCTCATATT

39726270 F 0-56:A>G-56:A>G	TGCAGCTCGCTTTGATGGCCATGTAGATGAATGTATCATGGGATTGGTTCGAGGCAAATTAC
46753808 F 0-49:C>T-49:C>T	TGCAGAACCTGGAGTAGGTGGTGTCCCAATCGCTTTCTTGAATCACACCTGCCTTTTATGGCAAAC
39720693 F 0-9:C>T-9:C>T	TGCAGTCTCCCGGAAGTTTGAAATTACAGGCAGCCGAGATCTTAC
39717181 F 0-40:A>G-40:A>G	TGCAGGCTAATGTTTCGAGAAAGTTTGTGGCGTTCATTGGAAGAGGACATGATTCCATCGTTATCCTCTG
39719301 F 0-26:G>C-26:G>C	TGCAGAAAGAAAAGGAAGTTGAAGCTGTGTGTATGTCATGGAATAAAGAAATGCTGGTTAC
39715970 F 0-18:C>T-18:C>T	TGCAGCCGACTCGAAAACCGATCGGATCATGCTTCTCACTCTCGAATGGATATCCAACCACTTAC
39720917 F 0-16:T>C-16:T>C	TGCAGTTTTGGTGAAATCCTGTTGTTAC
46769166 F 0-20:G>A-20:G>A	TGCAGCGTCTCCGTCCAAACGCCGCAATGGCGCCTCTGGCCTCGAAGACGATCGGAAGGAATCCTTTG
39715499 F 0-8:G>A-8:G>A	TGCAGCAGGGAAGATAGAAACCAAATCAGCCACCACCACATTACATCTCAAACGCCAAGCTTGAGGTCC
46756254 F 0-17:A>G-17:A>G	TGCAGGAGGGAAGAGGGAGCCGAGGAAATCGGGAAATCGCTGAAATAATGGAATCTCTGGAGCCTGAAA
39724610 F 0-5:C>A-5:C>A	TGCAGCAATGGAGTTCCAGTTATCAACTTGGAGAATCTTAC
46774172 F 0-20:G>A-20:G>A	TGCAGGCAATTTCTCTTTACGGTTTAC
39728910 F 0-10:G>A-10:G>A	TGCAGGGGTAGTGCTAGTAGTGAATCAGATTTACTTTTTTAC
39713785 F 0-41:A>T-41:A>T	TGCAGAAGACAGCTACATGGAACCTGTTTCATCAGAAGCACGACCAAAATCTTTATAACATTCTGAAG
39714305 F 0-25:A>T-25:A>T	TGCAGACTTATCTAGAAAGAGGAATATATGGAGGTCAGAACAATAATTTATGTTGTGTAGTTCTCTT
39717804 F 0-46:A>G-46:A>G	TGCAGTAATTGCAACTCGTGCCTTTTGGCTATAACAGATTCACGCAACTTGAAATACCATTCCACGCA
39725161 F 0-14:A>G-14:A>G	TGCAGTACTTATCAATCGCCTTTCTTTAC
46755456 F 0-24:C>T-24:C>T	TGCAGCCAGTAAAGTTTCTCGACCCCGTTGGATATTGACTTGAATGTTCTGACGAAAGGATTCTTGA
39723620 F 0-34:T>G-34:T>G	TGCAGGTGATGTAAGCACGACTCCTGATATGCAATAACTGATACTAGGGTCAAGCACCCGCTGAGCAAG
39724693 F 0-32:G>A-32:G>A	TGCAGACACACGATTTCGAGGATTCAGAACCCTGAAGGAGTGGCTCGGTTTGCTTAC
39715295 F 0-50:G>A-50:G>A	TGCAGCAACCAGCCAGTCTCAGGGTGCTTTTCTTGTAGATATTTCTCTCGTTATCACTGCATTCACAT
39723417 F 0-32:A>G-32:A>G	TGCAGGCTTGGGCGGAGAATTTTCAGATCCGCCACTGTCATCAGAGATCAATTTCCCGATCACGATCAAA
39714756 F 0-48:G>A-48:G>A	TGCAGATAATGATGATGGTGCTTTTGTATTTCGAGATTTGGCGAGTCGATGAGGATCAAACCATGGA
46765518 F 0-52:A>T-52:A>T	TGCAGTTTGAGCACTTTGACATCGTTGTACCCAAGAATGCAAAGAATTTTGAAGCCAATCTGAATTTAT
39726063 F 0-29:T>C-29:T>C	TGCAGCAGCTGCTGAAAACCACTTCCACTTTCCCGTCTCCAGTGAAGATAGGAGTACTGAAATCAAA
39718358 F 0-55:T>G-55:T>G	TGCAGTGCCTTTTGCATACTGGCAAGCAAATTTGAATGGCTTCTGTAAGTTATATTCTTTTTTGCAGAA
39717501 F 0-29:A>G-29:A>G	TGCAGGTCCAGTTATTTCCCAGCAGAGACTTCATTATTGGCTTCAAAGTATTACAATCAAGGATTTG
39720269 F 0-17:A>T-17:A>T	TGCAGGAAACAGCATCAATAGAGGTTGATAAAATTATGTTAC
39713328 F 0-48:T>C-48:T>C	TGCAGCAGTAGCTGAAGAAACAAAATTGCCTTTTGTGACAGCAGAAAATAAGTTTGAAGCCTTGGTTAG

46754079 F 0-5:G>A-5:G>A	TGCAGGATTATCATTGTCATTATTAGATCTTTTTTCTTATCTGATTCTT ATGGGTGGTATTTCTG
39718541 F 0-48:T>C-48:T>C	TGCAGTTACAAGTTGTTGGAGATATCCTTTGTATGAAGGTAAGAAATCTG CTGTAAAGAAGAACTTGAA
39714842 F 0-58:T>A-58:T>A	TGCAGATATTTGAAAGTAAGGGAGAGTTGGGGGTGTTCTGTAACGTGAA AAAACATGTTACTAAACCGC
39715310 F 0-6:A>T-6:A>T	TGCAGCAACTCTGTGTATTGTCTCATCCTCAGTGCTTCTGAGTAGCATCA GCAAAGATGAAAGGCCCC
39725797 F 0-8:A>G-8:A>G	TGCAGAGTAAGGCCCTCGTTCAGTTGTTTCATCAAAAGATGTTATAGAATT TATTGGTGAGGATGGTTCCG
39727249 F 0-18:A>G-18:A>G	TGCAGTGTGGGGAGCATTACTTAGTGCTTGTTCATCCACCATGAAGTTA C
39721859 F 0-57:C>T-57:C>T	TGCAGAGGATTGCAGGTCAGATGCCTCCCTAAGAGCCTGTTTCGAGAAC GATACTAGCCTGTTTTACGC
39720420 F 0-35:T>A-35:T>A	TGCAGGCTGACAAAAGGACAGGGACACATAAAAAATTTTAC
39724211 F 0-18:T>C-18:T>C	TGCAGTTAGAGTCGAAACTGGGCTCTTGTTCGTGATCCATGAGCTTCGCCA ATCCAAAATCGCCCAATCT
39717888 F 0-25:T>C-25:T>C	TGCAGTAGCAGAGACAAATAGGCCTTCTTCAAGATCATCAAGGAGAGGG CCTGGGCAATTACAGTTGTG
39720082 F 0-5:G>C-5:G>C	TGCAGGCTTGAGATATAACCACAACCAAGAGTTAC
39725269 F 0-36:C>A-36:C>A	TGCAGTCCACTTTATCCGCTATAAACAGAGAGCAAACCCTACAAATGCC TTACTTTTAC
39714557 F 0-23:A>G-23:A>G	TGCAGAGGACAGATGGCAGGTACAAACCAACAATAAAATCACTTGATTC TGGATTGCGCTTTTTTCTA
39717214 F 0-19:T>A-19:T>A	TGCAGGCTGTTCCCTCATTCTTCATATCTAAAAGTTCCTTTACGATACC CTATACGCTTGGGTGGAT
39723687 F 0-48:T>A-48:T>A	TGCAGGTTGTGATGTTGGATGAGAATGGGAAAGAGATATCCTCCGAGCT GATGGCTGAGCTGGTGGCAG
39724899 F 0-30:A>G-30:A>G	TGCAGCAGAAAATAAAAAGGACAATCCCCACAGTTCATTTGAAGGCAAAG TTAC
39713331 F 0-40:A>T-40:A>T	TGCAGCCTAACATTGGTGAAATTTTGAACAATGTTTCGGAGGCACATTT TAGAAACTGGGAATTCTTG
39718240 F 0-27:C>T-27:C>T	TGCAGTGAAATCTTTTACACTGTTATCATCTCATTGATGCTTGGAAACA TATGTTGGAGATTTGGTGC
39720523 F 0-9:T>A-9:T>A	TGCAGGTGTTGGCACATATCCTTGCTCGATCCAAGTACTTAC
46765438 F 0-54:G>A-54:G>A	TGCAGTTGGAAGATGACAAAAAATGTAATAGATTACAGAAAGCGTATT ATTGCGAGGAATGGGTTATC
39715528 F 0-52:C>T-52:C>T	TGCAGCAGCAACAAAAGCATTCACTCGATCTTGAACATTGTAGTCAAAC AAGCCAATATTATCCTTCGT
39726055 F 0-61:G>A-61:G>A	TGCAGCAGCCTTCAAATTTGGAAAAGAAATAAAACAGTCAGAAAACATA ACAAAACCTCGGAGTAGTTAT
39728482 F 0-27:A>T-27:A>T	TGCAGGTGTATTTGCTTATAGAGGAAAACCTCCTGTTATATTAC
39728949 F 0-63:C>T-63:C>T	TGCAGGATAAGAAAAACGACGACAAAGCACCAAAGGAAGATGAGAAAT GAGGCATTTTGGAGCCCGTT
39721911 F 0-63:A>G-63:A>G	TGCAGAGTCTTCCACTTGTAAGAAATTTTCGAGATTGATGCTATTGTTCCG GAGTTTTCCCTCCAACATT
39725418 F 0-51:A>G-51:A>G	TGCAGTTTTCTTTACTTTCTTGTTCGGTCTTTGGAGAAGAGAAGAAAG GAAATTTTAC
39727188 F 0-31:A>G-31:A>G	TGCAGTAAACAGCATAACTGAGCTGATACATATTAC
39719559 F 0-21:T>C-21:T>C	TGCAGAGAAACCGTTGAGCGTTGCAAATTCGAGAGATGAGTGGTAGT GACATATTTAC
39720633 F 0-16:G>A-16:G>A	TGCAGTATTCTCATCAGGGCATAAAGCTTTAGCTAATTGAAAGAGTGTTA C

39726596 F 0-10:T>G-10:T>G	TGCAGTACGCTCTTTTCGCATGCCGTCATTGATAACGACGAGGTCGTTCTCCTTCATGTCGATAACCCTA
39727799 F 0-54:T>A-54:T>A	TGCAGTATCTTATCATCCTGATGGACAGGTGTGTGCTGTCTGACTCTTTCATTTTCGTAGAAGTAGAAA
39718954 F 0-17:G>A-17:G>A	TGCAGTTTTCTCTGACCGTGCATCTTTCCTTCCATAGACTACCATTTACACTGCTAGTGTTGCAAAAGG
39727218 F 0-21:C>T-21:C>T	TGCAGTCAAAACATAAATCTACAAGAATTAGTTTTAGTTTAC
39717274 F 0-67:C>G-67:C>G	TGCAGGGAGATTCAAAAGTTTTGAACTTGAGCCAGAACCCTGGCGAGGTTTTCACCGGAAAACATGTCCG
39725453 F 0-49:T>C-49:T>C	TGCAGCATATTTGCCCGATTTTGTACTTATACAAGAAACCAAGAAGACTTCCTTTGATAGGAGATTTA
39713788 F 0-10:T>C-10:T>C	TGCAGAAGACTGCGTTCGGGTCTTCTCGAACAGCAGCACAGGGAGCAGCCCAAGAACAGAGAACAACA
39718069 F 0-50:T>G-50:T>G	TGCAGTCATTGGTGCCTACCCGGAGTGCCTGATGTGTGGAATGAAATTTTCTGTCTACCTGCTTACT
46755075 F 0-49:C>T-49:C>T	TGCAGCAATATCCTCTGTGGCAATGCAAGCCATCGGTCATATAGGATTGCGTGTACCATTGCCACCACT
39729408 F 0-32:C>T-32:C>T	TGCAGATGATGAAGAGTAAATATTTTGAACGCCTTTTTGAGTTTTGATTGATATGGCTGCTTTAC
39713787 F 0-19:C>T-19:C>T	TGCAGAAGACCCAAGCAGTCTTATTTTTTGTATGTGATAGTTCCAACCTGGTAGTCCCAAACAGAAATGG
39715755 F 0-13:T>C-13:T>C	TGCAGCATTATATTCTGGCACACGCAAGCAAAACATTTTCCAAGTAGTACAAAAACCTTCTTATATATG
39723619 F 0-31:A>G-31:A>G	TGCAGGTGATATGCTCAATGTGTTTCATACTTATCTTTAGTATCTGTGTTCAATGCATTGATTGAAAATG
39722834 F 0-28:C>G-28:C>G	TGCAGCTAAATTCGTAGTCAGCGGCGCCCGTGGTGGGGGTGGTGGCTCCGGCGAAAAGGGCGAGGG
39716710 F 0-6:A>C-6:A>C	TGCAGGAAAAGGCATTGTTCACTCTGAAATGCCTGCATCCCATGGCACC CAACATGGCTTACAACCTTG
39715032 F 0-55:C>G-55:C>G	TGCAGATGGGTGAAATTCACAATAGAGAAAATGGGACCCCGAGGGAAACGGGGACGTGGTGGTGGATG
39720139 F 0-18:T>G-18:T>G	TGCAGCTATATAACACGCTAAGAACGGGTGTCGTTTTAC
46756600 F 0-44:G>A-44:G>A	TGCAGGGGAGAAGGAGATGGAACCGAAAACCTTGATTGTGAAGCCGAATTATCAAGTCAGGCTCGAAATC
39715683 F 0-36:T>C-36:T>C	TGCAGCATCAACAGCATGCCCTCCTCGCCTAAGCATTGACGCTCCAATTCGGGAGCAGCGCCATCATC
39725587 F 0-57:T>C-57:T>C	TGCAGAAGCAACTACAAAAGATTTACCACCGTTGATACTTGAAGATGTTCCATCAAGTTTCAGCAATTC
39724574 F 0-7:T>A-7:T>A	TGCAGAATAATTGTCGATGTCACACTTTCTGTTTTGGATGCTTGTACTTTACTTAC
39720009 F 0-17:A>C-17:A>C	TGCAGCATTGCGCCAAAATAGTTAC
39728482 F 0-35:C>G-35:C>G	TGCAGGTGTATTTGCTTATAGAGGAAAACCTCTCCTTATATTAC
46756797 F 0-29:T>C-29:T>C	TGCAGGTGGGTGGATGAAGTGATTCCTGATGCACCCTGGGTGATCTCTCAAGAATTTATTGACAAGCAC
39718675 F 0-13:G>T-13:G>T	TGCAGTTCCTTGTACAGTTATGTCTTCCATGATGTAGTAATAATAACAAGTAATTTAGAAAAGAAAGC
46768604 F 0-65:G>C-65:G>C	TGCAGAGGTTGAAAAGCTAAAGAATTCACAAGAGTGAAGAATAAACGAGGTATGCTCTGAAATTGGGT
39714628 F 0-39:C>G-39:C>G	TGCAGAGGTTACAGACGACTAAGTACTTTTGAATCTTTCTTTTGCTATGATAAGGCTATCCCAGAGGA
39724380 F 0-36:A>G-36:A>G	TGCAGTTGTTATGTTTCCTTTTTCAAAGGAGACAACATCATGCTTGTGTTGATCACTATCTCCCCATT
39725506 F 0-33:G>T-33:G>T	TGCAGAAAATACAGAAAATATGAAAAACAAAAGTATTAGTACAACGTA AAAAATAGTGTATGCGTTAC

39716315 F 0-55:C>G-55:C>G	TGCAGCTCACAGGCGATGGCAGCATCAAATATGTTCAGGTTTTTCTTCTCTCTATCATGCTTGTTGGG
39715407 F 0-9:A>G-9:A>G	TGCAGCACAAACGGTTATCATCTATGTGAGTAGCCTGGAGACCAATCATCCATGATCCCACTGATACAT
39716178 F 0-19:C>T-19:C>T	TGCAGCGGCGGCGGCGAAGCAGAGAAGGAGAAGAAGATTGAGTAAACGAGGAGTCTCCATTGTCTTCGT
39728907 F 0-6:A>G-6:A>G	TGCAGAAATTGAGAAGTCTACCCAAATTGATAGGGACTTCACCTAATTTTAC
46753583 F 0-62:A>T-62:A>T	TGCAGAAAAGGAAAAGAGGCGAACGAGGTTGATGGCTAAAATGGAGGA AATTGGTCTAACGTACAACAG
39721096 F 0-29:A>T-29:A>T	TGCAGAAAAACAATGGTAATGTGGAGAAAACCTTGCTACTGTGAAGAC CAAGTTGGATTCTAGGTGTG
39714386 F 0-9:T>A-9:T>A	TGCAGAGACTCCTACTTCAATGACACTATTGGATTTCATGAACTGGGGTCTGATATTTCTGATAATGA
39716316 F 0-24:A>G-24:A>G	TGCAGCTCACAGTTAGTCATAGTAATTTCAAGGAATACCTCTCTCGACAT TGTTCCTATGCGACCTG
46757725 F 0-59:C>A-59:C>A	TGCAGTTTCCTCCACCAAAGCTTCTTCTCAATGGTTATATTTCTTACTG GCTCCTTCCACATAAACA
39718454 F 0-6:G>T-6:G>T	TGCAGTGGTCATCTCTGCAATACCAAGGGCAATGGCTTACCCTTGGTGG TCATAAGTACAACCTTCTTC
39724223 F 0-20:A>T-20:A>T	TGCAGTTATCATCTCAAATGATATGGAAAATGACCTCCTAATCACCATTA GTACAGTGCTAAATACAAC
39719935 F 0-11:A>G-11:A>G	TGCAGCAGAGAAAGGTCCTCGGGTTAC
39724432 F 0-63:A>T-63:A>T	TGCAGTTTCTTCAATTCAAGAGCCTGAGGCATTGAAATCAAACAGAACA ATTTAGAACAACAAGCTAA
39728653 F 0-18:C>T-18:C>T	TGCAGAAGTTACCAGTAGCAGCAGCAGTAATTTTATTAC
39726538 F 0-42:C>T-42:C>T	TGCAGGTGCAGGAAATACCTGTTCCAATCAACTTGTGTTACACATATTGG AAATAGAACTACAAAACA
39717065 F 0-16:T>G-16:T>G	TGCAGGCACTACTTCATTTCAGTCCCATTTGGGAAAATGATTGTTCTTGAT CTTTTGCGGACGTCAAGC
39722352 F 0-7:T>C-7:T>C	TGCAGCATCATGAACAACCAGAGGTCATTCATAACAGATCTCACTCGTTT GTGGGTCTTCTCCCCGGT
39714200 F 0-62:G>C-62:G>C	TGCAGACCCATTACAAGAGAAAGCATGGGGCAAAGCCCTTCAGTTGTAG GAAATGTGGGAAGGCCTTTG
39713810 F 0-62:G>C-62:G>C	TGCAGAAGATACCATACTTCTCGATAGAATACTGTCAAAAAGGTTTGA CAGAAAAATTCCAGCACCT
39722611 F 0-18:T>G-18:T>G	TGCAGCCAGAAGTTGCCCTATTCTTGGCTGAAATCTCACCTGAGTCGAGC CAGAGCCACCCTGTTTACA
39722021 F 0-64:C>T-64:C>T	TGCAGATCCTGAAGCGCGGGATCTCTCCTTACCAATGGCTGTGGTTCTG ATAGGAAAAAGTATCGTAA
46765013 F 0-62:T>C-62:T>C	TGCAGTCCAGATACGAAGTCATGCACAGAAGTTCTTTTCAAAGGTCAAT GGGTACCCTTCTCTACTTAT
39729413 F 0-26:A>T-26:A>T	TGCAGCCTGGTTTTGTGGGCTAAAATAACCGATGAATTATGTGGTAAAGT CAGGGATGCTGATTACAGA
39725011 F 0-17:A>G-17:A>G	TGCAGCTGAAACAAGTAATAGCAATGTGCTTGAATAGGAATGTTAC
46762606 F 0-51:T>G-51:T>G	TGCAGAAGTTGGTATTCTAGTGACAGACGTGAGTCTACTCATGATGTGC ATGTAAATCAATCAGACAC
39718881 F 0-65:T>C-65:T>C	TGCAGTTTCTAACCAGCAACCATCCAAAAGCAGCCCATCCATGTAGTCC AAATCCATGGCAGTATTAGC
39717683 F 0-34:G>A-34:G>A	TGCAGGTTTTGAGTGGAGAGAAAGAAGTGTGAGAGCTCGCAGAAATTC AGGATTCGAGCCCGATGGGA
39728013 F 0-29:C>A-29:C>A	TGCAGCATTTCAAATCTAGGGATGTTCCCGTGGATCATTTCTGTGCTAT AATTAC
39727516 F 0-34:T>C-34:T>C	TGCAGCAACCATTCTTTGTGGGGCCTCCTTGATCTGAGGTTGGAATATTC AGGTGACGATTGAAAGAGA

39724843 F 0-31:A>G-31:A>G	TGCAGATTGATCTTTGAAGGAGTAGAGAGCAATTTGAATTAGTTAC
39714417 F 0-37:T>A-37:T>A	TGCAGAGAGAGCAACGGTTTCTTTCTTTAGCTTCTCCGTATGTAGTTTCTTATAGAGGCTGTGAGG
39722081 F 0-27:C>T-27:C>T	TGCAGATGCCAAGTCCTTGCCAAAAGGCTTCTCCACAACAATCCGGGTCATCCACCAAGATCAGCTAA
46774192 F 0-24:A>G-24:A>G	TGCAGGTGACCAATTAGGATGCAGAGATTTAC
39723279 F 0-33:T>C-33:T>C	TGCAGGCAAACCTTCTGGAATTGCAGCTACAGCTAAAGCCACCGCAATCTCAAAGTAATATGTACATTT
39719288 F 0-19:G>A-19:G>A	TGCAGAAACAATTGGACCTGGGATATTAC
39727097 F 0-6:T>G-6:T>G	TGCAGCTATGAATCTGTCTCTCTTGGTGAAGCTAGCTTAC
39725054 F 0-15:T>C-15:T>C	TGCAGGAACAAGTAATAAACTGTCAGACTCCCCAAAACTTCACTCTTAC
39713859 F 0-7:G>T-7:G>T	TGCAGAAGCTTTATTTTTCTCCTCCTTGTATATGTTACCTAAATGGAGTCACTAAACCTATCCTTGT
39721275 F 0-58:A>C-58:A>C	TGCAGAACCACATGCTGGAACTTGGCTGCTAATTGAAAGTTTTAGGGAATGTCCTGGAAAATATTTGG
39728470 F 0-26:T>A-26:T>A	TGCAGGCAGTTGAAAGTTGAAAAGTATGTTTTAC
39723757 F 0-62:C>A-62:C>A	TGCAGTAAGTGCAACCATATAATATCATGAAAATGTAATATATTGTCTACACAACACATTAGCAGGCAA
39716056 F 0-54:G>A-54:G>A	TGCAGCCTGATCTTGTGTCTCTAGTGACACCAAAACGATGGGCAACATTTTCGGAGGTTATACCCAT
39716848 F 0-43:C>T-43:C>T	TGCAGGACCTTCTGAGGCAGGTGTTTACGCCTATACCAGGGTACGCAACTTTAGCCTTCTCCTTTGTTT
39715659 F 0-5:G>C-5:G>C	TGCAGGATACCTGATTTTTGTTCAAATAGTTAGGCAATACGTTGTGCTCCCAAGCAGAACTTCACCTC
39723478 F 0-60:C>A-60:C>A	TGCAGGGCTGGGAACTGATTGCCATCCACATTCTGGCTATGAACAAGCTGTTCCAGCTCAATCCCAC
39727845 F 0-26:C>T-26:C>T	TGCAGTGAGTCTGTGTTCAATCGAATCCGCGCTTCTGTGCTAAAGCTAAACCCACATAGAAATGACGGA
39715223 F 0-11:G>A-11:G>A	TGCAGCAAACGAGAATCTCGGGTCTCTGATCCAGGTCACCAGCATTGTCCATCTGAGAGCAGACAAC
39719290 F 0-22:T>G-22:T>G	TGCAGAAACAGTTACAATTTGGTTGGTTCTGCCAGGATGAGCTTTTTAC
39720847 F 0-12:T>C-12:T>C	TGCAGTTGAATGTACTTCAACGAATAATCCCTTTTAC
39725530 F 0-44:A>G-44:A>G	TGCAGAAAGCTGTGGCTCGGCACCATCCCGTATTTGGCCAATCCATGCTCTTCGTCACGTGGGTTTCC
39715335 F 0-40:A>G-40:A>G	TGCAGCAAGATTTTCAGCATTTTGATGAATCAGTAACCATATGAGAAATGAGATTGTCAAACGAAATGA
39726096 F 0-24:G>A-24:G>A	TGCAGCATTTTCTTCTCCTCACCCGGACATGTTTGAGAAGTTGAAGTCTTGGACAACCTAAAGAATCTG
46757321 F 0-36:C>G-36:C>G	TGCAGTGCCTCTGAACGAGAGCTAATCTGCCTCCTTCCAGGCCGAGCACTTCCAAAATCCATCAATATA
39723599 F 0-22:C>T-22:C>T	TGCAGGTCCTTTATATCAACCCAGCAGCATCGGCCCAACAACCTCATGCTTGCTATTCTTCCGGATTCC
39721039 F 0-36:A>G-36:A>G	TGCAGAAATGGCATCCTGATAAGCAGAAAGATCAGGATGTTGCCACTTCAGATTTTCAGGAAATAAACC
39717165 F 0-6:T>C-6:T>C	TGCAGGTGGAATAACTCCAGAGAGTGTATATACAGCTTTGGAACCTTTTGCTTGACCTTCTAAGTGG
39719639 F 0-6:G>A-6:G>A	TGCAGAGGTTTTTCTTACCTGTCAGACCAATTTCCCTTTCAAGATCAGGGGAGTTAC
46755282 F 0-12:A>C-12:A>C	TGCAGCAGTTGCAAATTGTTGAGAGCCACCAGATTGCTGCCATTGGTGGCCTTCACTCAAACACAGTGA

46760713 F 0-6:A>T-6:A>T	TGCAGAACATATACGAGCTCCTGGTTAC
39715946 F 0-8:T>G-8:T>G	TGCAGCCCTTACAGTGCAGTTGTTCTTGTCTCACATCCTCAACAAGGAAAGTTGACGATTAC
39716354 F 0-63:A>C-63:A>C	TGCAGCTCGGAAGACACCCTTTGCACCGAACGGGAAAAAGGGCACCAAATTTGCAGAATCCCACGCAC
39718849 F 0-25:G>A-25:G>A	TGCAGTTTATGGCAGTCAACGCTATGTACGGTTTTCCACCAGAAGTGCTTTCTTCTGCTCAGGTCTCTTC
39726385 F 0-32:C>T-32:C>T	TGCAGGAGATTCTAGGCAACAATATTCTTCCCCTGTGTGCGAGGTGATAATTACAAGTTCCATGCTGCTG
39725920 F 0-13:G>A-13:G>A	TGCAGATTGCTCGGGGGGCTGCGGGGGGCTGGCTTATTGTCATCAATCCGTGAACCCCATATCCTCC
39717572 F 0-45:T>A-45:T>A	TGCAGGTGTAACCTGTGCGATCTAATGGTGGAAATGGACCGCATCTTACGTCCTGAAGGAACAATAGTG
39725296 F 0-16:T>A-16:T>A	TGCAGTGACAGGCCAATCGACATGAACTTTTGTTTAC
46762815 F 0-64:T>C-64:T>C	TGCAGACTTTCTTGTTCAGCTCGAAAACAGAAGATCCATCAAGGTTTGTAATGCCACTGTACTATTGAA
39728826 F 0-45:C>G-45:C>G	TGCAGGAAAACAAAATGCAGACAAATCCTTCGTACGCATTGGCAGCCTCTCCCAGGTGGATACTTACA
39729095 F 0-20:A>G-20:A>G	TGCAGCTTGATTGCAGTCTCAGGGCCATGGCCAAACACATAGACCTCATGGGAGTAAAACATCATTACA
39725354 F 0-17:T>A-17:T>A	TGCAGTTAGATTTTGTGTTTACCACCTGAACAAGCCTGGAGAAGGAAATTAC
39719316 F 0-16:C>T-16:C>T	TGCAGAAAGGAGAAGTCGATGCCATTAC
39718056 F 0-33:C>T-33:C>T	TGCAGTCATCAAGCATATGTCCCCTGATATAGCCAAGATCCGCAAGCTTGTCAGGCAGTCTAAATGTTT
39726637 F 0-68:T>G-68:T>G	TGCAGTCAAATCAAGTAGTTTTATATAAAATGAATCTGGCTGCCAGTAGAGAGAGAGAGAGAGAGAT
39716662 F 0-39:A>G-39:A>G	TGCAGCTTCTCATCAGATGCATCTGTTTTCTGTAACCTATCTTGAGTGGA TGATGCAACAGAAGTTTC
39718838 F 0-24:G>A-24:G>A	TGCAGTTTAGATACAAGAAACACAGATGGGCTATTGCTCCTAAATCAAAAATGAAGTCTACCTTTCTG
39726238 F 0-29:C>G-29:C>G	TGCAGCTACTATTCTATGGCGTTTATGGCCTCAGCTGTAGTTTTATTGATCTGGGCTTTGTTTCAGACA
39728106 F 0-9:A>G-9:A>G	TGCAGTTGAATTCAAAACCAGTAATTTTGATTAC
39719539 F 0-23:T>G-23:T>G	TGCAGACTATTCAATCACACGTATAACATAACCCAAGGGTTTAC
39728284 F 0-33:A>G-33:A>G	TGCAGCTATTTCGTCGCCGAGCTCCGGCCGCCACCAATCTTCCCGAAAGATGTCATCGACGACAACCCTTT
39717791 F 0-63:A>G-63:A>G	TGCAGTAATCCTATAGATTTTCATGTCCGAGACTAGCATTCCAGCATCGTATAAACCTGAAAGTAGTAGA
39726965 F 0-33:G>A-33:G>A	TGCAGAATACTCTGAAGAATGAAGATTTCCGTAGACCCGAACACTTAC
39720107 F 0-13:C>T-13:C>T	TGCAGCGGTGATGCTGTGCTTAC
39718308 F 0-17:G>T-17:G>T	TGCAGTGATGACACCAGGAGGTCCTCTGGATCTCTTCTGTGTTATTTAGGAATCGTATCATATTTAT
39721231 F 0-35:T>C-35:T>C	TGCAGAAATGAAATCAACATTTTCTAATAAAACCTTGTGAGCATCTACTCATTGTCAGTATAATGAT
39717202 F 0-32:C>T-32:C>T	TGCAGGCTGCTGCCTTGGCTCTTAGGAAGGTCCCTCAATGCAACAGTTCA TGGACGGATAATTATATTA
39721389 F 0-11:A>G-11:A>G	TGCAGAAGCTGAAGGAAGAGAATGGGAAGATGATGATGACTTTTCCAGTAATTTTTTAGCAGAAATCAT
39714886 F 0-15:A>T-15:A>T	TGCAGATCCATAAAACCACAGCTAATAAATGGTATTATGAGACAACCAAAAGGCCAGCAAAAGAGTCA

39728122 F 0-16:G>C-16:G>C	TGCAGAAAATCATCGAGTGTATCGAAGCTTGAAAGCTTATACAGAGTTA CCAAGGTTTTGGCAGGGCAA
46755320 F 0-62:G>A-62:G>A	TGCAGCATCACGAGTGAGCAGCAGTCCAGTCAACCAAGTAGTGTGGAGA GTGAGAGACGCCTGTCTGAT
39714267 F 0-8:G>A-8:G>A	TGCAGACTGGTGGAAATCTTACATTAGAATAGCCTTGCAAATTGCAAGTAT ATCAATTACCATGATCATA
39726805 F 0-45:C>T-45:C>T	TGCAGTTCCTTTCTTGGTGACTATCGCCCGCTTATTCAGGATCCTTCCGGCA ATGTAGTTGACCAGGTAG
39715628 F 0-39:C>T-39:C>T	TGCAGCAGTCGTATCTTTTGTCTTGCCTGGTATGATGGCGAGGAAGGAG GTGAGATGGAGATTACAGC
39725679 F 0-44:G>A-44:G>A	TGCAGACTCGTAGCCAACTAGCCACAAAGTCTTTATTGATATTCGAGAGT AAGCGGATACAGAAGATCT
39727181 F 0-19:A>G-19:A>G	TGCAGGTTTCGCCGTGCATGAATATTTAC
39713454 F 0-43:T>A-43:T>A	TGCAGAAAATATACAAATTAGTGAATAAACCAAGCAAACAATACTA ATAGTGTGTTTAC
39723003 F 0-48:G>A-48:G>A	TGCAGCTTATAATATAATCCATTTTTGAAGAGTTCAATCTCATCCTCTGT GGTGAATATACATGTCCAT
39727515 F 0-56:T>C-56:T>C	TGCAGCAACCATTCTTTGTGGGGCCTCCTTGATCCGAGGTTGGAATATTC AGGTGATGATTGAAAGAGA
39715412 F 0-11:G>A-11:G>A	TGCAGCACAACGCTTTGCTATTTTAGTTGAGATTCGAAGCTCTGTTGGCC TGGCCTCGCAAACAGGACG
39720384 F 0-22:G>A-22:G>A	TGCAGGCAGCCTCAATTGAAAAGCATCTTGGTGTATCAAGCGGATCTCT TAC
39728059 F 0-10:A>G-10:A>G	TGCAGGCTGTACATGCTCAAGTTCTGTTGGATTCTTTAC
39720437 F 0-18:C>T-18:C>T	TGCAGGGATACTTCAAGACTACAATTATTGTTCTATATTTAGATTAC
39713795 F 0-30:C>A-30:C>A	TGCAGAAGAGATCATTACGGGCGAGACACCTCAAAGGCATCGGTTAGC TATCTTGCCGATGCTTCATG
39718518 F 0-68:T>A-68:T>A	TGCAGTGTTCAGTCAGTCAGTTGAGCAAGAATTGATTCAGATATCAGG GATAACAGCCAGGGATACTT
39723122 F 0-19:C>T-19:C>T	TGCAGGAAAGTCAAACACCACACCATGCAACCTACATTTTGAAGC ATGTGTTAGCAGGGAAGTTT
39717249 F 0-41:C>A-41:C>A	TGCAGGGAACCTGGAGGTGTCAGTATCTATGGTTCAGTTCCGAGACGA GAATTTTTCATGTATGTCAT
39719560 F 0-12:T>C-12:T>C	TGCAGAGAAAGTTCAGTACATGCTCCTTATCCCCTCTGTTTGCAGTTA TGTTTAC
39727175 F 0-31:A>T-31:A>T	TGCAGGTCATAATGTAGGCTACTGATGTTGCAGAAGCAAACCCATTACA GAATATTAC
46773627 F 0-52:C>T-52:C>T	TGCAGCTGCTCATTCTTCCCCACTCAAAGGAATTTCAACTTCTTTTGGTG ACTGATTATCACTTTTAC
39727471 F 0-10:T>A-10:T>A	TGCAGATATCTTCTCTTCATCTGATCCTTTTACTGCTACCTCAAATATTTT CTCCAGTTCTGCTAAGCT
39724063 F 0-7:A>T-7:A>T	TGCAGTGATTGCTGGAAGTGAGTACGTGAGATTAGATCGTGAACATGAG CAGAGGCAGCCTTTTCCAAA
39725022 F 0-15:G>C-15:G>C	TGCAGCTGGCGGTGCGCCTGCCGGATACATTGATCCGGTTAC
46757112 F 0-16:C>T-16:C>T	TGCAGTCAACACCTCTCTCTTCGACAATCTAGGGTTTCATCGAGACGCCT CGTTTAGCTTCAAATTGTT
39721490 F 0-57:C>G-57:C>G	TGCAGAATCTCATCATCATTTGGATGGAAGTGTATCTTCCCCTTCTATA GATACCACAAACAACCTGCC
46757326 F 0-16:T>A-16:T>A	TGCAGTGCAGCTGAATTGAGGCATGGCAACAAGAAAGAATCTGATATT TTGATGGCCAAGGCACTGCA
39715574 F 0-35:C>A-35:C>A	TGCAGCAGCTGAGATAATCATGATAGGGTTTTTGGCTATGGAAATGGAA TTGTAATGAATTATAACCCA
39722458 F 0-58:T>G-58:T>G	TGCAGCAGCTTGCCCGACCCATGTACAGCAATCCACCTGTTTCATGGTGCA CTGATAGTTTCAACCATCC



39729565 F 0-19:G>A-19:G>A	TGCAGAATAGAATTTCAATGCTATCTTAGAATTTCCAGCACCTAATCCAT TGGGTAATCTAATTTACAG
46762396 F 0-24:C>T-24:C>T	TGCAGAAAGAGTGATAATTTTATGCATAAATGAACCAGCAAAAACAAATT ATTCCAAGCACAAAAAGTAA
39716126 F 0-48:C>G-48:C>G	TGCAGCGATCTGGATCTGATATCAATCAAACATCTGACGAACAAAGCTC GCGGTATTGTCGGTATCGCA
39722520 F 0-24:C>T-24:C>T	TGCAGCATCATAATATGTATGAAACGCCTTTCTGAAGAATTTCTTTTGGT CGGCAGTAATATTGAGGCT
39725246 F 0-8:A>G-8:A>G	TGCAGTAGATTTTGCAAAGTTGAACCTTAC
39717662 F 0-55:G>A-55:G>A	TGCAGGTTTACGAACAATTGAAAATTGAGCCAGGAATGAAAAATGAAAG AAAACCTGCTGGTCTTACATT
39714404 F 0-64:C>T-64:C>T	TGCAGAGAGAAATGCAATGGGAGGATTGTGCGATTGATGATTTTTTATCA CTGGTATGTTTGTAACCTGA
39716391 F 0-23:A>G-23:A>G	TGCAGCTGAAGAATCCCCCTGCTACATCCAGAAAATTTGACAATATTATG GAAAGGAAACCATAATATA
46754083 F 0-42:C>T-42:C>T	TGCAGAATTCAGAATGCCATAGCACCATTTACAAAGAAGAAACTTTTTG GGTCTTCCAAAAGAATGTTG
39720512 F 0-7:T>G-7:T>G	TGCAGGTTATGCTCTTTGATGAAAACAGGAAACTATTGGATAGCAGGTTT ATTAC
39726807 F 0-19:G>C-19:G>C	TGCAGTTCCTTTATTCCACGTTCCAGTTCCTCAACTTTCTGTTCCAATTC AACAATACCACAAAAGGC
39723053 F 0-54:G>C-54:G>C	TGCAGCTTGAAATATAGACCCGATGCCGTAAGTTGTATGAAAAGTATTT GGTGTGGTCACCTGAAAAC
39714854 F 0-23:G>C-23:G>C	TGCAGATCAAGTATTTGTGAACAGTGTCAAACCTCCCAGTACTCCGTTG TGGAGTCTTCACTGCTCT
39722007 F 0-43:G>A-43:G>A	TGCAGATCATCCCATTGTGTACAGACGAATGATGCTTCTGGTGATGACG TGAATAACCCATTGTTTTG
39718978 F 0-24:A>G-24:A>G	TGCAGTTTTTCACTACCAAGCCATATGCTTGTGAGCCTTCCAGCCTTCCC AAGTATCCTCCAAGCAAGG
39728567 F 0-24:A>G-24:A>G	TGCAGCCATCATCCCAAAGCATGACCAGCATTGAAAGTTGGAGCACCC CACTGAAGAGGGTATGGAAT
46775928 F 0-14:T>C-14:T>C	TGCAGTTGCTCTAATGAAACATAGGGAAACCAAATTTTTAC
39717415 F 0-49:T>C-49:T>C	TGCAGGGTTTTATATTTACAAATACATTTCTAAATTCCTTTTCATATGGTT TGATCTATTATTGTCTGT
39715713 F 0-12:G>A-12:G>A	TGCAGCATCTCCGGCCATCTTCTCCGTTCTGTTCACGATTCTTCGTTGT CGGTATGATTGACTCTTA
39727033 F 0-22:A>G-22:A>G	TGCAGATCGGGGACCACGTCCAACCTCGCCTACACTCACGAAAGTGAATC CGCCTTAC
39720534 F 0-14:C>A-14:C>A	TGCAGGTTCTGTCACCGATCTCTCCCTAACAGAATCATATTTAC
39726602 F 0-68:T>C-68:T>C	TGCAGTAGAAACAAGACATCTATTCTGGAAGATCAGATTTTCCAGTA GGATTACTAGGGCTAGGTGT
39715614 F 0-6:G>A-6:G>A	TGCAGCGGTAAATTTTTTTCATCAAAGAAAGGGGATGCCTACGTATCATCT AGTAGTGACATTGCATCTTG
39716826 F 0-33:G>A-33:G>A	TGCAGGAATTATCTTCATACCACCGCTACCTCCGATTACCGCAATCAACC GATCATCCTATGAAGGTTT
39715306 F 0-50:G>C-50:G>C	TGCAGCAACGTGGACTTTTGGGATGCCTGTATTGCTCAAAGCAGCCTTGG GAAGAACAGTTTGAGAGAT
39717537 F 0-34:C>T-34:C>T	TGCAGGTGCAGCCCAAGGCAGTGAAGAGGCTGTGCAGAGTTCACAACAT TATAACAGTGAATGGGCAGT
39727306 F 0-14:T>G-14:T>G	TGCAGAAGCATTGTTGGGGAGCTAGATGAGGAACCTGATTCTAATTTGG ACTTGTGCAAAATTGAGAGCT
46756835 F 0-53:A>C-53:A>C	TGCAGGTTTCCAGGAGTTTCTTCTCGATGGGCAACTTTGACTGAACTTTTTT GTAATTTACCCACTTCTCTG
39720323 F 0-5:G>T-5:G>T	TGCAGGAGATAGGGGAGCAATTATTAC

39715439 F 0-54:C>T-54:C>T	TGCAGCACCAGCTACCTCCATAAATCAAAAATTAGCAAGACACAGGGATATCCTCCATGAATTTACACA
39717533 F 0-66:C>T-66:C>T	TGCAGGTGATGGTGAAGTGAACGTTGATGAGTTCCTTTAGAATGATGAGGAGAACAACATATGGATTCTA
39726181 F 0-32:T>A-32:T>A	TGCAGCCTTGGAGATGCCGTACGCTGGAAGCATTGTTGTCCATCCATTTGCTTCTAATCTGTCTTCCTT
39716678 F 0-57:T>C-57:T>C	TGCAGCTTTGGTTTGGATCTTTTGGAGCATTCCCTCACTTTGTCTGCTGTTGACATGCTATGAAACTCCT
39718355 F 0-46:A>G-46:A>G	TGCAGTGCCTTCTCAACCACACCACACTTACAATACATATCAATCAAAGA GTTTCTACAAAAACGTCT
39727061 F 0-28:A>G-28:A>G	TGCAGCAACCCCTCTTCAAATGGGTTCCATTGCTTGGAGGCTTAC
39728663 F 0-32:T>C-32:T>C	TGCAGTCAAATTA CTCTTATTTTTTAGGATCTTCATCCATATTATTAC
39726814 F 0-29:T>C-29:T>C	TGCAGTTGACTATCTAACCTACGGCTCAGTGGATTTGCGCTTTGCTCCCTATGGACCCTTTTGGAAAGTT
39720419 F 0-13:G>A-13:G>A	TGCAGGCTCTCTTGCAGAAAATGCACGCACTGTAAGGATTTGCAATTGTTATGATTAC
39713713 F 0-64:A>T-64:A>T	TGCAGAACCTCCTAATATTGCTGCAAGGACCCTTGACATCTCATGTGGGTCTTCCCTTACCGATGCT
39722862 F 0-42:C>T-42:C>T	TGCAGCTAGAATTTTTTGAAGAGCCTGGTCTTGTA ACTCGATCGAGACTCCTCTCCGATAATGGTGA
39722759 F 0-67:T>C-67:T>C	TGCAGCGAAGAGTGTGAACGACATTCCAAGGTATCAATACAATTACAATATAATCTCTCGCTGCTTGT
39729173 F 0-62:T>A-62:T>A	TGCAGTTGGGATCTTGCTAAGATGCATTCAACAGGATGGGAAGTGCAGAAATATCATAGCTGTTACAGA
46776198 F 0-31:C>T-31:C>T	TGCAGAGATGCAACCATTATACGAAGAGTTTCAGAAGGATTAC
39726050 F 0-27:C>T-27:C>T	TGCAGCAGCATCTTCACTATTCTTGTTCCTTTCCGAGATTGACACCAAGAA TTCCAGGACCAGCTTTACC
46754511 F 0-9:C>T-9:C>T	TGCAGAGTGCTTGCTCACTTTTGCACGTGAATAAGATATTTGAAGTTGGCATATCAGAGAATCTTGGAG
46767068 F 0-33:G>A-33:G>A	TGCAGCAAGCTGGCCAAGGAAGAATCTGTGCTCGTTCTCCCTGGTAATCAACATTAC
39716419 F 0-62:C>T-62:C>T	TGCAGCTGCACCATTCTCTCCCTTGGTTTTATTATTGCATAAGGAGGAAA TGGGATGGTTGTCTATGTC
46775546 F 0-23:T>A-23:T>A	TGCAGAAGGTATCTTGTGGCTGTGTGAGTAATTTGTTTCAGTTCAACTATTTAC
39724747 F 0-7:T>C-7:T>C	TGCAGAGTGCTAAAACAGCAACTCCGTTTTAC
46760930 F 0-24:C>T-24:C>T	TGCAGCTTCTTTGCTGATCGTTGACAAAAGTTTTGCAGCAGTGTTAC
39725508 F 0-43:G>A-43:G>A	TGCAGAAAATGGAGTCAAGAGAAAGTGGCCATTTTCAAGCAGTGGCAGTTCAACTTCCATTGGCAGTG
39728023 F 0-6:C>T-6:C>T	TGCAGCCTACAGAAAAACATTCATAAGACA ACTGAATAAGGAACAATAGATTAC
39714898 F 0-63:G>A-63:G>A	TGCAGATCCTTGTGCGGGTTACATTTTCATGTTTACTTTGCTCGATGCTGATGTCAATATGGTGAATTG
39720373 F 0-29:A>G-29:A>G	TGCAGGCAACTTCCAGTCGGTTACCAACAAATGGAGCTCAGGGGACAAA TTAC
39727693 F 0-47:C>A-47:C>A	TGCAGGATATCAACTTGATATCGTCATTCTAATTCACTAAATTCATACAA CAATTATAATCTTCTCTCA
39717768 F 0-59:T>C-59:T>C	TGCAGTAAGCACAGAGCATTGTGTTCAATATTACAATGTCATATCTGTCA TATGTGGCTTCAAATCTT
46754517 F 0-40:T>C-40:T>C	TGCAGAGTGTTCTTCCCTGGCATTCTTCAAGGGGACAAATCTGACTCTCTTCTGTATGGTTCTGTTGACA
39717598 F 0-68:C>T-68:C>T	TGCAGGTTATAAATTTAGGCCGTAGATTCATAGCATCTACAAAATACATCTTCTAACTTTTCTCCCCC

39727379 F 0-64:T>G-64:T>G	TGCAGAATCCAAAACCTCTGTACTACAAATGGGAAGTCAAGTCCGAATTG AAGTCCCCCGACTGCTTTAC
39728023 F 0-11:G>A-11:G>A	TGCAGCCTACAGAAAAACATTTCATAAGACAACCTGAATAAGGAACAATAG ATTAC
39715852 F 0-24:G>C-24:G>C	TGCAGCCACCTTTTTCAAATCCTCGGCAGTGCTCTTTCCATCCCAAAATG ATTCAAGAGCAAACCTTGAG
46762283 F 0-55:T>C-55:T>C	TGCAGGTTTTTCAGCATGAATCTTTCTGCTCCATTCATTTGTGAGTTCTTCA GAGATGTGCAGGAGAAAG
46775149 F 0-30:A>G-30:A>G	TGCAGTAGAACCTAAATCAAAGAAAAGGAACCTTATCAACATCATAATC AAGCCAAAGAATTCTAATCT
39721247 F 0-16:T>C-16:T>C	TGCAGAAATTGCAGGCTCGAGATTCTGGAACCTTTCGCAGCGCTAGTATC AGAAATGTTTCGATCAAGACG
39729130 F 0-43:C>T-43:C>T	TGCAGCATGAAGGGCTGTCCGACCCATACTGTCCACCATATTACAGCAA TCAGGACGACAATTTACAAG
46763984 F 0-13:C>T-13:C>T	TGCAGCTAGAGGCCTTTGATACGTCAGCCAGGCGTTCCGGTTCAAGCTA TGCCACCACTTACCCAGCT
46772327 F 0-12:T>C-12:T>C	TGCAGTCAAGGCTCTTGCATGGTGTCCATTCCAAGGCAACTTGCTCGCAA CAGGTGGAGGTGCTGGAGA
39725937 F 0-25:T>C-25:T>C	TGCAGATTTTCAGGATAAGCGTTACTTTTACTACAAAATTCAAAACAAA AAATGTAACCAACTAAATCA
46760877 F 0-26:C>T-26:C>T	TGCAGCCTAAGAAGCCTAAAACAAACCTGATCTTTTATGATTAC
46775699 F 0-42:G>A-42:G>A	TGCAGGGGAGGTGATACCAGCAAACCTTGGCAGCCACAATGACGGAGAG TGGAGGGCTATCGGACGGAAA
46775909 F 0-21:C>T-21:C>T	TGCAGATCCTGTAAAGCCAATCATCCTACACAGTGGACCATATTAC
46775920 F 0-18:C>T-18:C>T	TGCAGGTGTATTTGCTTACAGAGGAAATTTGTCCTGTTATATTAC
46772963 F 0-9:C>T-9:C>T	TGCAGCTCTCGTTTTAGCACTCATCTTAC
46774415 F 0-33:T>C-33:T>C	TGCAGAAGATGCAAGCTAAGCTGGATAAGTGCATCAAAGAAAAGAAAT TTCTAGATGACGTTAGTGACC
46775310 F 0-12:C>T-12:C>T	TGCAGGAATCATCTCCACTCTTCGATTAC
46776067 F 0-57:G>A-57:G>A	TGCAGCAGAGCTGGCAAGGGATCGGATTCTGATTGGAATTTGTGATGGT CCTATGCTGAGTAAAAAAA
39729616 F 0-39:A>G-39:A>G	TGCAGTTCGGTGGAAAGATTCTTGTTATTCCACGCTGAATATCTGGTGCCC TTCCCAAAGTTGTTACAGA
39728455 F 0-19:G>T-19:G>T	TGCAGATCGTGAATTGTTGGGTCAGAAGTTCTGGATGTCTTAC
39719401 F 0-25:T>A-25:T>A	TGCAGAAGCAGGGGAGAGTAAGGTATTATTGAAATTAC
39713697 F 0-23:C>A-23:C>A	TGCAGAACCACTAATTAGAGGAACAATTTGAAATGGATGACAATCTAAC TGAGAATCTGTCTAAAATCT
39719491 F 0-17:A>G-17:A>G	TGCAGACAAACCAAAAGATTTTCATTGTCAATATCTCTGTAATTTAC
39719480 F 0-6:A>C-6:A>C	TGCAGAATTCTACCAGTAAGACACCTTAC
39724772 F 0-18:T>C-18:T>C	TGCAGAGTTCAGTTCAGCTATCCACATTAC
46774612 F 0-47:A>G-47:A>G	TGCAGTATAAAGGCGCAGAACAAGTGAGATATTATATCCTTGTTAC AACCTCGGATGCCTGTGGAT
46775568 F 0-10:T>A-10:T>A	TGCAGCATCATGAGTAAGAAGGTGGAACCATTAC
46775579 F 0-18:T>A-18:T>A	TGCAGCTGAAGCACTGAATCTTTTCAATGAAATGATTAC
39724313 F 0-35:T>A-35:T>A	TGCAGTTGATCATCCTCTAATGTAGCATACCATGCTGGAATTTCTGTGACC CCACCAAAGTTGCCTTGAG

39724338 F 0-21:G>A-21:G>A	TGCAGTTGCTCCACCTGTTTCGAATGTGCGAGTGGGCCCTGAGACAGGTTGAACCCGATTTTCCTTATA
39727013 F 0-28:T>C-28:T>C	TGCAGAGTGATCATCTCCTTTGGTACCTTACTCTTAC
39728281 F 0-18:G>T-18:G>T	TGCAGCTAGTGTCCAGTAGTCTAGTGAAAAGTTCATGTCCTTGGCCATGTATTCGCGTGTAAAAGGAAA
39729066 F 0-39:T>C-39:T>C	TGCAGAAGTGTGCTCTTCAAGTCTGTGAAGCCACTGGGTTGCTGAGTTCGAAGATGCCATTGATCTATC
46767095 F 0-20:A>T-20:A>T	TGCAGCAGTAGGTTTGATCTAACAGTTAC
46770746 F 0-25:C>A-25:C>A	TGCAGAAGGTAGCTGTTATTCGGGGCAAACCTTAC
46770870 F 0-23:C>G-23:C>G	TGCAGCAGGCTTTCTCTTCTCAACCTTAC
46770879 F 0-15:C>G-15:C>G	TGCAGCATCCTTGGTCAAGTGTCTCAGGTATATTTTTGGGATTTAC
46772412 F 0-65:G>A-65:G>A	TGCAGTTACCATGGATGAGCAGGGAAATGAGACGTTTGATACAAGTGGCGCTTTGATAAACTACGCAA
46773536 F 0-10:C>T-10:C>T	TGCAGCAGATCACTGGTTTGGCCAAACAGGCAAGTTTGACACATTCACCATGTCAACAATGCATTATTT
39719342 F 0-19:A>C-19:A>C	TGCAGAAATTTATGGGCTCAATATTCTTGCAGAAAATGTTTCAGGTAAGACTTTCTTTTAC
39715534 F 0-35:T>A-35:T>A	TGCAGCAGCAACTACCACTGTTGTAGCCAAGCGCTTTGCTTTTCTATTAGCTTCACTTATAGAATTATT
39722627 F 0-23:C>A-23:C>A	TGCAGCCATCGGGAAGGAGTTCACAAGAAGCACACTACTACTTCAAACCAAAAGAGAAAATGGATATAGC
39724861 F 0-8:A>C-8:A>C	TGCAGCAGAAGTATGATCTGGAAACAAAGAGATTTAC
39725471 F 0-35:G>T-35:G>T	TGCAGGAATGATTCTAAGTTAGCAATTAGAAGTGCACCGGTGTTTTGAAGTGTAAATTTCTGTGAGCA
39715760 F 0-27:G>T-27:G>T	TGCAGCATTTCAGATATTCGCAAGCTTCGTTTCGGAGCAGCAGAGTCCCAAATCATAGATTGATCAGCCTC
39717749 F 0-46:A>T-46:A>T	TGCAGTAACTAACAACCTGATACATATATGATAATATGATCAACATAAAAATAATGAAATGCTCATGATC
46755567 F 0-45:T>C-45:T>C	TGCAGCCGTAGTAATCCCCAAGGATAATTTTCATTGTGAGTGCATTATTTTAGCATAGCAAAGTCGTCC
39714482 F 0-62:A>T-62:A>T	TGCAGAGCAAATTGCTTTTGAAATCTTGACATGCTTTTTTCTGAGTTCCATCATTATTATTATAGGTGAA
39726423 F 0-50:T>A-50:T>A	TGCAGGCACATAGAAAGCTAATGGTGAGAAGCATAAAGAAAATCCAACATTGGAAGCAACTCATCTAA
39720706 F 0-32:A>T-32:A>T	TGCAGTGAAAGGTGGAATTTGGGTGAATGATCAATTAC
39716529 F 0-21:C>T-21:C>T	TGCAGCTTAGTTTTTCGACTTCGAATGCTTTACGAGCCAGTCAATAACAGTGTGATATTGGTGGAGTT
39726257 F 0-34:A>G-34:A>G	TGCAGCTCCAGTCGGTGGGAATGGCTGTTTGATCATAAAAAACCAAAAAGGAATTTAGAAATAACTTAC
39726994 F 0-25:C>G-25:C>G	TGCAGAGACTGGTGAATCTGTGCTCCTTCTTAC
46755438 F 0-30:C>A-30:C>A	TGCAGCCACCTCTGCTTGCATCGCAGTGCGCAAGATCCAACCTTGGTGTCGACCACAGCCAAAGGTGG
46755747 F 0-8:A>G-8:A>G	TGCAGCTAATAGGCAATACTCCTATGGTGTATCTCAACAAAATTGTAGATGGCTGCTATGCCAAGATTG
46768538 F 0-10:A>G-10:A>G	TGCAGAGATCACGGTGCCATGTAGGAACATTTTTGTATGTCAATCTGGCAGTAACATCAAACATGATGA
46755807 F 0-63:A>G-63:A>G	TGCAGCTCAGCCATAAAAACCTTGTGCAAATTAGATTTGCAAAGTTCATCTGTTTTTCATCAAACCTTA
39725706 F 0-32:A>G-32:A>G	TGCAGAGAAGTGCAAGAAAGGAACATCAAACAACCCAGCTGCCAAAGAAACGAGTAGCTCATGTCGCTC

39726298 F 0-25:A>G-25:A>G	TGCAGCTGCTGTAGAATCGATTGGAAATTCTCTTCTAAAGGATCTCTCAA TGCCTTACCCAATCATCTC
46764364 F 0-38:T>C-38:T>C	TGCAGGAGTAAGCTGCAACAGTTGGCTGAAGATGGCCATAGACAGCAAG AGGAGCTTCTTCAACGACAG
39726437 F 0-11:A>G-11:A>G	TGCAGGCGAGGAAACTCATGGCCATCCATCAATTTTCATATCCACCCTTC TTCCAAAACCTTCATCCAA
39728526 F 0-22:A>T-22:A>T	TGCAGACGTTTTAGATACATTGACTGTCTTCTACGAAGGTCCATAGAAAG ATTCTGAAGCTCTGTAGCA
46757776 F 0-66:C>A-66:C>A	TGCAGTTTGGGGACATCACTTTCAGAGGGAAGCCATTTTGAAGAAACC TACTAATAATCCTGAGGCAT
39716073 F 0-51:C>A-51:C>A	TGCAGCCTTCAACCGAGGGCTAGGCTCTGGCTCACCCCTTCTCCAAAATAG GCGACAATTTGCCAGCATC
39726526 F 0-50:C>T-50:C>T	TGCAGGTCCTGAGGAAAATCTGTTGGTACCTAGTTCTAGCACCATGAT CCCATGCAGTCAAGCCTTC
46773772 F 0-61:A>G-61:A>G	TGCAGTCTTCCAACCTCAAAGCTTCTTATCTATGATTTTCTAGCAATGGG CAGCTTAGATGATTTCTTG
39719807 F 0-10:A>T-10:A>T	TGCAGATTGGAATGAATAAAAAGGCTGGAGAGCAGTTAC
39716065 F 0-16:C>T-16:C>T	TGCAGCCTGTTCCCCACATAATAACTCCTACTTTGATGATCAATCGTGCA AGTAAGATATTCTTACCAA
39722513 F 0-9:G>A-9:G>A	TGCAGCATCGACTTCTCTCGGTGATGTTTCTGGAATGGAAGATTGTAATC AATATCCCAAGTTTGTATA
39728287 F 0-23:G>A-23:G>A	TGCAGCTCGCAGCGATCACTTCGGAGGAGCTTGTTGAAGATCCTTTGAA ATCGGCAGAGCAGTCCAAGC
46776614 F 0-35:C>A-35:C>A	TGCAGAAAAAACTGAAGCTGAATTTTGTAGCAAGCACCAAAATCCAGA ACAAGCTGTACTTAC
39720470 F 0-44:A>C-44:A>C	TGCAGGTAAGGACGTAAGGTGACTTTCTCACCAACTGATGACCAATTA C
39719995 F 0-27:A>G-27:A>G	TGCAGCATGCAAGAGAGCAAAACTTGCAAATTAC
46756224 F 0-60:C>T-60:C>T	TGCAGGAGAGGCACACTCATTGAAGGTGGAGAAAATTTTATTTTCGAGGG AAGTCCGACTACCAGGATGT
39727797 F 0-15:A>G-15:A>G	TGCAGTATAACAAGGCACAGAACAAGTGAGATATTATATCCTTGTTTCGC AACCTCGGATGCCTGTGGAT
46761052 F 0-46:C>T-46:C>T	TGCAGTCATGGCACCATCACCTATAACTGCAACCACATTGTTCTTTCTTC CCTTAC
46773536 F 0-17:T>A-17:T>A	TGCAGCAGATCACTGGTTTGGCCAAACAGGCAAGTTTGACACATTCACC ATGTCAACAATGCATTATTT
39713294 F 0-28:T>C-28:T>C	TGCAGTAGTAAATCTCCAAATGGAAGCTTGAGTTGGCATGCAATACATT CTGAAAGCACTTCAATGTCT
39727054 F 0-15:C>T-15:C>T	TGCAGTAAAACAAGTCCCGGAAGGTTTATGAAATTAC
39718976 F 0-56:A>T-56:A>T	TGCAGTTTTTATTTGTGGACTCAACATTCTTGCAATCAGTCGTTTTGAAAC TGAGAAAACCTGCTTGGTT
46775797 F 0-35:G>A-35:G>A	TGCAGCTGGACACTTTGAATGAGAAGATAGTTTCTGGTGGTTTAC
46757148 F 0-36:G>T-36:G>T	TGCAGTCCACGTATACAGAGGTGGGACACGTGGCATGATCTCAGCAGCA TAAAAGCTAAGCCGCTTCT
46773722 F 0-49:C>T-49:C>T	TGCAGGTATTTTCATCTTCAAAGACATTGAATCTCCACTTTCATCTATCTCC TTTTCAATCTCAATGGCT
39727780 F 0-47:G>A-47:G>A	TGCAGGTTTTGCAGTCGAAGGATCTTCTGGTGGCAATCCAAGCCTCCGTC TTCTTTCTGCCTGTGAAGA
39713451 F 0-12:A>G-12:A>G	TGCAGAAAATAAACGACCTATAATTCCAAATTTGGAATTCGACTACCCT GATCAGGATATTCATGAAGA
39717994 F 0-65:G>A-65:G>A	TGCAGTATTTTGTAAAAGCTACACCTTGCAGGCCAAAGACGAAGATCGA AAAATCTATAGCGCCCGAAG
39721858 F 0-10:G>T-10:G>T	TGCAGAGGATGGACGCATAGGCCAAAAGACAGGCATATACACATCTGTC ATATACGTACACTCAACCAA

46755855 F 0-60:T>C-60:T>C	TGCAGCTCTGATTCTTTCAGCATAGGCCCTCAGTTTCTTGATCGTTGGAA CAGTCTCCAATGAGTCCCT
46756762 F 0-65:T>C-65:T>C	TGCAGGTCTTTGAAAGATGTCAAAGGCTACATATTCAGTGTCTCATC AAAGAAGCTTTTGGATGCT
46772914 F 0-7:G>A-7:G>A	TGCAGCAGCAGTATGATCTGGAAAGAAAGAGATTTAC
39721828 F 0-21:A>G-21:A>G	TGCAGAGCTTCCATCACCATCAGGCTCCTTCTCAAAGTGTTGGTTTGCAG TAGCAAAAGCTATATCTTC
39718395 F 0-48:C>T-48:C>T	TGCAGTGGAGCTCAATGGCGTGCTTTATGCAACAGGGGGTTTGATGGC AGTGACTATTTGAAGTAAGA
39727816 F 0-67:T>G-67:T>G	TGCAGTCATAAAAAGCTAAAACAAAATAACGAGAGGTAATCAGGATTAC AAGGACAGACAATCATAATC
39728884 F 0-64:C>T-64:C>T	TGCAGGACATGTGCTGTTGTAATCCTGAATATGATGGTCTAATATT GGTTCGTTCTCCTTCCCTC
39720539 F 0-17:C>T-17:C>T	TGCAGGTTGCTGAATTTCTTGTTTTAC
39726288 F 0-40:C>T-40:C>T	TGCAGCTGATCCCAAGTTACTTGTATCTAAAATCGTATCGCAACACAG TTCCTGTGCCAAGGCATTG
46755273 F 0-43:A>C-43:A>C	TGCAGCAGTCTGCCAATTCCAGAAGGTCAAAGAACAAATAGTCATTGCC ATACAACCTTCAGAAGCTCAC
39713452 F 0-55:A>C-55:A>C	TGCAGAAAATACCATGTCTACTTCAATCTATGCATTTCAATCATATAACT TTTATAGGCTGGTTGTAAG
39716966 F 0-61:C>T-61:C>T	TGCAGGATATGGATCGAGTTTTAGCTGGCCAGTATGTTTCTTGCCATTT CTCTATTGCTGCTTTTTTA
39717046 F 0-41:T>G-41:T>G	TGCAGGCAAGAATTCAGTCAGTTTTCTTTGAATGAAAATCTGAAGATTG ATCATCAGCTTGAACCAGA
39723251 F 0-25:T>C-25:T>C	TGCAGGATCTATTGCCCTTCATGGATGGAGGTCCAAAGGATCATCATGTC ACCTTATCTCATAAACGTC
39729344 F 0-52:A>G-52:A>G	TGCAGATCAGAACTTCAACACCAACTTAGATTTCCAGCCCATAAAGAA ATGAGCATTTTGATTTTACA
39727682 F 0-50:A>T-50:A>T	TGCAGGACTCAAGAGCTGTTTCGATTTTTTGATCGTCGGGTCAGTTATTCA ATCTTTCTTCATGTGTTT
39717153 F 0-55:C>A-55:C>A	TGCAGGCCTTTGCTCGTATATTTGGGTCTTCATGTGAAAGGAATTCCTTT AGGAACTCCAAAATAGATG
39715342 F 0-29:T>C-29:T>C	TGCAGCAAGCTGATGAAAAGGAAAATGGATTTACAATCAGGTAGTAGGA TCGAAGGAAAAGGGAAATAG
39717643 F 0-34:G>T-34:G>T	TGCAGGTTGAAGCAGCTGTTTTGTACCCGGGCGCGCTCCTACTGTGCTT AGAATCCGCATGAGGTTTG
39724602 F 0-46:G>C-46:G>C	TGCAGAAATAGGATGGTGGTGTTCGCTATCCGCCATTTCTAAGCAGCTG CAATTAC
39716555 F 0-9:G>A-9:G>A	TGCAGCTTCGTTTGGCATAAGCACAATATTGCTGGAAAAATATATCACCC AGCCAAGGCACATAGAAGT
39718636 F 0-29:G>T-29:G>T	TGCAGTTCAGTTCAGAGGGCTGTCTGGAGCCATCACCTGCTAAAGTTCC AGCACCGTAGGGGCTCCCG
39720858 F 0-17:C>T-17:C>T	TGCAGTTGCTGCCGTAACATTGCTGCTTCCCTTTGCCAGTACTAATGATT AC
39719465 F 0-19:G>A-19:G>A	TGCAGAATGATGCACGCACGAGCATGTCATTTAC
39722303 F 0-44:T>G-44:T>G	TGCAGCAAGTTTATTCTGGGCATTCCTCTCAAAGAGAACTTTCTCAGCA CATGGTACTGATGGCTTCC
39714198 F 0-68:C>T-68:C>T	TGCAGACCCAGCAAACATCCCATTCACTCCAAAAGGAAAGTATCTACAA GAACATGAGAAAGCAAAAAC
39713903 F 0-12:A>G-12:A>G	TGCAGAAGGTCCATGTAGAAACACTCTGGCAACCTTGACAGCAGGATTAC AAACAATTTTTCCAATATGA
39714431 F 0-59:A>C-59:A>C	TGCAGAGAGTAGACAAGTCAGCAGGAGTACACTCATTACTTTTTAGCTT CTCCTCAGCAGTTGTTTCA
39713308 F 0-56:C>A-56:C>A	TGCAGATCTCCATCCCCAAACCATGACTGGACGACAAGAACAAAGCCGA GATAGAGCAAGAGTGAAAAA

39716503 F 0-5:T>C-5:T>C	TGCAGTTGTGAATCAAATTCTACTTTCCATTCAAGAGGAAGCTGCTTTCA GCTGACACTTTGAAAAAAA
39728526 F 0-9:T>C-9:T>C	TGCAGACGTTTCAGATACATTGACTGTCTTCTACGAAGGTCCATAGAAAG ATTCTGAAGCTCTGTAGCA
39713498 F 0-15:A>G-15:A>G	TGCAGAAACATGCTCAATGAGCCTGCTGGTACCTCCTCAGTCGTTCCACT TATAGGGACTTGTGGTAAG
39714730 F 0-19:G>T-19:G>T	TGCAGATAAAGGGTAGAAGGGGATCAGGTGCAGATCCATGTTTATTTCC CCTGCTCTTTGTTGTCAGCT
39725094 F 0-18:A>C-18:A>C	TGCAGGCAAAGGTCTAGCAAACATTCCAAAATCTGTTGCCTTAC
39724334 F 0-45:A>G-45:A>G	TGCAGTTGCCAACTCTACCCAGCACCCAATTCCATAAGGAGATCACCTG CAAAACGTAGCTGCAACCA
46760941 F 0-10:C>A-10:C>A	TGCAGGAAATCAACTTATGCGGTTGCTGTTAC
39715828 F 0-58:G>A-58:G>A	TGCAGCCAATGCTAACTGCATGTGATCGATAAAGGTTGAATTAGATAGTA CATAATAAAGTTATCAAATT
39728072 F 0-41:T>C-41:T>C	TGCAGGTATCGTGACCCAAAAACAGGGTTACCTTATGCAACTAAAGAAG CTTTTAC
39716122 F 0-6:G>T-6:G>T	TGCAGCGATAATCTGCTCGTGGAGAATATTACTTTAGATATCTTGGTGCC GTCCAATAGAATTAGGTGA
39714199 F 0-26:G>T-26:G>T	TGCAGACCCAGTGGCATCAGAGAACAGCATACCTTTGTCCCCTCAATGG CTATATGCCAAGCCAAGTGA
39724760 F 0-39:A>G-39:A>G	TGCAGAGGGCACAATCTGTTTCAGGACACTTCCACCAAGACATATTTTAC
46755252 F 0-52:C>G-52:C>G	TGCAGCAGGGGAAGGATTTGGATTTCAAAATTGGAGGCAAAATCGGAGA AGCCAACGAGGTAATGGAAG
46774035 F 0-29:T>G-29:T>G	TGCAGAAGGAAATGTTGGAGAAGGTGGGGTTTTTAC
46775267 F 0-7:G>A-7:G>A	TGCAGAGGAECTTCTTGTCTCCATTAC
39721173 F 0-44:A>T-44:A>T	TGCAGAAACCATTGAAACTATTTCCACAGTTGTGTACCCAGCTAATTATG GGACCAATAAGTTGCGGCT
39723486 F 0-40:A>G-40:A>G	TGCAGGGGACAAGATCACATGAGGAACAGGAGATAGAGAAATAGATGA GGAAATGATAAAGAGAGTACA
46754306 F 0-31:G>A-31:G>A	TGCAGAGACGGGATCTACCTTCACTAATCCAGGGCCAATAGCAGCTGAA GTACCTAAATTTCTCCAGA
39719672 F 0-38:T>C-38:T>C	TGCAGATAACAATTACTTATTCACAAATCAGTTTACAGTCATCAGATTTT AAATTAC
39719938 F 0-27:C>T-27:C>T	TGCAGCAGATATCTGGAGCGTATCCATCCCTTTTCATTTTAC
46771749 F 0-37:G>A-37:G>A	TGCAGAGAAGTGCAAGAAAGGAACATCAAACAGCCCAGCCGCCAAAGA AACGAGTAGCTCCTGTGCTC
39714006 F 0-36:G>C-36:G>C	TGCAGAATCCTTCAACTCCCCTTCAGACCTTTGACAGCGGAAAACATATA TTGATATGATAGCCAGTAA
39727224 F 0-6:C>T-6:C>T	TGCAGTCTCGATGATGCTTCGTTCAACAGATTTGTGCGTGGTTTAC
39715231 F 0-28:T>A-28:T>A	TGCAGCAAAGTCACAACTCAGTAAGACTTTACAGATTAGAAATTCTTG TTTCAAATAGTCTTTTCTT
39723551 F 0-48:T>A-48:T>A	TGCAGGTAATGTTCTTATTCCCTTGTGAAATGGTATAGATAATAAGCTA TGTGGCTTGAAAGGGCAAA
39713710 F 0-33:T>A-33:T>A	TGCAGAACCGATTCCATATGCTAATGTAAAACTGTTGTCATAGTATTGA AGCTGTTCAAAAAACCAA
39725926 F 0-20:T>C-20:T>C	TGCAGATTGTCAAAGTAACTATTCACGATGGTACTCTAAATAATAAA AATGAATGGAATAACAATTA
39714124 F 0-31:C>T-31:C>T	TGCAGACAAGGTGACAGATCCTAAGATTAGTCGTTTTCTATACGAGAAG GCGTCGAGCAAGGACAAGAC
39715049 F 0-63:T>G-63:T>G	TGCAGATGTGAAGAAGAAAACCTTGATGTTATTTGATATAATATTTCTGA AAGATCAAGCTTCTGCTCA

39720600 F 0-42:A>G-42:A>G	TGCAGTAGAACAACTGCTGCTTGCCAGTTTTTCAAAGAAAGAAACCCT TAC
46757083 F 0-34:T>C-34:T>C	TGCAGTATTATATGAGGACAGGAATGTGCAAATTTGGTGCTTCCTGTAAG TATCACCATCCTCAGCAGG
39720230 F 0-10:T>C-10:T>C	TGCAGCTTCTTCCAAGGGAGAAGAGAAAGCAGGAATATCAGGAGGCTGT TAC
39715670 F 0-51:A>T-51:A>T	TGCAGCATATATGTTTTGAGCTGCAATAAAAAGTCAAGCATAGTCAATA TCAACTAGCAGAGAAATAAA
39728122 F 0-9:T>A-9:T>A	TGCAGAAAATCATCGAGTGTATCGAAGCTTGAAAGCTTATACAGAGTTA CCAAGTTTTTGGCAGGGCAA
39727604 F 0-50:C>T-50:C>T	TGCAGCCTGAAGCCTGTTATGATTTTTTCTTCTTCTTTGGTTCACCTTC CTTCTATTATGCTCTTGC
39723942 F 0-17:C>T-17:C>T	TGCAGTCCCAACTTCTGCATTTCTGTGAGGAACAATCGGCATTCTCCGGGT CTTTTGATCCAATAACA
39713818 F 0-12:A>G-12:A>G	TGCAGAAGATCTAAGACAGAGAATAATCGAACATGTAAGTATCTGTATA TCCCTGGACTAACTTAGTT
39720346 F 0-26:C>G-26:C>G	TGCAGGATATTTCTTCTATTTATTTTCATCAATTTCTTTTAC
39724657 F 0-18:T>G-18:T>G	TGCAGAAGTTGAACTTAGTGCAGAAGTGTTCTTAC
39714411 F 0-37:T>C-37:T>C	TGCAGAGAGAATGCCAGACAGAGATATGGTTCAGGATTTGCTCATAAGT TACATGGATGGTACATGCTA
39716258 F 0-41:G>C-41:G>C	TGCAGCTACCTGGTGTTCTGGATGATTTGTTCTCATATGAAGGTCCTCTA GGTGCAGTTTACTCAAAAAG
39721816 F 0-68:C>T-68:C>T	TGCAGAGCTATTGTCTTAGAACCTGGGAATCCATCTATGAAGAATCAAA TAAAGGCATTAGCTGTGCC
39715680 F 0-8:G>A-8:G>A	TGCAGCATGTTTTGCTAACTCAACATTGCCAAAACTCTACATGCACTAA GCAAGCTCCTCCATACTAA
39722945 F 0-14:C>T-14:C>T	TGCAGCTGAGGATGCAGCAGAAAGGGAAAGTGACACTACCAGTGATTCT GAGGCTAAGACATTGAAGCA
39727054 F 0-5:C>T-5:C>T	TGCAGCAAAACAAGTCCCGGAAGGTTTATGAAATTAC
39716421 F 0-54:C>T-54:C>T	TGCAGCTGCACGAGCTTTCTGGGCAGCCGCAGGATCATCAAACCTGATA TAACCCGACTCCTCTCCGAT
39720479 F 0-23:G>C-23:G>C	TGCAGGTAGAGTTTCACGGACTCGAGCTTAC
39724891 F 0-18:T>C-18:T>C	TGCAGCACATTCTTCATGTCTCCTGCGTTCATAATTGTCCCTCATGTATTAC
39716110 F 0-9:T>C-9:T>C	TGCAGCGACTAGCAGTTATAATGATTTGACGGTCGTTTCGAGTAGTGATC GGGGGAATGTAGACCAGTT
39719817 F 0-44:T>A-44:T>A	TGCAGATTTTCAGTCCGACTCTTCTTGTGTGGTTTTTTCATTCTTTTATTTTT TAC
39721049 F 0-40:G>A-40:G>A	TGCAGCACATCAGGCCATACTTGCGGATCAATCCATGGGGGTTACCGCA GACTCGGCTGGAAAATAACA
39715719 F 0-33:C>T-33:C>T	TGCAGCATCTGGGGGCACTTCAGTTCTCAGAGACGCTCGACAGCCTAGC CCATGGAATTAGAGGTCGTC
39714745 F 0-23:G>T-23:G>T	TGCAGATAAGGAGAAACCAACTGTGATCTTCAATCACCAAGGAAAAGG CAAATGGAGCAAGGAATAAG
39714956 F 0-38:C>T-38:C>T	TGCAGATGACTAAGAGGGATCTTCAATAATCTATCTCACACCCTGGCGA GCAGTGGCACGTCCAAGTCC
39722855 F 0-14:G>C-14:G>C	TGCAGCTACCTCTGGCTTTCTCATATCTGCAAGACCAAGCAAAATAATCA ACAAATATTTGTTATTTT
39722080 F 0-39:T>C-39:T>C	TGCAGATGCATGTGCAAGGAATAGTCATTTTATTGAGGTTGGATTTCCAT ACAAGAGAAGATTTTCTGA
39718465 F 0-24:A>T-24:A>T	TGCAGTGAAAATCTAATACTAGTACCATAACCAATACGATATAGATC TTTACAGAACAATAATCTT
39716763 F 0-62:G>C-62:G>C	TGCAGGAACATAATATGTTTCATGGTGGCTTCGTCTGGCAAGACAACAT CAAAGCCCTGAAGAAAGAA



39721368 F 0-13:T>A-13:T>A	TGCAGAAGATGCATTTACTATAACAACCAAGAACTCACGACTGAAGCGTAGATAGACAACACAACAGCTG
39715220 F 0-44:G>A-44:G>A	TGCAGCAAAAACGTGTATAGTTTATGTCTGAAAGATGTTTCAATGATAATGTCATATCACTGCAAAATT
46756843 F 0-38:G>A-38:G>A	TGCAGGTTCCGCCAGCGAGCAGCCGTGGTGGTCTCTACGCAGAATTTGTTGACCAGATCTCTCTGCCGG
39716813 F 0-54:A>G-54:A>G	TGCAGGAATCTCAAACCTCAGCAGGGACATTAGCAGCAATTGTGAGCACATTGGAACCTGGTTATTTTGT
39724376 F 0-54:T>C-54:T>C	TGCAGTTGTCCGGCTTATGGGGCGTGCTGCTTACACATCACTCTAGAGTGTGCTTTGCAGACTCATCC
39727305 F 0-39:T>C-39:T>C	TGCAGAAAGTTTAGTATAAGAAGATATCGAGCATCATAATTCATGGCTCTTGACGTAAGCATCTGTAA
39714179 F 0-48:C>T-48:C>T	TGCAGACATTTATGTTATAAATCCCAGGTGATCTATTTTGAAGAACCGCTCATGTAAAAGCAGTAGT
39725412 F 0-47:C>T-47:C>T	TGCAGTTTGGTTTGTAGTCAGTGCCTAACAGTACAGATCTGAATGTCTTAC
39721922 F 0-17:C>T-17:C>T	TGCAGAGTGGCTCCTTGCTAGTTACAGATTTTGAATAACAAAACATAAATCACCAAATCACTACTTTC
39727081 F 0-30:T>C-30:T>C	TGCAGCATTCAAATACTCAAATAAATTCATGGCTTTGTTTATTAC
39720328 F 0-8:G>C-8:G>C	TGCAGGAGGCTCCATCTTGGGCTCCTCCTCGTTCTTAC
39718408 F 0-47:A>C-47:A>C	TGCAGTGGATTTCTTGGAACTGTGGAAGGTACTGCCAAACTTATCAGAGAACTCTATGTATATCTTCTT
39727146 F 0-6:G>A-6:G>A	TGCAGGGTTGGAAAAAGGCACTGGTTCAGTTAC
39721598 F 0-65:G>A-65:G>A	TGCAGACATTGTCAGTGCCAATACTGATAGTATGTCTGCCAAGTATTTCTGCAATTGAGATGCAAGTAG
39725202 F 0-27:T>A-27:T>A	TGCAGGTTGTAATCTCTTTCCGTTTCTTAGCAATAATTTATATAAGAAATTAC
39715552 F 0-33:G>A-33:G>A	TGCAGCAGCCATCGGAGTCATCGGTGAGGTGGGAACTCGCATATGCATGGATAAAAGTCTGTGGTTT
39717476 F 0-65:A>G-65:A>G	TGCAGGTATGATGTCTGCATTTTTTGCCCCACAAAAGCTGAAATTTACAATAACATTTTGGTAAATGG
39719973 F 0-5:T>C-5:T>C	TGCAGTAGTCTCCAACCAGGTAAAAATGTTTTTCTGCATCAAGAAAATCTTAC
39719948 F 0-7:G>A-7:G>A	TGCAGCAGCATTATAAATGAAACAACCTTTGATAAAGTTTAGGTCTAGTGCCTTAC
39714933 F 0-18:G>C-18:G>C	TGCAGATCTTCAACGCTTGCAGAATGTCCGACAAATGGAGCATTATCAACATTCCATGAAGTGCCAGAT
39728494 F 0-18:A>C-18:A>C	TGCAGTGATGTCGTTGTTATTGGTATTTTCGTTGCTTGTGTTTAC
39719431 F 0-32:C>T-32:C>T	TGCAGAAGTGGACCATAGTCAAATTAGATTCACCTAATGGAATAAATTTAC
39715064 F 0-12:G>A-12:G>A	TGCAGATGTTTTCGAAAATTCGGGTTGGAAAGCTAACTCCATATGGGATAGAACTCTCAGAAATATAGA
39721224 F 0-7:A>G-7:A>G	TGCAGAAATATGAGATATATTGTTATTCCATTCAACTGAGACTATAAGCTGTTTTCATCTTTTTCATTA
39729510 F 0-9:A>G-9:A>G	TGCAGTTCTAGTTGATTCATATATGAATTGCCAGATAATTTCTATCAAGAGAAGGATCATTAC
39725149 F 0-21:T>A-21:T>A	TGCAGGGTGCAGTTCGGAGGCTTGTGTATATATAGAGATTAC
39727471 F 0-33:T>A-33:T>A	TGCAGATATCTTCTTCTCATCTGATCCTTTTACTGCTACCTCAAATATTTCTCCAGTTCTGCTAAGCT
46756740 F 0-52:A>T-52:A>T	TGCAGGTCATTGAGCCTTGTCAAGTGTGTCTTACGCCAACTTTACCTGAAATCAAAGAAATTCACA
39725167 F 0-13:C>A-13:C>A	TGCAGGTATAATGCTTATGTACAAACTTGTGTGATTAC

39718451 F 0-45:C>T-45:C>T	TGCAGTGGTAGAAGACATATACAGACGAAGGCAGCCACTGCCATCCATG GATGCTATCTATTTTCCTCA
39720445 F 0-15:C>T-15:C>T	TGCAGGGCCCAAATACCAGATATATTTCTAGGAAAAATGTTTGTAC
39726516 F 0-11:A>T-11:A>T	TGCAGGTAGTTATGGACAATGGTATATTGCAAGTGACACTGTCCAAGCC AGATGGAAATGTTACTGGGA
39717203 F 0-49:A>G-49:A>G	TGCAGGCTGCTTTATGTGGTCTCTTGGTTCTTATGCAATCAAGGGTTA GCAAGGTTTATCCATGTCA
39728506 F 0-8:G>A-8:G>A	TGCAGAAAGTAATTGTGAAAGTGATGAGAACATTATAAAACCACACTTG ACTTTGAAGAAGATTTTTAC
39724959 F 0-10:A>G-10:A>G	TGCAGCCATTACTGGTACAAGAAGACCAATCTTTAC
39718894 F 0-20:G>C-20:G>C	TGCAGTTTCTTCTGCTTCCTGATCAATATAATCTTCACCTACAACCTTTG GCTAAGTTGCAACTTCCT
46764323 F 0-32:T>A-32:T>A	TGCAGGACTCACCAAATATACATAGATCACATGGGAGCAAGCTGATTC TTGTAATAAAGCTGCTGAT
39718262 F 0-67:A>T-67:A>T	TGCAGTGACAAGTCCAGATGTTACCACTTAGACCAAATAATAGACATG ATAGATAAATGAGTTCCAAC
39728044 F 0-50:A>G-50:A>G	TGCAGGACGAGCAACTAATAATTACACCACAACACAATGCTATGAGCTG AAAGGCTTAC
39726938 F 0-12:C>A-12:C>A	TGCAGAAACGTTCTCGCCAGCACCTGTCTTTCTAAAATCTTAC
39728526 F 0-25:G>A-25:G>A	TGCAGACGTTTCAGATACATTGACTGTCTTCTACGAAGGTCCATAGAAAG ATTCTGAAGCTCTGTAGCA
39714463 F 0-13:G>T-13:G>T	TGCAGAGATGGGGGTTCATACATTCTTTCCATGCAAGACTTCATGTCTAA ATAAGTGCGTTTTTGATGT
39717346 F 0-17:G>A-17:G>A	TGCAGGGGCCAATCAATGTAGTATTCAAGAGCAACACCATCCCAGCCAT CAAGAGACATATCTGAAGAC
39719483 F 0-11:G>A-11:G>A	TGCAGAATTGGGAAAAATGGGCAATTTTTAC
39718573 F 0-15:G>A-15:G>A	TGCAGTTATAATCACGTTGAAATCGCCATCAATGCCGATGGTCCCATGG CCGACTCCAGAGCTTCTCT
39717211 F 0-47:T>A-47:T>A	TGCAGGCTGTTCAAGGTCAATGGGCAGCCTATATTTATTTCGTGGTGGTAA TTGGATATTGTCTGATGGG
39715658 F 0-10:A>C-10:A>C	TGCAGCATAACAAGTTCCCATTCCTAAACCCAAGATAGATGAGGTTTT GGTAAAAGTGGAAGCAGTTA
39722845 F 0-33:C>T-33:C>T	TGCAGCTACAGTGGTGTTCACAATATGCATTACACTCTGCCTCCTGGT CAATAAGCATCCTTCCCGA
39727360 F 0-58:T>C-58:T>C	TGCAGAAGAGGCATAAAAAGCCATGCTGTTCTCTAATTGTTTGACATTATT TTGCTGCCTTTCTTGACA
39724105 F 0-64:A>T-64:A>T	TGCAGTGGACTTCTTCATCGGAATCAAATGCACAAGGACATTCAAGTGTT TCAGCTGAAAAGATAGATG
39715678 F 0-67:G>A-67:G>A	TGCAGCATATTCATTTGTACATGTTTAGAACAAGATCCTAAATAATGATG AAAATGGTGGGAGTACTGT
39713268 F 0-63:C>T-63:C>T	TGCAGAGACCTTCTGAGGTACGTTCTTATTTGGATTTGGGTAAATTTGA AAACGATTACTGACCCTAT
39715385 F 0-21:C>T-21:C>T	TGCAGCAATGGATCCAAGAAACAAAATTGGTAGCTCAGGCTTGTTCAGG GAAGCTAATCGAGTAATTGA
39720061 F 0-20:A>G-20:A>G	TGCAGCCTAAGCTAGCTAACAGCAGCTTAC
39720874 F 0-27:C>G-27:C>G	TGCAGTTGTTGCGGACTCTCAAGGTGTCAAGGTAATTAC
39720003 F 0-41:T>C-41:T>C	TGCAGCATTGGCAGAAAAATATGCCTGGAAGAAGTGACAGTTATAAGCT CAAATTTTAC
39714181 F 0-13:C>T-13:C>T	TGCAGACATTTGTCGAGGTGGAACCTGATGAGCTAAGTAGGAGGACTAC TGTAAGATCAGGCTCCAGCC
39717619 F 0-43:G>C-43:G>C	TGCAGGTTCCAAGATGCTCCTCTTCTCCTCAAACATATCCTACGATATGA GAACAAATATCAAAAACCT

39713333 F 0-30:A>G-30:A>G	TGCAGCCTTCTCACCTAATTCTGTGTCACCATGAATTCGGCTTGCACCAA GTAAAGCACCCCAAGTTGC
39717951 F 0-65:G>A-65:G>A	TGCAGTATGATTTCCCGAAGCAGGAGACCGTTATACAATTTGTCATTGAT GCCATTCAGGCTGAAGCTT
39719849 F 0-26:A>G-26:A>G	TGCAGCAAATAAGAAAAATCATTGAAAGAAGTGGCTAGTTAC
39723635 F 0-33:G>T-33:G>T	TGCAGGTGGAATCAACTATTGAGTATATTTGTCGTCATGAAGGTCACGGT GCTATTCTTGTATTCTTA
39722185 F 0-45:T>C-45:T>C	TGCAGATTGGCATGGAAAACCTTGAGTCAAGTGGTTTCTCTAAGAATCTG AAAAGAAAAATGTAATTATA
39726612 F 0-54:T>A-54:T>A	TGCAGTAGCATTCAAAGGCTCTTCTTCTTTCATCAAGAGTTCCGAAATT GGAATAATCCGGAACGGAA
39728994 F 0-18:T>C-18:T>C	TGCAGATCTCATTGCCGGTTAGACCTGCTTCAAAGGCAGAGCAAATGAG AGAATGCTTGCATCTTTAC
46761047 F 0-14:T>G-14:T>G	TGCAGTCAATTAACCTTTTGACCAAAAAACATTAC
39715273 F 0-20:C>T-20:C>T	TGCAGCAAATTACTCACTCGCTCTGAGAGATTATGGACCTCAGCAGCAC GAGATCTTTTTGTAGAGGTT
39716532 F 0-49:A>T-49:A>T	TGCAGCTTATAATTTTGTGTCCATTGCAACTGATCTTTACCGAAGTTACA GCTGCTGAATGATCAACAA
39717022 F 0-30:G>C-30:G>C	TGCAGGATTCTCTTTTTCTTTTTTTGCTTTGCAAGGGCAGGAATACAATAT TGCGGATAAGTATAAATC
39720394 F 0-25:G>A-25:G>A	TGCAGGCATTGAGGAGCAAGCTGAGGGAGATGGGGATGTTAC
39714672 F 0-59:T>C-59:T>C	TGCAGAGTCTCGTGCTTCAAGACAGCATTATCCGAAATTTGGTGAAGAT CCATGTAGATCGTCCATTT
39714642 F 0-51:T>C-51:T>C	TGCAGAGTACAGATTGTACGACCCGAAACACGAAACGGCAGAGACATCT AATAAGCTTTTTCACAACAAC
39722086 F 0-36:T>C-36:T>C	TGCAGATGCCCTTTCTGCCCTTGAAAATATGATCCTGAATATTTTGCAA GCTATGCTGTAGAGAAGTT
39721114 F 0-37:A>G-37:A>G	TGCAGAAAAATTTACCTTTTCAAATTAGCTTTCAGTGAATATCCACAGTA TCAGCTATTTGCTCTTAGT
39714137 F 0-37:G>A-37:G>A	TGCAGACAATTTACTCTGCTCGGAGGCAGTGGGTCCGGTGTATTTGCGG GACACTTTTTTTGCTGAAA
39718729 F 0-39:T>C-39:T>C	TGCAGTTGAGTGCTGTATTGTCAAGAACAACCTATTTTCTTGACCCTCTCT CTTTGTTTATTTGATTCT
39721928 F 0-8:C>A-8:C>A	TGCAGATACAAACCAACAAAACACTACATTCAGTAATTGCCAAGAAACCCA TAACGCAAACACTACCAGCA
39727759 F 0-8:T>A-8:T>A	TGCAGGTCTTATGACTGCGAAAGTTGTTTGTCTCATTGAATCACTACTTG AATACAGGTATCTGTTTCG
39717650 F 0-58:T>G-58:T>G	TGCAGGTTGCTGACTCATGGGACGCGCTCGATGGATGGCTCGACGCAAT AAGATTAGTTTACACAATCT
39719356 F 0-35:C>T-35:C>T	TGCAGAACAGTCCATGGGGCGTGAAGCTTGAGGACCCAGATGTTAC
39717626 F 0-58:A>G-58:A>G	TGCAGGTTCTCAAACAACATTCTAGAAAAATCTGTTGATTATCAAATCAT TTCTCCACAGGAGCTCGCA
39724997 F 0-25:G>A-25:G>A	TGCAGCTAGATTTCCCTTTTGTGTTTTAC
39724921 F 0-18:C>T-18:C>T	TGCAGCAGTTCCACATCACCTAGCTCTTCTGTTTAC
46754114 F 0-27:A>G-27:A>G	TGCAGACAAACTAATAGAATAGATAGTATTGCCATCATCTGATACAATA AACTCCATCAACACTAAGAA
39720330 F 0-15:G>A-15:G>A	TGCAGGAGGTCGACCGGTTTGATGATTTAC
39721584 F 0-46:A>C-46:A>C	TGCAGACAGTTATACCCCTTACATTTCCGGTATTTACTTTTATGTACTCG AATCGTCGCCGTGTAGTA
39718530 F 0-32:G>T-32:G>T	TGCAGTGTGTTGCTCAGGAAGAAAACAACATGCATTTGGTGGCTCAGG ATTTTCAGAGATTGGTGAGA

39715073 F 0-35:G>T-35:G>T	TGCAGATTAGA A C T T C T C A T G A T G A C C C C T C T G A A G T G G A G G A T C A A A G A T T C T C T A C T A G T G G C A A T C
46764836 F 0-12:C>T-12:C>T	TGCAGTAA C G G T C C T A G A C G G C A A G C A G C T A C G A G A C A T C C A C C T C T C C G C C G T T C C G A T G C T G C
39717284 F 0-50:G>T-50:G>T	TGCAGGGATGCCATATCTTCCAATTCGATTCCAGCATTCCGTAGAGGTATGTCCTAGTGGGTTTCATAT
39719502 F 0-5:A>G-5:A>G	TGCAGACAGCTCAAATTCATCATGTTAC
39715388 F 0-62:T>C-62:T>C	TGCAGCAATGTATATAGGAGTATTTGATGGGTATCCAAGAGCGTTTAGAAAATTCCGACCTTTTTTGG
39719923 F 0-5:C>T-5:C>T	TGCAGCACCTTATTGTTGGCTGGACCGATGCATCGAGGCGTTTTAC
39727148 F 0-30:A>G-30:A>G	TGCAGGCAACAAGGGCCCCAAAATTGTCTCACAAAGAAGTTCATCATCGGAATTAC
39714795 F 0-67:T>A-67:T>A	TGCAGATAGTAAAGTGCCTATTATCATGGTTGGTCTGGAAGTGGATTGGCTCCTTTCAGAGGTTTCTT
39723613 F 0-10:G>A-10:G>A	TGCAGGTGAAGGATGCCATTTTCAGGACGCTCATTCCGGAATGGAATGTTTGATAATGCACACATCCGAT
39725072 F 0-29:A>G-29:A>G	TGCAGGACCGGAGGTATTGCTTCTTTCTGAGCTAGCACCTGAACTTAC
39719404 F 0-39:G>T-39:G>T	TGCAGAAGCCTGATATGAAAGACATTCATCTATAATAATGGTTAC
39717204 F 0-54:G>T-54:G>T	TGCAGGCTGGCGTCTTCATAGTTCCATGAACTGCATCTGTATGATGTGCTGCTGGCCATTTCTTGGGTG
46755145 F 0-7:C>T-7:C>T	TGCAGCACTGCAAAGCTGTGTGCCATTCGAGACCCATTCAGAAGCCCTGCCACACAAAAGTCATTAC
39726181 F 0-60:G>A-60:G>A	TGCAGCCTTGGAGATGCCGTACGCTGGAAGCATTGTTGTCCATCCATTTGCTTCTAATCTGTCTTCTT
39717752 F 0-50:G>C-50:G>C	TGCAGTAACTCAACATACCCTGTTTTTCTTTTATCATTTTCTAATAAAAGGAACATTATTCACTCTCCT
39715029 F 0-66:T>G-66:T>G	TGCAGATGGGCTTCTAGCAGATATCATGAGTAAAAGTAAGTGAAGTGATGTCCTTACTTCATGTGCTAG
39722463 F 0-55:A>G-55:A>G	TGCAGCAGGACCTGGTCTATCAGAAGAATGTGGAACACTTGACGCCTGTGATTGATTTTTCTTCAGTT
39722155 F 0-52:C>T-52:C>T	TGCAGATTCATCAACCTCACGCCCCAGAAGTCGCCATCTCTCTCACCGGATCGTCCCTCGCCATTCA
39722578 F 0-54:G>A-54:G>A	TGCAGCCAAAGAAGCCTCTGTTAGCAGACAAACCAGAAGGATGCGCTGCTTTGAGTATGTGATGCCTT
39726814 F 0-39:C>A-39:C>A	TGCAGTTGACTATCTAACCTACGGCTCAGTGGATTTGCGCTTTGCTCCCTATGGACCCTTTTGAAGTT
39716410 F 0-9:T>C-9:T>C	TGCAGCTGATTTCTTGATCATTCCAAGTAGATTGCAACCCTGTGGTCTCATCCAGTTGCAAGCCATGCC
39716523 F 0-12:A>G-12:A>G	TGCAGCTTACAGA A C T G A A A T G G A A C T A A A G T T G T C T G C T C T G C T G A C A T A A T T T A T G A T A C C A A A A A A
39720396 F 0-6:C>T-6:C>T	TGCAGGCCAGCCTGATAAAGCTGTTAC
46754973 F 0-38:C>T-38:C>T	TGCAGCAAAATCAACTTGAGGGTCCGATTCCGGGTGAGCTTGAAACTGTTCTAGCCTTCTTGTCTTCA
39718497 F 0-21:C>T-21:C>T	TGCAGTGTGCCTTGGTTTGTGCAACTAAATAGGCGAGAGGGTCGGTGTCTTCCGGTAAAGCATCAGGC
39715254 F 0-34:C>A-34:C>A	TGCAGCAAAGAGGAGATTTCGCGGAGAACAGCCGCTCGAGAACGAGGATTTGTGAAGTAAAGACGAAGA
39714564 F 0-21:T>G-21:T>G	TGCAGAGGAGCCAGGAGGAACTAGAGAAAAACGGCAGGAAAGGGAGCTGGCATTGGAAGAGGAGAGAG
39717969 F 0-61:A>G-61:A>G	TGCAGTATTCCACATTTTGTGACAGCTGATGACCAGAGTCTAACGGTGGCTCATTACCCTATTCAAAC
39716449 F 0-49:A>G-49:A>G	TGCAGCTGCTGTTCTCTCCTTGCCTTTTTCTGCACTGCCATTGTCTCAATCTCTCTTCATTGGCCCT

39714040 F 0-46:A>G-46:A>G	TGCAGAATGCTAGATGTGCAGCGGAGCAGACCCAGACTGTTACGAGAGA GGCTCCTACAATCACTGTTC
39717371 F 0-58:G>A-58:G>A	TGCAGGGTAATTACAGAAGTTGGTGTGTATTCTATTCTATATATAGAGCC AAAAGGAAGACAGGAATAA
39727306 F 0-54:T>A-54:T>A	TGCAGAAGCATTGTTGGGGAGCTAGATGAGGAACTTGATTCTAATTTGG ACTTGTTCGAAATTGAGAGCT
39713893 F 0-28:T>G-28:T>G	TGCAGAAGGGGTAAAAATATGCTTTTGGTATTCTCTTATAATTTACTAAT TTTGCAGAGGTTAGTGA
39726050 F 0-32:C>T-32:C>T	TGCAGCAGCATCTTCACTATTCTTGTCTTTCCGAGATTGACACCAAGAA TTCCAGGACCAGCTTTACC
39724600 F 0-44:G>A-44:G>A	TGCAGAAAGTTTGTCTCAGCTATAGATGTGCAGACATGGATAGGGAGAT CCCTGCTTAC
39729038 F 0-47:G>A-47:G>A	TGCAGTTGGCATTGGCGCTTCGGCTTTCCTCAGAGGCCACTTGTGCTGAT GATCCTAATTTCTTACAGA
39724288 F 0-51:C>T-51:C>T	TGCAGTTCTCAGATTAGCAGTCAGTGGTGTCTCCAGTATAGTTGAATGGAG TCGGAGGTCTGTCTGGAAA
46766917 F 0-12:G>T-12:G>T	TGCAGAAATGCAGATCTAGTAGACATTAC
39714962 F 0-33:G>A-33:G>A	TGCAGATGATAATGCTTCTACCTTCTAAGGAGTCAGCAGCATCTTTGT CAAATAAATGCCAGTAAA
39729265 F 0-62:A>G-62:A>G	TGCAGGGATTATCTACTGAGTGTACGAGGATTGGGTTTGAAAAGTGTGG AGTGTGTTTCGTCTATTACAG
39717233 F 0-53:G>T-53:G>T	TGCAGGCTTTGATGTTCGAGCAGATTTTAGATCCTGCAAAGCAGAGTTTT CTTGCATTGCCCGTCTTTG
39717382 F 0-12:C>T-12:C>T	TGCAGGGTCATACAAATACATTGCCCTTCTCTCTTGAATGGGTTGGCT ACAAGCGGCATCCTATAGT
39717611 F 0-35:T>A-35:T>A	TGCAGGTTTCAGGGTTTCAGAGGCTGGGCTTTCAGCTATAGCACACTCTGCA AATAAAGAAGCTAGTTGATC
39728325 F 0-33:T>C-33:T>C	TGCAGGATTGTGTACACATATTCTTGAAGGTCATAGTGACGCTATATCTT CGGTCTGTATTGTGAATCC
39724337 F 0-60:A>G-60:A>G	TGCAGTTGCTCAAGCCGCCCTTGCTTACCAGCTCTACCAGAAGAAGTTCT CAGGCCCAAGATGGGAGGC
39719565 F 0-22:G>A-22:G>A	TGCAGAGAAGAATAGCTTGTGGAGTTTCAGTCAAATTAGCCATCTTAC
39728866 F 0-52:T>C-52:T>C	TGCAGCCACGAATGCAATTGAATAAGTCCAAGATTCAGATAAAACAGGC CGATATTGATAATAATCATT
39717192 F 0-49:G>A-49:G>A	TGCAGGCTCGGTCACAGCGGTTGGGCGGAGTATTGGCGGTGGAACCCGG GCTGGAACCTGGGCGCGGTTG
46756484 F 0-14:G>A-14:G>A	TGCAGGCTGCATCAGCCTATGTACTTTAGTGGAAAAATTATGGAGAAGA CTTCTGTTCCAATTAGGAAA
39713586 F 0-23:A>T-23:A>T	TGCAGAAATAGAGGGTCAATCTGATTGTGATGATTCGTCTCCTATTGTCA TAGTGAATGAGAATGATCT
39717983 F 0-9:G>T-9:G>T	TGCAGTATTGGTGTAAGAAACAAGCTGTGTTGAAGTATCTGTAGTTCAAC CGTGGGGCTTGTGGCATAT
39721982 F 0-64:A>G-64:A>G	TGCAGATATTCCGAACCTTAGGCACACCAAATGAAACGATTTGGCCTGG ATTTTCCAAGCTTCCAGGAG
39717669 F 0-40:C>T-40:C>T	TGCAGGTTTCAGCCTCTTCAGAGATGTCAGTTTCCATAGGCACTATATAT AATGAAAATTCTGCAATCC
39718618 F 0-30:A>T-30:A>T	TGCAGTTCACCTCAAGTGTCTAGTTTTTCAAGGGCAAAAATTTCTCTCTC CGCAGCTCTTGGTTGCTTC
39716675 F 0-43:C>T-43:C>T	TGCAGCTTTGGAGGAGGAACTTGAATTGCAACGTAGGGAAATGCAGAGA ATTATTTCAAGATAACCCGAT
39721433 F 0-24:T>G-24:T>G	TGCAGAAGTGCCTTGTCTGCATCTCCTTCGACATTATCCACCTTCTCACC GCTAACTTTCTTCTGATA
39725415 F 0-30:T>C-30:T>C	TGCAGTTTGTGTTGAGATCAATGAATCAGCTTCAACAGAGTTTTTCTTTTT CTTTAC
39723364 F 0-22:G>T-22:G>T	TGCAGGCGAATCTAGCGGCGGCGGAGTGGCGGTGGCGAGCGGCTGGGT TGAAGAGGACGTGCATCGGA

39719829 F 0-26:T>C-26:T>C	TGCAGATTTTTATTTTGTTCGTTTTGGCAGAACAAGATCCGAATCTGTTAC
39722740 F 0-62:G>T-62:G>T	TGCAGCCTGCTCATAGAAGCAGTCTACTTTTAGTGGCACAGAAATTGTCC TCAAATGCTTTTCGAGGCAA
39727018 F 0-20:G>A-20:G>A	TGCAGATAACCAAACCTGGCTGTCATTGCTACTAAATTTAC
39715728 F 0-14:A>T-14:A>T	TGCAGCATGACAAAACAAAACCTGATCATAACCAACAAAACCAACCAA AACTGAACTGACTGAAATGGC
39723133 F 0-48:C>T-48:C>T	TGCAGGAACAAGGTGCAATCTCAAATTGACTGTTATACAGGATAGGTTT TAGATAGAGTCGTTATTAGA
39716811 F 0-7:G>A-7:G>A	TGCAGGAGTCGAATTGGAAGGTACAACCTTACTCCCAGATGAAAAGGTGT GACATAGTTCAAAATATAGA
39718809 F 0-57:C>T-57:C>T	TGCAGTTGTCAGCATATGAATAGTGGACCTGACGACTTAGCCCTCTCTGT TTCATGCCAAATCTTGTCT
39719804 F 0-9:A>G-9:A>G	TGCAGATTGACAATGAATATACAGAGTTAC
39722026 F 0-56:T>A-56:T>A	TGCAGATCGCCGTTTTTTGATCCTTCCGTGCTTGTGTAAGATATTGAAG TTTTCTTTGATTCTCAAAA
39727751 F 0-15:C>T-15:C>T	TGCAGGTATTATCCTCCATCTCTTTTGCTTTATGTTTGTTCATTATCA GTTTTATATGTTGAAAG
39716810 F 0-12:G>C-12:G>C	TGCAGGAATCCTGCCTTGGTCCAACGTATCCAAACAAATGTTTATATAAA ATATTGATTTTATATAAAA
39721075 F 0-16:A>C-16:A>C	TGCAGTAAATAGTATAATTGTGAAATGCTACACTAGGACTACTACGCTA CATTATTCTGAGCATAGACC
39715162 F 0-50:G>A-50:G>A	TGCAGATTTACTGCGAACTCTGAGTTGTAAGTACCACTTATGTTTCTGAT GTTGATGTCACTCAGCTC
39716624 F 0-6:T>G-6:T>G	TGCAGCTTGGTACAAGTGTAGTCCCTCTTTGTAATGACTCTGTATGTGA TATATGTGCTAATTGGATG
39726288 F 0-39:T>A-39:T>A	TGCAGCTGATCCCAAGTTACTTGTATCTAAAATCGTATCGCAACACAG TTCCTGTGCCAAGGCATTG
39717680 F 0-37:T>A-37:T>A	TGCAGTTTTGTGGTTTTGATCTTCTACGATGTGAGGGTTCGCTCATATGTT TGTGATGTAAACGGATGGA
39717706 F 0-28:T>C-28:T>C	TGCAGTAAAAGATGATGAAGCATGACAATATTTGGGGAGCCTAAGCCTT TTGAGCAAAAATACATGCTTT
39714750 F 0-65:T>A-65:T>A	TGCAGATAATCAAGATAATATTTCAAAAAACAGCTAATTCCTAGTACA ACAGCAACACCACTAATAAAA
39715606 F 0-51:C>A-51:C>A	TGCAGCAGGGCTTGAAGGCCTTCTAAAGAAGGTTGAGGAGATAATGAAA GTCACACCCAATAGCTATTT
39727786 F 0-57:A>G-57:A>G	TGCAGTAACTTCTTCTCGTCAAAGTGCTGATGTGCGAACAGTCATCTCCA ATTTGAAATCTGTTTTGAA
39714047 F 0-50:A>C-50:A>C	TGCAGAATGTAATATGGAAGTAAGGCTTTTTTTCACTTTTTCATAGTTGTA ACTTTTGAAGTTTTACGCA
39728023 F 0-38:A>T-38:A>T	TGCAGCCTACAGAAAAACATTCATAAGACAACCTGAATAAGGAACAATAG ATTAC
39724254 F 0-56:A>T-56:A>T	TGCAGTTCATTGTCAGCTTGAAGAAACCTCCAGTGTTTTGTATCATCACG GAGTACATGGCAGGGGGTT
39724576 F 0-18:G>A-18:G>A	TGCAGAAAAGAAATTATCGAACGAAGAATTAC
39714992 F 0-50:C>G-50:C>G	TGCAGATGCCATGTCAGAACCTCAGAAGATAAGTTCATAAATTTTCCACCC CATAAAAAGATGGGAAAAA
39720154 F 0-16:C>A-16:C>A	TGCAGCTCAGAAGCAACTATGGACGCTTAC
39713345 F 0-46:T>C-46:T>C	TGCAGCTTAGTTGGGAAAAAGAAAAACCTGAAGATCTCAATGATTGTGG TATCTTATCTAGAGTCTGAA
39715317 F 0-15:A>G-15:A>G	TGCAGCAACTTCTCAGTGATGTTATTATGTCTGTTTCATCCTCAATGGCT CGGCGGGAGCGAAGTTCT
39728224 F 0-12:C>T-12:C>T	TGCAGATGGGACCCGAGCGCTATTCTCGACTATACAGAACTTTGGCC ATGAAAGTCCCATCGTTACA

39715277 F 0-64:C>T-64:C>T	TGCAGCAACAAAAGATACTTGCATGGCAGCTTGCACGCCCTCAGGGACGTCCGAAGAATGCGTTCGATT
39720795 F 0-21:G>T-21:G>T	TGCAGTTACAGCCTGTTCAGATGTCAAGACCATTATTAC
39717055 F 0-6:C>T-6:C>T	TGCAGGCAATCTTGCATCTGACCTTCCACTCTATATGGTACCATTTACAACCAGAGATCTTTTATTCA
39719336 F 0-8:T>C-8:T>C	TGCAGAAATTACATATAGACTACTAAATGAACAAATTTAC
39720625 F 0-22:T>C-22:T>C	TGCAGTATGCAAATGACAATGCTTTGCTTCTTGCCAAGGTATTTCAACCATTAC
39728091 F 0-29:C>G-29:C>G	TGCAGTATTCAAGTTCTTATAAACGGTAGCTAACAAAAGAATTAC
39716242 F 0-25:C>A-25:C>A	TGCAGCTAAGTTTCTTTTATCCTATCAAATAAAATACTAGAATAACATTATGAAAATTTGTATTATATA
39724383 F 0-18:A>G-18:A>G	TGCAGTTGTTGCGTAGACATCGTCGAGTAAATGTGAACCAGGGTTCCCTAGGTCATGAAGAGGTATTGA
39729494 F 0-48:T>C-48:T>C	TGCAGAGACATTACCCAAACATTTGGAAAATCAGAACACAATCTTCTCTGGAAGCAAGGATTTTACAGA
39721142 F 0-58:G>T-58:G>T	TGCAGAAAAGTTTTCATGCTACTATTCATTTTCTGACGCAATCCTGCAACCCTACTAGGAAATAAAATT
39714993 F 0-16:C>T-16:C>T	TGCAGATGCCTTATGCCGAAGCCTACGAATTGGTCCAATGGAACCAGTTGCCTCATCTAAAGGATAGTT
39715691 F 0-15:G>A-15:G>A	TGCAGCATCAGACAGGTAAGGAAGGTTGGATAGATCTAATTCTTGCAGTTCTATTTTAGATAAGCCATC
39718379 F 0-30:G>A-30:G>A	TGCAGTGGAAGAAGAGTAAGAGAAGGAAGGCTCCTCGTCTAAAGAGTATGCAATACATTATTCAGTTA
39718155 F 0-23:C>T-23:C>T	TGCAGTCTATCCTCATTCTTCATCTTTGTTGGACGCAGTGCATTTACTTTTGCCTTCATGCTTTAGAGT
39720504 F 0-30:A>G-30:A>G	TGCAGGTGAAATTGTAATGTAATCTTATCAACATTATTGTCTCCTTTTCATTAC
39716447 F 0-54:C>T-54:C>T	TGCAGCTGCTGGGGCTTGTACAGTCGTATTGACGCAGGTGTAATAACTAACAACACTTTTACTTATA
39724202 F 0-32:C>T-32:C>T	TGCAGTTACGGAAAACTGAACGTGGTGAGATCGCTGCTAAATCTAGCA AATGAGGTCTAATGTGCAAG
39713706 F 0-43:A>G-43:A>G	TGCAGAACCATTTCGTGGCTTCTTGCAGGATATGATATCAGAAAAGGAGTCAACTAACTGTCCAGCCA
46775562 F 0-6:T>C-6:T>C	TGCAGATTTCCCACTCTGCAACCATACAGAAACGTTTTTAC
39718990 F 0-52:T>C-52:T>C	TGCAGTTTTTTTATTTCGAAGCATTGTGAATAATTTTATTAGAGGTTGCTATGTTTCGTCCTTGATCGATG
39720481 F 0-11:T>C-11:T>C	TGCAGGTATCCTATCCGCCAATTTGTTTCACTTTTCTTCAGGAACCTTTT TAC
39717543 F 0-27:C>T-27:C>T	TGCAGGTGCGTCCCATCTAAGAAATGTCTTTTACAGGATGGGACTAACTGACAAGGATATTGTGGCATT
39715661 F 0-12:C>G-12:C>G	TGCAGCATACTTCTGTTTACCATAAGTAATGCCAGAAAGTGTGAAGGTGATCAGGTTGCTCCGGACA
39720067 F 0-51:T>C-51:T>C	TGCAGCCTCAACTGCTGTTTATGTGTACTTGTACTCAGTATACTACTACTATGTTAC
39713732 F 0-34:T>G-34:T>G	TGCAGAACTCTCTTGGCCTCGTTCATGCGGCCTTTGCTGACAAGCCAACGAGGAGATTCAGGGAGAAAC
39717164 F 0-55:G>T-55:G>T	TGCAGGCGCTCTGAAGAAATTCGGTGCAGATGTTGAGTGTGCAGATAGCGGGAAAGCTGCCCTGAAGTT
39727220 F 0-8:C>T-8:C>T	TGCAGTCACTTCCCTAAGAGAAGAAGTAAAAAACACATTAC
39727694 F 0-66:T>A-66:T>A	TGCAGGATATCAACTTGATATCGTCATTCTAATTCATAAATTCATAAGATAATTATAATCTTCTCTCA
39715589 F 0-6:A>G-6:A>G	TGCAGCAGCTTGTGCTGGCAGATATGGGATTCAGGCTTGGCAGGCATTC AAGGCAAGGCCACCAACGGC

39723577 F 0-36:A>G-36:A>G	TGCAGGTATTCTACTATCTTAGTGAGCTTACCTTCAATTTATAAGATCAACATTTCACTACTTGTGGC
46753686 F 0-11:C>T-11:C>T	TGCAGAAAGTACGATTGGCTTCTGCTGCATACCTGCAACTCCCATGACTGCTGAAGAGTGCAGGTTTCT
39726462 F 0-65:T>C-65:T>C	TGCAGGGATGTATTCTGCATTACCTTATGCCCTTGCTCAGGTATGTTGATGGCTTACAAATTCATTTAC
39715734 F 0-38:T>C-38:T>C	TGCAGCATGCCATAATAACTCAAAGACACATGCCTGAATCCC GCGAGATCGAACCGTTGACTCCACTTC
39720775 F 0-27:A>C-27:A>C	TGCAGTGTCCATATCTGTAACACCGTCAACCGCCTTAC
39714507 F 0-25:A>G-25:A>G	TGCAGAGCCAGCGTTTGAGGTGTGGAAATTTGCTTATTTTTACACATTTTGTTTCATTCATGTGTTTTAG
39717609 F 0-17:C>T-17:C>T	TGCAGGTTTCAGGAAAACTCTGCCTAGCTGCTTCTGCCGCAGAACATGAAGATCTCCTCCAGGACAATA
39717902 F 0-47:T>A-47:T>A	TGCAGTAGCTCTTCAAATATTGTTTTCAAGTCCAGGAAGTGGTATAATTTCACTGTCACCTTAGGTCCG
39715726 F 0-6:A>G-6:A>G	TGCAGCATGAAATGACTTAGACACCACATATAGAATCGTCCTTGGCAAA AATCAGTTCACCAGACTATT
39728073 F 0-23:A>T-23:A>T	TGCAGGTCGCTTACAACTTGACAACCTGACATACATCAAAAATAATTAC
39716650 F 0-30:T>C-30:T>C	TGCAGCTTTCAATACAGGCTTGGGGCAGGTTTGAGAAGAAAATCTGTGTTATCATCGTCTTTACTTCT
39715468 F 0-58:C>A-58:C>A	TGCAGCACTTCTAAGGTCGCTTTTCTCGCTTTTCTTGTCTTCTTCACCTTCCGCCACAAAGACTCCC
39714025 F 0-39:G>C-39:G>C	TGCAGAATCTTCTTCAGTTGCCGGAAGCAATCGTATACCGAGGCCCATCTTCCGAGAAACATTTTCTTC
39716663 F 0-14:C>T-14:C>T	TGCAGCTTTCTCATCTGCCTTCTGCTGCTGTGACCTATCTCCAGTTGATGAGCAGCGGAAATCTGTAG
39715094 F 0-20:C>T-20:C>T	TGCAGATTCAATCTTCATGTGAGAAGAGAAAATTGAACAAATAATGAATCATTATAACCAAATCCAAAA
39728718 F 0-50:T>C-50:T>C	TGCAGATATATAGTTCCATTGGCATGAGTAAAGATTCATTCTTAGTGTCA TACAAATATCATGGTTACA
39718961 F 0-55:T>C-55:T>C	TGCAGTTTTCTTTTTCTATGACCTTTCTCCTATCAAGGTTGGTTTTTCTTACATGTTCAATATGTGATG
39719781 F 0-32:A>G-32:A>G	TGCAGATGTTCTAAATGAGAAGAATCGAAGAAAAATTGCGGGATGGGCCATCTTGTTAC
39727143 F 0-9:A>C-9:A>C	TGCAGGAGAAGTCCAGTCTTTAGTTGAAATTTTCAGGTAGAAGAAAATTATGTTTAC
39713332 F 0-46:T>G-46:T>G	TGCAGCCTCGTTCAATCCCTTTGAACAATGGGAATACGGAGGCTTCTGGTGCGGCAGTAAAGCCAAAGA
39713906 F 0-51:G>A-51:G>A	TGCAGAAGGTCTAGAGGAAGCGTTTTTCATGTGCCTAAGCTTTCTCGTTTACAGCATCATATCTGCATGGG
39723609 F 0-60:T>C-60:T>C	TGCAGGTCTTCTGTTTCCCTTACCACTTCCGTCCTTTCGGATTTCACTTTCCTTGATATTAGGCAATT
39722397 F 0-66:C>T-66:C>T	TGCAGCAGAATTAGCAGAAGAGGAAAACCGAGCTAGAGAATTGGAAGA GAAGAATTTGATTATCGACCG
39723260 F 0-67:T>G-67:T>G	TGCAGGATGCTCAGAAAGAATCTGAGCTTACTTCTGAAGCAACCGAGAGGGAACCTGAGTTAGAAGCTC
46767178 F 0-14:G>A-14:G>A	TGCAGCTTTCTTTTCGTGTTTGTCTTTAGGGGCTCTTAC
39717106 F 0-63:T>G-63:T>G	TGCAGGCATTTTCTATAGCACTGCTTGCCAAGGAGGTGGACAGGAGACTACTGCGTGAGCCTCTTTTGA
39713998 F 0-35:C>A-35:C>A	TGCAGAATCATCAGGCTGATCTAGCTCAGATTTAGCAACACCCATGCTTA TAATTTGAGATTCTCCTAT
39722780 F 0-9:C>T-9:C>T	TGCAGCGATCTTCTGATTCTAGCTCTTCAATCTCAAACAGAAATTTAGATTTTCAACACCCAGGTTTC
39713863 F 0-54:G>T-54:G>T	TGCAGAAGGAACTGAAATCGTCAAACCATCGAGTTAGAGTTGCACAAGTATGGGAACGGAAACGGGAA



39716961 F 0-7:T>A-7:T>A	TGCAGGATAGGCAGAGCCAACGTAACCTGGCTGGAGGCATGCCATAGTTTCTATTGGCCATACCCTGGCC
39715158 F 0-45:A>T-45:A>T	TGCAGATTGTTGGAAGTGTGTTGAAGGAACAATTCTTAGTGTGACAAAAGTTACTGGGGTGGCGATG
39715381 F 0-51:T>C-51:T>C	TGCAGCAATGCTCTCACCAGGGAAAGATGGAAAACCTGTAGAGATTTCAGGTCCCATTGACAGCAACTA
39715818 F 0-66:G>A-66:G>A	TGCAGCCAACCAACCATCGACCAGCTCAGCAAACCTGTGAATCAGTCACTGTAAAGAACTGGGCCGCGTG
39716696 F 0-68:A>C-68:A>C	TGCAGCTTTTTATGGCCTCTCTTCTTCTTTCATGTGCCCCACATTCCCTAAAATGACTTTGAGAGAA
39715455 F 0-63:A>T-63:A>T	TGCAGCACTAAAGAACCAGCTTGAACCTCTGTGAGTACTCAAACCTCTATTGTTTTACAGCAAATTGAG
39716417 F 0-57:G>A-57:G>A	TGCAGCTGCAAGTGTGAGAGACAGGGGAAAGTGAGGGAATATTATGAGAAAATTGGGGAGATGGGTGGT
39719562 F 0-17:C>A-17:C>A	TGCAGAGAAATTCGCGGCGCTTTAC
39725062 F 0-17:T>C-17:T>C	TGCAGGAAGGAAAAGAGTGAAGAAGATTTGTTAC
39728582 F 0-9:T>C-9:T>C	TGCAGCTGCTCTTGCTTCTGCTTCATTGGTCTTCAGAAGATCTGATCCCACCTACTCCAAACTCTTACA
39715495 F 0-39:T>C-39:T>C	TGCAGCAGACAATGGAAGTATGGTTTCCTGTGAAGCAACTTCATTTTGAAATAAAGATATATATACACA
39720092 F 0-9:A>C-9:A>C	TGCAGCGAAAGGGAGAAATGTGTTCGGTGTTCGGTGCAGTGTTTAC
39725312 F 0-43:C>T-43:C>T	TGCAGTGCAACTGATTCATTTCTGAAACCCAGACTGATCTTCGGGAGCATTAC
39715201 F 0-63:C>T-63:C>T	TGCAGATTTTCAAAGACTTCAAGAATTCAAAGTTGGTGATTGGATCCGTGTGCGTAATACTGTCCCCAC
39724727 F 0-25:C>G-25:C>G	TGCAGAGACATCACAACCAATTGAACATCAGGAACTATGAGAAAAGCATTAC
39723569 F 0-17:A>C-17:A>C	TGCAGGTATAAGAATATAATGGCAAGCAAGACTACAATTTGTTGATTTTATTCTATATGCATTGCAATC
39715384 F 0-10:G>C-10:G>C	TGCAGCAATGGATACTTCAGCAACTGTAATTGGATGGGCAATGGCAGAGCTTATTAGGCATCCACATGT
39717057 F 0-40:G>A-40:G>A	TGCAGGCACAACCTGGAGAAGATATTGTCTGCCAATGGACTGTCTGAAAA TGTGTTTGAAATTGCATCAA
39716622 F 0-6:T>C-6:T>C	TGCAGCTTGCCAAAATAGCCGATCAAGCCGTAGATTTTCGCTCTAAGCAAGTCTCTCCTAGAGTACCTGC
39715759 F 0-43:G>T-43:G>T	TGCAGCATTCAAAGGGGGAGCTGGTTCAAGGGATATTTATGAGGTTGTGAGAGAAATTGATGTTCTGTT
39714309 F 0-11:T>A-11:T>A	TGCAGACTTCGTTCCCTGATCAAACTACCCTTTAGATACGGTAGTCCGTAGGGGAATTGTTTCATACT
39716856 F 0-38:C>A-38:C>A	TGCAGGACGGCTAGAAAAATAGCTGGAATCTTTTTTTTTCTAGACACTTTACTGTTAGAGAACTGGATGA
39722991 F 0-58:T>C-58:T>C	TGCAGCTGTCTCAATTAGGCGAACCATCTCATTGTGTGATGACACGCAATTCATCCATGTGTTGTGTCTT
39717675 F 0-13:G>A-13:G>A	TGCAGGTTTGCAGGGGGACTGCTGTAATGCTTGTGTCTCCAGTTGATGGTACAGACGAGATTGCTAACC
39716203 F 0-8:C>T-8:C>T	TGCAGCGTCAACCCACGGGAACCCACGCGTTTGACACCATAGCTACCGGAGCTTTCAGGGCGGGTTTA
39720315 F 0-18:G>A-18:G>A	TGCAGGAGAAGATGAAAAGAGGTCAACTATGGTTAC
39725165 F 0-36:T>C-36:T>C	TGCAGGTAGTTGTGGATATGATATGAAAAAGGTATATAAAATTCCAGTTTAC
39716538 F 0-58:C>A-58:C>A	TGCAGCTTATGAACGCCGCCGCTCCCCGATATTCTGAACGCCACCGCC TGCTTCCCAGCGCCCCCG
39719937 F 0-14:C>G-14:C>G	TGCAGCAGAGTGAACAAAGCGATTAC

39721082 F 0-25:G>A-25:G>A	TGCAGTGGTGGCGGCTGCGGCGGTGGTGACGTGGATCACGATGGTGGTTCTGCTGGCGTTTCATTGGGAG
39713743 F 0-59:G>A-59:G>A	TGCAGAACTTTACCACCATGAACGCACTAGTCGAATCGAGTCCCGATGTCGGCTCGTCGAGGAATAGG
39720095 F 0-11:G>A-11:G>A	TGCAGCGACCCGGGCAGCTAAAGAGGAAGAAGAGTCAAGACCTGATGTTTAC
39724648 F 0-25:C>A-25:C>A	TGCAGAAGGAAGCTCTCACAGATGACATTCTGACCTTTCTTCCTTAC
39725329 F 0-14:C>G-14:C>G	TGCAGTGGAAAGATCAGCTAAGTTTTAC
39725776 F 0-60:T>A-60:T>A	TGCAGAGGATTACCCAATACTTCTCGGTAGTTTGTAACAGCTTATGGTTTTCCTCCCTCATTATCTT
46765286 F 0-7:A>G-7:A>G	TGCAGTTACACTAAAAATCATCGTACGGGTGCTAAGAATCGGCTTCTTATCTACTTATCTCACTTTG
39727414 F 0-54:C>T-54:C>T	TGCAGACTGAAACTATTATCCAATTGCTGATGAGCTCAGGTGGGAAAATTTCTACGGAATTGGATCCAT
39720227 F 0-35:T>A-35:T>A	TGCAGCTTCTCCTGGAGCTCTTGGTCAAACCATTCTGTATATATTTATCCTCCTATTTAC
39727045 F 0-24:C>G-24:C>G	TGCAGATTCTGCACTGATCGGAACTTCTGCCACGTTACCGTTTAC
46765363 F 0-27:G>A-27:G>A	TGCAGTTCGGTTCATATGATTTTATATGCATTATGTTGTTTCTTGTCCAAAAGTTCTAATGTCACTTTG
39722688 F 0-50:G>C-50:G>C	TGCAGCCGCGGCGGCTGGTGGTAGTCTTGTGCGACATAGAATTAGAA TGAGTCTTTGAGTTGCAGAA
39713259 F 0-45:C>T-45:C>T	TGCAGAAGATCACATTCAAGGAGACCCAATGGACGAGTGTCACTCCGATCCACAGATCTCAGAGACAAA
39723457 F 0-51:T>C-51:T>C	TGCAGGGAGTGCTTGTTCAGTAAAAACCCAGTCCTTATATAGAACAGCTGATATCTCCATGGCATATTT
39713827 F 0-41:G>A-41:G>A	TGCAGAAGCAATTGCTGGGTTACTATCTTCTGCAAGTCTCTGCAAAACCAACAAACAAGCATCAGAGAC
39713456 F 0-12:A>T-12:A>T	TGCAGAAAATATAGCAGTGGAGGCATTAGCTGCATTTCAAAGTGCCTTGA AACACCACATGCCTTGCAC
39728010 F 0-21:G>A-21:G>A	TGCAGCAGATGAAACCCAGAAGTAGACTATACAATTGAGGCAGAAAAA TTAGATATTTAC
39729454 F 0-42:A>T-42:A>T	TGCAGAATTAGGTACTGTCTTACAACCTCCATAGATATGCTGACCACTGT TATGTTTATCATTAC
39727973 F 0-43:A>G-43:A>G	TGCAGAAATTGTGACCTGAACTTGCTGTGCTGTATGCTTTTGAAACCCAA AAATTAC
39716773 F 0-33:T>C-33:T>C	TGCAGGAAGAACTGATACTTGGAGACATCTTTATGCAGGATTCACGGTCTGGCTTTCTCAAACCTGAGGC
39717283 F 0-50:T>C-50:T>C	TGCAGGGATCTCATTGTCTCTGCCACACCTCTTCCATTGACTTCATTTTT AGTTCATACTCTGACCAA
46763530 F 0-24:G>A-24:G>A	TGCAGCAGCGGCAAAGCAAGCGAAGAATTCCAAAAAAGAACTCCAAC ATTGTCGGCTACTAATCAGCG
39717036 F 0-58:C>A-58:C>A	TGCAGGCAAAAAATCTAACCTTCTGGGCTTCGAACTTCCCAAAGCAAG GAGAACAACCTATATTTTTA
39724979 F 0-11:C>T-11:C>T	TGCAGCCTCATCTCTCCATTCCAATTGCTTAC
39725864 F 0-38:G>T-38:G>T	TGCAGATCTGATGCTTGGACTGCAAGTTCAATTCCACAGAGAAAAAAGC CAAGCCATTCAGAACATCAA
39723737 F 0-62:A>C-62:A>C	TGCAGTAAATATTGTACATTGCTCTTGAAATCCACATCTGAGGTTGATCC AGGATTGGTAAGAATGAAC
39719448 F 0-33:C>T-33:C>T	TGCAGAATATCGCCCGAGTCGATTGCTGATTACCTCTGTACTTAC
39717201 F 0-62:C>T-62:C>T	TGCAGGCTGCGCCATAGAGGTCCTGACTGGAGTGGTTTGCATTGTTTTGA AACTGTTATCTCGCTCAC
46753523 F 0-41:C>A-41:C>A	TGCAGAGGCTGTTTGGCGGCCGAGAAAGTGAGGGAATCCGGCGGAAAA TTCAGGCTGAGGCTGAGCTGG

39728250 F 0-35:A>G-35:A>G	TGCAGCAGGGGAATGTGCGTGGCGTGTCCGAGCCCAAAGGGGCTTCTGGGGTGGAGCGAGAGCTGTGCG
39717248 F 0-27:A>G-27:A>G	TGCAGGGAACTCAAATTAGTGACTTCAATATCAGCAACCAGAAAACAAAGAATATAGGATACATCAA
39716969 F 0-16:G>C-16:G>C	TGCAGGATCAGAGTACGATAACGATGCTGACTTATCATCTTCGAATATGATTAGTTTCGAATTATCCA
39723159 F 0-57:T>C-57:T>C	TGCAGGAATGCGTAAACACTGTGCTACATGCCAAGCATTCAATTTGGAAAAGAGCATGTTTCCCCGAAAC
39716109 F 0-17:T>C-17:T>C	TGCAGCGACCGGTACTGTATTTTGTGGCCGTTTATAATCAGACGGACCGTGTGAAGGCCATGGTGGCG
39724435 F 0-43:C>G-43:C>G	TGCAGTTTGAATGTGATTGAAGTTTCCTTTTGATGGATTGACGTTGAAACCCTAAAACGGGTTTCGAA
39715898 F 0-60:T>A-60:T>A	TGCAGCCATGGAAAAAATTTCTGGTTGGAGGAAAGATGAAGTTATAGGAAAAATGCTAGCTGGGGAGAT
39721937 F 0-55:C>G-55:C>G	TGCAGATAACCCAAAAGTCATTCAATAAATCTTAGTAAAAAATTCTCCCCTATTCGATTCAATGACTT
39714971 F 0-46:G>T-46:G>T	TGCAGATGATCTTCTTGCATCTGTTCTAAAGGTTTGATTCATTCATGCATTATGTTTCTTTTCTGCAC
39722261 F 0-65:G>A-65:G>A	TGCAGCAACAACAATTTTGGCTGCTGTTTCTGCTGTTTATGTTAGCAAAGGGCGCTGAGGCTGAGGCTG
46757706 F 0-43:C>G-43:C>G	TGCAGTTTATTCTCATTTCTGTGATTGTTGATCGAGCCGATTCCAAGGGCGTCCCAATTCGACGATTC
39722655 F 0-18:T>G-18:T>G	TGCAGCCCCGAATCACTCATATCTTTGGAGAGACCATCAATATTTCAATCC AAGTTATTATAGGCTTACA
39725234 F 0-17:A>T-17:A>T	TGCAGTACATAATTACAATTACACGGTTAC
46754334 F 0-35:A>G-35:A>G	TGCAGAGAGGTACTCTGTTTACAACCAACCAGATAATAATGTAAAAGCTAGTAGTTCTAAATCAAAG
39724797 F 0-32:G>C-32:G>C	TGCAGATATCAACAACATCATAAGAGGTACACGATAGGAAGCACTCTAA AAATTTAC
46757530 F 0-36:C>T-36:C>T	TGCAGTTCCAAACAAAGAATCCATCTATGAAGTGAACGGCAGTCCAATTACAAAGCACAAAGGGATCTTT
39720505 F 0-11:A>C-11:A>C	TGCAGGTGAAGAACAGATTGCGGCATTAC
39725369 F 0-11:G>A-11:G>A	TGCAGTTCCCCGAGTTGGATGTTAC
46764972 F 0-51:C>T-51:C>T	TGCAGTCAAAGCTTAGACCACTTGATCCAGTGCGTGAGTAAGATGGTATGACTCGAAAGATATTGATGT
39713849 F 0-10:C>G-10:C>G	TGCAGAAGCTCCAATGACGTTTGGCTGAAAAGCATGGCTGGCAATACGAGGTTTCACTGAAATTTTGTTA
39716201 F 0-47:C>T-47:C>T	TGCAGCGTCCAACGTCTTCTCCTGTCACCACATTCTTCTTTTCTTACTCTAAGGTTCTACTCTACATT
39725292 F 0-12:C>T-12:C>T	TGCAGTCTTCAACCAACTTGCTTTGTGATGATTGTTAC
39715875 F 0-38:T>A-38:T>A	TGCAGCCAGGGACATACCTATAACCATGCTCATTACGGTTTGCAAAGAGAAGATGGTCTCTACGGATCCA
46761021 F 0-31:G>T-31:G>T	TGCAGTAATGAAAAGGTTATTTACTTTTTTTGTTTTTAC
46776428 F 0-52:C>A-52:C>A	TGCAGAAAGTTATAGTGAAAGTTGTACTTTTTCCATAAGACTTCACCTTCACCATAATATGCACAAGC
39723852 F 0-66:A>C-66:A>C	TGCAGTATATATATTTAGTTCGTGTTTCTTGCATTCCTTCTAGTATTTTACCTCCCGAGACTTTATACC
39724364 F 0-55:C>T-55:C>T	TGCAGTTGGTTGTGATTCTTGTGGGGTAATTCCTTATATTTCCATCATTCCTCCCGTACTGCTTTCGA
39725315 F 0-14:A>G-14:A>G	TGCAGTGCCGATGAAAGAGTCAATTAC
39726083 F 0-61:T>G-61:T>G	TGCAGCATCATCTTCTCCTTCTCCACCTCCATGTTTTGCAACCAGAACCTGTTGAAAACAATAAAAAGT

39718246 F 0-18:A>T-18:A>T	TGCAGTGAACCTTATGGGTAGCCGAAAAGCCTTACTATAGTTATAACAAC AACGCCTGCGTCGGGGGCGA
39717299 F 0-55:G>T-55:G>T	TGCAGGGCATCATATTGATGGCCGCTACAAACTGCCAGATATTCTTGAT CCAGCGTTGACAAGGCCCC
39720148 F 0-11:T>C-11:T>C	TGCAGCTCAAATCATAAATAATACCATAATTTGTTTTTTAC
39718512 F 0-35:G>A-35:G>A	TGCAGTGTGAAGAGGATATGGTCGATGGCTTCCCGTACGAAGTACCTG AGGAATACAAAAACATGCC
39727917 F 0-55:C>T-55:C>T	TGCAGTTTGCCGTTGAGCATCGAGGGTCGTATAGTGATTTCGCTTGGATCT GCTGTCTGTCCCTTTTATT
39721378 F 0-9:A>G-9:A>G	TGCAGAAGCAGGCACAAATGACTGCGACTGTAATGAAAGATTCAAGCC GGCCATGTTCAAAGTTTCTT
46756353 F 0-36:C>G-36:C>G	TGCAGGCAACCAGAACATGTTTGCACATGACACTATCTCAGGGTAAGCC AGAGCCCATGATCCAGTATG
46763304 F 0-44:G>T-44:G>T	TGCAGATTGCTGAAGAACGATATTTGAGGTCATGTGGTGTCTCTGCTTTG ACCTCACAGCTACCTAAAT
39726053 F 0-17:C>T-17:C>T	TGCAGCAGCCGGGCATTCTCAATTGATCTTTCTCCACTAACTTTTGTTTTC CCAAATCTCCATGGTTCT
39718757 F 0-53:A>T-53:A>T	TGCAGTTGCGCTGCAATCAACAGAGATGGAAACCTTTCTTTGTCAGGCT GCAATGCATTAGGCCTTCC
39715414 F 0-27:G>A-27:G>A	TGCAGCACAAGTTGCCACAACCACAGCGAAGGTCAGGACAGAAATTGCA GCAACAGAAGCCATGAATTA
39724641 F 0-20:A>G-20:A>G	TGCAGAAGAGAAAACAAAATCAGATGTCGAAATTAC
46765261 F 0-68:G>T-68:G>T	TGCAGTGTGTGGCTTCTCACCCGAAACAAGGCTGCCATTTATGAAAGG TAAAATCTCGGTAAGTTTCG
39720768 F 0-14:T>G-14:T>G	TGCAGTGTAACCTGACGACTGAAATTAC
39725714 F 0-7:G>A-7:G>A	TGCAGAGGCACACTTCTTGAAGTACTCCACAATGAGCCGCACAATAGAA GCAGCATGAGGTAACAATTG
46756865 F 0-37:T>C-37:T>C	TGCAGGTTGCCCTGCTTCTCCAGCCCTCTACAGCCAATTCCAAATGGTAT CATAGTACGGGTGATGTGC
39719495 F 0-55:A>G-55:A>G	TGCAGACAAGACCAATGAAGCTATGCAGTGTAGTTTTCTGAAATAGTA GGATACATTAC
39713726 F 0-47:G>A-47:G>A	TGCAGAACTACATTGAACACAGGTATGCATACCAGATATTATTGGTCGT AAATACATACACTCGGCAGA
39715444 F 0-45:T>C-45:T>C	TGCAGCACCCCTGTAATATTCTGAAATTCACAGGGAGGTAAAGCCTCAA GACATTGAAAACGGGCACTT
46776530 F 0-61:A>T-61:A>T	TGCAGAGAAAAGACTTTCAAGTTCTGACATGTCAATCTCTGGTGCCCTAC AACAAAAAAAATTACAGA
39726465 F 0-54:T>C-54:T>C	TGCAGGGATTTGAAACTACCGAGAATGTGTCTGTTTCATAGTCTTGGCTT GGATTGTTCCAAATGAATT
39725332 F 0-39:T>G-39:T>G	TGCAGTGGAGATGTATGTACAGCTAACTGTTTCATATTTTTCCCATTTTAG TTTATTAC
39725074 F 0-18:A>G-18:A>G	TGCAGGACTTCCCCTCCTAATGAAGTTTCTTCTTTAC
39726006 F 0-57:C>T-57:C>T	TGCAGCAATTTGCCAGATGGAGACGCCAATTGATTCTAAAACAGTCTGT GAAAATAACAACCATAAATC
46776531 F 0-62:T>A-62:T>A	TGCAGAGAAAAGACTTTCAAGTTCTGACATGTCAATCTCTGGTGCCCTAC AACAAAAAAAATTAC
39715488 F 0-25:G>T-25:G>T	TGCAGCAGAATACACATCTTTTCTGTGTTTGAATAATAATCCCCGATA GCCTTCCACTGCCCTACAA
39715947 F 0-30:C>T-30:C>T	TGCAGCCCGTTTCTCTCTGATGACAAATACTCGAGGCAGAGAGTTCTTC TCAAGAAGCGATTTGGCTT
39722231 F 0-66:A>G-66:A>G	TGCAGCAAAATACCAAGAACAAGAAGATAGTATTTCAACAATATTCCAT TGGCAACAATAAAAAAAGG
39717445 F 0-40:T>G-40:T>G	TGCAGGTACAGCCTATGTTTATCATGGTACAGTCGGTGGCTCTCGTTTAC TTCATCTGAGGTTATTTTT

39727739 F 0-46:G>A-46:G>A	TGCAGGGTGAAGTTGAAATTGTCTGTCAGTGTGTTAGGCTTAGTTTGGGAGCTAAGGCTTGAGGAAATC
39723282 F 0-16:C>T-16:C>T	TGCAGGCAAATGGTTTCTGCTGTTTACGTTTCAATGGGTTCTACCAATTTGGGCATTGTCACCTCCTGT
39722323 F 0-7:A>G-7:A>G	TGCAGCAATTGGAACATAGAGTTTTAGTCAAACCTTAGAGAATGAAGAAATTACTGAAATCTAATATGT
39722716 F 0-60:C>G-60:C>G	TGCAGCCTCAATGTACACTCTTCTAATCAACCAAATTGTGTTGTCAAGTTCAACTTCGGCCCCGATTT
39726146 F 0-47:C>T-47:C>T	TGCAGCCGATGATCGTTCAAGTGCAAACCAGACCGATAAAACCACCCCCGATGATTCCAATTCAGATGG
46765044 F 0-54:T>C-54:T>C	TGCAGTCGGGCCGGCACGTGCCACCACATTCTTCTGTTTGAAATTGTTGGTTTTTGGAAATTGGTTT
39724371 F 0-22:T>G-22:T>G	TGCAGTTGTATATACTTACTATTACTTTGTCATAGGTTGGTGATCCAGAGCAACTTCCAGCCACTGTAA
39718765 F 0-12:C>T-12:C>T	TGCAGTTGCTGTCACCATTGGTCCCAGTTTGGAGCCTCTGTCTCCGCGGTAATTTTGCAGGATTCCTCCC
39728758 F 0-67:C>T-67:C>T	TGCAGGCTGGGTATGTAGGGAGATGAAGAAGTGACTCGAATTATCTTGGTCTCTTTCTAGTTCACTTCA
39714492 F 0-7:T>C-7:T>C	TGCAGAGTAGATGTGTCTGGTATTTTGGCCACAGCATCAATGATTCCTCGGACAATTTTTGCTGTTTTT
39717480 F 0-28:T>A-28:T>A	TGCAGGTATTCTTGTCTTGTGCCGATCTTCGGAATTATTTTCGTTCAATTTTGATAATGTACCAAAAT
46755806 F 0-15:T>G-15:T>G	TGCAGCTCAGAGTGCTGATGTTATCATGAGAATGATGGCTAGGAACTCCATGTCAGAAAAACTTGCTGA
39723815 F 0-55:A>C-55:A>C	TGCAGTAGCAGTCCCATCTGGTATAGCTTGAATCCGATCCGGCAATGCAAGCACCAAATCATTTCGAT
39725582 F 0-57:G>A-57:G>A	TGCAGAAGATAAGAGCCGGTGAGATCAAGGTGGTGACCGGAATAAAAAAATTCCGGCGAGGTGCAGTGG
39726073 F 0-18:C>A-18:C>A	TGCAGCATAAGAACATCCCAGAGTAAAGCTAGTTGCTAGTTCATAATTCTTCATGTGTATGTCTAACTT
39715938 F 0-66:A>G-66:A>G	TGCAGCCCCGACATTTCGTGACTTGACGAGTGTATCGAACAACCCTCTTGTCTCCAAACACAACCTGAAAA
39721306 F 0-15:A>G-15:A>G	TGCAGAAGTCTCTAAAGACTTGGTGTGATTGGTATGCTTAGGAATGAGATTGACATTGGCCCTCACAG
46757512 F 0-36:T>C-36:T>C	TGCAGTTCACCCAAAAACCCCATACCAAAACCAACTTTATACATTTTCAAATAAATCATCTGAATCTTT
39714998 F 0-55:A>G-55:A>G	TGCAGATGCTATTGAATAACACGACACTACAGGCATTATATTTATTCGTTGTTTTAGTCGGCTACAAAA
39725018 F 0-34:T>C-34:T>C	TGCAGCTGCCTCTTGCTTGCCTTCCAAGATCTCCTTGCTTCCCAATCAATCTTAC
39714746 F 0-18:A>G-18:A>G	TGCAGATAAGGATAATAGACCTTGCAAACTAACAGGCAACGACAATCCAGACGAGAATGTAAGTGGCA
39724041 F 0-63:A>C-63:A>C	TGCAGTGACAATGAACAATTTTCAGATGTACCGCCATATCAATGCACCAAGGATGGACTCTAGGATGGTC
39723592 F 0-60:C>G-60:C>G	TGCAGGTCATTGAGCTCTAGTACAAATATGGTAGATTTGACTGACAAACTTCCATATCACCTGTTGTAA
39726977 F 0-6:G>C-6:G>C	TGCAGAGAAGTAGAACAACATTTGTTAC
39715781 F 0-12:C>T-12:C>T	TGCAGCATTGTTCTTGTCTATGTGTATCTTAGTGCAGAAATTTTCTCTGCAAGCTATTGGGTTTGT
39719580 F 0-14:C>T-14:C>T	TGCAGAGACGTATCCCCCTTCGAGTGGTAAGTTTAC
39717240 F 0-52:C>G-52:C>G	TGCAGGCTTTTCTTTCAATACTTTGTGGCATTATGATCTAGAAGCGCCAGTCTTTGGGTCCCTTGCAA
39715450 F 0-7:C>G-7:C>G	TGCAGCACGCACATACTTTGGTGTGGAGTGACCCATGTAATAAAAGCCGACATATTCAGCATGAAGG
46771788 F 0-18:G>A-18:G>A	TGCAGAGGTAATGATACAGATGCAATTCAAAACTACTGAAATTGGAACACTCGTCTACATTCAAAGTA

39728384 F 0-11:G>A-11:G>A	TGCAGTCTCTTGTCTGTTCTGTCAATAGCCCGAACCATCTCTTTAGATAC TCGCATTCCATCTCTGTT
39721133 F 0-16:G>A-16:G>A	TGCAGAAAACGTGCCCCGATTTTGTCTGTTGTTTCTTCGACCAATGGTTCT ATGCAGATCGCACACCGCA
39714211 F 0-28:G>T-28:G>T	TGCAGACCTCCATTTACAGAGGTTTTCGCGACGGCATTTCATGAAGGAAGC GGCTGCGCTGAACTTCACGC
46768538 F 0-46:G>A-46:G>A	TGCAGAGATCACGGTGCCATGTAGGAACATTTTTGTATGTCAATCTGGCA GTAACATCAAACATGATGA
46764609 F 0-59:C>T-59:C>T	TGCAGGGTTCGAGGGTTGTGTATTGTAATGTGCAAAGGGCTGGGAGTAGA GTGAATTCATCATGCCCTGC
39717386 F 0-35:A>T-35:A>T	TGCAGGGTCCATATGTTAGTAATATTTTATTGGTGACTGAACAGGGTGAC TTGGAATGAATCGTTTGCC
39718514 F 0-20:T>A-20:T>A	TGCAGTGTGATAACTAGAAATTTCTGCTCTGGTTGTTGGAGCTTGAAAG CCACATTGCCATGGTGGTT
39722143 F 0-65:G>A-65:G>A	TGCAGATTATAAAGCAAAACAATAGATTTTGGGAGCTCTCTTATTCGAG AGTGTGAAATGTCAAGGTAC
46754505 F 0-54:A>T-54:A>T	TGCAGAGTGAGAAATTAATACTTCATATAATGGTTACAATTTATCAC AGGGAATAAGGAAGCTTTT
39723998 F 0-60:T>C-60:T>C	TGCAGTCTATATTCTCCATGCTCTTTCTGCAACAACCCCTTTTCTTCTAG CCCCATTACTCCAACAGA
39717193 F 0-54:G>A-54:G>A	TGCAGGCTCTAATCTGTATTTCTGGATAGCAAGCATTCCGATTACTGTGA GTGCGCTCTCTCTCTCT
39718314 F 0-5:T>C-5:T>C	TGCAGTGATGGATAATAAGCCTCAAAGTTGCTTGCCAACGAAAATTTTC AAGTGCTCCTTTCAAGATAC
39714561 F 0-19:C>T-19:C>T	TGCAGAGGAGAGAGAAACGCCGCTGGATTTTCAGAAAGCCAACCAATCA CCATCAACAACCACGCCCA
39715873 F 0-12:C>T-12:C>T	TGCAGCCAGCTTCGGCGCCTCTGCCACGGCAAAGATTAGTGTGATGCTT CTCTTGCTGGACCATC
39715955 F 0-56:T>A-56:T>A	TGCAGCCCTCTAGCAATTACGCTAGAAAGCCAAGGTGAGAGTTTACTTG GTAGACGTATAACTGCTTGC
39726791 F 0-29:T>C-29:T>C	TGCAGTCCAGTCAATGCAAATCCTGAATTTGTAGCAGCTACTAGATTTCG CCCAATCTTCTTCACATGG
39713825 F 0-41:A>C-41:A>C	TGCAGAAGCAACTCGCGAGTACCGAAAGGGGGCTTTTACCAGTGATCC AATCTTTCTCAAGAACCA
39723377 F 0-62:G>A-62:G>A	TGCAGGCGGTGGGCCAGCTCCGCCGCTGAGCTCTGAGAATGGAATTCT CAGACTCGACGGCGGCGTAG
39723501 F 0-24:C>T-24:C>T	TGCAGGGGTCCCCTTCTCTTGCATCGCGGAGAGCAGTCGTTTGGCTACGA GACCCTTGCTGACGCCCTG
46756200 F 0-48:G>T-48:G>T	TGCAGGACGGATCCTTAGATCTCTATGCCTGTGATGATGAGGGAAAGTG TATGCGGCTTTTCAATTTCTA
39725015 F 0-20:A>G-20:A>G	TGCAGCTGCAAGAATCTGAGACGATTTTCTCGAGCCCCGCCACCTCTTA C
46769895 F 0-36:T>C-36:T>C	TGCAGTGTGCTCATTTTTTGTGCAGAGATATATGCATAGTGTTCGAGTAC TCATAAACTTTTCTTCCC
39725064 F 0-9:C>T-9:C>T	TGCAGGAATCGGAGCCTGCCTACTATGGAGATCCATTAC
39714470 F 0-62:T>C-62:T>C	TGCAGAGATTGAGTGCCCACTCTATAATTCAAATTTGACCCATCGTTTTT ACTCTCTCTCTCTGTAC
39714991 F 0-9:C>G-9:C>G	TGCAGATGCCAATTGAATCTTGGGCTTGGCAGTGGAAATCTGATTGCTG TTCCAATTCCAAAAGAGCA
39719481 F 0-7:T>C-7:T>C	TGCAGAATTCTGAGGCGCTCATTGATTCTCTCTTCTCTTCTGCATTGGT TAC
39722523 F 0-48:C>T-48:C>T	TGCAGCATCATTAGGACCTCTTCTAGCTTGGGGATTAGTGGCTTGAGCCA TCTGTTGGTTCCATTTAC
39716426 F 0-7:T>G-7:T>G	TGCAGCTTCATTTTAGTTTCTTCAGATAGAACTTTTGTAACTACTCTATT CTCCAAATTAC
39718126 F 0-34:G>A-34:G>A	TGCAGTCGAGCTTGATGCTCCCGAAGACCCCGAAGGGGCCATCATCATC TTACCATCTCCATCTCCGA

39717295 F 0-5:T>G-5:T>G	TGCAGTGCACAATCACCAGAGAATCCTCGCCAAGAACTTCAAATTGATAGGCAGTAGTTGGGGCTATA
39725304 F 0-9:T>C-9:T>C	TGCAGTGAGTTTATTGTATATTTTTCTAAAAAAGATTAGTCTCTATTAC
39720684 F 0-7:G>A-7:G>A	TGCAGTCGCTTGACGGCCTTACCCCGTCTCTCTTATATTAC
39729483 F 0-18:C>G-18:C>G	TGCAGGCCCTTCAACGTCCACTCTCATATGATGGTACCCCAATCTTTACTATCGAAGTACGTTAC
39719452 F 0-42:T>G-42:T>G	TGCAGAATCAACCAAAAGAGAAGTCCATTTTCAGCACAAAACCTGGACGCTTAC
39719352 F 0-5:T>A-5:T>A	TGCAGTACACAAAATTCAAAGAAACCACCTATTAC
39720872 F 0-46:A>T-46:A>T	TGCAGTTGTTTCGACAGGTATGGTACTTTGAGCATAAGAAATGAAATATGTCTTTAC
39729487 F 0-57:C>T-57:C>T	TGCAGTTCTCGACAACACTACAGTGAAATTTTGAAATCTTGTAATGCTCTGGACTACCACGACTTAC
39713960 F 0-6:A>C-6:A>C	TGCAGAATAAAGCTGGCAAGCGAAAGATGGTAACTCATTTCCTTGACCCTCTAGCAAGAACCACAGA
39715118 F 0-51:G>A-51:G>A	TGCAGATTCTGTATATAGAGCATGCTTTGAAAAGGTTATCATTCAAATGAGAAGTACTACAAGAGGTA
39728383 F 0-17:C>T-17:C>T	TGCAGTTTCTAAATGTTCCATATTTATTTTTGAAGCCTCAAGGTTTTCTGAAAATAAAAGTAAGATAT
39722854 F 0-61:T>A-61:T>A	TGCAGCTACCGTCTAAACAAAATGCGCATTTCAGAACCAAAATCTCAGTATGCCTCTGTCTCTCTCC
39728448 F 0-26:C>T-26:C>T	TGCAGAGAACCCGTTATCGGCAACAACCTCCCTCTAAGAATAAAAGCTTAC
39726593 F 0-30:C>T-30:C>T	TGCAGTACCTGAAGGGGTGGGCAAAGAAGCCTATGCCTCAGTTCAACTAAGTTACAAGTATGTAGAAGG
39721699 F 0-29:T>A-29:T>A	TGCAGAGAAATCTCTCTGTTCTGACACTATAGCTTCTTCAACAGTACTGGGAAAGCATCAAAGAGACAA
39713392 F 0-20:T>A-20:T>A	TGCAGAAAAAGAACATTTATTGTTGTGATGCATGATGTGGAAATTGTCTCTGGCAATGAATTTTAGTG
39718885 F 0-36:T>C-36:T>C	TGCAGTTTCTCAGGTGCGTTTCGATGGTTTCAGATGGTGCTGATATGATTGACATTGGTGCTCAGTTCGAC
39717688 F 0-55:C>T-55:C>T	TGCAGGTTTTTATCCACAGGCTTGTCAATGAGGGTATGTAAAATTTTTGAATGCGTTAGAAGGGGCA
39718393 F 0-28:G>C-28:G>C	TGCAGTGGAGCCAAAATCTAGCGAATCTGACAGATCGACTGGTCCGATTCCAACGCAACCAAAAGGGGT
39716341 F 0-8:C>T-8:C>T	TGCAGTCTCCTCCGACTATTTTTCTGCCATCCGCTTGATTCTGCCTAGCCTCGATCGAGAGCGCGGCACC
39717581 F 0-28:T>C-28:T>C	TGCAGGTGTGGCTTTATGATGTTGGATTTGGAAGTTTTGTTTATCAAGTTGAAAAGGTTTGTGATAATT
39728228 F 0-35:G>A-35:G>A	TGCAGATTCACTCCTACATCTTCGTCGTACTIONCAAGGCCAAGTTCTTCTGCAAGAATACAAAGAATTTA
39717429 F 0-59:T>A-59:T>A	TGCAGGTAATTTTGTAAAGTGTAACTTGTCTAGGGTAAGTAACTTCTACAATAAATTGGAGCATT
39717276 F 0-35:G>C-35:G>C	TGCAGGGAGCGGGCCTTGTCTTCCAGATATCAGTGCGGTCGATGAAATCACAGCCATAGCATTGAC
39726234 F 0-49:A>G-49:A>G	TGCAGTACCCGAGAATATGCACCACTGGTTGAAGAGTTGTGGAATGATACTGCTATTCAGGCTACCTA
39713768 F 0-45:C>G-45:C>G	TGCAGAAGAAGATTGAGAAACATAGTAAATATTGATGATGCTCATCAGGCTTCTCAATAAGTAAGAAGA
39727920 F 0-52:A>T-52:A>T	TGCAGTTTGTCAATCTTGATTTGCTTGAAGTCAAGGTACTIONTACAAATTACAATAATTTCCGTTGGTTGGA
39721958 F 0-13:T>G-13:T>G	TGCAGATACTGTCTGGAGAATATATGCAGTTCACCTGATATGCTAATCTCTGTCTTGGCTGGTTTGTCA
46757615 F 0-22:T>A-22:T>A	TGCAGTTGATAAGCTCGTTTCGCTTGGGCTTTGATAGAACAAAGAGGTATCTATGTATGATCTAGATGTTA

39725522 F 0-48:C>T-48:C>T	TGCAGAAACTGAACCAACTTCCAATTTGTATCTTACTGACTGGTAATCCGTAATGCAGTTGTTACTGGAG
46755056 F 0-30:G>T-30:G>T	TGCAGCAAGGGACAATTTGGAGTTCTTGGAGAAATGGTTTGTTCAGATCCACATTACAGAAACAGAAG
46755574 F 0-24:C>T-24:C>T	TGCAGCCGTGGTAACAGATTGAGACGGTCTCCAACATTTCTCAGCTCCCAGCAGATATCCTAAGCCC
39721271 F 0-39:T>A-39:T>A	TGCAGAACCAAAAAAATGTATCCAGAGAATCCAAAACACTATTAGCAGCCTAACAAAATTAGCATGCCT
46754390 F 0-39:T>C-39:T>C	TGCAGAGCCATGGATTCATAACACCACTATCTGGGAAGATGAAGAACTGACCTCAAATGTTACTGTGGA
46762309 F 0-23:G>A-23:G>A	TGCAGAAAAAGCTGGTGCTAGAGGATTTCAATATAGTGGATGCAGCAGGTGGCGTTGGTAAAGCAGTCA
46765077 F 0-19:A>G-19:A>G	TGCAGTCTGTAATTACCTCATAAATCATCTCCTTCATACCTTTTCCTCATGAGGATGGTTGTTGTTTAG
39713273 F 0-47:T>A-47:T>A	TGCAGATGTTAGGAAACCACCGTGGTTATTGTCTTGAATACATGCATTAGAAAAATAGTGGAAAGCAA
39723161 F 0-13:T>G-13:T>G	TGCAGGAATGGATTCAATCTGCTCCTGATGTAAAATTGCATCTACCAGCTCCGAACATTTTCATCCCCA
39725065 F 0-12:A>G-12:A>G	TGCAGGAATGTTAGTTTAGTCATCTTGTACACAATTAC
39729043 F 0-60:A>G-60:A>G	TGCAGTTTCTGTTTGTCCAAACAAATAAAAATTGCACCATCAAACATTTTCAAATGCTTTAGAATCAGT
39729517 F 0-19:T>C-19:T>C	TGCAGATCAGAACATTGAATGCAATTAC
39718751 F 0-33:A>C-33:A>C	TGCAGTTGCATGGTCATATCTTTCAGCTAAGGCACGGTAAGCTCGGTAGATTCTCAACTAGTTTCAT
39727204 F 0-42:A>T-42:A>T	TGCAGTAGTAAACAAATATTGTGAATGTTTTGCATTTTGCTCAATCAGTTCTGAATATTAC
46755817 F 0-20:C>T-20:C>T	TGCAGCTCCAAGAGAAGTGGCTGGTAAAACATGAGGGTCGGCAAAAAGCTCCTCCCCTTCGAGTTGTGT
39721343 F 0-32:C>G-32:C>G	TGCAGAAGACAGTGACCATGCCGAGAGTTTACAACATAATGTTTCGTAGACTTGGTCAAGCAAATTACCA
39727451 F 0-20:T>C-20:T>C	TGCAGAGGATGCTGATAGTGTGAATCTGAAGGAGGTACAAGAAAAAAGAAGGGGCCTTCTATGTGTG
39725013 F 0-12:C>T-12:C>T	TGCAGCTGATTTCCATACATATCAATAATGTGGTCTCATTGGCAAATCATGTAAGTTAC
39721920 F 0-31:T>C-31:T>C	TGCAGAGTGCCTTCATCAACCAAGATAGACATATGTATCATGAGGAAAC TGATAAGCCAGCTCATGCC
39717868 F 0-55:G>T-55:G>T	TGCAGTAGACACCACAAGAGA ACTATCCCATTCATCTCATTTTGGACAATCATGTGCATCATCAAATC
39721118 F 0-46:C>T-46:C>T	TGCAGAAAACAAAAGAGCATGTGTTGGCTTCCAAAATTATAAACAGCGCCACTTACTTTTGCTCCTCT
46760835 F 0-23:A>C-23:A>C	TGCAGCAAGTATAAACACTATTCATGTCATTACCTTCCTTTTCGCTCTTCTATTAC
39720047 F 0-8:C>T-8:C>T	TGCAGCCCCTTCTGCTTTCTGGATTTACTTTTTTACTTTTAC
46774452 F 0-30:A>G-30:A>G	TGCAGAGGATGCTGATAGTGTGAATCTGAAGGAGCTACAAGAAAAAAGAAGGGGCCTTCTATGTGTG
39724671 F 0-5:A>G-5:A>G	TGCAGAATGCTGGCTTTTTTATTAGAGGAAAGAGAGATAGATTGAGATTAC
46755216 F 0-57:G>T-57:G>T	TGCAGCAGCCCTGATGATCAAACCGACATATCATTGCCTTGAAATAAAA TGCAATGCGTTCTATCGGGA
39720617 F 0-23:C>A-23:C>A	TGCAGTATACAGATGTGTACAGCCACAAAAGAAGCGATACGTTAC
39721657 F 0-53:C>G-53:C>G	TGCAGACTCAGTTGCTTGGCACCGGCTAGAGCTGCAATTCCTGAATCTGTGATCGAGCATTTTGAGACA
39717049 F 0-7:A>T-7:A>T	TGCAGGCAAGCCCTCAGATCCGAAAATTTCCCTTTGTTGTTT TAGGA AATAAAGTTGATGTTGATG



39725456 F 0-14:C>T-14:C>T	TGCAGTGGACAGAACACAGAGCATGGAATGTCAAACATACACACTCTATTTGTTCTGTCCTTTACTGCA
39718486 F 0-49:T>C-49:T>C	TGCAGTGTATTGATCCACATACGCGTGAGTATGTTGAAAGACTCAGAGATGAGCCAATGTTTATGGTTC
39717691 F 0-13:G>A-13:G>A	TGCAGGTTTTTTGAGCAAAAATCAAAGTGGAGAAGTTGTAGACTTGCAGTGTATTTTGTATTGTCCTTCT
39725956 F 0-63:C>T-63:C>T	TGCAGCAAAAATCAGCAATATACAAATCCGTCGTGGGTGATCCTAAATTCTTCAAATTTTAGCGGGCA
46756457 F 0-12:C>G-12:C>G	TGCAGGCGGCGGCGCCCAAGGCGAACTTGGTGGTGCGCAGGATGGGTCGGGAATTTTAGGACGGTTC
39715644 F 0-42:T>A-42:T>A	TGCAGCATAAACATGATAAACATGTATAATTACAACGTATATTGCAACACATCAATCAAAAATCCAAATT
39719598 F 0-55:A>T-55:A>T	TGCAGAGATTGCAGATAGTAGAAAGGCATATAAGTAGATGCGGGGATGCCGTCGAGTTAC
39721042 F 0-56:C>G-56:C>G	TGCAGAAGTCTCCGGCGGCTGAATCTGTTCGCACAACATCCTCGACGACAAGTTGAACTTGTTCGGGGTTG
39715392 F 0-25:A>G-25:A>G	TGCAGCAATTCACAAGTCAATTTGAAGTTTCAAACCTCTTTCTTTGTGGAACTGCAACTCCTCTAGA
39714906 F 0-11:G>A-11:G>A	TGCAGATCGGTGGCCGGAACGGTGACGAGCGAGGGGCAGGGGCCTTGGGTGATGAAGACGTAGCTGGTG
39725200 F 0-43:T>A-43:T>A	TGCAGGTTGATCTATTTACAAGATGGATAAAAATATCATTTTACTCTTAC
39718243 F 0-54:G>A-54:G>A	TGCAGTGAACATCGTTGCCACAGTGAATACATCAGTCGGGTATTGTTCCACCGAGGAAGAAATGGAACGA
39724272 F 0-40:T>C-40:T>C	TGCAGTTCGAAATTTGGTATTCTTCGATTATATTTTCATATGCCTGGTGTTTTCCTGATAGGAGCTTC
39716135 F 0-57:G>T-57:G>T	TGCAGCGCAAGAAGGAACAGTGTACTAAGCCCTGTCAAAGAACGCCACACCAAACAGGAATGCTGAAG
39717016 F 0-68:A>T-68:A>T	TGCAGGATTCCAATCATAAAGCTTGAACGATATTCGGCCTGTTGGACACTATAACAAAGAGATTTGGAA
39728087 F 0-33:A>T-33:A>T	TGCAGTAGAATGCTTAGGAAAATAAGTATCTATACGCATTTTAC
39723627 F 0-27:T>C-27:T>C	TGCAGGTGCATAACACTTTTATTATGTTTACAAAGTGAATGAATGAAAATAATTTACTCATTACACACA
39714401 F 0-5:A>G-5:A>G	TGCAGAGAGAAAAAATAGCGAAGGCTGAGAGCATAAGAATGGCTAAATCTCGCTTCCTCATATTGTTCT
39723778 F 0-35:C>T-35:C>T	TGCAGTACAACCTTCTTCTTCTTCTTCTTCTTAGTCGGATCAAAGGGGGCAATCTGCACAGAATAAAC
39714899 F 0-13:T>G-13:T>G	TGCAGATCGACGATGAACACCATCATTGAAAGAGGCATTATCTAGTGCCATTTTGTCTTCTTTTCGATAG
39718032 F 0-30:A>G-30:A>G	TGCAGTCACCGCTGGCTTCAAATCATCGTCACCAATTGATCGAGTCACCTGTCCAAGCTCAAAGAGGC
39716989 F 0-43:T>C-43:T>C	TGCAGGATGAATCGGAGTTAGGCTCCGATTGGAAGTGGAGACTGGAGTTAGGGGTTTGGAGGGCTTGA
46756753 F 0-58:G>C-58:G>C	TGCAGGTCTCACAAAGCGACCTTGCTGTCAGGGTCTGAGCTAGGCAGGCGTCGAGCACGGCATCAGAGA
39715952 F 0-33:T>G-33:T>G	TGCAGCCCTCATGCGTGCATTCAATTGTCTTTGTTGGACCTTCACTTTCATGCTTCTGTCGTAGATGTT
39715582 F 0-57:G>T-57:G>T	TGCAGCAGCTGGATTACTTGAGAAATTGAGTGTTGAAGAAAAGAAAGCTGATGAAGGGAAAGCTGGGGA
39728792 F 0-61:G>T-61:G>T	TGCAGTTGGTTCATATAATCATTGGAACAAGTTCATGGGCTGTCCACTGTGGCTCCACAGTGTGGGA
46754269 F 0-52:T>C-52:T>C	TGCAGAGAAAGATTGCTTTGCCCTGCAAGGCTGTAGAGGAAAAGGGTCTATATATGCAAATTATGCC
39723326 F 0-26:T>A-26:T>A	TGCAGGCATGCTTTGCCACACTTCTTTTGTGCTGAGATCTTTATCTTTCTTTACGTTGGCATGGAT
39723688 F 0-22:T>C-22:T>C	TGCAGGTTGTGATGTTGGCCCTATTTTCATTTTGGCATTGTCCACAGTGTTTGGCAAGTCTCCGAG

39727272 F 0-21:C>T-21:C>T	TGCAGTTGTCAACGATGATGACGAAGATGACGACGACGAAGTGCTCGAGCTTAC
39718430 F 0-29:A>G-29:A>G	TGCAGTGGCTTCTCACTCACTGATTTAGGACACCCTAGGGTAACTTCAACATAGCAGTTTTGCCCTTC
39726746 F 0-23:T>C-23:T>C	TGCAGTGGCTATCATCTTGAGATTCTTGTTGCCAGTCTTTGCAAATGAAAATGCATAAACCAATGGAGG
39725474 F 0-48:C>A-48:C>A	TGCAGTAACTAGCAGCACAAAAGCTAAAGGCAAAAATGGAGACTGTCCGC CAAAAACGGCAAGCTGGGG
39715753 F 0-5:G>C-5:G>C	TGCAGGATTAGTTTTACACAGAGGGTTTCAAATTCCAATTACCATCTCATCTTCAATCACTAACTTTT
39722226 F 0-15:A>T-15:A>T	TGCAGCAAAACCTCCATGATGAGCCTCCTTTTACTTACACCCCAATCCCTAAATTTCTAAGAGGAATCT
46756041 F 0-5:C>T-5:C>T	TGCAGCTTGGTGAGTTTTCTTCCGAGTTACCAGAACGACATGTCGTCGTCGGTGTCGTCGGAGGAGGAG
39724635 F 0-18:T>G-18:T>G	TGCAGAAGAACTTCTACTGCTTGTGATGACAATCCCGATAGGTTGGAA TTAC
39721884 F 0-66:T>A-66:T>A	TGCAGAGGTACTAATGCAAACATCGGCCAATCTTGGATTGTTCAACTCATTCCATTTTGCCTGAATTC
39714069 F 0-20:T>A-20:T>A	TGCAGAATTATATACATATATAAAGAAATCAGTTTTCTACAATGCTAACA GCAACATTCATCTGGTTGC
46776397 F 0-30:C>T-30:C>T	TGCAGCGCCGCCTAAGTGTTTCGATTGAGTTCGAATCACTTAC
39726875 F 0-44:G>C-44:G>C	TGCAGTTTTCTATTTTATTCTTGCATATTTTTGTGGTAACTCCAGCTCCG TAAAAGTGATATAGCATG
39715140 F 0-45:T>A-45:T>A	TGCAGATTGCTCCGAACAGATTCTGTATGAAGCGTCTTTCAAGGATTTTGGAGATAACAGTGTCAATA
39721273 F 0-25:T>C-25:T>C	TGCAGAACCAAATCCTCGACTCGGCTGAGTCGTCGAGTTCTGGAGGTA TCAAACCGCTAAGACCACAC
39715080 F 0-67:C>A-67:C>A	TGCAGATTATATCACAAATAAACAGCTCAGAGTGAAGCACTAAATATT TATTCAGATACCTTGGGGCA
39724895 F 0-19:T>G-19:T>G	TGCAGCACTTGCTCGACTCTTACTTTAC
39722701 F 0-7:G>T-7:G>T	TGCAGCCGTCATTCGTCACCGTGTGCGGCACACAAATTGTATTGAATAAG CCGATTTCTTTTCTTTGAA
39728663 F 0-5:T>C-5:T>C	TGCAGTCAAATTACTCCTTATTTTTTTAGGATCCTCATCCATATTATTAC
39726930 F 0-16:C>A-16:C>A	TGCAGAAAACCTTGCATCAAAATTATCTTAC
39721138 F 0-53:G>T-53:G>T	TGCAGAAAAGAGACACTTCAATCAGCATATCATTTTCAGAAGTTTTATGCT CGAGAAAGAAATAAAGGGA
39720270 F 0-12:G>A-12:G>A	TGCAGGAAACGAGTCTAAGAGATTAC
39727527 F 0-57:A>T-57:A>T	TGCAGCAATATGGTTTGCACTTTTCATCTCCTTGAATTTGACCTAAAAGA ACAAAGCATTCACTTTTT
39724157 F 0-26:C>T-26:C>T	TGCAGTGTCCACCGTTTGGCTCTCCGCTGTGGCGCAGCTGCTATTGATCT GATCGGCAGTGACTTCCAA
39727819 F 0-52:T>G-52:T>G	TGCAGTCTGAAGATTCCTTTCAAACAGATGATTATGAACTTGTTATTGTT GATATTTCAAGAGCTGCCCA
39723477 F 0-12:G>A-12:G>A	TGCAGGGCTGGAGTATTTGCACAATCTTGCAAGCCACCTATAATTCACA GAGATTTGAAGACTTCAA
39714088 F 0-21:A>G-21:A>G	TGCAGAATTGGTGTCTTTTCAGAAAGGGAAAACCTGTACCAAGAGATCAT AACTTTCTGTCATTCAATTC
39720189 F 0-19:G>A-19:G>A	TGCAGCTGAGTCAAATGAAGTGGCTCTTCCCTTAC
46756767 F 0-26:T>C-26:T>C	TGCAGGTGAACCGGGAGACCGGGCGGTTGGAGCTGGTTTGTAAACAATGC CGGCTTCTGTTTGTGAATG
39713565 F 0-8:G>T-8:G>T	TGCAGAAAGGTGTTTTTTCGAATTGCAATTGCAACTATGCTTCTGAAAAA TCTATCGTCACACGTACTC

39715077 F 0-42:C>G-42:C>G	TGCAGATTAGTTCGTCTACGGTATATCCTTTCTTGATGTACGCAGTGACT TCGTCCGGGGTCGCTTACT
39729487 F 0-45:T>C-45:T>C	TGCAGTTCTCGACAACACTACAGTGAAATTTTGAAATCTTGTAATGCTCTGG ACTACCACGACTTAC
39717037 F 0-41:G>A-41:G>A	TGCAGGCAAACATCACTCTTTGAGATGCTACATCCATGTGGGATCTTTAC AAAGTCCAAACTAAGATCA
39722143 F 0-25:A>C-25:A>C	TGCAGATTATAAAGCAAAACAATAGATTTTGGGAGCTCTCTTATTTCGAG AGTGTGAAATGTCAAGGTAC
39723735 F 0-45:A>C-45:A>C	TGCAGTAAAGTAAATGAGAAAAAACTATTTAGTAGTGCCTCAAGAGAA CATGGATTTTCATAAAAGGG
39727176 F 0-9:G>T-9:G>T	TGCAGGTCTGGCTAGGACATAAAATGACTTTAC
39721654 F 0-29:A>G-29:A>G	TGCAGACTATTTCCACGTTCACTTGAAAGATAATGAAGAAATATAGATA CAGATTGAGCCTCACTTTGG
46753791 F 0-19:A>G-19:A>G	TGCAGAACAGCGGCAGCCATTTGGGTACTTTCCAATGGGTTTCGATCCG GGTCCACTTTCCGGTGACCG
39718959 F 0-22:C>G-22:C>G	TGCAGTTTTCTTTACTTATCTCCGTGCGATTTTCAAAAATATTTTTAGCCA TGCGGAGCAGATTTCTCA
39721750 F 0-41:C>T-41:C>T	TGCAGAGAGTTAGATATGATCGAGTCTTCCCTCCTTTGATGCACTTTTGC CTTCAAAAATTTGAAGATT
39727490 F 0-18:A>C-18:A>C	TGCAGATGCTGACAGCAGATAAACAGAACACGTAAGTGGTTATACAA TAATTTCTAGAGTTGCTACA
39714127 F 0-48:A>C-48:A>C	TGCAGACAAGTATCCGAGCCACGTTTCATCCGAAGCTTCCCGATTACGAA GAAATCGCAGACAAATTCAT
46755528 F 0-43:A>T-43:A>T	TGCAGCCCCGCTTAAGAAACGAAGGTTAGTTGAAAATGCCAAAAGGAAA ACGGGAGAAGAAATTCATC
39716127 F 0-48:C>G-48:C>G	TGCAGCGATCTTTAGATCTTCTCTATGAGGCTTGTGGCCGGATTGTCA ATCCGATTTAC
39714961 F 0-18:T>C-18:T>C	TGCAGATGAGTATTCTTTCCCTCATATCTTCTGTATAAACTTTTCTTTGT ATCGATTAGAAAGGAAAA
39724594 F 0-46:T>A-46:T>A	TGCAGAAAGAGTATTAGATGATTGGCTTCACTTGTCAATGGGGCAATGC TGATTAC
39728625 F 0-34:G>C-34:G>C	TGCAGTTCAACAGTAGAATAAAAGAAATGCTTATGAAATAATTCTTTTTC TTTTGAAATGAGCAAAGTA
39725070 F 0-14:A>G-14:A>G	TGCAGGACCAAAGAACCCGTTAC
46755683 F 0-14:C>A-14:C>A	TGCAGCGCAGACATCGCCGCCCTCGCAGCGGCAGTCGGCCGGAGGAAG TAACGACTCGATGGTTTCGG
39729519 F 0-14:C>T-14:C>T	TGCAGATCAGAAAACCAAACACCATTAC
39722376 F 0-7:C>T-7:C>T	TGCAGCACTACAAGAACTGAGAGTACCATCGACAGCAAAGAGTTGCTT ACAATTATCAGTGCCTGAAA
39723730 F 0-35:G>A-35:G>A	TGCAGTAAAGAAAATTCACGAGCACTATCAAAGGCGAGCTTTCTTTCTA GGCTTCAGTCAGTCTCCGGC
39716232 F 0-65:T>A-65:T>A	TGCAGCTAAATTTACACAATATGTTTAGGGGTTGATGGAGAGGTAATTT TTAGGTTTGTGAACTCGT
39722399 F 0-21:C>G-21:C>G	TGCAGCAGACATAAGCCCCATCAGAAGAAAAAATGAACTCATGCTTCGA TGCATTTTACGGTCTTTGA
39722777 F 0-9:G>A-9:G>A	TGCAGCGATGTTATCTTGCAGCTCCTTACCTTTTTGTCTTCTCCTCGAC CAAATCTGCATGTCACG
39718424 F 0-45:A>T-45:A>T	TGCAGTGGCTCTCCAACATATGGTTGGTTCAATTTGGACTTGTGTTATGCA CGTAATTGTTGAGTTCAAA
39722126 F 0-20:C>T-20:C>T	TGCAGATGTGCCTGAGATTGCTGAACTGGTCTTCGAGTTGAGGTGGATC CAAAAACCTCGACAGGCTAA
39723157 F 0-7:A>G-7:A>G	TGCAGGAATGAACTTGTGGGTCATCATATTCATCTTGCTAATTGCCATTG CTGCATATTTTCATCAAGAA
39723477 F 0-6:G>A-6:G>A	TGCAGGGCTGGAATATTTGCACAATCTTGCAAGCCACCTATAATTCACA GAGATTTGAAGACTTCAAA

39718674 F 0-63:A>G-63:A>G	TGCAGTTCTCCTGGTTTGTGGAGTTCTCATGGGAATTGAGTTGGTACCAGCTAAATTGGCTTCATGTTT
39716821 F 0-51:T>G-51:T>G	TGCAGGAATGGCTCTCCAATAATTGCCATATAGTTTACCATTCTAAACTTTTATATGTTTTGTGACAT
46754021 F 0-36:C>A-36:C>A	TGCAGAATATGTAATGATCAGTACCAAAAAGTTGGCTTCAGTAATATTTATTGATAATTTCTATAGT
39726766 F 0-27:C>G-27:C>G	TGCAGTGTGGACATGCCTGAAAGAGACCATTGAGAATTTGGTGTCAATTCTGGGAGTATCCAGCCAGT
39717497 F 0-57:T>C-57:T>C	TGCAGGTCATTTTCTTTGAAATACTTTATTTATTGATAATGACAGTCCATGTATTGTTCAATTGCGATG
39727338 F 0-32:C>T-32:C>T	TGCAGAAACGCTAGTCTTAGACGAGCTGTCTGCCTCTCACTTGCATACATCCAACACCCAATTTCTATA
39713592 F 0-20:A>G-20:A>G	TGCAGAAATCAAATTGTAATACTGTTGTGTTTCCAAATATTGACATGTAAGATGATTTTTTTCCATTA
39713705 F 0-61:C>G-61:C>G	TGCAGAACCCAACCTCTTCTTCCCCATTTACTCCGCTGCTTCAACTTCCTCGACATCAACACCACAGTT
39716591 F 0-14:C>G-14:C>G	TGCAGCTTCTCGACCACGACCTTGATGCCGTTCTTTTTCTTCATGGTTCTAGATTTAGCCATATGACCA
39714237 F 0-7:G>C-7:G>C	TGCAGACGATGCGTCTTCTAGATCACCCAAACGTCGTGTCCCTGAAGCACGTTTTCTTCAACGACTG
39715579 F 0-9:T>G-9:T>G	TGCAGCAGCTGCTCCACCAGCCAACATTGGCCCCATGCCGTGGTGTCCGTGTCCATGGCCTGTAACGAA
39714514 F 0-59:C>T-59:C>T	TGCAGAGCCTAGATTTATTGAGCAGCAGTATCCTTCTCAATTCTGAAGTTTCAGAGAAACCGGTGACTT
39726049 F 0-67:G>A-67:G>A	TGCAGCAGCATCATTACGGGACTTGTATGTACAAGGAATGTTACGAACTTCATCTCTCAACACACGAA
39725542 F 0-5:A>T-5:A>T	TGCAGAAATCAACAGACGGTGGACCACCCACAAGTTCACTTTGTCCGATGCGTACTATTGCTACTTAC
39725690 F 0-41:A>G-41:A>G	TGCAGAGAAATTGCCAGAGAACTGTCCACGTGAAGCACTTCACTTTTTTGAGGCCTCCCCACCCAAAA
39727301 F 0-38:T>A-38:T>A	TGCAGTCATTCTCCTCTCAATCCAAGAATTCATATATTGCATGTCTAGGATAGTTTCTCATTATCCTT
39728541 F 0-28:A>G-28:A>G	TGCAGATCATCTCCAAAACAGAAAGCACAAAGTAAGCATACTCCTTCAACCATCTAAATCCAAGTCGAG
39725751 F 0-45:C>T-45:C>T	TGCAGAGCCGAAGCTTCGAGCCGGGTTGATACCGGCGCCGGTGACCGGATGGTGGCCAAATTCACCAC
39715675 F 0-22:A>T-22:A>T	TGCAGCATATTATGAATTTGTCACAGATTCAAAGATTCACTCGTTTGTTGAAATTTTTGATATGCAATG
39726161 F 0-18:C>A-18:C>A	TGCAGCCTAAAATATTCACCATTCCGTATCATCAGTCAGCGAACCATACAGTAAGTTTCTACATGTGAA
39723709 F 0-24:G>A-24:G>A	TGCAGGTTTTTTTTGGATTGTCCAGTGAAAACAAATAGAGGATACCTTTTGGTATGGCTTTGGTTGCTT
39720109 F 0-6:G>T-6:G>T	TGCAGCGGTGGCGGCGGCGACCGCGATGGCGTGGTTTCTGTGCGCGGCCGTTAC
46757525 F 0-42:T>A-42:T>A	TGCAGTTCATGAAAGACTTCTTCGGACAAGTGAAGACTTTGTTTGGCCTGTAGATTCAACCTTCCATGG
39722176 F 0-21:C>T-21:C>T	TGCAGATTGAACGCATATCATCTCGATATCAGCCGTCCCTTGTTTTATATAGTCTTGGGAACAACTTTT
39719505 F 0-18:G>T-18:G>T	TGCAGACAGTCAATTCATGTTGGAAGGCTGACTTAC
39726161 F 0-11:A>T-11:A>T	TGCAGCCTAAAATATTCACCATTCCGTATCATCAGTCAGCGAACCATACAGTAAGTTTCTACATGTGAA
39723157 F 0-43:G>T-43:G>T	TGCAGGAATGAACTTGTGGGTCATCATATTCATCTTGCTAATTGCCATTGCTGCATATTTTCATCAAGAA
39715382 F 0-18:T>C-18:T>C	TGCAGCAATGGACATCGATCACTATTCCTTTTCTGCTGTGCTCAGATCATGCTCAGATTTGGCTACCTT
46754535 F 0-50:T>C-50:T>C	TGCAGAGTTTAGATACCACATATTCTCCAAAGAATTGCCTCTTGTAAGTTTCTTTTTCTATGTCTCA

39716636 F 0-67:T>C-67:T>C	TGCAGCTTGTTTCCTTTCCAACCTCTTTTATTCTCTGAGATTTAGATTTCAAATGGATAAACCAATTCTT
39714269 F 0-58:A>G-58:A>G	TGCAGACTATGGTACAGCGTCTACAGGGGATGGAGCAGCGACAGCAGCAGCAGATGATGTCATTTCCTTGCAA
39724160 F 0-15:A>G-15:A>G	TGCAGTGTTCGTTGAGAGGAGAGTAGCTCCAGCTTTCTGATATCTGTCAATCGAGAGATCAATCTGTCTAG
39714983 F 0-26:A>T-26:A>T	TGCAGATGCAACAACATAATTAGAACACTGATGCAAGAACGCAAACAA GATTGACCAAAATAGAGCCAA
39723998 F 0-48:T>C-48:T>C	TGCAGTCTATATTCTCCATGCTCTTTCTGCAACAACCCCTTTTCTTCTAGCCCCATTACTCCAACAGA
39727916 F 0-45:A>G-45:A>G	TGCAGTTTGAAGGTCGAACTTTGGGGTATAAAGGATGGTCTCCCCATAATCATTCTCAAGCTTTTTATA
39721623 F 0-49:A>G-49:A>G	TGCAGACCTGTCACCTGGTCCAAAGTTGTACCATCTAGAAATTGCATTGAGTCACTATAAGAACTGGTC
39716284 F 0-19:T>C-19:T>C	TGCAGCTATATGATTTGATTGAGCTGAAAGTGCAAGGAGATGGTAACTGCCAGGTTAGTTCTTCTTACT
39716049 F 0-14:T>A-14:T>A	TGCAGCCTCTCTGCTCAGGCCCTTTGTAGCTTGCAGAGATGGTTGGATAAAAGTGGATGCCAATGAGTG
39724043 F 0-50:G>A-50:G>A	TGCAGTGACAGACAAATCAACATCTCTTCTCCACATGGAGAATTGGGCA GGTTC AATTACAAAGTAAAT
39715084 F 0-34:A>T-34:A>T	TGCAGATTATTGACATCTCTCGAAACAACCTTTACAGGGAATATATCTGGGAGAAGCCTAGCAACATGGA
39719944 F 0-25:T>C-25:T>C	TGCAGCAGATTTTTTCCC GGATAAATTCTAGTTACCCTACATTAC
39714081 F 0-26:C>A-26:C>A	TGCAGAATTCTGATGGGATTCAGTGTCTTAGTGATGGTATGATCACACCCGTTTCAACAATCTATCT
39721119 F 0-32:A>G-32:A>G	TGCAGAAAACAACACTAGTCCATGCAAAAAGATACAAGAAGGGTCGACATACCTTTGTTATCGTCTCTTTG
39724695 F 0-17:C>T-17:C>T	TGCAGACAGACTTGTATCGTAACTTGGCTTGAATGTGTTCTTCTCAAGCTATACTCTTAC
46768976 F 0-9:G>A-9:G>A	TGCAGCATCGACTCTCTCATTATCATCATCAGATTCACTTGC ACTTGCATCTGTAGCCAAATAGAGAAG
39724664 F 0-38:G>A-38:G>A	TGCAGAATATTTTTATTATTCTCATTATGAGAACAACAGGTTTAC
39714194 F 0-7:T>C-7:T>C	TGCAGACTATTTTCTCCCATGCAAAGTTATGTATTATTATACATGAATAAACTGTAGGAGTTTCTTGTA
39723190 F 0-33:A>G-33:A>G	TGCAGGACTTGGAGGTTTGGGCAGTGGACCAGAACTTTGTGTATGGTCA TTACTTTCCCTTAGGTAAG
39728908 F 0-42:A>C-42:A>C	TGCAGAGATTGAGAAGTCTACCCAAATTGATAGGGACTTCACATAATTTTAC
39724021 F 0-23:T>C-23:T>C	TGCAGTCTTTCTTTGTCAACACATGAAGCTAAACGGAGGGCTTTACACCA TGCTTCTTCTCCAGGAA
39725622 F 0-64:A>T-64:A>T	TGCAGAATCCGAGAGCTTTCTTCCCTAGCTTTGCTGATTCATGTTGAAGATGGCAGCCATTGAAGTCC
46762338 F 0-45:T>C-45:T>C	TGCAGAAAATATATGACATTCATATGGCAAACCTTTGTTCTTGTFTTAGAAGTTGTTACCCACCTGGTTC
39726094 F 0-9:T>A-9:T>A	TGCAGCATTTCTCAGCTCAAGTCCTTGCATCAGCTACACCCCATAGAATCTCTAGCATTTC AAATTAC
39721554 F 0-38:G>A-38:G>A	TGCAGACAACGACACTGAAGATGGTAGAGTATTTTCTGTGAGAGTTCC CAATGTAGGCTTGAAATTTC
39721315 F 0-16:A>C-16:A>C	TGCAGAACTTTAACACAATCTGTGAAGCTGACGACTCTTCTCAACCTGT TATGTACGTACCTAGTGCA
39728071 F 0-18:C>T-18:C>T	TGCAGGTAGAGATGCAAACATCATAACGGATCATTCTGGGAATTAC
39729518 F 0-13:C>A-13:C>A	TGCAGATCAGAACTCGAACAACATTAC
39717950 F 0-21:C>T-21:C>T	TGCAGTATGATGTACAGTGACCGGAGGCAGTATATGATGGCCAATAACGGCCAATGCTTTGTCCGTTTA

39726531 F 0-38:C>G-38:C>G	TGCAGGTCTGCTCTTTTCACCGTTATATTTAGGTGTTTCCATTTAGAGGCTACTACTCCAGGTGTTTGA
39726206 F 0-22:C>T-22:C>T	TGCAGCGGAGAGGTTGAGATTGCCGTACTTGAGTGCTTATCTGAACTCGCTCGGTGCTAATTTCCGGCA
39723484 F 0-21:T>A-21:T>A	TGCAGGGGAATCTCCACTACTGCTTCCCCTAATATCCTCCCTTTACCACATCATGGGGGTTTACAGGA
39714074 F 0-38:A>G-38:A>G	TGCAGAATTCATGACCGCGGGAGCTGGATTGAAGAACAATGGGTCATTGACATTTATTGGGTTGGGTGT
39717235 F 0-29:G>T-29:G>T	TGCAGGCTTTGGCGGCCGAGTTCAATATCGCTGAGACGTGTTATTTGATTGCGATGAACGACGAAGACG
39726728 F 0-6:G>A-6:G>A	TGCAGTGCATAGTTTTCAAGTTGTTTCATACAGGCCCGGAGCCAATGCTAGAGAAAATAATCTGTGAACA
39722311 F 0-23:C>T-23:C>T	TGCAGCAATCTTGCATTTGAAGACATCGAGATAAGATCTGCAAATTCTGATAGAATCACTCTAGCCTCA
39718161 F 0-18:G>T-18:G>T	TGCAGTCTCACCTCTTCCGGCGGATAATACTAACAAGCAAGCAAAGAAGGACAATACAAACCATCCACG
39721040 F 0-20:A>G-20:A>G	TGCAGAAGGCTTCCTTCTGGATGTGTTGTTCAAGATATGCCCAATGGGATATCCAAGGTAAAAACATAA
46756765 F 0-40:A>G-40:A>G	TGCAGGTGAAACACAACCTCATGCCTCTCCGAAACGCCTCCAAAGGAGACAACAGGATTCTTCTTAGGGA
39725092 F 0-17:G>A-17:G>A	TGCAGGATTCGAGATTGGGGGATACAGGATGAGGATGAGTCGAAGTTACTGCAGAAGGCCAGAATGTCACCGAGAGCATGGTCTCATTCTCGGCTCCTTCGACTCCCGTCTCTCCG
39713799 F 0-43:C>T-43:C>T	TGCAGTTTCCGAAGCTAATCTCAAGCGAGCTTCCAAGAAAGAGAATCGCGATTGGTTTTTTCATGGAG
39724415 F 0-17:A>T-17:A>T	TGCAGTTCAGATCATTTTTGGAGCCATTTTTGTGGAAAAAGTATAGTTCA TCAAAGGTGTCAGAATATA
39718633 F 0-65:T>G-65:T>G	TGCAGAAGATCTATCCACAATCGAAGGAATTGCGACAGTGTGCTTCTA CATTCTTCATTCCCCTCA
39721365 F 0-12:A>G-12:A>G	TGCAGTACCGATTGCTTTACAAAAGGTATGTTGCTTGTGCTAATTAGTAGACTCTGTTATACTTCTCCG
39723786 F 0-44:T>C-44:T>C	TGCAGTCATCCATTGCAAGTCACCAGCTCCAATTGTTCCCTTTATGTCCTTTGAAATCTTCATGTGTCAT
39723925 F 0-31:A>G-31:A>G	TGCAGGATGTAATTCTCTTATTTCACTTCTTTTCTATTCCTGATAAGCAATAATATTAGCAGCAGCTC
39723266 F 0-24:A>G-24:A>G	TGCAGAACATGCACCAGAAACGTTGTGTAGGATGGATTCTCTTGTTCATTGGGAAATACTGCAAACCTT
39716167 F 0-68:A>T-68:A>T	TGCAGCGGCAGCAGCAGTAGGAACAACACCTGTGGATATTCCCGGTTTTGACAAATGCAGCAGCTGTA
39721657 F 0-20:A>G-20:A>G	TGCAGACTCAGTTGCTTGGCACCGGCTAGAGCTGCAATTCCTGAATCTGTGATCGAGCATTTTGAGACA
39714974 F 0-63:A>G-63:A>G	TGCAGATGATGGGAAGAGATGGGATGCAGAACCGGACCATCTGAGAGAGGAAGTAAAAGAGTTAGGTAG
39721910 F 0-44:A>T-44:A>T	TGCAGAGTCTAGACAGCTACACGTGTACAGGTTTTTACTGGAGAAAAAAGATGAGATAAAAAGCCTGTT
39721215 F 0-14:A>G-14:A>G	TGCAGAAAGTAAGCAACCTCGAGGATCGGTGGCTTCAAAGGAGATGCATAGGCAGCTTCTCCATGTAAG
39727848 F 0-51:T>C-51:T>C	TGCAGTGATTGGCATTGATCATGAGGTCACAACTATTTCAATACTAATTTTCACATTACTTCATATT
46776598 F 0-8:T>A-8:T>A	TGCAGATCTAGGAGAAAAAAAATTCTTCTAGTGGAGATAATTTGGAATCTACAACGCCAGGTGCTTTT
46760832 F 0-37:A>C-37:A>C	TGCAGCAAATCTTAAAGAAACCTAACATTCTTGTTGAGTATATCTTACTGCAGAGACGGTGGTGAACATTTGCTTGGATTGAGTGTGGCAGCGAGTTCTATGGATAGAAGTTT
39721733 F 0-45:A>T-45:A>T	TGCAGAAGAATGAGAAGGCTCGGACTGCATTGTATTACTTGCTTCTTTTTTCATTCTACTACCTATG
39713776 F 0-21:G>A-21:G>A	

39720223 F 0-43:G>C-43:G>C	TGCAGCTTCCCCAGGCGCTGTGCAACCTACTAAGAAATCCTACGGAGATCTTAC
39720865 F 0-21:G>A-21:G>A	TGCAGTTGGGTGTGAAACACAGGTTAC
39723697 F 0-66:T>A-66:T>A	TGCAGGTTTTCGCCATTTCATCCCTCTCTCTCACCTTCTCTTTCTTCTGTT CATCGTTTCGGCTATAT
46762726 F 0-21:G>T-21:G>T	TGCAGACATTGTGGCAAAAAAGAGAGCTTCAACTAACACATAATTTAC TTTCCTAGTAATGTCAGCCA
39722001 F 0-19:T>C-19:T>C	TGCAGATCATAAAGCTCAGTAGTCATAAAGTTTGGTGCTGTTCTTTCAAT TTCTTTTGGTGTGGCCTTA
46776599 F 0-27:G>T-27:G>T	TGCAGATCTAGGAGAAAAATAATTCTGCTAGTGGAGATAATTTGAAAT CTACAACGCCAGGTGCTTTT
39725462 F 0-7:C>T-7:C>T	TGCAGAACAGAGAGGCCGTGTCGACGACGATGTTCCCGACGACGACTAT GGAGCCATCGATGAAGTAAT
39725751 F 0-24:G>A-24:G>A	TGCAGAGCCGAAGCTTCGAGCCGGGTTGATACCGGCGCCGGTGACCGGA ATGGTGGCCAAATTCACCAC
39722695 F 0-31:G>A-31:G>A	TGCAGCCGGCGGGAAGGCCGGAGATGACGTGGATCTCCCTTAGGGTTCC GACGTTGCCGTCGCCGACGA
39724388 F 0-64:T>G-64:T>G	TGCAGTTTAACTTATTCATACAAATGGATAAACCCAGAAACATGAAGTA TTGTGCTATGTTGTTTTTT
39725516 F 0-23:T>A-23:T>A	TGCAGAAACATTACAAAAATGAGTATGTGAACTTTTCGCAACTTCATCTC CGTCCTCTAAGAAAACCAT
46753609 F 0-8:A>T-8:A>T	TGCAGAAAATTTTCGGAGAAGATGACTCAGAAGGCGAACCTATTCAAAG GGCAACAGAAGAGGAAAACC
39718292 F 0-36:C>T-36:C>T	TGCAGTGAGTGATTCCAAGCTCTCATTTTTCCGGATCGCTTCTCTATGC GAGTGGCCAAAACATCATC
46764483 F 0-8:C>T-8:C>T	TGCAGGCGCGGCAAGAGGCTGTGGTTGGCAGCACTTGGCTACTTACATA AGCCTCCCGACGTTCTATAT
39718593 F 0-14:A>G-14:A>G	TGCAGTTATTGGAGACATTGTATTACAAGTCTTGTTTACTTGAAGTTTTTA GCTATCACTTTCAATGAA
39722812 F 0-26:G>A-26:G>A	TGCAGCGGCGGAGAGAGGAGGACCGGCGGCGAGATTCAGTTGAGGAG CGGTGTTTTACAGCGAGATTG
39715211 F 0-65:C>A-65:C>A	TGCAGATTTTGGCGGGTTTTAGAGTAGGAAGCGATGAAGGAAAGTATCG AGCCGAGTGCAGGGACAGT
39726728 F 0-8:G>A-8:G>A	TGCAGTGCAGTATTTTCAAGTTGTTTCATACAGGCCCGGAGCCAATGCTAG AGAAAATAATCTGTGAACA
39717946 F 0-22:G>A-22:G>A	TGCAGTATCTTAGAGACTACCAGACTTTTGCTGGCACAGCTCCAAGACGT CATCAGAAAAGGTTAGAGT
39728670 F 0-28:G>C-28:G>C	TGCAGGAGTCCCTCCAGTCAAGTGGCTGAATAAGAAGATTGATTAC
39725897 F 0-35:G>A-35:G>A	TGCAGATGTGCGGCAATGGAAGTGAGATAAAGAAAGAGAAGATAGATT TTCATTTTTCTTAC
39715635 F 0-23:T>C-23:T>C	TGCAGCAGTGGGGAGATCATGAATTACATGAGTGTTGATATCCAAGAA TCACAGACTTCACTTGTTTC
39728901 F 0-8:C>G-8:C>G	TGCAGTTTTCGATTTGTTGCTAGCAAATCCCTTTCTTCAACAATTTACTGAC CCATATTTATGATTTTTG
39724357 F 0-25:T>A-25:T>A	TGCAGTTGGCTGCACAAGGGGTCATTGGTAAAAGGGTTGATGAGATGGA GTCAGGCTTTATGATGGCCT
39722593 F 0-15:G>A-15:G>A	TGCAGTCAAGGTTTGGTTCTAGCTAGCAATGTTTATGATCTAGGGCAACAA TGGCATGCTCCATGGTGGC
39725739 F 0-68:A>C-68:A>C	TGCAGAGATTTCTTTCTTGTATGCTAGGTTGTATCAGAATCAGAATTCCC CCAGGGATCCTATCTTGTA
39714590 F 0-63:G>T-63:G>T	TGCAGAGGGACAATGATCTTGAGTTGAGGGAGTAATCAGTTGTACAAAA AGCAAATGGTGAGGGCTGTA
39722399 F 0-39:C>G-39:C>G	TGCAGCAGACATAAGCCCCATCAGAAGAAAAAATGAATCATGCTTCGA TGCATTTTTACGGTCTTTGA
39715249 F 0-44:T>C-44:T>C	TGCAGCAAATTCAGAGTGATGCGTTGAGGGAAGCTATTTTCATCTATCTT CAGTGATAGCAGCGAAAAG

46767014 F 0-32:A>G-32:A>G	TGCAGATAGTGTAATATCAGTACAAAAAATCATCGTTAC
39724835 F 0-12:C>T-12:C>T	TGCAGATTAAGGCGTGTTTCTCGGCAAATGGGTTTTTAC
39726930 F 0-25:C>T-25:C>T	TGCAGAAAACCTGCATCAAATTATCTTAC
46755473 F 0-18:G>A-18:G>A	TGCAGCCATGAAAGCTCTGGGTCTTGCTCACTTGAAAAGAATTTAGTCAA GCCTTGATGGAGCCTAGCT
39716067 F 0-37:T>A-37:T>A	TGCAGCCTGTTTCTTTTCTAACTTGTAATTTTGGATCCCTTGCTGTCAT TGTTTACTAAATTCATGT
39723114 F 0-57:C>A-57:C>A	TGCAGGAAAACCTCGAGGAAGATTGTTGATGAGAAAGTTTCTTGTTGAGG GCTGAATGCTGGGGCTTTGT
46756987 F 0-40:C>T-40:C>T	TGCAGTACGATGCATCCCAAATCAATCTCATCTGCCCTGCTGTAGTCCC TATGATATCTATTACGAGA
39713493 F 0-32:A>G-32:A>G	TGCAGAAACATATGGGTACTGGATCCGTTGGGAGAGTTGGATAAAAAGA AACATAGGAATTCAGTGTAG
39716831 F 0-56:A>T-56:A>T	TGCAGGACAAAACGGACAAACCTTCCATGAAATTAGCATAAAAATAGAC AAGGGAAAGGGAGTCTCAA
39727089 F 0-5:T>C-5:T>C	TGCAGTCGTTGTAAGAAACCTAAGAGAACAGTTAGCATTTTTTCTTCAGC TATTATTTTAC
46763290 F 0-21:G>T-21:G>T	TGCAGATTCTTGCTCAGTTTCGCTTCAACACGCCGATGTCGGAAAATTG CGGCTCCGGTGACCGGCCG
39727123 F 0-10:G>C-10:G>C	TGCAGCTGCTGAAGGAGGCATATTATTCATATGCTTTTCAACTTGTTTCT TTTAC
39725342 F 0-18:A>G-18:A>G	TGCAGTGTCCGGTAGCATCAATTGTTAC
39715555 F 0-67:T>G-67:T>G	TGCAGCAGCCGCTAAGGTAGCCATGGATTTCAGATTTTCTTCCCTACAGAG AGACTGAGAGAGAGATC
46757642 F 0-59:T>G-59:T>G	TGCAGTTGCTGCTGCTGTCCAAATCCTAATTTCAAAGAAGGTAAAGTTAG AGCAAATATGATAGAAAT
39716443 F 0-16:T>A-16:T>A	TGCAGCTGCTCTGCCTTCAGGTCATGTTTCTGTTGCTGGTTCTACACAGGT TCAAGCACAACCTACCAAG
39725622 F 0-65:G>A-65:G>A	TGCAGAATCCGAGAGCTTCTTCCCTAGCTTTGCTGATTCCATGTTGAAG ATGGCAGCCATTGAAGTCC
39714677 F 0-36:A>T-36:A>T	TGCAGAGTGCATGTAAGATATAGCTCCTGCAACTTCAGAAGCGATTTG AGACGAGTTTCCCATGGAAG
39717107 F 0-8:A>G-8:A>G	TGCAGGCCAAAACCTATAATTTTTACCAGCGCATAACACATACATAAG TGTCTTTTCAAGATAACTAT
39715175 F 0-7:T>A-7:T>A	TGCAGATTTCAAAACCTCAAACGATTGAAAAGAATCACCTTGGTGTGA TACCATTTGTAATAATCAGG
39725720 F 0-38:C>T-38:C>T	TGCAGAGAGAGCAAGTGATCGATCAACGTGTTTCTTCCCTCTTCCCTGTT GCTCCGATGTTTCGTCGATC
39717099 F 0-30:C>T-30:C>T	TGCAGGCATGTACATGGAATCACCACCAACGGTGCTCCACAATCAGCT AGTTGTGCTCGAATCTGCAT
39726043 F 0-32:A>T-32:A>T	TGCAGCAGATCAAGAACTGCGCTCGACGACTACACCAAAGATGGAAGC GTGGATCTCAAAGGCAACCC
39721134 F 0-65:T>G-65:T>G	TGCAGAAAGCTAGGAAGCAGAGGAGCATTGAAGACGGCCATGAAAAGG TAAAGGTGCAGCTAATTTTC
39722189 F 0-37:G>A-37:G>A	TGCAGATTGTACCCAGCTGCAATCTGGAAAGAACGTGATGATAGCAGC ACATGGAAATTCATTGAGGT
46763722 F 0-8:G>T-8:G>T	TGCAGCCAGAATTGATATTCTGGATATGGAGATAGAGGAAGGGAAGGA GCTTGCACCGAGACGAGCCAG
39723598 F 0-45:C>T-45:C>T	TGCAGGTCCTGCTCCAATGATAACAACATCATATTCTATAGACTCCCGTT CCGCCTCACTACTGAATCT
39721846 F 0-39:A>G-39:A>G	TGCAGAGGAGAATGCAAAGCAAGAAAAAGGAGCTGAGCAACCATCCGG CTCACAGGATGCAACTATGTC
39725462 F 0-15:C>T-15:C>T	TGCAGAACAGAGAGGCCGTGTCGACGACGATGTTCCCGACGACGACTAT GGAGCCATCGATGAAGTAAT



39728541 F 0-11:T>C-11:T>C	TGCAGATCATCTCCAAAACAGAAAGCACAAAGTAAGCATAACCTCCTTCAA CCATCTAAATCCAAGTCGAG
39717744 F 0-29:G>A-29:G>A	TGCAGTAACCATCGGCGTCTATAATTTCCGACATGTCGAACAACGTCGGT GCTCGACACCGGTAATCCG
39721740 F 0-33:C>T-33:C>T	TGCAGAGAGAATGTTTCAAGATTTAGTTTCGTTGCCTTATTCATGCAAGCAA AAAAGAAAGAATCATCATT
39722511 F 0-10:A>T-10:A>T	TGCAGCATCAAAAATGCAAGTTTATGTCAAAAAAACACAGACCATATT GCATCAAGAAATAGAAAAAG
46764552 F 0-14:G>C-14:G>C	TGCAGGGCAATGGTGAGGGGAAGAGGCTGAAGGTGGCAGCTTGTTGCA AGCATTACACAGCCTATGATC
39724575 F 0-27:A>C-27:A>C	TGCAGAAAACCTACCATATCAATGACAACCTTCACTTCTTTAC
39719966 F 0-38:T>A-38:T>A	TGCAGCAGGGGTTCGGATATTCACACCAAACATCAATCTTCTGACATATTC TTAC
39722798 F 0-52:T>C-52:T>C	TGCAGCGCTGTTGATTGATTGGGTCTGAATCACTATAAGCTCGAATACCC ACTGCCAAGGATCGTTCT
39726935 F 0-13:A>G-13:A>G	TGCAGATAATTGAAAATAAACTTTTACACGTGTTGCAATATTTAC
46753848 F 0-21:A>G-21:A>G	TGCAGAAGAAACGCTAAAATCACTTATTGCAAATGGTGAAGCTTGCAGG TAAGCTTTGAAAAACGATG
39722375 F 0-53:G>T-53:G>T	TGCAGCATTCAACAAGAACTGAGAGTACCATCGACAGCAAAGAGTTGCTT ACAAGTATCAGTGCCTGAAA
39714216 F 0-31:C>G-31:C>G	TGCAGACCTCTCATTACATGTATGAAGTTGCAAAATTCCTTTTGGAGAG CACATATTTGAAACATGGA
46768934 F 0-35:T>C-35:T>C	TGCAGCAGCCAATGAAATGGCCACTTTTCTGTTTCTCTAGAACGGAAAAT TCTGTCACAAGTGGAAGGT
39721343 F 0-39:T>C-39:T>C	TGCAGAAGACAGTGACCATGCCGAGAGTTTACAACATAATGTTTCGTAGA CTTGGTCAAGCAAATTACCA
39719698 F 0-23:T>C-23:T>C	TGCAGATATAGAAATAATCAAAATATCTCTTCAAAGTACAAAGTTAC
39722020 F 0-68:G>C-68:G>C	TGCAGATCCTAAATGACTAGCCAATTTCAAATAGTTTGGAAACCAGAA CATAACAAATGGATAAGGG
39724377 F 0-64:T>A-64:T>A	TGCAGTTGTGCTCACTTCTTGCATACCCTGATATCAAAGTAGTCCATGCC ACCACATCCCGCGCTGGAA
39727834 F 0-36:G>C-36:G>C	TGCAGTCTGTGGCTGGCGTTGGCAGCCAAACCAGCAGAGCACCGAGAGA TTCTGTGGAAGCAAATTGAA
39718939 F 0-57:G>A-57:G>A	TGCAGTTTTACATTCAAAAACCTTTAGCAAAAGAAAAGCTTCCCTGACCAC AAACTAAGAAGAAAAAAG
39726300 F 0-52:C>T-52:C>T	TGCAGCTGCTTTTGGCATGGCCAAGGCTATACAAAGATGAACTAAACCC CCCCATGTCAATCTCTAATC
39718404 F 0-30:A>G-30:A>G	TGCAGTGGATGTGCAGTAGCATCAAGATTTACAACAACCTGACATTGCAA AGGAAGACAATGTTACAAG
39715456 F 0-48:C>T-48:C>T	TGCAGCACTAATTCTCCCAATTTGATGCAGAGAATTGGCAAGGGCCGAC TTACCAACATTTGGAATTCC
39714752 F 0-27:G>T-27:G>T	TGCAGATAATCATGGAAGAGTTCAAGTGATTTTCATCTCGCAACCATCCG AAACCGGAGTGAATTTGAA
39720421 F 0-23:T>C-23:T>C	TGCAGGCTGCAATTTTATAATTATTGGAGTTGCTGTTTAC
39722176 F 0-63:A>G-63:A>G	TGCAGATTGAACGCATATCATCTCGATATCAGCCGTCCCTTGTTTATAT AGTCTTGGGAACAACCTTT
39725039 F 0-57:C>A-57:C>A	TGCAGCTTGTTTTTCTTGGACTTGTGTGCTTCACTCTCCCATATCCTCC TTCTCTCGAGATCGGAAG
39727511 F 0-13:A>T-13:A>T	TGCAGCAGAATGCAGATCGGAGAGAAAAGGCAAAACCAAATAACTTC TCACAAGCATGTTCTACCAT
39723401 F 0-50:G>A-50:G>A	TGCAGGCTGAGGACAATCACCAGGACAATGAGCAGCAAAATGATGATG CCGATAATCGTCCATTTCCGG
39725365 F 0-24:A>T-24:A>T	TGCAGTTCATCAACTGTATATATAAACTGAATAATTCAAGCATCATTAC

39715610 F 0-12:T>C-12:T>C	TGCAGCAGGTGGTTGGGAACCTAGGATGACTGATTGATAGAAGATACCTTTATTGCCTATTGGTTCATC
39725703 F 0-31:G>T-31:G>T	TGCAGAGAAGATGGTTATTTCCACAATTTTTGCATCTTGCTTTACTTTTCTTGAATACTAAAATGTAAG
46768554 F 0-27:C>T-27:C>T	TGCAGAGCAGCTAAGATCATCAATCTTCGACGAGATCACTAAACTGTCCCTGAATCGTCGCTTTGTGG
46772371 F 0-60:A>G-60:A>G	TGCAGTGAGCTCATTTCAGCTCAGTGTTGGTGCAGCCGGAACCTCGAATAAACTGTCAGACTTCCAAA
39713930 F 0-55:G>T-55:G>T	TGCAGAAGTCAGTGACCTCATGAGTGTCTGGACTCTCAACCAAGAAACTGTCTACGACATTCTCCTTGG
46756177 F 0-16:T>C-16:T>C	TGCAGGAATGTTTTGTTTGCATTCATGTGCGTTCATACATCTCTTTTGTGAAATACTGAAGTTGTTT
39721708 F 0-24:C>T-24:C>T	TGCAGAGAAGATCTCCTATAATTGCTTGATTCTGTTATGGATGTATTAGTTGTGGAGTTGGCCATGATG
39725943 F 0-56:A>G-56:A>G	TGCAGATTTTATTTTCGATTTCTCTGCAACATATGTTGGGGTTGGAATGATTTGTCCATACATCATCAAC
39721987 F 0-13:T>A-13:T>A	TGCAGATATTTGCTTCTGATAGCTTTCTTGAGTTGACAGAATATACACGTGAAGAAATTTTGGGCCGAA
39722440 F 0-49:C>T-49:C>T	TGCAGCAGCCATTGAGACAGCAAAAGCTGACATTTGAAGAAAATGGTAACTCGAAATGGGGGAATCCCAA
39725365 F 0-20:T>G-20:T>G	TGCAGTTCATCAACTGTATATATAAACTGAATAATTCAAGCATCATTACTGCAGTTCACAAACAAGCATATGATATACAGAATCCTTTGTTATAATTCAATCATCTTGTAATTCAAAT
39725687 F 0-36:G>A-36:G>A	TGCAGACTTTAACCCCATGATGTAGAGCTGAATGCTGGGATGCTGGTACTGGGAGTCCATCGCAACA
39723697 F 0-41:C>A-41:C>A	TGCAGTTTTGCGCCATTTCATCCCTCTCTCTCACCTTCTCTTTTCTCTGTTTCTCATCGTTTCGGCTATAT
39728787 F 0-30:T>C-30:T>C	TGCAGTTCCTCATGACTTACGAGGGGCTGCTCTCCATTCTGGCTAGTGGAATTTCTTCTCTATTACA
39718827 F 0-14:C>T-14:C>T	TGCAGTTGTTGGTGC GGATGATCTTGACTTGGGGGAACAAATTCACACACTTGTTATGAAATCAGGTTT
39721273 F 0-19:C>G-19:C>G	TGCAGAACCAAATCCTCGACTCGGCTGAGTCGTCCGAGTTCTGGAGGTTCAAACCGCTAAGACCACAC
39727212 F 0-22:C>A-22:C>A	TGCAGTATCCGATGCAGGAGAACTGGAGTTC AATTCTTGAGGGGACAAA AACC AATTAC
39715603 F 0-5:C>T-5:C>T	TGCAGCAGGCTCTGGAAC TGC GGATGAGCCAGCCAGATATCGGGACGATGTATCGGCTTCGGTTTTTCG
46754303 F 0-7:A>G-7:A>G	TGCAGAGACACAATCTCTCACCTTGGTATCAAAGAATGCAGCTTCACCATTTGTGGATTAGCAATCAG
39719766 F 0-5:A>T-5:A>T	TGCAGATGCCAGTCGTAGGGAATGTATTCTCTGTCCATTTTTTTTAC
46768450 F 0-13:C>T-13:C>T	TGCAGACCGGACCCACGTGAACCGGCCGCCCATCCCAAAGTCAACCTTCTCTAACCCAGCCTTGACC
39718212 F 0-35:C>A-35:C>A	TGCAGTCTTCTGCCTTTTTGTCTTTGTTTGGGACCCAATTCGTGTCTCAATCATATACTATTTTGTCTT
39721466 F 0-62:C>T-62:C>T	TGCAGAATATCTGGTAATTCAATAGACAGCTTTCACATTGTATCACTATAATTTTCTATCTTCGACATT
39725248 F 0-23:A>G-23:A>G	TGCAGTAGTATGCACTAAACATTATATGCGACTTTTCTTTAC
46758077 F 0-16:G>A-16:G>A	TGCAGAAATTAAGCGCGAAGATGCTCTGTTTCGGCGATATTTTAGGGATTTGATTGCTGTTGCCGTTGG
39723708 F 0-59:C>T-59:C>T	TGCAGTTTTTTTTTGGATTGTCCAGTGA AAAACA AATAGAGGTTACCTTTTGGTATGGCTCTGGTTGCTT
46774011 F 0-45:C>A-45:C>A	TGCAGTTAAGCTATGCTCCAAGCCCTTGCTTTATGGAAAAAATCCA ACTTCTACTGGGCAATCACA
39720312 F 0-11:G>A-11:G>A	TGCAGGACTTCGTATGCTTGATTAC

39724850 F 0-32:A>G-32:A>G	TGCAGATTGTTTCAACATAGTTGCAGTTTCAAAAAGTGCTGAACTTAC
39728414 F 0-22:T>C-22:T>C	TGCAGTTTCCCCATCTGATCTTTGGTTTTAGTTTCACTATTTGAATCGAAT ATATCCTCTATTTCCTGTT
46765580 F 0-53:C>T-53:C>T	TGCAGCAGTTTGCAGACTCTTCTCATTGAGGGGCGGTTTCATGGGGAGTG AGCTCGTGCAGAGAAGTCCC
39714241 F 0-6:C>T-6:C>T	TGCAGACGCAATAGCTCCGATGAGGGTGGTCTGGAGGGCACTTTTGAAG GGCTTATTACCTGTGAAGTA
39723055 F 0-32:G>A-32:G>A	TGCAGCTTGGTCTTCTAGCTTCCAAGGATGGGACAGATTGTGAGGGTA ACTGATAGCTCTGGGGGAGCC
39725505 F 0-48:G>C-48:G>C	TGCAGAAAATAAGCAACATATGGATATGGATTACTCCAAAGAACGTGAG GGGTTTCATGAGTAATGACT
46771683 F 0-13:G>C-13:G>C	TGCAGAAGTTGTGGATCATAAATGCAGTGACATTGTGTATCAGTATTATT TTCTGATGCATCAAATGAA
39727979 F 0-24:T>C-24:T>C	TGCAGAAGGGATGGCCAGTTTGTAGTGTCTGAGAAAAGTAGTTTAC
39715313 F 0-57:T>C-57:T>C	TGCAGCAACTGCTCAGCCCAATACAGGAAACTGGGTCTACTGGCCTTCC CCTGCCGGTGCCGGGGCCTC
39726534 F 0-40:G>T-40:G>T	TGCAGGTGAGGCTACAGCATGTTTTATAGGGAGTCATTTGGTATGCAATA TCTAATATCGTTGACTTCA
46768934 F 0-5:C>T-5:C>T	TGCAGCAGCCAATGAAATGGCCACTTTTCTGTTTCTCTAGAACGGAAAAT TCTGTCAAGTGAAGGT
39728933 F 0-22:T>G-22:T>G	TGCAGCAAATGTAAGTTCTTATTGCCTCTTATACTCAAATCAGATACC CATTTGATCGATTAC
39714010 F 0-17:C>T-17:C>T	TGCAGAATCGCCACGAACGAAGGTTATTGTCCTCGCTCGTTCTTGGGCAC TAGCTGCAATCCATGGTGG
39718724 F 0-36:A>T-36:A>T	TGCAGTTGAGACCTACGCAAAAAGGCATTTCTTCCATAACGCAAAGAAAG GAGAATAGCAAGAAGTGTAG
39721311 F 0-35:A>T-35:A>T	TGCAGAACTTGATGAGAGTAATGCCACAGCATCTGAGCGTACTGAAATT TCAGCAGAAAATGATATGCA
39722442 F 0-42:A>T-42:A>T	TGCAGCAGCCCAGATACCTATCCAAAGATACCAGAGTCTTCAAATTCATT CTGCTGCAAAAAAGTTAGA
46764813 F 0-49:C>T-49:C>T	TGCAGTAAAATTTCTGGCGAATACAGAGTAGAGCTACGGTACTGGAGTA CGTTGTTTCTGGAAGGCTCG
39726039 F 0-18:T>C-18:T>C	TGCAGCAGAGCAGGCTCCTCCAGGAGTGGAACAACGGGAGTGAGAGT AGAGAGATGAGAGCAGAGAAA
39721466 F 0-36:A>G-36:A>G	TGCAGAATATCTGGTAATTCATAGACAGCTTTCACATTGTATCACTATA ATTTTCTATCTTTGACATT
39717172 F 0-54:C>T-54:C>T	TGCAGGCGTATTTCTCCC GCCGGCCAATGGGGTCTACCGGACTGACTTT CCGGCGAGGCCGCTGTCCC
39716325 F 0-41:A>G-41:A>G	TGCAGTCTATCTTGTCCAGCTTCTGGAAGCATGGCAGAATCATAAGCAA CAATATTTCCATAAAAAGATT
39714066 F 0-35:A>G-35:A>G	TGCAGAATTACTTCAGGAGCCATCCAATATGGAGTACCCTTCATAGATTT TGCACCTGAAATTGTAGCC
46757450 F 0-37:A>G-37:A>G	TGCAGTTAAGTTGCCTGACGAGGATGGCGATGCACGTACCGCAAGAAGC TTTCGAAGATGATGACAACT
39715551 F 0-67:T>C-67:T>C	TGCAGCAGCATTGTCGTAACCAATTTTCTGGAGACAATATGCAGGGACA TATTATCAAACAAAGTACTA
39717168 F 0-53:A>G-53:A>G	TGCAGGCGGCGGCGGATTGCCGAGATTTGAACGGAATTAGGCGGTGAT GGCGACGACGACGAGGATA
39726934 F 0-6:A>T-6:A>T	TGCAGAAAATTGAGAATAAAACTTTTACACGTGTTGCAATATTTAC
39725342 F 0-10:G>A-10:G>A	TGCAGTGTCCGGTAGCATCGATTGTTAC
39726721 F 0-35:T>A-35:T>A	TGCAGTGATTCTAATGATGTGCACTTCTCTATATTCATTTATGACATAG GAATTTGGGGCCTCTTATG
46758741 F 0-25:T>G-25:T>G	TGCAGATTAATGATATGTCAGCCCCTGTACAGCCTTGAGTAAGAGAAGC CAACTTCCTCGTACTGACAT

39724594 F 0-27:T>C-27:T>C	TGCAGAAAGAGTATTAGATGATTGGCTTCACTTGTC AATGGGGCAAAGC TGATTAC
39715161 F 0-30:C>T-30:C>T	TGCAGATTTACTCCTGGCGAGTCACAATAGCAAATGCCACCAGCAATGG CTTCTTCGGCTCCCATTTGCC
39726805 F 0-46:C>T-46:C>T	TGCAGTTCCTTTCTTGGTGACTATCGCCCGCTTATTCAGGATCCTTCCGGCA ATGTAGTTGACCAGGTAG
39723490 F 0-46:A>G-46:A>G	TGCAGGGGATTATGTTCTTGATGATTGAAGTGCCAATCATTAGACCATGT ACTTGCTTCAACTCCTTCA
39728610 F 0-42:G>A-42:G>A	TGCAGTATTTGCTCATATAGTAATATTCCAAAAAAGGTGGTGTATAGTT TGAACGACACAAAAAAAT
39716875 F 0-28:C>G-28:C>G	TGCAGGAGAAACCATATGTATTTAGCCACATTCTATTTTTTTCTTATGAA AAAGAAAATAGAAAAGTAT
39727429 F 0-32:C>A-32:C>A	TGCAGAGACGACGGCTGAATCTAATGATCAA ACTAAAGAATCAGGTTTC ATATTCGGATGTTGATTTTT
39716750 F 0-42:T>A-42:T>A	TGCAGGAACAATAGAACAAAAATTTTGCTTATTCCATGAAAAATTTGTGTT AGTTATTTCTCAACTATAG
39717618 F 0-58:C>T-58:C>T	TGCAGGTTCCAAGATGCTCCTATCCTCCTCAAACATATCCTACAAATATC ATAAACCTCTAGCTCAAAC
39713964 F 0-24:A>G-24:A>G	TGCAGAATAACTTTACAATTATTTATGCCACATAAGAATAAATATATAAA CAAAAAGCAGTTTTGAATT
39724021 F 0-20:A>G-20:A>G	TGCAGTCTTTCTTTGTCAACACATGAAGCTAAACGGAGGGCTTTACACCA TGCTTCCTTCTCCAGGAA
39725065 F 0-31:C>A-31:C>A	TGCAGGAATGTTGGTTTAGTCATCTTGTACACAATTAC
39720550 F 0-22:C>A-22:C>A	TGCAGGTTTGAATAGTTACAATCGTTTCTCTGCTAATTAC
39717636 F 0-39:T>A-39:T>A	TGCAGGTTCTTGAGTAAGTTGGCAAAAATAAGGACTCTTATGAGAGAT TCTGGTGTGGCAAAAGCTCC
39728411 F 0-17:T>C-17:T>C	TGCAGTTGAATTTACAATAGTCATTTTGATTTTGCTTACAGAAAAAGGAC AAAATGATACGAAGAATTT
39726721 F 0-66:A>C-66:A>C	TGCAGTGATTCTAATGATGTGCACTTCTCTATATTCAATTATGACATAG GAATTTGGGGCCTCTTATG
39715803 F 0-24:T>A-24:T>A	TGCAGCCAAAACCCTCCAACCTCTTGCAACTTCAGAGCCTATTTTCCCC AATCCAACAATCCCAATTC
39723214 F 0-55:A>G-55:A>G	TGCAGGAGGAGCAATTACACCCAGCCCTCCATCAAACGCAAGCCCCGACG ATAACAATGCCAGCTACAAC
39713611 F 0-20:C>T-20:C>T	TGCAGAAATGATTTTGGAGACTACGCGGAGCTTTGCTTTGAGGAGTTTGG AGATAGAGTGAAGTATTGG
39723116 F 0-36:T>C-36:T>C	TGCAGGAAAGAAAATCAGCACATCAGAGGATAAAACTGTCCATCTCATA AGTAGTTTTCTGCAAAGAAG
39717931 F 0-29:G>C-29:G>C	TGCAGTATATTCCAAGTTTAGTCCAGATTGATCAGCAAGATATTTTAGGT GCCGAATAGTTTTTTGAGA
39713407 F 0-57:T>G-57:T>G	TGCAGAAAAATGATTTTGGTTGGCCATGTGGGTTGGTCTGAATATTGTTG GAAGAGGTGAAGTTGTTA
46756053 F 0-22:G>T-22:G>T	TGCAGCTTTAATTGCTTGAGAAGTCCTATCCTCACCTTGGCAAAAATAAG GGGATTTTTTCTGCACG
39724635 F 0-36:C>T-36:C>T	TGCAGAAGAACTTCTACTGCTTGTGATGACAATCCCGATAGGTTGGAA TTAC
39721884 F 0-15:G>T-15:G>T	TGCAGAGGTACTAATGCAAACATCGGCCAATCTTGGATTGTTCAACTCAT TCCATTTGCCTGAATATC
46755222 F 0-32:G>C-32:G>C	TGCAGCAGCGGACGCGTAGTTGACTCCATGGAGAGACTGTGCTCCGGAA ACTTGAGAGAAGGCAGGGAC
39722676 F 0-20:G>C-20:G>C	TGCAGCCGAGGAGGCTGCATGGTGGAGGTTTTTCGTCGAGCTGATCAGT TGAAGTGCCTTGGCGACTTC
39719280 F 0-28:T>A-28:T>A	TGCAGAAAATGAATAATCTCTCTTTCCCTAAACCCATAAAAATAATCGACA CAAGAGATTAC
39722150 F 0-13:G>A-13:G>A	TGCAGATTCAAATGCTCAAGAAATCAAAGAAGCCTACAGAAAGTTGCAG AAGAAGTACCATCCGGACAT

39722183 F 0-18:C>T-18:C>T	TGCAGATTGGATACATGTCGATACATACATCACATATGTATGTATGGATC GCATCTGACTAAAGAGAGA
39717966 F 0-28:T>A-28:T>A	TGCAGTATTCAAATTTTATTTACCTTCTTACAAATCTTCCGAATTTCTAG TCGAATTTTAC
46755385 F 0-23:T>C-23:T>C	TGCAGCATTGGTTTCTTTTTCCCTTTATTTTCATCTAAGTAGTCCTCTCGAGC ATTTCCAGCCAGCATCAA
39717776 F 0-8:A>G-8:A>G	TGCAGTAAAGAGAAAAATGTCAAATTTGGTTCTTGCTTGCTGCAAGGTTT ACATTTCTGAAAGCAGAAA
39722593 F 0-5:T>C-5:T>C	TGCAGTCAAGGTTTGGTTCTAGCTAGCAATGTTTGATCTAGGGCAACAA TGGCATGCTCCATGGTGGC
39714955 F 0-41:T>C-41:T>C	TGCAGATGACCTCGAACAAAGTCCTCTGATGCGTCGTCTTCTGGTCCCTG ATTTGTTGAAACTCGGACC
39721706 F 0-30:T>C-30:T>C	TGCAGAGAAGACAGTATCAGGTGCAGATGCTGAGTATGAAAAGTTTCATG GCAGATATGAAATGATTCTA
39719112 F 0-49:T>A-49:T>A	TGCAGCAGAAGTTAATATTTTCATCAAGAAGCTCCATCATATGACTAGTTT TCTAAAGTCTCCAAACATT
39723249 F 0-68:C>T-68:C>T	TGCAGGATCCGACATGAAAGGCGGTAAATCGAAGTCGGAGTCGAAGAA AGCAGACGCGAAGTAAGTTTC
39721088 F 0-7:G>C-7:G>C	TGCAGTGGTAACATAACAGTAAACAGATGCCTCCTGAAGGGGCATGGAG ACAAGAATGAAAGCTAAAAA
39722676 F 0-63:G>A-63:G>A	TGCAGCCCAGGAGGCTGCATCGTGGAGGTTTTTCGTCGAGCTGATCAGTT GAAGTGCCTTGCCGACTTC
46756925 F 0-6:A>G-6:A>G	TGCAGTAACAAATACTCTTGCTCCTTGGTATTTAGCTATCTGAATGGCAA AAGTACCAATTCCACTTGA
39727818 F 0-64:C>T-64:C>T	TGCAGTCCATTGCAGTGTGAGTCATTTGTGTATCGTTTACTTTTCCAAC TACAGAACTGAACCGAAA
39726738 F 0-48:T>A-48:T>A	TGCAGTGGAAAAACAAAGCGTTTGAGAAAGCTTTAGCAGTGTTTGATGAT GACACACCTGAGCGATGGCA
39718559 F 0-48:A>G-48:A>G	TGCAGTTAGACACGTGAAGCCATCTGAAACTGAGCCTTATCAAGAATTA TCATCTAGGTTTCAAAGGCT
39727626 F 0-57:C>A-57:C>A	TGCAGCTAGCAGTTCATCAACGATGAGCCACGAAGAAAGCAGCTCCAAC AACAAACAACAAAAACAACAG
39726026 F 0-16:A>T-16:A>T	TGCAGCACTTACAGCTGAGTAATTTTTTTCATATGTAAGAAACCCACCATC ATTCTTAGCCTTCCCATCA
39721050 F 0-59:A>G-59:A>G	TGCAGCACTCGCTCCACCGTCTGCTCCGCCGGATGTGGGCCCCCGGATA CGCCGGTCCACCCAACGGC
39722421 F 0-5:T>C-5:T>C	TGCAGTTGCAACTGAAGAGAAAAAGCAGAGGAAAGCAAGGAGGAGCA GCAGTAGAGAATCAGGAGAGG
39722183 F 0-28:A>G-28:A>G	TGCAGATTGGATACATGTCGATACATACATCACATATGTATGTATGGATC GCATCTGACTAAAGAGAGA
39728912 F 0-22:G>T-22:G>T	TGCAGGTGGCGGTGAAAGAGTGGATAGAGGCGCATTGGACGCCATTAG AGAGATTAC
39716573 F 0-24:C>T-24:C>T	TGCAGCTTCCCTGCAAGTTACTAAACCCCATCATGAACTATATAGGGAGT AATCTATCAGCCGGTAAAA
39721737 F 0-51:A>G-51:A>G	TGCAGAGACTTCAGCTTCAACAAAATTACCGGACCAATACTTGGTCGCTT TAGGGAGTTGACAAAATTG
46768532 F 0-43:A>G-43:A>G	TGCAGAGAGGGGAAGTGCAGTGAAGAGCGAAATGAAAAAGGATATT ATATAAATGGAATTTGTTGGC
39716799 F 0-58:G>A-58:G>A	TGCAGGAATAAGAAAATGTGAATATAGTTTCAAAGAGATCGTTATTAT CACCTGGGTGGATCTCAGGA
46764263 F 0-56:G>A-56:G>A	TGCAGGAAGTGAATATTGATGAAATTATATTACTGCCTTTATAATATAA AAAAGGGAAAAAAAATTGT
39727685 F 0-57:A>G-57:A>G	TGCAGGAGAAGTTGTCTCGCTCGAGCACGCGAACCAGGAAGCAGAATC TAGGTTGAAGATTGCGCTTG
39721104 F 0-17:T>C-17:T>C	TGCAGAAAAAGAACAGATACTGAACTTATGGAGAATCACAAGGTAAT AAACCAAAAGTTGGGTCAATC
39723032 F 0-50:A>G-50:A>G	TGCAGCTTCGTCTTCTTCTTCGATCTTAGGAGCCAAGTAGTATCTGATAT AACCCATATCTTCAATTCT

39727729 F 0-7:G>C-7:G>C	TGCAGGGGGAAAAATCTCCATTATTAGCCATAGAAACAATTGGGAAACTTGATGTCTCTTCATTGAAAT
39719827 F 0-19:A>T-19:A>T	TGCAGATTTTGGATTAGAAAATTATCCCATGGAAAGGCCAAGCCATGAA GTTTCATTAC
39719530 F 0-11:C>A-11:C>A	TGCAGACGATGCGCTGGAAGAAGACACCATTAC
46771773 F 0-39:T>C-39:T>C	TGCAGAGGAAAAGGAAGCAAGAGAGCACAAGGTTTTACATGAAAGCAG TGATATGAAGACAGAGTTAGA
39720105 F 0-7:G>T-7:G>T	TGCAGCGGGAGGTTTTGAATTTTTTAGTTTAC
46755030 F 0-30:C>T-30:C>T	TGCAGCAACGACTTGAACATTATGGACTCGCTTATCCAAACTCTTCTATG TAGAGTTAGGCAGATCTAA
39725551 F 0-29:T>C-29:T>C	TGCAGAAATTGACCCAAAAGTTTTGTGGTGTGTTGTTTCATTTGACCCTT TGAATAATCTCCAAATT
46772913 F 0-32:A>T-32:A>T	TGCAGATTTTTGATAAAAAGAAAAAAGATCATAATATATATTTATTAC
39724679 F 0-15:T>C-15:T>C	TGCAGAATTTACGATTGAATTTGCTCGTTAC
39721074 F 0-46:T>A-46:T>A	TGCAGGTGTACCCAAGGAATCTGTCAAAGACAGTGTCCATGCAGTATAA AGTTGGTAAAACGGAAAGTG
46755133 F 0-68:A>C-68:A>C	TGCAGCACGACACAAGTTTATACTATGTGCATAACCAAGAGTTCTATGA ACGATGAATTCAGTAAAAA
39727341 F 0-68:C>T-68:C>T	TGCAGAAAGCTCCAACAATGGCGAGAGAGAAGAAGAGAGTCTTATAGA GAAGCTGACGTCATAAAGCGC
46767191 F 0-17:G>A-17:G>A	TGCAGGAGAAAATTGTCGGGTGTTATCGGTTAC
39725450 F 0-6:C>T-6:C>T	TGCAGACAAGTGATGGTTATGCGTGGAAATGTTGCTTTTGAGGAGGGAT TAGTCTCATTACAGGAGGTTT
39721526 F 0-29:A>T-29:A>T	TGCAGAATTGAAGAGAAAAGTGAGAGGAAATTGCAAAATGGCGAAGAC CCAGATAAGTAAATTGCGGTT
39723517 F 0-33:G>A-33:G>A	TGCAGGGTCAGTAGCTTGAATCTCATAGTGGATGCCATCGAGCTCGTGCC GAAAGTTGTCTTTAGATGT
39726448 F 0-47:G>A-47:G>A	TGCAGGCTCGCATTGCAGCCGCCGTGATATCTTGGCTGTGGCAAAGGG AATCCACTCGTTAC
39723438 F 0-68:T>C-68:T>C	TGCAGGGAATCAAACCACAAAGCACCAAGAAAACCTCAAAGGCAGTGA TGGAGCTCAATCAACCCACCT
39723615 F 0-38:A>G-38:A>G	TGCAGGTGACAATATCCCAGATGAATGAAAAGGATTACACATCGCATTCT GTTTCATGATTTTCATGTTG
46763247 F 0-37:G>A-37:G>A	TGCAGATGTTTCAACAACGACGACCTCGCGAATTTAGGGTTTCTATGAAT AATGTCCTCTGTTCTCAGCC
39721818 F 0-67:A>T-67:A>T	TGCAGAGCTCTCAGCAGAGATACAGAGAAAGAGCGGGAGAAGCTGAGC TTTGGACAGAGAGAGAGAGAG
39724733 F 0-19:G>T-19:G>T	TGCAGAGAGGCCGGCACCAAGGGGCCAGATTGGTTGTAATTAC
39726040 F 0-15:A>G-15:A>G	TGCAGCAGAGCGCCAAAATAACAATAACAATGTTGACAAGGAGATGAC ACTATTGAAATTTGTGGATCT
39722706 F 0-6:T>C-6:T>C	TGCAGCTGTGTTTGAAGAGGTGACTCTGTTGATGGACTTATCAATGCAA GGCCAACCTTCTAGTAACC
39717323 F 0-29:C>T-29:C>T	TGCAGGGCTTATGGCATAATATAGTCCGGCAACCTGAGCACTATAAGCT GCAAGACAAGAAAAGTTTAG
39722985 F 0-34:G>C-34:G>C	TGCAGCTGGTGAGCTCCGGCGGCCATATTGTGGCGTCGAGGACTCTCTAC GGCGGCACTCATGCGTTGC
39716753 F 0-15:A>G-15:A>G	TGCAGGAACAGTTGGAAGACAAGACGAAGATAGTGTTCGGATGACGAC GAGCAACGACACGGCGGTGC
39719801 F 0-5:A>G-5:A>G	TGCAGATTCTTCAGAGCCACCGATTAC
39725286 F 0-18:C>G-18:C>G	TGCAGTCTCCCAGGTCTTCACAAATCAACCGCTTCTCTTTTAC

39727507 F 0-7:T>C-7:T>C	TGCAGATTTGTTTTGGGCAATGTAGTTCGAATGGGGCTACCAAATAAA CCAACCAATCAGTAATCTTA
39729148 F 0-30:C>A-30:C>A	TGCAGCAGCTGATTCACGTCTTCAGCAGATCAAAAACCTCCATTTCGCTCCA TGTAAGTAATGAATTACAG
39729485 F 0-49:T>C-49:T>C	TGCAGGTCAGAAGTACAAAAGCTGAACTTTTTAGAGCTTGTGTTATTTAT CTGTATCTGATTAC
39721918 F 0-53:A>C-53:A>C	TGCAGAGTGAGGTCATTGCCTCTGCTTCTTTGGTGTGGAGTGATGATGAT GGTATGCACGAAGTGAGAA
39727056 F 0-6:A>T-6:A>T	TGCAGCAAACACGTATATTCAGGTTTGTCTTTTAGCTTTTTTAC
39724431 F 0-60:T>C-60:T>C	TGCAGTTTCTTATTTTTGATTGAATAATTGATTCTTGAACATGGGCAAAT GAGAGTCAAATTGGAACT
39719314 F 0-20:C>T-20:C>T	TGCAGAAAAGCAATAAAAAACGAGTTAC
46760929 F 0-24:C>T-24:C>T	TGCAGCTTCTTTGCTGATCGTTGACAAAAGTTTTGCAGCAGTGTTAATTA C
39719603 F 0-27:C>T-27:C>T	TGCAGAGCAGTTTGAACACAAGAATGACAGCAGGGTTAC
39719525 F 0-15:G>A-15:G>A	TGCAGACCTACTACAGCCACCTAAACTTAC
39717421 F 0-45:G>T-45:G>T	TGCAGGTA AAAATCGCCGGTCGCCATTGAATTTCCGCCAAATCATCGTCCT CACCTTCTAAATCCCAAC
39715732 F 0-35:G>T-35:G>T	TGCAGCATGCAAATACAGCCGGCAGAACTTCTCCAGAATTCCATTACTAT TATATCCTTGATCACCTGA
39727400 F 0-62:C>A-62:C>A	TGCAGACCAGGCACCCCTCGAGTTTCACATTATTATATATATCATATG CTCCAAGATGAACGACTT
46754847 F 0-10:A>G-10:A>G	TGCAGATTATATACACCTGGAGGTGCGATGTCCCACTAAGTGACAGCAGG ATTTCTGCCACAAATAATG
39720050 F 0-43:A>G-43:A>G	TGCAGCCCTATGAACTAACCTGCCTGATCTGGCTGGATTGCGCATAACAG GTCCTTTTAC
39725600 F 0-59:A>G-59:A>G	TGCAGAAGGAGGACTGTTCCGGTAGCGTACATCTTCGTCGACGTCGAGT TTATTCTACTAATGTATGGC
46757447 F 0-66:G>A-66:G>A	TGCAGTTAACTTTTCTTTCTGGATGGTCTGCATATATATGTTCTGAAT TGTTCAATGTTGACTGGT
46755617 F 0-30:A>T-30:A>T	TGCAGCCTGCTTCTATAACGCAAACGAGTCAGAAATCACAACCCAACTC CAAATCACAGCTCCAATGAA
39714280 F 0-34:T>G-34:T>G	TGCAGACTCCTCAAAGGACAATAATAAAAAGGATTGATGGTTGTTTGT GCGTAACTAAAGGGGAAGAA
39721702 F 0-37:T>G-37:T>G	TGCAGAGAACATGGGAGCGAGCAAAAATGGCTACTACTTTGGATTGTGT TGTTAAGCATATGTGCTTTG
39723641 F 0-29:C>G-29:C>G	TGCAGGTGGTGTGGAAAATCAATCCATAGCTTAGCCTTCTTTGTCTGTCA TGTTGTTGCTGCTGAGGAA
39714164 F 0-45:A>G-45:A>G	TGCAGACAGTTCAAGATGTTATCAGACCTCAGGTAGCTACACCAAACA TCGGACTAATTGTATGGCAT
39718623 F 0-61:T>G-61:T>G	TGCAGTTCAGTTGTGGGTGGATGAGAAGCAATACTACAACCTATGGCACC AATACTTGTGCTTCTGGTAA
39715299 F 0-55:C>A-55:C>A	TGCAGCAACCGGTAATTCTATCTTCTCTCTGATATATTGTTGCCAATGA TCTGACACTGTTTCGTTTTT
39719742 F 0-22:A>G-22:A>G	TGCAGATGAACCCACCTCTCAAACCTGACTGGCTCACTATTAC
39722951 F 0-67:C>T-67:C>T	TGCAGCTGCAAATATTTTCATTAGCTAGTGACAACCTTTGGTAGCCATTG CTCAAGCTGTCAACAACCA
39717705 F 0-25:T>A-25:T>A	TGCAGTAAAACCTGAAAAAATAAATAGTAATGAACAGGCAAATTTTCA TGCCAAACAACCTCAAGTAT
39718341 F 0-28:C>G-28:C>G	TGCAGTGCATCTCCGGTGATGCGCCAAACCATAGACTTTGAGGCGGCGG CTGCGAGATGCAAGGCGCCG
46755871 F 0-67:T>A-67:T>A	TGCAGCTGAAAACATCACATTTGGTTTCCATCAAGGTTCAAACAATAATA TTTTATTTTATTTTTTTA

39718664 F 0-49:T>C-49:T>C	TGCAGTTCTAAAATCATCTGCATGCTGCAATTTTCATAAAATTTTGCCTCTTCTTTAGCTGAATAAGA
39713496 F 0-19:T>A-19:T>A	TGCAGAAACATGAGAGGGGTGAGTTTTTGGGATCAAACATATATGGGGTGTGGTTCTGATCTGTTGG
46761060 F 0-29:G>A-29:G>A	TGCAGTCTATCATATAAAATAGTTGTGCATGCATATAAGCTGGTAAATTAC
39718400 F 0-57:G>A-57:G>A	TGCAGTGGATATTGAGGAGATCTACTTTGATTTTAGAAAACAACGGTTATTTATTCTGAAGGAGAAGGA
39720112 F 0-24:G>T-24:G>T	TGCAGCGTACAACCCAGTAAACTAGTGATCATTGATTAC
39727227 F 0-5:T>C-5:T>C	TGCAGTGAAACGGTTCGTTTTATATTTAC
39718770 F 0-54:C>T-54:C>T	TGCAGTTGCTTGAACTTTCTGACCGACCTGGATTCTGGTATTTTTCGATCCAAACGCACCGTTTCCGAC
39715679 F 0-26:G>A-26:G>A	TGCAGCATATTGCATATAATCCTCACGATGTATATATTTTCTTTTGCCCCCTTTTGACTTCCAAGTTG
39714385 F 0-42:A>G-42:A>G	TGCAGAGACACATAAAGCCTGTAGAAAGTAGTAGCTAGCATCAAATTACAAATGGAAGCCCTATTATTT
39723139 F 0-19:T>C-19:T>C	TGCAGGAACTCCAATACCATCAGGATGCTGACCTCCAATTGCATAACTTTACATATGTTCAAGTTCAA
39717862 F 0-26:C>T-26:C>T	TGCAGTAGAACCATGCCCCGTTCCCTCTACCACGAGGAACAAGACGCCAAACCTTCGCCGAATGGGTA
39714579 F 0-66:G>A-66:G>A	TGCAGAGGCGCGTTCCTCATATCCAGCATGAAGCTGCAAGAAAGACAGAGTTCCATCACATCCTACGAA
39714027 F 0-26:G>A-26:G>A	TGCAGAATGAAAGTGCAAAAGATTGCGAATGACTTCAAACAATGACAGAGCAAGTCCAGCTCGAGAAA
39727227 F 0-21:A>G-21:A>G	TGCAGTGAAACGGTTCGTTTTATATTTAC
39715874 F 0-26:G>A-26:G>A	TGCAGCCAGGAAGTTTGAAAAGGAAGGAATTTTAGAGGAAATTCTTGAGCGTGCAAAAAGTAATCA
39716236 F 0-36:T>A-36:T>A	TGCAGCTAACTTAGATATATGGGATCATGGAGCTAATAGATCATAGGAATCTGTAACCATGGCCCTGAA
39717523 F 0-55:A>G-55:A>G	TGCAGGTGACAATATACACTTAGGTCATTTGGGTATATGTGTGTGTAAGGTGACAATATTAC
39719956 F 0-11:T>A-11:T>A	TGCAGCAGCCTTGTCATTATTCGGAGGTGGAGCGTTTTAC
39713881 F 0-35:T>C-35:T>C	TGCAGAAGGCCAATTTTCACTGATGATTGGAGTGGTAGAAAATTCCCTTATCCATTTGGACAAGAGTGG
39725848 F 0-51:T>G-51:T>G	TGCAGATCCCTCTGGACATGAACTTCCCCTTGACAGAGAAGAGGCACAGGATAGTTTGGAAATTACTGC
39716534 F 0-11:A>C-11:A>C	TGCAGCTTATCAGCCGATTTCAGACTCTTATGGGTTACAGACCATAAGAAATTTGCACCTTCTTAGGG
39726804 F 0-13:C>T-13:C>T	TGCAGTTCTTCCCTCCGGTCTCCCACTTGGAACCAAACCCACCTCCATCATTCCACCCGTAGGATCGCCA
39724064 F 0-15:T>C-15:T>C	TGCAGTGATTTCCCCTATGTGATTTGGTTGTCTGGTTGGTGAATGAATCATTTCATAATCAATTATGA
39721788 F 0-33:C>A-33:C>A	TGCAGAGCAGAGTCGCAAGAGAATCCTGGAGAGCACATGGCGCTTCCATCCAACCGGACCAGATCGGCG
39718369 F 0-62:T>C-62:T>C	TGCAGTGCTCCACAGAAAGCAGAGCAGCCAGAATCCTTGAAGAAGAAGAAGAAGAAGAAGAGTAACATT
39717247 F 0-15:G>A-15:G>A	TGCAGGGAACCAATAGTGTACTGAGTCAAGCTTTTGATTCTTTTTGAATTCAGGTTCTTGATTGG
39725882 F 0-30:G>A-30:G>A	TGCAGATGGGGTATATTCCTCTGTTTTATGCACTATTTTTTGTCTTCCAATAAAAACATATTTATT
39721309 F 0-16:C>T-16:C>T	TGCAGAACTGTTCACTCTGGTTGAACAGTAAAGTTCAAGGAGAAATATCACATAAATCAGATGTGCCG
39719367 F 0-19:T>C-19:T>C	TGCAGAACCTTTTTTCATCCTTTGTTTAC



39726804 F 0-44:C>T-44:C>T	TGCAGTTCTTCCTCCGGTCTCCCACTTGGAACCAAACCCACCTCCATCAT TCCACCCGTAGGATCGCCA
39720006 F 0-24:T>C-24:T>C	TGCAGCATTTATCCTTTGATTGGTTTTTCATCTAAATGGGAAGTCTTAC
39725985 F 0-12:C>T-12:C>T	TGCAGCAACTCTCTTTTATTTCATCTCTTTTGTACTTGTAATGATAAAT CTTCACAAGATTCCCTCC
39721105 F 0-21:T>C-21:T>C	TGCAGAAAAAGCAGTCAAAGCTGCATATTGAGTTTACTTATCAATTCTTT TTCATGGTTGATCACTTGT
39713899 F 0-38:T>C-38:T>C	TGCAGAAGGTAAGTGTGTTTGTGGTATGGGGGATAAGTTGGATTCCCA ACACCAACTAAATTTGGAAC
39719582 F 0-29:T>C-29:T>C	TGCAGAGACTGTTGATGAAATGCTCAAGGTGTTTAC
39720620 F 0-18:T>A-18:T>A	TGCAGTATACTCCTTCCATAAAACTTAC
39716714 F 0-24:A>G-24:A>G	TGCAGGAAAAATATCTTCGTTATCAAAAATGGAAATAAAGGAACTTACAT CAAGCAATTTACCTTGAACA
39722103 F 0-68:G>T-68:G>T	TGCAGATGGAAGTTCAGAAGCGACTGCATGAACAATTAGAGGCACGTTT TAGTTATTCTCCCTTTTTTG
46760996 F 0-18:T>C-18:T>C	TGCAGGTAGACTTAAAATTGCCTCGTTAC
39726557 F 0-48:G>A-48:G>A	TGCAGGTTGGCTTGCTACAGGCTTACAGGTAAGCTGGAAGCACTAACG AAAGTCCGAGGCCCTTCTG
39719258 F 0-7:A>T-7:A>T	TGCAGAAAAAAGCAATAGTTATTGAAACTCATTAC
39714888 F 0-24:A>G-24:A>G	TGCAGATCCCTTCTTTTTTTTGATACAACAGGGTAAGTTAGAAGGAAGTT TGGTCTACAATATGGTGAC
39713968 F 0-42:A>T-42:A>T	TGCAGAATACATCTCTGCTCTGTTGACATAAAACCTTAGATGAACAATGT ATAGGATGTTGCTGACTGA
39728528 F 0-14:T>C-14:T>C	TGCAGACTATATATCCAAACTCCAATGCTCCTTCTGCACCATTTTCCTT CTAACTCCATTTTTGTGT
39714727 F 0-17:C>G-17:C>G	TGCAGATAAAAGGAAATCTAACAATGCAACTCCGAAACAAGTTGCTGAC AAATATGTAATGGAGTCTGC
39724565 F 0-29:C>T-29:C>T	TGCAGAAAAACGAGGTGGAATTAGTGCACCTTAC
39725002 F 0-16:C>T-16:C>T	TGCAGCTATTTTCTTTCTATTCTCTAAATATTTTCTAACTTGTTTATTAC
39716476 F 0-61:T>G-61:T>G	TGCAGCTGGGGTTGAATATCACCAACCCCAATAAATTTACATAAAAAA AATTACCAACTTTATGTACC
39725330 F 0-7:G>A-7:G>A	TGCAGTGGAAATTGCATGCTTCAAGTTTGTACATTGATTTAC
39720463 F 0-16:G>A-16:G>A	TGCAGGGTTCAAGTAGGTGAATTCGTTAC
39718012 F 0-29:T>C-29:T>C	TGCAGTCAACCTTGCAATGCCAACCTCTTTGAAGTCATAGGTTACCCTTC AACTTCTGTAATTACTCT
39718357 F 0-27:A>G-27:A>G	TGCAGTGCCTTTGCATACTGGCAAGCAAATTTGAATGGCTTCTGTAAGTT ATATGCCTTTTTTGCGAAA
39714367 F 0-34:T>A-34:T>A	TGCAGAGAATAGGAAACAAAAGATTTCGAAGAATTTGCGGTGATTGTATG TAACTACTTCCATGACAAAA
39725126 F 0-44:A>G-44:A>G	TGCAGGGAAAAGGAAGAAGAGCATTGGAAGGGCAAATTTGGACCAAATT AC
39721022 F 0-64:G>A-64:G>A	TGCAGTAAGGGGCGAAGCATCCATTTTAGCGAACGAAGGGGAGCAGTCT TGCACTAACGGCGACGACAA
39713637 F 0-53:G>A-53:G>A	TGCAGAAATTTATCCAAATATTGAGATCTCAGAATTAGAATCAGATCAA GGAGGTGGTATGCTGATTTA
39715756 F 0-38:A>G-38:A>G	TGCAGCATTATCGATAAGGAAGAAGAGAGAAAGAGAGAACTCACCTCCT TGAAGATTTCACTGTAAGAA
39719523 F 0-10:C>A-10:C>A	TGCAGACCTACACCCTAAAATCAAATCAACCAATTTTAC

39721499 F 0-42:C>T-42:C>T	TGCAGAATGATTATCAAGTGTCACAACTGAATTGAGGAACACCAATAGCAAATGCTGATGATACAAAC
39719711 F 0-19:A>C-19:A>C	TGCAGATCAAGAGACCAAGAGAAATTGAAGAAATTTTAC
39719726 F 0-21:A>T-21:A>T	TGCAGATCCAAAACCTTACGCAACCCGGCTCACAGTACACATGGAAGTCTTAC
39728232 F 0-9:G>T-9:G>T	TGCAGATTTCGATTCTGGGCATGAATGTGCAACCTAAAGACTCGCAAGTTT TTTCTCTACTTCCCACC
39717178 F 0-52:A>C-52:A>C	TGCAGGCTAAGAGCATCTGTGTCCCATCTTCTCTCGGCATTTCACTACCAATAGGATCACCATTTACAG
39718324 F 0-22:T>C-22:T>C	TGCAGTGATTGTGTATGAGTCCTGAGGCCATTCTTCAAATATGTTTCTGTTCTTTGTTCTGAACATAATGC
39721771 F 0-5:A>C-5:A>C	TGCAGAGATTTAGTTATGAGTGAATAATGAGAGTTCCATCCAGTGATTGTTCTTCCATTGATTCAAAAT
46754353 F 0-34:T>C-34:T>C	TGCAGAGATGCGCAAAGCTGAAATCTAAGGAAGCTGTGAATCTGATTGA GAATCATAGTTGTGCATTGA
39714333 F 0-41:G>T-41:G>T	TGCAGAGAAAAGAACAATACAATATCACATATGTGTAAGCAAGAGATTATGAAAAATAGGGAAAACCTTCC
39716974 F 0-39:G>A-39:G>A	TGCAGGATCATGTTGGATACCTCCACCAAATAGTATTTCGTTGCCATACA CAACAATTCCTGTGTGCCT
39717942 F 0-66:T>C-66:T>C	TGCAGTATCTCAACTACGACAGGACATGATTGGGTCTGTAATATTTGCCTTGAGTAAAAGAAGATGTAA
39723701 F 0-40:T>C-40:T>C	TGCAGGTTTTACCATCGATGGTGGGATGGTTATGTAGGTTGATTATGGA TAAAATTTGCACGACTAAG
39724634 F 0-16:T>G-16:T>G	TGCAGAAGAAAAATAATGAGAAAAAGTTATGCTTTGCACCAGAAAATGA ATTAC
39726586 F 0-10:C>T-10:C>T	TGCAGTACAACCTGTGCTAAATGTCAACGAGGGGTCAAACACTATAAATAATATGCTAAGTTGGTGGGA
39715662 F 0-48:A>G-48:A>G	TGCAGCATAGAAGATGGAAAATTTGGGGCAATTTTGAAGCAATGCTCTA GTCCTTTCAAATAATTAGAC
39728828 F 0-9:C>T-9:C>T	TGCAGAAACCAAGTACAAAATTCCTCTGATATAGACACCAACCGGAAGAAAAAATCTAAGATTTACAG
39719555 F 0-22:T>G-22:T>G	TGCAGACTTTGCAGTTTTGAAGTATCAATCTATGATATTAC
39715078 F 0-29:C>T-29:C>T	TGCAGATTATAAACATTCTGACAATAAAACACTCTAAAACCATGGGCTTT ATTGTTGGACTAATTTTCC
39715855 F 0-32:G>A-32:G>A	TGCAGCCACTAGGGTTTGTA AAAAGTGTAGTGGCTTATATGGTGATGGA CGATCTCACTGTGAACCCCA
39719867 F 0-30:C>A-30:C>A	TGCAGCAACTAGTGAACATAAACATAGAAAACCATCAAATTAC
39718706 F 0-59:T>A-59:T>A	TGCAGTTGAAATCAGCCAATCACCAAAATTCTATTTCCACTCCAAACAGCAATACGATCTAGTAACAAT
39725103 F 0-14:A>G-14:A>G	TGCAGGCATCAAAGAAAACAAAATGAATTAC
39715219 F 0-14:A>G-14:A>G	TGCAGCAAAAAAGGAGTCCCAACCATTGACAAGGAAAAAAAATAGCAATAAAAGGCTGCTTCCGACAA
39719800 F 0-36:A>G-36:A>G	TGCAGATTCTGGATGAATCAATTCACAAGATAAAACATGAAGATTAC
39725143 F 0-21:G>A-21:G>A	TGCAGGGGCTGCTAGTGGCACGATTAC
39723485 F 0-56:A>C-56:A>C	TGCAGGGGAATTTGGCTTTGGTGACTGCTTTGTTTGTGTTTAGTTTTGACTGCGTTAGAAACATCCATG
39710729 F 0-65:T>A-65:T>A	TGCAGTTGAATGTAATCTAACTTTGACATTGAAATCTTTTTGCTCTTGACAAATATGTTTCTCTTTCT
39722082 F 0-51:T>G-51:T>G	TGCAGATGCCAATGGTGGCAGTCAAGTCTGTTATGTAACCTCAACTCCACCTAGAAACACAACATCTTA
39716729 F 0-51:A>G-51:A>G	TGCAGGAAAGATCCTCAAGCCAAAAGAAGCTGCTACCAACACCAGTTCTGGAAGAAACATGGTTGCAGA

39721619 F 0-68:T>C-68:T>C	TGCAGACCTATCCCATGCAAAGAACCTCACATGGCTAGAATGATTGACG TTCCTATTCCATGGATTTTT
39718475 F 0-17:G>A-17:G>A	TGCAGTGTACAACCACTGCTACCTGGTTTTTGCTACTTGGTTTTGCAACA AGTGGACCACTTTACTAAA
39714403 F 0-5:A>G-5:A>G	TGCAGAGAGAAACCGCAAGTCTCTGTTGAATTGGATGCTGCCACTCTGG CCTGTCCC GCATGTGATTTG
39720366 F 0-28:G>T-28:G>T	TGCAGGATTGAAATTTGAAATAATAAACGAGTGTTCCTTAC
39721523 F 0-66:T>G-66:T>G	TGCAGAATTCAGTTGGTTGGTCTGTCTGTTACTTCAAGTTCTTGTTCCTTG ATGAATTGGAGCTGTTGC
39729336 F 0-12:T>A-12:T>A	TGCAGGGCCTTGTAAGGCAACACCTCTGAAAAGCTGAAAATCAAACCTCC TAACGGCTCTTTAC
39719887 F 0-30:A>C-30:A>C	TGCAGCAATAAATGCTCCCATTTGTGCACAAAATATACCAAGAGGGAGC CCAAATTAC
39723076 F 0-26:T>C-26:T>C	TGCAGCTTTCTTTCTGACTTCAGCTGTGGCACGAGCAGCTCTCTCATCTA CACCTTACCACGAGGAAG
39720304 F 0-35:C>T-35:C>T	TGCAGGACCAAATCATAGTTTTTCATAATATGAAGACATGCAATTAC
39727080 F 0-18:A>C-18:A>C	TGCAGCATGATCATCCTAAAAACAAAAGGCTTTAC
39722005 F 0-46:G>A-46:G>A	TGCAGATCATAGACAAAAGAAGAAAGATTATGAAGACAGGTGGGGAGA AAAAAGGATCCTTTGAAAACC
39724650 F 0-30:T>C-30:T>C	TGCAGAAGGGAAAGCTTTGCTTCAACCTTTTATATTGCCTTCCCTTGAAT TAC
39728199 F 0-67:C>A-67:C>A	TGCAGAGGAGAACTACAGAGTAGAAAATGGGCCAGCAAAGAGACGAA CGTGTGGGAAAAGAAGGCC
39715107 F 0-37:G>A-37:G>A	TGCAGATTCGACCAAAGGTGGGCGTAGCGGCACACTAGCGTTTGATGCC ATTCGGGATAGCTTGCGGAA
39720104 F 0-5:T>C-5:T>C	TGCAGTGGCGAATCTAAGGTGGGTTTTTGAATGATGAGAGTTAC
39714465 F 0-47:C>G-47:C>G	TGCAGAGATGTTGGCATAGGCCATTGATGGCAACATTTATGAGCACACG TAGGAAATTTGAACTAGAG
39724820 F 0-45:A>G-45:A>G	TGCAGATGAAAGAAAAAAGAAAAACTTTGAAGCCCAAAGGGAAATATT AC
39722327 F 0-56:C>G-56:C>G	TGCAGCAATTGTTGGATGTGTGAATGCCATTCAATTTAGAATTAGCTCTC GTCTAACTGCTAATGCTTC
39724751 F 0-41:C>A-41:C>A	TGCAGAGGAAAAGACCCAGTACCTTATTTGAATATACGCATCAAATAT TAC
39718914 F 0-8:G>C-8:G>C	TGCAGTTTGCCCATGGATGAAGCAACAACATTTGTTTGTGTTACTCATC CATCTCTTGGATTACTTTT
39726764 F 0-57:C>T-57:C>T	TGCAGTGTTCCTTTGGTGTGCATGCGTTTGGTGAAGGGAAGGAGAAGGAC AGATCTAACGCTTTTGCAGC
39729260 F 0-8:G>C-8:G>C	TGCAGCTCGCCAGTCTGCACAAGGTCTCTTTTATGTTCAGTATTCGGTG GCGTAAAGTGCTATTACAG
39722569 F 0-38:A>G-38:A>G	TGCAGCATTTGACAACAATGGTAAGGGACAAGCTAATAAGAAATCCACT TCTCCTGGTTCTTCTGTAGT
39725305 F 0-21:G>A-21:G>A	TGCAGTGATCCTAATGGTAATGAAACCATTGAAAAGTTATGACAATATG AATTAC
39718688 F 0-66:C>G-66:C>G	TGCAGTCTTCCGCCATTTCTATGTCTCTCTGCAAAAAGCTAGAAACAGA CTCTCACCATCTTTTACGA
39718232 F 0-61:C>A-61:C>A	TGCAGTGAACCTCTAGATGGGAAAAAAGAAATTATTGCACAAAGAAAGA ATTAGAAATCGACTGTTGTA
39725214 F 0-7:C>A-7:C>A	TGCAGTACAAGCAACCAACAACATGTTAC
39719553 F 0-5:T>A-5:T>A	TGCAGTCTTGTGGTACATTCAAACCTTTGTTTATTAC
39725144 F 0-35:T>A-35:T>A	TGCAGGGGGAAGGACCCTGATGCCGAGGCACACATTCCATGGTGGTAGG TGTTTTTAC

39720178 F 0-7:T>C-7:T>C	TGCAGCTTTCTGTGAAAAATTCTCATTTCAAATAAGCAAATTAC
39715509 F 0-43:T>C-43:T>C	TGCAGCAGAGTTCTTGCTCTGTTGATCATATGGAGTATCAAGGTAGAGTTTAGGCCCCCGTTTGATAAC
39727814 F 0-66:A>C-66:A>C	TGCAGTCAGCAGTTCCTATCAATCCAAGAGATTTTCTTTTTGCCACACTGTTGGGTCACCCATTTAGA
39719996 F 0-29:C>G-29:C>G	TGCAGCATGTATATGTCTAAAGAACGTTGCTCATTTTTCATTAC
39727438 F 0-10:C>A-10:C>A	TGCAGAGATACTATAGATCATCAATCTACTTTTATATTCAAGACCCTTATGTGCGATTTACTTTTTCTT
39727216 F 0-31:C>G-31:C>G	TGCAGTATTTCCAGCTCCAAATAGCCTCAGGCCAGGTACTTTAC
39727733 F 0-9:T>A-9:T>A	TGCAGGGGATAGTAAGTTACGCAAAGAGCTATCGTGGAGTCACATAAAATATATACAGAAAGTAAACC
39720137 F 0-7:A>G-7:A>G	TGCAGCTAGTTTATGATATCAGGATATTATCAACATTAC
39728180 F 0-6:T>C-6:T>C	TGCAGATGGTGTTTGCTGTTAGTGGAATGCCCGACTATGGATGCTGTAA TTCAGTCTTGATTAGTTGT
39721493 F 0-37:A>C-37:A>C	TGCAGAATGAAAGCAACAATCGCCACCACAAAAACGTAAAGTTCATGTGTGCTGATGTAACCTCTCCAG
39724154 F 0-46:C>T-46:C>T	TGCAGTGTACCATCGACCATTTGTGGCTCACCACCGCCGTCACACCGGACTAGTGTGTTGGGTTCTGT
39719507 F 0-35:C>A-35:C>A	TGCAGACATAATGTGAACAAACCCACGATATAAAGCGAGTATTAC
39717394 F 0-5:G>A-5:G>A	TGCAGGGTGAGTACTAATTCTAGATTTAGCCTGTGTGGTGCTTGAAACTTTTCCTAACTGCTACTGAC
39726936 F 0-32:T>C-32:T>C	TGCAGAAACAACACCAGTAACTCATGCAAATAAACCAAATTTATTTAC
39725331 F 0-25:G>T-25:G>T	TGCAGTGGACCATGGTTGGATATTTGCTTTTACTATTTTACCCTTTTTTAC
39715214 F 0-52:T>G-52:T>G	TGCAGATTTTGTGTTTGAAGTGCCAGGTTGTTTCTGTTTTTTTCTTACATATTTCTAAAGTGCATTTTG
39715005 F 0-26:A>G-26:A>G	TGCAGATGCTTCGTGCGAGGGGAAAGAAGTGCGACTATCAGCCAATATTATATGAAGTCATAATTAGG
39717973 F 0-63:A>G-63:A>G	TGCAGTATTCTGCTTGAATTTTCATTTTTTCTGCTTTCTTGGTCACATCAATATGATGCACAACCTAT
39714874 F 0-10:A>T-10:A>T	TGCAGATCATACTCCCAGTTTCGTTCTCGTCAACAAGGAACCAGAGCCTGATCCTGAAGATCCATCAAA
39715784 F 0-6:A>G-6:A>G	TGCAGCATTTTCACTGGAGAAGTTTCCAGAGCATATCGCTCTCTGGTACTGAGTAGATACGGCATTATTA
39721586 F 0-60:G>A-60:G>A	TGCAGACATAGTTTTGATTGCTTACATTTTATAATAAGCTACATGTCATTATTTCTTTTCGATCTTTTC
39722528 F 0-15:T>A-15:T>A	TGCAGCATCCCTCCTTGCGGTTTTGCACTTATTTTCCAGTCTCTCGTTGTTAGTGGTATTCTTCCAATA
39717695 F 0-66:C>A-66:C>A	TGCAGTAAAAAAAACAAATTGCTACAGTAATACTAGTTTTTTTACCTCCTCTATTTTTTCATCTAACCAT
39715674 F 0-46:C>T-46:C>T	TGCAGCATATGTGAAGAGTTGGTTATAAACTTCTAAAATATTTCCACACATAGATACAATTTCTTTCAC
39722568 F 0-19:G>A-19:G>A	TGCAGCATTTGAAAAGAATGATTGAACGTGATAGTACATAATAATTGAAATTACATGACAAGTTGGAAGT
39721473 F 0-53:G>T-53:G>T	TGCAGAATATTTCTTTTCTTTGAATCTCTTTTACCTCAAATAGGATCTTTTGGATATTTCTATATTTA
39726489 F 0-35:A>G-35:A>G	TGCAGGGTATTTATAGCGGTGAAGAGTGAAGACGCAGTGAAGACGAGCGATGAGGAGGCAGCTTCCCAC
39721673 F 0-41:T>G-41:T>G	TGCAGACTTCCAAATGCTTCAAGTTTTTGGCTATTCTTAATATTATCAATTCAGCAATGCAGGCATTTCAT
39715981 F 0-11:G>T-11:G>T	TGCAGCCGCACGCCACGGAAAACCTCTGTCTCCTTCGATCGTCTTCCCGTTACCAAATCCGCACCGTAA

39715042 F 0-46:A>T-46:A>T	TGCAGATGTAGAATTTGAATTGTCTACCTGTACTTCTCTTTTCGTGGACAT CATTATGATACACTGAATA
39714239 F 0-44:G>C-44:G>C	TGCAGACGATGTTATTTTTATCTGCAAATAACAACACCAAATTAGTTGAG TTAGCTTCTCACATAATTT
39716132 F 0-19:A>G-19:A>G	TGCAGCGATTATCGACGACAACGAGACGGCGGGCGGGCGGGCGGGC CAAGGCGGTGCTCTGTGTTTC
39714302 F 0-11:T>C-11:T>C	TGCAGACTGTGTAACACCTGTAGGTTTCCCCTTTTGATGGACCTGATGAA GCGATTTTTTGAATCCCT
39729506 F 0-16:A>G-16:A>G	TGCAGGTTGACGACGCAACGACATACTCATACCACGAAATTACGTAGTT TTCTTACATCGGTTTACAGA
39717837 F 0-10:A>G-10:A>G	TGCAGTACCTATACTCATGGATTCTTCAACCCACACTAAAGCTACTTCAG TGGAAACACCTACAAATTC
39726631 F 0-24:C>T-24:C>T	TGCAGTATGTTGTTGGATCAGCTCCTCTTTGGAAGGACCATCAATAGTGA TGATTTTCCCAAAGATTGA
39722087 F 0-5:C>A-5:C>A	TGCAGCTGCCTACGCTGTACGCTTCTTTTGATATTTTTTGTGACCTTGTAC ACACATCCCCCAATTGGA
39714242 F 0-21:A>C-21:A>C	TGCAGACGCAATGGATGGGGCAACAACGAATCCAACAATCTCATTCA TTACCAACACGAGGATAAAT
39720274 F 0-36:G>C-36:G>C	TGCAGGAAAGTATATGATCAATGCATGACCAAAGAAGAACAATACCTGC CATTAC
39714174 F 0-10:A>T-10:A>T	TGCAGACATGAGAACATTATAACATTATGTTCTTTTATGGTAGGTGACTT TACTCGGTTTCGTTTGTGG
39714396 F 0-17:G>A-17:G>A	TGCAGAGACGGCGGGCAGGAGGCAGAGGAATGCGCAGAGAGGAAGCAT TTTTGGATTGTGGGAATGGGA
39720248 F 0-45:A>G-45:A>G	TGCAGCTTTCTGGGTACTTGCAGTGGCTGGAGGAGAGAGAGGATGATCA TAAAGAAGATCGGAAGATC
39722187 F 0-13:C>A-13:C>A	TGCAGATTGGTTGCAGGAATCAGCTCCAGAATTCTGGGTGTTGGAAGCT CTGTGAGGACGATGAAATCG
46753849 F 0-39:C>G-39:C>G	TGCAGAAGAAACGTAACACCGACCCCTCACCTTCCCTTTCTGATGGGTTC CAAAGTCATGCATTTTTTT
39716318 F 0-38:A>G-38:A>G	TGCAGCTCAGATTAGGCCTTTGATTTACTGTGTTTATTATGGCTTCTTTGA ATTTCAAATGTTGAAAAA
39725021 F 0-18:T>A-18:T>A	TGCAGCTGCTTCTTCTTGTGTGTCTAACCAAAAAAAAAACCAAAAAGTGAT TAC
39725890 F 0-68:A>T-68:A>T	TGCAGATGCCATTCGCACAATTCTTGGAAATTTTCGGTGGGTTTTGTTTCTG TTTCTGTTTCTGTTTCTA
39723415 F 0-15:T>C-15:T>C	TGCAGGTTTGGAGGATGAGGGAGTGGAAATTTTGAAGAAGTGTGAGGAC AAATTGGGAATTACTCGTCG
39717095 F 0-23:T>C-23:T>C	TGCAGGCATAGAGGATATGAATATGCTGGTATATGGTCCCTAAACTTTAT CTTGTTACTGTTGTTTGT
39724155 F 0-61:T>A-61:T>A	TGCAGTGTATATGGAGAGAAAAATAAATGCTAACTGCTAAACTCAAAC CTGAGGCATCACTCATTTTT
39721537 F 0-62:G>A-62:G>A	TGCAGAATTTCTTGGACTTTAGCTTTGCATGCTTCACATTGAACACTTGC ATTGAGAACACAGCTCTGC
39718045 F 0-5:T>C-5:T>C	TGCAGTCAGATCCTTCAAACAATATATATAAATATATATGTATATTCACC TGTCCATGTACTTTACAGA
39713712 F 0-33:A>C-33:A>C	TGCAGAACCTATCTCATCCTCTTTTTGCTAAGGAAATTCAAGGTTTGTGG CTGATCTTCAATTTGGAC
39714613 F 0-34:G>A-34:G>A	TGCAGAGGTATATACTATATAGTCCTGTGATCATGAATATTTAGATCTAA CCGTATGATGTGAGGTGTT
39723458 F 0-49:C>A-49:C>A	TGCAGGGATATTTCTCTCAATTGGACCTGGCGATCAGAATGATACCAACC ATCAGAAGCAATAGCACAG
39716905 F 0-7:G>T-7:G>T	TGCAGGAGCCATCACTATATTCATGGTTGCTTCTTTATCTGTATGGATTA CGTTTTATGATCGAATAAT
39726777 F 0-31:T>G-31:T>G	TGCAGTTATTCTATTGTTCCACCTCAGTTTATTCTTGAAGAACATTTGAAG GTCCCAAACAACCTAA
39723863 F 0-5:T>C-5:T>C	TGCAGTATCCTCAACAAACGCGCGGTGATTGTCACCTCTCCTCCCTATGC GTGTGGGATTTGCTTTTT

39716850 F 0-10:T>C-10:T>C	TGCAGGACGATCAGCTCCTAGTTCATTTGAAACTCGCGTGCTTATGAAATGAAGTAAGGACAGAAATCT
39715902 F 0-45:T>G-45:T>G	TGCAGCCATGGCTTTGTTTGCTTATTGCCACTTTTCTTCATTTTCCTTTGAAAAACTCAGTACAAA
39725918 F 0-53:G>A-53:G>A	TGCAGATTGAAAAGCACTTCAACGACTTTGATCTCCCCCATGCTATATAGAGATTATCTCTCTCTCT
39716485 F 0-41:G>T-41:G>T	TGCAGCTGGTGGTTTGTGTTGCTGTTGCTGGTTC AATATTGTTGCTTCGT TCACTGAGATTATTGGCT
39719599 F 0-9:A>G-9:A>G	TGCAGAGCAAAGGGTGTA AAGAGAGTTTTAC
39725228 F 0-40:G>A-40:G>A	TGCAGTAATAAACTGGATGTATAACTTCAGCAAAA ACTTGGGAGCTTAT CGAGGGTTTTAC
39715360 F 0-10:A>C-10:A>C	TGCAGCAATAAGTTGCTCTATGACATTTAGATATAGGTT CGAAAACCGTT AGATACATATTCAAAATAT
39718044 F 0-59:A>G-59:A>G	TGCAGTCAGATAAAGCCTAATTAGATGCAGAAACATAGGCTAGCCAGTTTGATATTTACAAGTATAAAA
39726536 F 0-49:T>C-49:T>C	TGCAGGTGAGTGTCTTGATCCAAAAAATACCCTTGA ACTATAGGGAA TGACATATTCTAGTGATTTT
39715239 F 0-59:T>C-59:T>C	TGCAGCAAACACTTGTCTTTT TAGTGCTCATTGTGCTTGAATTAGATTACT TGTCTTAGTTTGTAGTTC
39717866 F 0-31:T>A-31:T>A	TGCAGTAGAATAAGTAGCCATTTTAGTCATATTGCAGCATCAATATGAA GCAAAGTATATAGGTAATAA
39722247 F 0-34:G>T-34:G>T	TGCAGCAAAGTGAAATTTATTTTATCATAAAAAAGA ACCTAAAAGACAT GGAGAAACCAAAGACATCTT
39717452 F 0-61:A>C-61:A>C	TGCAGGTACTGATTTTTGCACAAGATCCAGGAAGTGAGGTATTTCCTCAT CCTGTGGGTTTAGTCTGAA
39721236 F 0-26:C>T-26:C>T	TGCAGAAATGAAAAACAAGGAGACCGCCGCTGATGCCGATCGTCCATGG CAGTCTTACAACACTGTCTA
39725959 F 0-6:A>G-6:A>G	TGCAGCAAAGTCAAATATGTTGCATACAAGTACAGTTGAAGAATGGA AAGTGTAACAGTTGCATAAA
39717271 F 0-59:A>G-59:A>G	TGCAGGGAGACCTACATTTTACTCATTCTATTACCTTTTAGCTCAA AATTT TGTTCCAAATTCCTTTT
39728166 F 0-29:C>T-29:C>T	TGCAGAATCCAATGACGAAAAA ACTTTGACGCTCTCATAAGTGAAATCA GGGAGTTTGTAATAGTCTTG
39715418 F 0-34:G>A-34:G>A	TGCAGCACAATTA CTATAAAGGGAAAAAGGAAAAGGCCTTAGCTTTTTT CTTTCATTTTCATCACATCTC
39729557 F 0-13:G>A-13:G>A	TGCAGTTCAAAATGAATCTGTTCCCATGCTTGCCACCTTTTGAGGACAA GAGAGGTCCCTTTAC
39725009 F 0-7:G>C-7:G>C	TGCAGCTGTTAGCTGTACAAAAGAAAAGTGTAGGAAAAGTAAATTTAC
39727282 F 0-34:T>C-34:T>C	TGCAGTTTGATATTCAACGAGCGAGTTTTTGGTTTCTGGATTGCTTTTCT TTAC
46764503 F 0-14:G>A-14:G>A	TGCAGGCTCAAATAGCACTATTCCAAACTCTCCCAACGATGGTCACCTGT AACTGGTGCACAAAACAAC
39713644 F 0-19:A>T-19:A>T	TGCAGAACAAAAAAGAGAAAAAGAGCCCTAATAAAATATATGTTCTTT ACTTGGTGGATTGTTTTTAT
39716592 F 0-61:T>A-61:T>A	TGCAGCTTCTCTACCTATTCCCAACTCTGCTAGAGGCAGTGACATTCTTA CGTGGCTGCCTTCTCAAAA
39727151 F 0-46:C>G-46:C>G	TGCAGGCAGATAAAGATAAACTTTGGATCACTTACAAGGTAATGCACCT CTCAGTTTTAC
39716574 F 0-57:G>C-57:G>C	TGCAGTTCCTGTCAATAGATACACGAAGGTTCTGGGGCACACCAGCCTT TTGGCAAGGCAATGTCTCT
39726968 F 0-6:A>C-6:A>C	TGCAGAATCTAATGGCAGCAAGGACTTCATTTCCCTCAAGATTGAGATT AC
39717030 F 0-68:C>G-68:C>G	TGCAGATTTCAAATTC AAGGTATATATATTATGCTTTCTTACTAAGAAA CACAAATACTTTAGTTTGC
39721403 F 0-61:A>C-61:A>C	TGCAGAAGGCATCAATTTGTATCTGAGCTAAACAAGACACGTGCCACTA TGTCGAAACTCAAGTCAAAA

39720476 F 0-13:C>T-13:C>T	TGCAGGTACTIONCACCTTTTCATGGATTAC
39724742 F 0-5:A>G-5:A>G	TGCAGAGCAAAAACCATAACTACATCTTTCCAAAAGGAGAATTTAC
39729119 F 0-27:C>T-27:C>T	TGCAGAATGAATCGGTAACACCTCATTCCCTCTAATTATTTCCCTGCTTGCTTTTAC
39724618 F 0-9:T>A-9:T>A	TGCAGAACATTGAACTTTAGAACGACCTATGAGATTTTTTAC
39728967 F 0-20:G>T-20:G>T	TGCAGGAACAAAATGGTGGTGCTTCGGTTCCACTTCATGAGAATCAATCCAAATTCACATTTAC
39718735 F 0-35:G>A-35:G>A	TGCAGTTGATGCCAACTTTTTCTTTTATTATTATTGTTGTTGTTTTGTAAACTTCTTTTAC
39723761 F 0-42:T>C-42:T>C	TGCAGTAATATCTGCAATGGCAGCAAAATAAATTGATATGATTAGAAAAGCTAGATATTTTTGCCCTCTT
39725885 F 0-63:C>A-63:C>A	TGCAGATGATATCTCTACCTTATAATATTTCCGAGACATGGGCACTATTACAAAACCTTCCAACACTTC
39724060 F 0-68:C>T-68:C>T	TGCAGTGATGCTATAACTGTTCTAGATCTAAGAATTCTAGCTTATCCCTTATCACCCCATTTGTTATTAC
39717151 F 0-54:G>T-54:G>T	TGCAGGCCTTCGAAAGCTTTCTTTTCTCCTTCTCTCTGTGAGTTGCTGCTTGCTCTTAGACGTAAT
39716666 F 0-14:C>A-14:C>A	TGCAGCTTTGAATCCTCTAGATTTTCATTGTTTCAGACACTAATGATTTTACTCATAGCTCGACTCCACC
39716737 F 0-24:C>G-24:C>G	TGCAGGAAATACATAAACCGTCAGCATAAAGAATTACAAATGTTACTAAAGCTTTGTAGACAGATCAA
39718519 F 0-37:C>A-37:C>A	TGCAGTGTGAGATTTTCATCTCTGTGTCATCTTCTCAAATTTGAAGCTATTTTCACGGTGCAGGAAT
39723252 F 0-21:T>G-21:T>G	TGCAGGATCTGAAAGTTTCAGAAATTTATAGACAGACAAAATTGGGGAGGCTCTTAGGAAGAGATAGCTAC
39724359 F 0-23:T>C-23:T>C	TGCAGTTGGGATGGAGTGGGCTGTGATCCTACCAATGGTCATGTTCTCAAGCTTGATCTTCGAAACTAT
39725859 F 0-22:T>C-22:T>C	TGCAGATCTATGATCCTATGTATCGGCACATTTACGGTCAACAAACAATGTACCAGTACAACAATCTC
39724151 F 0-19:A>T-19:A>T	TGCAGTGTATCTCAATCAAATTTTCAGAGATTCTGTTGCACGCTCGCTAAAATATGTCATTTCTATTTCTT
39717471 F 0-53:A>T-53:A>T	TGCAGGTATATTTGTCATTGAGCATATAGTATATCTTGCCACAGTTTTTACCATATAGGCTCTAACTCTT
39715933 F 0-21:G>A-21:G>A	TGCAGCCCATCGGCCCAATTTGGTGGCCCAAATATTGAAACCTCCGAAATTTCCGTAAGTAAGATTTTA
39724113 F 0-66:T>C-66:T>C	TGCAGTGCCAAATGAAAGCAACACTTACGAAATTTGGTGGAGTGAACCTCCATCAGGTCATTCTTGTTTGA
46756900 F 0-16:A>T-16:A>T	TGCAGGTTTTTCTTACAATTTCTCCGTTAGTTTCAATCCATTATTGCGTGTTTTTATAATCTCACCCC
39718181 F 0-6:C>G-6:C>G	TGCAGTCTGCAAAATCCTATTTCTCAATTGTTCCAATTTTGCTTGAAACAGAAAACACATAAACATAA
39715617 F 0-28:A>G-28:A>G	TGCAGCAGTAGATAAAACCTTATTAGCAAGGAATGTATGAGATGAAACCTTATTGAAACTCTTTTTTTT
39715481 F 0-11:A>C-11:A>C	TGCAGCAGAACACAAAACCTTTCAAAACTAAACTAAACAAAAATAAAATAAAATAAAACCCAGAAACAGC
39716038 F 0-9:T>C-9:T>C	TGCAGCCTCTACACTGCATTCAACGTAACCTTCTCTCTCCATCTCTATACACCTCCTTTTTTCTGAT
39728490 F 0-19:A>C-19:A>C	TGCAGTCTAATAACCCAGTAAAAAATAATCATGAAAATCTAAAAAAGAACACTTTAC
39720144 F 0-12:C>T-12:C>T	TGCAGCTATGGGCTTTTTCTAGTTTTTAC
39719493 F 0-47:C>A-47:C>A	TGCAGACAAAGATCATACTAAGCATATGGAGAGCATCACACTCAAACCGAAGGTTAC
39715475 F 0-61:G>A-61:G>A	TGCAGCAGAAAAGGCATGAGTTTGACCTCGATTTTACCAAACAAGAGACAGGGAAAGACGTACTCGA

39719393 F 0-19:A>T-19:A>T	TGCAGAAGATTGAGTATTGATCAAAATTATTAC
39718581 F 0-33:C>T-33:C>T	TGCAGTTATATATTACCGGTGGAAGAAGCTTGGCTTTCAAATCTATATGT TGTATATCCAAGGAGCCTT
39724461 F 0-48:T>G-48:T>G	TGCAGTTTTTCATTATTGATTTGCTTGAAATGTATATGCATTGAGAAAATA ATCTCTCACCTAACTTTTA
39718496 F 0-49:T>G-49:T>G	TGCAGTGTGATATATGTTATAGTCAAGTTTTTCTGTTATCAATTCAAATTC TTAGTGGATATTGAGAGA
39719308 F 0-15:T>G-15:T>G	TGCAGAAAGACAGAGTAACAGGCAGTAACATTACCTTTCAATTGATTAC
39726857 F 0-12:A>G-12:A>G	TGCAGTTTCACTATGAACACGATACACAAACATGACAGAACCACTGACA TAGTGACACATCATTCTCTA
39714445 F 0-58:C>G-58:C>G	TGCAGAGATATATATGGAGAGGCAGCTGATAACAAGAAAGATTCTAAAT ATATAACGTCTTAC
39715445 F 0-56:T>C-56:T>C	TGCAGCACCTCTTAGGGAGACAACATCACAACAACCTAAATTTACTCA ATTTCTTTGGATTTTAGAG
39724907 F 0-10:G>A-10:G>A	TGCAGCAGCAGCTGGGTTTTGGCCATGGAGTTCAGATCAAAATTCCCATT TTCATTAC
39725795 F 0-36:C>G-36:C>G	TGCAGAGTCTTGATCTTGGTAGTGGAGTTGGTCTGCGGGAGGTTTCTGT TCATTGTATTTGTTGCTTG
39722548 F 0-61:C>G-61:C>G	TGCAGCATGCAGACAAAATAAAGTGTAAGAACGAAGAACTTCCCAG GGCTAATGAATACTATTATC
39724681 F 0-13:G>A-13:G>A	TGCAGAATTTTCATGAAGCCATCCCAATAGTAGAAAGTTCACATGTTAC
39725231 F 0-22:T>C-22:T>C	TGCAGTACAACACAATCAGACGTCAAAGACAAGGACAAGACCAGAAAA ATTAC
39713616 F 0-25:T>C-25:T>C	TGCAGAAATGGGGAATTGAATTTGATGCAGGGGCCCTGAGTCTACGCTA AAGATTTTCCCTGACATGAT
39728151 F 0-7:G>T-7:G>T	TGCAGAAGAATGTTGGTTCAATTCTTGAAAAGCAAGCAAATTTCTTCCAT CTCCAAGCCCATCAACAGA
39720861 F 0-34:C>T-34:C>T	TGCAGTTGGAGATTTTGTATCAACCAATGAATAACCGACGTTTATATAGA GACTTTAC
39729149 F 0-21:T>C-21:T>C	TGCAGCAGTGAAATGTAATTTTTAGCAATCTGTGGAAGCATTTATAAGCT TCATAACAATTGTTACAGA
39718742 F 0-37:G>A-37:G>A	TGCAGTTGCAAAATCAAAATGATATATATGGGCAACAGCAAAGAAGGA AAAAATTCAAAAACATTACAT
39717250 F 0-20:T>G-20:T>G	TGCAGGGAAGAAAAGAAAAATGCAGGTTTTATCGAAGGGACACATTATA GAGCAGTTTGCAAGCTATTT
39718166 F 0-8:T>C-8:T>C	TGCAGTCTTATTATCCTTCGAACACATGACACACCAAGATGGAGATAGA GAGCAATGAGGCATCCTTCG
39723035 F 0-32:T>C-32:T>C	TGCAGCTTCTGCAAGAATGAAAAAGTAGTTGATTACCAACAATGTCCCC GAATCTAACACCAAATAAAA
39728452 F 0-42:T>C-42:T>C	TGCAGATACCCTTCATATTAGTTTTACGAATATCGGGTAGATTATATTAC
39714490 F 0-41:A>T-41:A>T	TGCAGAGCAGAATATTTTGGCTAAAATGGTGCAAGTGTAACACGATGCG AGGCAAACAACCAATTCATG
39725627 F 0-10:T>C-10:T>C	TGCAGAATGCTTTCTCACCTCTGAAAACGAATCAAACCCATAAGAACA ACTGTGTTTACTGTTACGA
39724036 F 0-43:C>T-43:C>T	TGCAGTGAATAAAAAGGTGATTGATGAGGTTTCCATGTCACCTCAGCAA AGCAAGCATCTGTTTTGCGA
39714011 F 0-10:C>T-10:C>T	TGCAGAATCGCTATTCAAAGAAGGAATCGGCTCTAATTACTCTCGCATT CTCTAGATCTAACTATCAC
39726824 F 0-9:C>A-9:C>A	TGCAGTTGGCACGCTTATTCCAATGCTTGAAGGCCTCGGTTGAGCAATA GAGAAAGATGGTTTGCTGG
39724094 F 0-30:A>T-30:A>T	TGCAGTGCTGATCAGTGATCACTGATCTGCATTCTGAGAAAGCTAGATTT CCAGCTCACATGGACGAAT
39724920 F 0-18:C>A-18:C>A	TGCAGCAGTTCATTGTGTCAATTTTAC



39725465 F 0-26:A>T-26:A>T	TGCAGAGGGAACATGAATCAGAATGTATGTCTAGTAGAGTCAAACAGAA GAAAATTACTAGGTGATAGA
39724413 F 0-21:T>C-21:T>C	TGCAGTTTCCCCATTCTCTGCTGCACTTCTCCTTTTTGGCTTTACCTCCATT ATCAAGATCAACTCTGC
39725145 F 0-24:G>A-24:G>A	TGCAGGGGGCAAAAATACACAAAAGGGTTTTAC
39724291 F 0-22:C>A-22:C>A	TGCAGTTCTGCTTGTCTTTGTCTGACGTTGGGGGAAAGGTAAAAATGA TAATCATCTCCACTCTCA
39727711 F 0-54:T>A-54:T>A	TGCAGGCCTGTATTTAGAATATGCAATGAATGAGTTTCAAAGTTTTCG ACCCTTGTAACCTCAGTAAG
39714371 F 0-20:A>G-20:A>G	TGCAGAGAATCCCACATATCATCATTACATTCTCAATGCCCTAAAACAG AGCCCTTGTTTTATATGAG
39714958 F 0-50:T>G-50:T>G	TGCAGATGACTTCTGAGGTGATGCGACATCTGTTCCAGAAAACCTGTCA TTCAGAAAATTGTAGTCTC
39716685 F 0-18:A>C-18:A>C	TGCAGCTTTTCCCATCTCAAAGAGATGGAAGGATAATGGAAGAAAGAAT AATAAGCAATTAGTAAAAGG
39725089 F 0-45:T>C-45:T>C	TGCAGGATGAATTGTTCAATCTTATTGTAAATTTGTGGCAACATTTCTTT AC
39714676 F 0-52:G>A-52:G>A	TGCAGAGTGAGTTCAATTTAGAGTCAGCTTCTTTGCTTTTTCCACATAATT TGAATAAAAACCAAAA
39713465 F 0-13:A>T-13:A>T	TGCAGAAAATGGAATGCGCCTTTGCAGAGAAGGCAAGTTGAATTGAACA GAGGAGAGGAGAGGTGAGAG
39722072 F 0-64:T>A-64:T>A	TGCAGATGATCTTGCAGCACCGAGGAGTCAGGCGATGGTGCAGTACCCA TAATGGCAACTGCTATAACA
39715576 F 0-66:G>A-66:G>A	TGCAGCAGCTGCCACAAAGCTCTCCAGCTGAGACATCATAACCAACCCG ATAACGGCAGCAACAGCGCA
39717722 F 0-13:C>T-13:C>T	TGCAGTAAAGTGTCCAGCAGGTCAACAATTATGCAAGCATAAAGCTATA ACATTCATAACTTATAAATT
39713439 F 0-25:C>G-25:C>G	TGCAGAAAAGGAGACCTAACAACAACAAGAAGAAGCATCTGCATTTCTT CTAATCTTCATTGCTGAAGA
39722395 F 0-13:G>A-13:G>A	TGCAGCAGAATCTGTAGTCAATTGTGCTTTTTTATTTGAATCATTCAAAT GCTACAATCTAGATTTGAG
39713828 F 0-27:A>G-27:A>G	TGCAGAAGCAATTTGGCTGCCTTCAAGATCCCAAAGAAGGTCTTCTCAC AGATTCATTGCCCAAGACT
39727350 F 0-65:T>A-65:T>A	TGCAGAACAGACATTTGCAGAATCTTATTTTATGTTATTTGTTTATTATT TACTTTTCTTTTTTTACA
39722738 F 0-25:G>T-25:G>T	TGCAGCCTGCAACTCTCTCTAGTAAGGCCTCACATCTCTACTATTTTCAT ATTTTATATTCTCATCATA
39720081 F 0-46:C>T-46:C>T	TGCAGCCTTCTTTCAAGGGAAAAATGTATTTGTATTATTGTATGTTCTTT GAAATTTAC
39718030 F 0-7:G>A-7:G>A	TGCAGTCGCCATTGTTATAGTTTCAATTCTTGAATTCTATGGTGGAGAG GTTGCCTTGGACGAAAAAG
39715324 F 0-44:A>T-44:A>T	TGCAGCAAGACCGAGCAGCCGGTCATTTGTTCCGATTGCCTGAAATCTG ACTCCGGAAGCCAGACCGCC
39727513 F 0-14:T>A-14:T>A	TGCAGCAAATTGACTACTTTCAAGTTTGTAGACCAAACACAAATTTGAT ATTTGAGAAGTTTTACACA
39717952 F 0-56:G>A-56:G>A	TGCAGTATGGAGAGACCCATTGCATATGGCAGCAAAGAATGGGTGCAA TGATACAGCGTCGGCACTAC
39717355 F 0-49:G>A-49:G>A	TGCAGGGGTAAAGAGATTCTAATAAAACTTGTGGCACAAGCAATCTCTA GTTGTACAATGTATTGTTTC
39723231 F 0-63:C>G-63:C>G	TGCAGGAGTTCATGTAGAGTCTGATGCCATCTAGTAGTGAAGCTTTTGA CGTTCAAAGATCACGATTT
39727642 F 0-16:A>T-16:A>T	TGCAGCTGTTGGAGGGATGATCAAATAGGATGGAACCAACTCTTTTCA ATTTTCAACCACCTTTTTGT
39715234 F 0-54:C>G-54:C>G	TGCAGCAAATCAAAGCACAATCAAACCGAAGAACAACAACAACAAAC TCAAACAATAATCCAATCGG
39725423 F 0-21:C>G-21:C>G	TGCAGTTTTGCTTGCCTTTGTCTTGCACCTTGGTGAAAGGTCAAATTA CTGATTAC

39714808 F 0-10:T>C-10:T>C	TGCAGATATATCTTTATTCTTCAATGAATGTAAATTCAAGAAATAATGAA AAGCATTTAGCCAGTTGTT
39717869 F 0-31:G>A-31:G>A	TGCAGTAGACCATCCCAGATGGTGCCTACAGGGAGTTGCATTCAGTTTCC TTGCCTTGAGCATAAGTTA
39718386 F 0-8:A>T-8:A>T	TGCAGTGGACACGGGAGGTGTCTTTCTAATGGACTTTGTGAATGTGGAA ATGGTTACACTGGCATCGAT
39720209 F 0-50:A>G-50:A>G	TGCAGCTGTGAATGATAATTAGTTGTGTTTTTTTTGTGTGTAGGAAGTCAG AATTTTGTAC
39728720 F 0-11:G>A-11:G>A	TGCAGATGGTAGATATAGTAAGAAAAACACTGGTGGGTTGACTAAACTC TTTAGTTTTATTTTCTTACA
39714960 F 0-36:A>G-36:A>G	TGCAGATGAGGTTTTCTTTTTTACATTTCAAATTCAAAGTTGAATGTTTT GCATAACATGGAGTTGGA
39717330 F 0-67:C>A-67:C>A	TGCAGGGGAGAAGTCCAAGAAAGAACGGTTGGCTGTTCTAAATATAACA ACTTATTGTATCCTAAGTCA
39718377 F 0-43:G>T-43:G>T	TGCAGTGCTTGCAGTAGATGGGATATGAATATGGATGCATATAGATTGG CACCAGAGCTTGCCGAGGTG
39725193 F 0-32:C>T-32:C>T	TGCAGGTGTGTGAGAATTGGCGTTTTGTGAATCCTTTAGCTCTGAGATTTT GGTTAC
39726984 F 0-32:C>A-32:C>A	TGCAGACTAGAAAGATTTTCTGACGATGAAATCATTAC
39727153 F 0-7:C>T-7:C>T	TGCAGGCCGAGAGAGGGACCAATTCTTGAACCTTTCTTTTACCTTATTAT CAGTGTAC
39713325 F 0-59:T>C-59:T>C	TGCAGCAACCGCAAATGTTTCAGAAATACTCGGGATTCTGTTGTGAGTA GTAGTACGTGTGCATATACC
39723391 F 0-32:G>A-32:G>A	TGCAGGCTCAGATGGACCAACTATCTTAGGCCGGGCATCAAGAGGGGTA ATTTCACTTACCATGAAGAG
39714605 F 0-21:A>G-21:A>G	TGCAGAGGGTATGGGCTGCGTACAAAAAGAAGATGCTTGGGTCTAATCC AAGTAAGCCCTAATTCCATT
39724633 F 0-31:G>A-31:G>A	TGCAGAACTTATGATATGAATGAAAAAAGATGTATTAC
39725300 F 0-25:T>G-25:T>G	TGCAGTGACTTTGCAAATATACTTGTTTTTGACTATGAACATTAC
39728293 F 0-36:G>A-36:G>A	TGCAGCTGCCATAATATCTCTATGATGTTCTCCGATGACAGTTAGTCTAT TGGCCTTCGAGATTTTTAC
39726600 F 0-56:G>A-56:G>A	TGCAGTACTTCTACTTTCGTTTGCTTCTGTACAACTCCATCGCCCTCGAT CCACCGAAAAACACGGTC
39713293 F 0-50:C>A-50:C>A	TGCAGTACAGCACTCCCTCAAAGGAGCAATAGTTGCTAAGCTGCAAAAG ACAAAAAAGATACAAATCCA
39715821 F 0-10:A>T-10:A>T	TGCAGCCAAGAATTGTACAGTTTTTTTTACCGTCTCCATTAGAAAACCTCC TGATCCAAAAATCAGACTT
39717352 F 0-9:T>A-9:T>A	TGCAGGGGGTGGGTTTACCTGCCTATATGTCAAAAAGTTTTTGTATTGC ATCTTTATCCCACATTTCC
39727482 F 0-5:T>A-5:T>A	TGCAGTTCTAGGAGAAAAAAATCTTCTAGTGGAGATAATTTGGAATC TACAACACCCGGTGCTTTTC
39721759 F 0-15:G>A-15:G>A	TGCAGAGATATGTTGGCATCTACTTGTCTATTTGAACGACTGCTTGAAC TTCCATCTCCATTTTGTTC
39722108 F 0-37:C>T-37:C>T	TGCAGATGGCAGATATTTGACTATATTGGACTAATATCGTTAGGATGTCA TCTGCCTATAACTAAAAAT
39718130 F 0-28:A>C-28:A>C	TGCAGTCGATGTTTTATTGATTATTTACTATGTTATTGGTGAATCAACA TGGTATGGTATTTTCAAC
39718966 F 0-44:T>G-44:T>G	TGCAGTTTTGATTGAATTGATTGGTGAACCCATTTTTGAAGGGTTTCGA CATTGTTGTGGAGGCTCGA
39724566 F 0-18:C>A-18:C>A	TGCAGAAAACTAAAGCACAACTACCCATGTTAC
39716358 F 0-45:A>G-45:A>G	TGCAGCTCGTGGATAGCTCGTGGATGGGTTCTATTCATTCCAATCATTGT AGATCGGGATTGTCCGAAC
39715750 F 0-58:C>T-58:C>T	TGCAGCATTACTGTCTTGAGTAGCACATTTCTTTTTATTTGATTTAGCAA TTTGAACCAGATGGTTCC

39720066 F 0-13:A>G-13:A>G	TGCAGCCTATAAAAATCTCAATCATATTAC
39724236 F 0-9:A>T-9:A>T	TGCAGTTCAAGGGAAAATGTAGGAATCAATACGTTCGGTTTCGGTATTTTTCTCGTTCTTATAGCGGTTT
39728736 F 0-5:C>T-5:C>T	TGCAGCGGTCTTTGTCTCTGTCTTCTCTTATCCCCCCTTATACTTTTCTGTTGATGTGGATGTTACA
39714844 F 0-33:T>C-33:T>C	TGCAGATATTTGGGCTCTTGGCTGCGTGGTATCTGAGATGTTGACTGGAA CCCAGGTTTTTCTAGATAC
39716542 F 0-8:A>C-8:A>C	TGCAGCTTATTGTTTTTCATTAGGGATTTTGTGTTGTTCAAGAAGATATAGTGAAAGAAAAAGACCCTA
39723777 F 0-17:T>C-17:T>C	TGCAGTACAAATAACAATATAGCTAGTTCGTATTGATTTGTAATCCCTTATCGGATGTTTTTCAATAT
39714151 F 0-6:C>A-6:C>A	TGCAGACAGAAGGGATTTGTGATCAGGTGAAGAAAGAATATCAGATGCATCATAATATATTGATTGAT
39725087 F 0-28:C>T-28:C>T	TGCAGGATCACTTTCCTGATGCTTCTTTCATGGTGTGTTTAC
39717385 F 0-36:A>G-36:A>G	TGCAGGGTCCAGTGCTTCAGCCTGCGCCCGAGTCCTAGTGGGAACAAAGTCTTCAAATCGTACGGCCAA
39713533 F 0-47:C>T-47:C>T	TGCAGAAAAGAGGCCTGGAGATGCCGGGGGTTTCGACGCCGGGTGGAACACGGCGAAGTTTTTCCGATGA
39722939 F 0-5:C>T-5:C>T	TGCAGCTGAATTTTGTAAAGCTGCTTCTAGGAAGGGGCTGGTTGAGCTGTTTTAGAAACTGTTTTTTT
39725909 F 0-9:A>G-9:A>G	TGCAGATTCAGTTTCCAAGAATCAGTTTCTTGATACTAAAGCTCCAATGTGCAAAACTAAGGGCAAA
39716193 F 0-12:A>G-12:A>G	TGCAGCGGTGGAAGCCAACGAGGTCAAACCTCCAGCCGGTGTGATCGGATTTGAAAGCGGTTGGTTCT
39722353 F 0-27:T>C-27:T>C	TGCAGCACCATGCGACCCAAATTTCTCTCCTTTTGAACAAATCGTTTTCA AATCACAACCTCTAGAACC
39718963 F 0-56:C>G-56:C>G	TGCAGTTTTGAATCTTCTCTTTGCTGAGGAGCTTCAGCATTGTCTCTGTGAAGCTCAGAGTTTCTGTT
39726943 F 0-49:A>G-49:A>G	TGCAGAAATCTTGACGATCTTCATTCTGATAGAATATCCAAACTACTCACTACTTAC
39716973 F 0-25:T>A-25:T>A	TGCAGGATCATCTTGGCCAGTGAGTCAAGCAAAGCTTGCACGTGGTACAAGCCCGCCGTCAGCTCATG
39720161 F 0-20:T>A-20:T>A	TGCAGCTCATTTTTCTTGTGTTTGCATGAAGATAATTTAC
39720207 F 0-18:C>T-18:C>T	TGCAGCTGTCAAGGATTGCAAGGATTTTTTAC
39727275 F 0-33:A>T-33:A>T	TGCAGTTTACAAGTTCGTAAACTTGAAGAAAAAATTTTCGATATCAGCCGATGATGTATTAC
39724628 F 0-6:A>G-6:A>G	TGCAGAACCCGGCTACGTGTACCATTGTCACGTAAGTAGCAAGTTAC
39723094 F 0-29:T>C-29:T>C	TGCAGCTTTTTCTGTACGAAATCGAAATCGGTTTATGCTCGTTTGGTACGTTTTTCGTTTTGTTTTT
39714583 F 0-20:C>A-20:C>A	TGCAGAGGCTCTAGTAACGTCTTTCCTCTTTTATTCTAGCAATGACGTATAATCACTGACGGAAATAGT
39714792 F 0-60:T>A-60:T>A	TGCAGATAGGAAACCTCCGGGTGTAGGGCGTGAAGAGGAAGAGGGCGTGAGGATGGTCCTGGTGAAG
39713983 F 0-36:A>G-36:A>G	TGCAGAATATCTTACATGAACTACCAATGCTAATGCAATTTTTGTGTGAA CAAATAGAGCCATTTAGAG
39715067 F 0-21:G>T-21:G>T	TGCAGATGTTTTGATCAGATTGCATCAACTACAAAGAATATCAATTTTCA AATTTTTATTCAACTAACT
39718600 F 0-20:C>A-20:C>A	TGCAGTTCAAAAATAAAGTCTCTGGTGAAGAAATAAATCACAAACTA TCTCGTTTAGCACAGGAAT
39722349 F 0-20:G>A-20:G>A	TGCAGCACCAGATCCATCAGGAACCAACAATTCATATAATGGCTCAAC TGTTCCGCATAATTTCAATC
39716619 F 0-63:A>G-63:A>G	TGCAGCTTGAAATTGTAATTGGCCACCAATTCAGAATGGAATTTCCAT AATCTGGCCAACAATCAAT

39722950 F 0-27:C>A-27:C>A	TGCAGCTGATTTCCATACATATTCAATCATGTGGTCTCATTGGCAAATCATGTAAGTAAGGAAAAAGAT
39717596 F 0-52:C>T-52:C>T	TGCAGGTTAGGTCCCATCCTGCTATTATCCATTCAATTTGAAATACTGAGTTCGAAAAAGAAAGTAGCC
39723751 F 0-36:A>G-36:A>G	TGCAGTAAGCAAGAATGTACGTTCTGCATCAATAACAGGGGGTTATTTCTATCGATCTAAGACCGATCC
39718960 F 0-64:T>C-64:T>C	TGCAGTTTTCTTTATTGGCTTCTAAACATGGTGGTGGTTTTAGGCTTGGCACTGACACCGCCAGTGTTA
39729214 F 0-62:T>A-62:T>A	TGCAGTAGCTAAAGTTTTGGTTGTATGTTAGCCACAAATATTTTCAAGTTATAAACCTTATTTAC
39713531 F 0-15:A>G-15:A>G	TGCAGAAAAGAGAGAGAGAGAGAAGGGTACGTATGCAAATTGTTTTGAAAACAAGAAGAGAGAAAAG
39719385 F 0-15:C>T-15:C>T	TGCAGAAGAGAAAATACGATGAGTGTTCATTTACGTACACGTTAC
39721128 F 0-24:T>C-24:T>C	TGCAGAAAACATCTGGCATCACAGTTAGTCTTTTTCTTTTTCCCTTATCAAATTTCTTTTTGATTTGA
39721802 F 0-17:A>C-17:A>C	TGCAGAGCCGAAATCGAAACTTCCCTCTCCTCTCCGTCTCTCTTCATCAAATTCAACGGAAGATTTGAA
39719962 F 0-53:G>A-53:G>A	TGCAGCAGCTTGTTTTTCGAATCCAGGGCCCCCTAAATCTGTAGTAGGCTTTCGTTAC
39721971 F 0-29:T>C-29:T>C	TGCAGATAGTTTTGGCCATCAAACTGTATGATAAATTCCAACAGGAACATACATACAGGGACGTAAAA
39715870 F 0-13:C>T-13:C>T	TGCAGCCAGCAGGCTACCTTCCAACCTCGTTCCAACACTTTGAAAGGTCCCAAAATAAATTAGGGCAAGC
39719433 F 0-11:A>T-11:A>T	TGCAGAAGTTCAGCCTGCTTTACTCGAGTTTCTTGTTAC
39714373 F 0-21:C>T-21:C>T	TGCAGAGAATCGAGAGAGATTCTGTGGGAGAAAGAAAAATGAAGGAAAACGACTTGGAAGAATTGGG
39714940 F 0-27:G>A-27:G>A	TGCAGATGAAAATGGAATTTCCCTGTGGACTTGACCCCTGATCTGTTATGTCGACCGTGGAAGGTGC
39717704 F 0-55:G>A-55:G>A	TGCAGTAAAACGGCTCACCTAGGAGAGACATGTTTCAGTATTCTTCTGATTGTCAGGGCAAATTATTTTCG
39725205 F 0-16:A>G-16:A>G	TGCAGTTTTCAAAGAACAATCCCACTGTTCTAACATCAATGCGAAGCTAGATTAC
39725212 F 0-29:C>T-29:C>T	TGCAGTAAAAAATTATGCACATAATACCCATTTTCATCTAATGTAAGTTAC
39715190 F 0-19:T>C-19:T>C	TGCAGATTTGACAGGACTCTATAGGAGAAAACCTCCTCGACCTGAATTCTGACATAATAAAAAAATTAC
39719922 F 0-49:T>G-49:T>G	TGCAGCACCTGTATCAAAAAGAACAAGGATGAAGAAAAACAATTCAGTATATTAC
39725239 F 0-33:A>T-33:A>T	TGCAGTACCAATAACAGGTCATTTTCATAAATGTACAAGTATTGAAATCGTTAC
39717829 F 0-8:A>T-8:A>T	TGCAGTACATTTATTAGTGCAATAGGATAAAGATCTTTATATACTGTGTTCTTCCATTCCATCTACT
39728591 F 0-9:T>C-9:T>C	TGCAGGATATCTTTCTGAGTTGGATCAATCACCATCAGCTTCAATTTTGGAGTCAATGCAACCTTTTAT
39721154 F 0-7:A>G-7:A>G	TGCAGAAAATTTTGTATGCCACTCATTGCCAATTAGACGATTTGTTCTATGTCATTTGCAAATAGCAAT
39714815 F 0-55:C>T-55:C>T	TGCAGATATCATAAATGGCCTCATTGTCAAGGAGCACAGCGACATCAGTGTGTTCCAAGAGGGGAGTGGG
39718348 F 0-6:G>A-6:G>A	TGCAGTGCCATTGCAAGTGATTTTGGGGGAGCACCATTTGGGTAAGCATTTTTACTCATATCATTTTC
39717411 F 0-15:G>A-15:G>A	TGCAGGGTTTGAGAAGCTCTTTTTTGCATCCCTAAAGTATATCAACTGAAAACAAAAAACCATATATGAA
39717972 F 0-62:C>T-62:C>T	TGCAGTATTCGGATTCGGGTGAGGCTAAGGCTCACGTTCTACACTTCCCTACGAAAGAACACCGGTGGA
39729035 F 0-56:G>A-56:G>A	TGCAGTGCCCTTAGAGAAGGGTAGGGTGACCTTGAAATGTCCCTTACATATATTGTTGCCTTACAGA

39718715 F 0-67:A>G-67:A>G	TGCAGTTGAATAAGTATGATTACGAGTTGGAAAACATTGTTTTTGATAAGAAACCACGCTTTCATTGAG
39716025 F 0-67:T>A-67:T>A	TGCAGCCTACGTCATGATATAAGAAACGTGATCATAATTTATTATACGATATAATAGTTAGTAGATATA
39726937 F 0-27:A>G-27:A>G	TGCAGAAACCCAATGGAGAAGAAGGAGAGAAAGGGAGAGGAGAGAGGATTTATGTTAC
39714731 F 0-59:T>C-59:T>C	TGCAGATAAATGGCTCGGAACAGACGTAATCTCAATCCTTGGTTCCTCGCTTCTCTACTAAGGGACAG
39713594 F 0-60:G>A-60:G>A	TGCAGAAATCACAAAGGTAGCTTTTAGAGATGGTTAGCAGTAACATATA T TACTTAGCTAGTAAGTAGC
39726752 F 0-29:T>C-29:T>C	TGCAGTGGTACTTTTTAGGTTATTTCTGCTGGACCCATTCATGTAATTGTG TTCATGAAAGCTGAATTG
39729125 F 0-41:G>T-41:G>T	TGCAGGGACGGTGGCCTGGTGGAAATCCACTCCACTTCCTCAGAAGATCA TTTTTCTTTAC
39722693 F 0-10:A>G-10:A>G	TGCAGCCGGAAGAGTCGAGGCGGCGGCAGAGAGGGGAGGAGCAGGGGATTTGGGCAAAGGATTTAGATT
39724571 F 0-21:A>T-21:A>T	TGCAGAAAAATATAATCAGTTATTTGAAGTTTGAACCTCAACAAAATTAT ACCTTAC
39722739 F 0-33:T>C-33:T>C	TGCAGCCTGCACCGTTGTTCTATTGAAAGAAAATGCATCATTCTAATGCT TTCGTGCCTCTCTCTGTTT
39724604 F 0-33:A>C-33:A>C	TGCAGAAATCAAGATAACTCGCTTAGTGAGGGCAGAAACTTAC
39713604 F 0-33:T>G-33:T>G	TGCAGAAATCTGACTGATTCTCATATGGCTCATTCAATTATTCATGTCAGT GTTCACGGTTGTCGGTTAC
39721909 F 0-37:G>A-37:G>A	TGCAGAGTCTACCTGCAAGCCACCCATTGCCGTTGCCGCTTTTTACGCAC AGAACAGAAGCCATAGCTT
39726061 F 0-33:G>A-33:G>A	TGCAGCAGCTGCTAGAGTTGGAAAACACTTGTGGGCGATTGTTTCAGAAA TGTTTGTACATCTTTTGCT
39719872 F 0-16:C>A-16:C>A	TGCAGCAAGACAGGTACGACTTCTGTTCTGTTCTGATACCATATTAC
39716029 F 0-16:G>C-16:G>C	TGCAGCCTCAAAGGATGAACTCGATAGGAGAAAGCTTCGAAGGGGCT AATGCCACTAGACCAAACAA
39721970 F 0-66:C>T-66:C>T	TGCAGATAGTGAGTTTCTTTGAGTCATACTCAAAGTCAAATTAGCAGATT AGGTGTGAAAAATACTCGA
39724777 F 0-9:C>A-9:C>A	TGCAGATAACCCAAAAAAGATCAAGGTTTAC
39714038 F 0-67:C>A-67:C>A	TGCAGAATGCAGTTGCCATTCCCATTCAAACCGCATTCCCTACAAGCTATA ACTTCTAGCTTCCCTCCC
39713600 F 0-20:T>C-20:T>C	TGCAGAAATCCACAGTTATCTCCTCAACAAAATAAGATATGTCACAGTT GTACAGAAGTAATGTTTCTT
39725219 F 0-6:G>A-6:G>A	TGCAGTGAATAGATTTTTCTTGGAAATTGATTAGAGTTTGTGTTGATTAC
39718221 F 0-54:T>G-54:T>G	TGCAGTCTTTGAGAATGGCCCTGAAAAATAAAAGGTAATATTTCAATTGA TCAATTTCTTTTTTTGTTT
39718169 F 0-30:A>G-30:A>G	TGCAGTCTCCGTTCTCCATATGAGTTCATGAATCTCTGGTTTATATATAG AATTGTTTGCAGATGGATG
39718723 F 0-10:A>G-10:A>G	TGCAGTTGAGAATTTGTCCAGCATAACTTAGTGGTTTGTCCCGTAAGAAT AGTACATGCAAGCTGGTCC
39717186 F 0-15:C>A-15:C>A	TGCAGGCTATTATGCCCTAACTATACAAAAGAGAACAAGATGGAGTTTCA AATCATCTGTTCTTACATA
39717733 F 0-45:G>C-45:G>C	TGCAGTAAATTGAATTGATTTGAATGTGAATGTCTCTATTGAGTGGAACG TTTACTTTTCAGTTTTTTTT
39723461 F 0-19:G>T-19:G>T	TGCAGGGATGGTGATTTTTGTGTAACCTCCATTTCTTCTTCATACAAAA TCAAAGGCAGCGAGAAAAC
39716586 F 0-62:G>T-62:G>T	TGCAGCTTCGTCCAGGTAAATTGATCCATTGATAGCCTTGCTTATTGCTG AATTTTCTGGGGTTTTTT
39718661 F 0-29:G>A-29:G>A	TGCAGTTCGTGATCGTTGCTGAATACCATGTACATATTTCTTTATTTCTA AACTCGTCTGAACTAACC

39713385 F 0-37:G>A-37:G>A	TGCAGAAAAAACTTCAAAAAGAAAACCTCAAATTTCTCGAAAGAAGTTTT TCAGCTAAGAGAAAAGAAAAA
39713910 F 0-28:C>G-28:C>G	TGCAGAAGGTTGTTGTTGTTGTTGCCGCCGCCACCGCCGCCGTTGTTTGA CTGATGGGTCATCGCCGAT
39714443 F 0-28:A>T-28:A>T	TGCAGAGATAGGTAAGAAAATAAGTACCATTATGAATTTTGATCCACAG CATTATAGTTTGTGGTTCT
39715641 F 0-50:T>C-50:T>C	TGCAGCAGTTGGGTGAGAGCGCTGATTCAGGATAACGTCTTTGAGGATA ATGTCTTTGAACGATGTTG
39713699 F 0-43:T>C-43:T>C	TGCAGAACCACTATTTGGACCAGCAGATCAGTAAGTGTTTTCTTAGACAT TTCCTTTATGTTTCGTTGTA
39716277 F 0-48:C>A-48:C>A	TGCAGCTAGGATTGAGCGGCCAGACAAAGACAACAAAGAGTAATAGTA CTAATAAAGAGAGTTGGAGTA
39717988 F 0-56:G>T-56:G>T	TGCAGTATTTTCCTTCATCCTACCTTTTCCTGTCCCAGACATTGTAGATTCCG ACTTTGCCAGGGGTTGCT
39715498 F 0-8:A>G-8:A>G	TGCAGCAGAGAAAAGTCAATTCAGAGAGACACGATTCCAAAAGCTTGAAC GACATTTAGTTACTTGTGCC
39715664 F 0-19:G>T-19:G>T	TGCAGCATAGCAGGCACTTGTAGGTAGCAGCTCTAAAATTTCTTTCAGTA AATCATAACTTGATAGGCA
39722901 F 0-20:C>T-20:C>T	TGCAGCTCCACTACTAGGCTCGAAAGGGTGTGCGAGGTTGCACACCGGGA GAACCATTGAAGTGAATTA
39723767 F 0-25:G>A-25:G>A	TGCAGTAATGTTCTAAATCTGAAACGACAATCATTGCTAGTTTATATATC AGCTGACACTTATCTGACC
39713976 F 0-23:T>C-23:T>C	TGCAGAATATACTATTTGGCATCTGTATTTGAAAATCACTCCCAAACCCA TGACAAAACCACCATAGAC
39715441 F 0-8:T>C-8:T>C	TGCAGCACTCATGGATGTTTGCATTTCCAGCCTCCATTCATGATTTCCA GCGATTTGCAATGTGAGA
39720813 F 0-8:T>G-8:T>G	TGCAGTTATGCGGCTAGCTTTCAATTTTCACATTTAC
39718501 F 0-45:G>A-45:G>A	TGCAGTGTGGTGGACTCACCTTTGGAACAACCTCATGACTTACCGGGATGT TTCAATAGGTACTACTGCCT
39723547 F 0-58:A>C-58:A>C	TGCAGGTAAGTCTTTTGGTCAAGTACGCTAAAATTGTAGACATGTTACAT TTTTTTTTATAGCTTCCAA
39715165 F 0-56:C>T-56:C>T	TGCAGATTTAGCAAAGATTACTCCCAAGATTTTCTCTCTGCAACAAAGC TTCTATCCAAGGAAGCCAT
39718253 F 0-57:A>G-57:A>G	TGCAGTGAAGTCTATAGTTTCTTTGTACTTTTTTCCCCTTTTTTTAGACTG AAAATTATTATTGTCTTT
39714835 F 0-5:A>T-5:A>T	TGCAGATATTCATGCATTTTCAGCAGCCTAATCTTTGTCATCACAAGATC TACAAAATTTCAATGAAGA
39724562 F 0-14:G>A-14:G>A	TGCAGAAAAAAGAAGAAAGATCCCACAAATTCTTAC
39717116 F 0-19:A>T-19:A>T	TGCAGGCCAGGACGGTAGTACTCGAAATTCACGACGTCGTCGTGGTTTCG AATAGTGGGACTGAATCAA
39726698 F 0-54:T>C-54:T>C	TGCAGTGAAAAAATGGTAAAACAACATTTTTTTGTTTTTTGTTTTGTGTTT TTTTTGGTTGAAATGCAC
39714228 F 0-7:T>C-7:T>C	TGCAGACTTTTCGGTATTTGCAGACTCCTCCAACCTTGGCTTTCATCATAA ACATAACAACACTCAATAA
39715402 F 0-49:G>C-49:G>C	TGCAGCAATTTTTCGGAAAAGTGCCTGCAAAGGGAAGGGTTGGCCATTA GAAAGACCGTAAAAGAATAC
39724625 F 0-42:T>C-42:T>C	TGCAGAACCCAACCTGGATGGAGGACTGACATTTGACACATTTAGGTCA CGACTTAC
46754244 F 0-22:T>A-22:T>A	TGCAGACTGAGCAATCCATATATCTCTCTCTGTAGCTTCTCTTCTTCAA AGATAAACCCAAAAAAA
39715532 F 0-36:A>G-36:A>G	TGCAGCAGCAACCGATGTCATTGCCTGAGACTCTTCAGCAGTCCATATAT TTTTCAGAAGCTCATCCAT
39717315 F 0-24:A>G-24:A>G	TGCAGGGCGGCGCTGCCGATTTCCAAGAGAGTGAAGGATTTGATCGGAC GGCTGACATTGCAAGAGAAG
39724881 F 0-33:C>A-33:C>A	TGCAGCAAGTCTTGCTCGTGTGAAGACTGCTTGCTACGTTTCGTTACCAC TTTTAC

39729152 F 0-12:T>A-12:T>A	TGCAGCTTGAGCTGCTGGGTGAATATCCCTTGCTATTGAATCTGCTCCAGTTATCTCATCTATAGAAGA
39721411 F 0-56:C>T-56:C>T	TGCAGAAGGTAAGCTGCTATAATACACTGTTATATTGTTATTGTAAAGGA GAAAATCAGAAAACAAGTA
39719436 F 0-34:G>C-34:G>C	TGCAGAAGTTGGGAATTCATCTAATTCTGCTTGGGATTTGAGTCTTTGAC GCAATCTTAC
39718927 F 0-64:G>A-64:G>A	TGCAGTTTGTCACTACCATGCATATGATTACAATTATTTGAAGCAAACAT CTAAATTTATGACGGTGGG
39716505 F 0-6:T>A-6:T>A	TGCAGCTGTGCTGGCTGTGTGGGTTCCGTGTCCATGGATGTCTCGTGCGG ATAACCAATCGTTGGCTAG
39721166 F 0-64:C>T-64:C>T	TGCAGAAACAGGAACATATAGATGGATGGCTCCAGAGGTGCTTTTTCTTT TTCTTTTTCTTTTTCTTTT
39725641 F 0-10:T>C-10:T>C	TGCAGAATTGTGTATGCTTTTGTTCATTTTTGTTTTGGTTTAGGGAAAGGG AATTAGAGGATACAGTTA
39720297 F 0-37:T>G-37:T>G	TGCAGGAATTCTCGAACCTGGAGGCATCACTATCAGTACTCCCGTTTGT ATTTGTTAC
39716516 F 0-23:G>A-23:G>A	TGCAGCTGTTGGTTGTGATTCCGGCGAGGGAGCAGTGTAGGCGCGGGCT AGTGCAATTTGGGTTGGTTT
39718194 F 0-41:A>C-41:A>C	TGCAGTCTGTGACTTTGAGTGATACATCTTCTTTGGTGGTGTATGAAATCA TAAATCTGTCTTCTGCA
39718222 F 0-68:T>C-68:T>C	TGCAGTCTTTGCTTCAGAAAAAAAAAATCCCACTTTTTTTGTGCAATGAT AGGATGGATACCTACGTCT
39723795 F 0-13:G>T-13:G>T	TGCAGTACGTGAGGTCTCTCGTAAAAACACATTATTTGGAATTACTTGAA CAAACCATGCACCACAAGC
39725100 F 0-22:A>G-22:A>G	TGCAGGCACGACAACGTGTAACAAAAAACACTTAC
39713571 F 0-8:G>C-8:G>C	TGCAGAAAGTGGAAGAACAACAGCGCCACAAACCCTAAGCCGATGT GAAGGACAGAGAGGAGGGGAC
39723091 F 0-37:C>T-37:C>T	TGCAGCTTTTGCAGAGGAAGCTCAGCTAATGCCATCACATGGCAGGGAG ATGCAAAAAACTTTGGCAAA
39725674 F 0-10:G>A-10:G>A	TGCAGACGCTGCCAATTATTCGAGCTTGTTTCATCACCAACTTTGTGTCTG AAATGTCCTCACAAACAAA
39720023 F 0-9:T>A-9:T>A	TGCAGCCACTCGTGGTGGATTTATTAC
39724730 F 0-10:A>G-10:A>G	TGCAGAGAGAAAAACCGATGGAGAGAAGGCAATGGATTCACGGAAAT ATTTACCTTAC
39721087 F 0-58:C>A-58:C>A	TGCAGGTGAGGACTGGATATTGCAGTTTTTAGATAGTGCTGGTATTTTTT ACCCTCTACGATACGTCTA
39717402 F 0-15:C>T-15:C>T	TGCAGGGTTGAGGTGCCGAATCGATGTTGGAGTTGTCAATGAAGAAAAT GGACAGGATCATTACTTCG
39720252 F 0-5:C>T-5:C>T	TGCAGCTTTGGTAATCAGACGACAGATTTGGATATATGAATATATGAG TTTAC
39721951 F 0-64:G>A-64:G>A	TGCAGATACACTCCCAGCATGCAGATACATCCCCATCAGAAGGCCCAAG TCGAGGCCGAAGATGGCGTT
39724875 F 0-28:T>C-28:T>C	TGCAGCAACGAAATGGCCAATCAGAAATTATCTGCAATCTTCTCGCTAA GATAATTGTTAC
39715992 F 0-48:T>C-48:T>C	TGCAGCCGCCTGAACTAATTCAAAAGTTTTTCGCCAGCATTTCCTCAAATTT TACCACTATAAGAACAGCG
39726941 F 0-29:T>C-29:T>C	TGCAGAAATAGCTTTTTCATTAGAGGATACTTGTTTCATTTTAC
39713257 F 0-51:G>C-51:G>C	TGCAGAAACGGATCGAACGACAGAAGAAAACAGAGTCAGTTCTCATTCT CTGAAGACAATAACAAAGGG
39717205 F 0-19:C>T-19:C>T	TGCAGGCTGGTATAGAGCCCGCTTTTGTCTGTTTTTCGATTGTCTCTGAA GAGGAGATGGAGAGGCGCA
39714706 F 0-44:C>T-44:C>T	TGCAGAGTTGCAGCCATTATGGGCTGCAAATTCACGTTGATAGCGCGT GAAATCTGACTTTTTTTTTT
39724928 F 0-17:G>C-17:G>C	TGCAGCATATTTGCCCCGATTCGGTACTTATACAAGAAACCAAGAAGAC CTCCTTTAC

39714787 F 0-54:T>C-54:T>C	TGCAGATAGACTAGACCTGCACTGACTGCGTTTTGGACATGAATCCGAAAGGTATGAATGCCTGATTGT
39713938 F 0-40:C>T-40:C>T	TGCAGAAGTCTTAGACATATTAGGCCATCATGTATCAAACCATAGAACAAAAAAGGGAAACTCGTAA
39716264 F 0-33:C>T-33:C>T	TGCAGCTACTGAATCTTTGGCACCATCAGCTACCGTAGTTGTGCAACACGGTTTTTTCTCCAAGGAAGA
39716456 F 0-46:G>A-46:G>A	TGCAGCTGCTTTACTTCGTTATTTTTCTATATTCATGCATGTGATGGCACACTTTTGACCCCATGATT
39720744 F 0-23:A>G-23:A>G	TGCAGTGGAAAAGTATCGGAGGCAGAGGAAATGTTAC
39727454 F 0-20:A>G-20:A>G	TGCAGAGGTATGTACACATGATCTTATACCCCTTTTGTAATTCATACATCAACGAAATTGTTTCTTAT
39719508 F 0-6:C>T-6:C>T	TGCAGACATACAAAGACACCAAGCTCTTATATAAGATATGCGTACCTTAC
39722934 F 0-35:G>C-35:G>C	TGCAGCTGAACTCCAAGCCGACGATCACTAGCAATGGCAAAGCAATTCTTCCCCACCATCGCAACTACG
39723929 F 0-29:T>C-29:T>C	TGCAGTCATGGAATGTCAACATAACATACTGTGGATGATTCTTCGACAGAAAGATCGAGATAATACAAA
39717670 F 0-16:T>C-16:T>C	TGCAGGTTTCATTTTCTTTTCGCCCTCTGCTAGAATAAAATGTTTCTGAATTTATTGTTGGCAGGCAGC
39713378 F 0-66:C>G-66:C>G	TGCAGAACTGCTGATCGAGTTTCTCAAGATTCAAACTCAAAAACTGGAAGACGAGACTTGAATGTCCA
39718509 F 0-39:A>G-39:A>G	TGCAGTGTTTCGCTGCTGCAAGAAGAGAAAAACAACAAATCAATAAA
39726521 F 0-15:G>T-15:G>T	TGCAGGTCAAAAATAGGACCTCCAGTTTTCAATATCCTTTGTTCAAAGAATGCACTGTTGGGAGAAA
39716298 F 0-26:G>C-26:G>C	TGCAGCTATTGTAGCAAAATGAGCTTCGTAGTTGGTTTTTCCAAGATATAATGGTTTGTAGGAATAGTT
39716344 F 0-30:A>T-30:A>T	TGCAGCTCCTGAAAACAAAAGTGAATCAGCACCTGCTGCGGTGTCGAAA
39717712 F 0-42:T>C-42:T>C	ACTGATGGAGAGGTTGCTGTGTTTCTACGAAAAGATTT
39728688 F 0-62:G>C-62:G>C	TGCAGCGAGCATATCCTAAAAACATTTCAAATCAGAACAATCACCAGTGAGATTTTTATATGTTACAG
39713471 F 0-35:G>A-35:G>A	TGCAGAAAATTCTAAAGTGTTCATGAGCATCATAGTAATTTGTAGGAAAGAGATTTTTCTTCAAATTC
39724813 F 0-27:A>G-27:A>G	TGCAGATCCTGTACTGCCATGGTTGTGAATTGTGTTAC
39722497 F 0-60:A>C-60:A>C	TGCAGCATAAGTTTGACCATTCTCTTTGAATTTTCAAATGCTCTCTTCAC
39719476 F 0-24:G>T-24:G>T	CACAGTATGAGCTCCCAC
39716884 F 0-55:G>T-55:G>T	TGCAGAATTATCTATTGGGTGTGTGCTGTTAC
39725578 F 0-15:C>T-15:C>T	TGCAGGAGACGGTAGCAACTGTAAGCCATGGCATATGCAAATGGTACC
39726442 F 0-41:G>A-41:G>A	TGAAAAGGCCAGTGCCCTC
39716904 F 0-24:T>C-24:T>C	TGCAGAAGACTGCGACAACCTCTCTAATTGGTGTAAAGTTCAAGCGCGTGTATCCGTATAAATGGAATA
39720462 F 0-41:T>G-41:T>G	TGCAGGCGGCTGATAGAGGAGGTGAAGGTGGAGATGAGAAAGATGACCGGCGGAATAGGGTTTGGTACT
39722573 F 0-58:A>G-58:A>G	TGCAGGAGCATTGTTGGGGCAAATTATTCAAATCTGTTTTTGGTATTAGTAAACCTCAAGTTTATGCT
39722981 F 0-8:G>C-8:G>C	TGCAGGGTGGTGATTAGAATCTTTGACCTTTTGGTCAAGAATATATACTTAC
39721416 F 0-10:T>C-10:T>C	TGCAGCATTTTCAAACGATAATTTTCATTTAGATCTGTCTATTTTTGTTTGGACAATATTTGGCTGCA
	TGCAGCTGGCTGACATAGCCATTGGTTACTTTGGAAATATAACTCCACAA
	GAAGAATATTCACATCAA
	TGCAGAAGGTTCAATGCTCTTTCGGTTTCTATTTTGCATACACGTGCTTCGTATTTTTCGTTCTGATCTG



39721993 F 0-44:T>A-44:T>A	TGCAGATCAAGAGGTCACCGGTTCGAACCCGGTTGGGCCCTCTTTTTTCA TCTTTTTTTTAC
39727728 F 0-54:T>G-54:T>G	TGCAGGGCATCCCCAAGATAAATCAAACACATCTAATCAAAACAGAGAA GCGTCTCCTTTCAAGAAGTT
39716384 F 0-6:T>A-6:T>A	TGCAGCTCTTGGCTCGAACGACAGGCCATTTGACTTCCCTACGCCATAC CGTATTGAACCCACCTGCG
39724350 F 0-31:C>T-31:C>T	TGCAGTTGGACGACACAATAATTTCTTCACTCAGTGCAGTTATTGGATGA AATCATTTTTGTAGGTTTG
39715775 F 0-66:T>G-66:T>G	TGCAGCATTGCAATATAACCTTACTCTAGGCAGGAAGGACCTAAGCAAG CGCTCTCAACTCGAAATTTT
39723392 F 0-58:C>T-58:C>T	TGCAGGCTCCAACATGCTCCAGTATCCTCATACATTTGCTGTCCACGTA TCATCAGACGCAGATGTGC
39714110 F 0-64:C>T-64:C>T	TGCAGAATTTTGTAACTTTTTTGGTACAAAATTTATTTTGTGTATGAAA ATTCAGATTTCTACTCTA
39722139 F 0-66:T>C-66:T>C	TGCAGATTAGAATGTTTCTTTCTCATATCATATCTAAAAATACTGTT GGACTGCCATAGCGGCTCT
39726481 F 0-34:C>T-34:C>T	TGCAGGGGTCATGCAGCAAACCTTTGCAACAGAATCCCAGTTGAACAGAG ACTGATCAGATTACCACAAA
39713670 F 0-53:A>G-53:A>G	TGCAGAACAGCACGCTTTGGTTATCTCGGGTTCAGCCATACATACATACA TAAATTATCATTATGTTTG
39717436 F 0-41:A>G-41:A>G	TGCAGGTAATACAATTCACGCTAGGATATTCACAAATAGGGAAAAAATA GTGATAAAAGAAGGAACATA
39720281 F 0-19:A>T-19:A>T	TGCAGGAACCAAAATTCCAAATCCATGAATCACTATCATTGTGTTAC
39721538 F 0-25:A>T-25:A>T	TGCAGAATTTTAGTTTACAGTACAACTTTTCACGAGCACGTGTTAGGAT TTGGGCAGTCTAGATGACA
39718459 F 0-37:A>T-37:A>T	TGCAGTGGTTATACTTTTCAAAAAAGATATGGATCTTATATAAGGCAATA ACATTCTATCATGTTTACA
39722048 F 0-67:G>A-67:G>A	TGCAGATGAAAGTATACTCATTATTATGTTTCAGAGTGAATAGATGGAG AAATAAGCGGTAAAAGGAGG
39721555 F 0-5:A>G-5:A>G	TGCAGACAACTAAGATGAACTTCAAGGCTATAAAGATCCTTCCAGAAGA CTTCCAAGAGATACTCCTAG
39715486 F 0-34:A>G-34:A>G	TGCAGCAGAAGTTTAGAATCAATAACAAAACCCCACTTGTA AAAAATGA TAAAAAGACATTTCTATGTA
39715927 F 0-17:C>T-17:C>T	TGCAGCCACATTCGAGCACACACACCAGAGGAAAGATACATTCTGCAA TCGAATTAGTTTTTGTGCA
39720868 F 0-12:A>T-12:A>T	TGCAGTTGTGACATACAGTAAATTTATACTTCATAATTGGTTAGATTGGT TGAATTCTTAC
39721823 F 0-26:A>G-26:A>G	TGCAGAGCTGTTCTGCCTCACCGAGGAATGCATTTTTAGTTGATTTATTA CTTTGAACAGTTCGTTGAA
39724925 F 0-46:C>T-46:C>T	TGCAGCATAAGCCTTCTTCGGTAAGATGAGATGAGGGGTACACCATCGA TTTAC
46760754 F 0-25:T>A-25:T>A	TGCAGACTACGTAAGCTGATTGCTTTTCTTTTTTTTTTTTAC
39718867 F 0-51:G>A-51:G>A	TGCAGTTTCATGCAAAATGGCAACAAATATAAAAAGGTACAATCAAGAAT GAGTCTTGTGCAAGTTGGGG
39718906 F 0-56:T>A-56:T>A	TGCAGTTTGATTTCAATACAATCGATGCTGCTACTGACAATTTCTCAGAG GAAAACCTGGTTGGGTGAAG
39722467 F 0-14:G>T-14:G>T	TGCAGCAGGCGAGCGAATACCTTAGCCCACTGTATAGCTCGATTAGGAG CTCATTCCCTTGCGATTTTG
39716402 F 0-47:A>G-47:A>G	TGCAGCTGAGGTACTGGTGCTGAAATTCCTAGCAAGTTGTA CTCTTGATT GATATCTAAATTTATGGT
39717568 F 0-37:C>T-37:C>T	TGCAGGTGGTTCGATAGGATTTTGGTAGGTTGGGCGACAGCTTAGAGAG AGAGGAATGATGTGAGAATT
39715116 F 0-60:G>T-60:G>T	TGCAGATTCTCGTAAGTCTCTGTCTCTATTCTTTTGTATTTAGGGTTGTTT ATTTGAATTGTGTGGTGT
39714467 F 0-51:C>A-51:C>A	TGCAGAGATTCCATAGCGATGATCTCATTATAACTACACAAACCATCAC CCCAAATAATATATTCAA

39718708 F 0-13:C>A-13:C>A	TGCAGTTGAACCGCGCCGGTGGCTGGGCGACGGCTACGGCGGCGATGGC GGAGAAAACGAGGACTCTGA
39721531 F 0-13:T>C-13:T>C	TGCAGAATTTAGATGAAATCGAATTTGGGTTTATTCAGCGAAGGAAGAC TTCGGCTTGCAGTTGCATCA
39727191 F 0-22:A>G-22:A>G	TGCAGTAAATAGCCAAATTGGAAGCAGTAAGATGTGATTACAAATTCAA CAGGAATTAC
39717727 F 0-26:G>A-26:G>A	TGCAGTAAATCTTCTTCCCTCCCTTCTGCTTTGAATCCCATTCCAGACTTGA AGTAGAAAAAAGTTTACA
39712843 F 0-32:C>G-32:C>G	TGCAGCCGTGCTCGTGGATTGTGTTTGTGTATCTTCCAATTCCTTGGAAAT GGTGTAATGTATTGGCATG
39715740 F 0-35:G>A-35:G>A	TGCAGCATGGATCCTCCAACCTTCACTATTTGATGTTTTTCTCCAACAA AATACTCAACCATATATT
39726692 F 0-40:C>T-40:C>T	TGCAGTCTGTATCTGCTCCTTGAGGTTACGAATTTTCATCCCCATATTGTTT TTGTATTTGTTATGCTCT
39718081 F 0-27:C>G-27:C>G	TGCAGTCCACACCATTCCACTTGCTTGCTTTTCTGTTACCTCATATATATG TGTTTTGGTATTATACTC
39713298 F 0-35:G>A-35:G>A	TGCAGTGTATGCGAGCAGAAGAGCCTGGAAGAAATGGGCAAAGATCGG GTTTCGAAATTCGAGGCGAATA
39723075 F 0-32:T>C-32:T>C	TGCAGCTTTCTTCGAACCCTTCCACCGCCACTGCCTTCATCGACAAACT TCTGATTTCCATGTACCTC
39718756 F 0-42:A>G-42:A>G	TGCAGTTGCGACTATATGAATGCACAAAAAAGTAAACATATAATCAGT TTGAAAGGCAGAAAAACACAG
39715950 F 0-67:A>G-67:A>G	TGCAGCCCTCAAACTTCACGCCGTTGTCTGGTTCGAGATCGACGCCGCC GCAAGCCTTCTCCAGCAAG
39724424 F 0-44:C>A-44:C>A	TGCAGTTTCTCGACAAATCTTACTCAAATCATTCTCTGAAGTCATTTTC TGGACGTTTTATCTTTTG
39713837 F 0-17:T>A-17:T>A	TGCAGAAGCCAATAAACTAAAGACGAGACTTGACTCTAAGCAGTGATGT GCTTCACAAAAGGAAAATGA
39717958 F 0-65:G>A-65:G>A	TGCAGTATGTTGCTTAGTGAACCTATTTTTAGTTCGAAACTGTTCCAGAT GTCTTTCCTTCCATTGGTTG
39717561 F 0-37:C>A-37:C>A	TGCAGGTGGGTAACCTGGCAACCAAGTTCCTGTCGTAACGAAAAGGCAAA GCCATCATGTAATATTAGGC
39728026 F 0-45:T>A-45:T>A	TGCAGCCTGCAAGAATAAATAATCAGTTGTTGATAACAGTAATATTACC AAATTTTAC
39715948 F 0-9:G>A-9:G>A	TGCAGCCCTGCCGCCTAGTCCACCAACAATTCTAGCAAAGAGTTGCTGCT TGGAGATCAGGGTTGGATC
39717266 F 0-22:T>A-22:T>A	TGCAGGGACATTCAATTGCCAATCAGAAAACCACATATAAGCCACAGTT TTTATTCTTTGAGCCGAAAT
39718834 F 0-48:G>C-48:G>C	TGCAGTTTACTTTCTTGGTTTCCAAACAGTAATGATCCAACACACAACGT TCTAATCATCTCTCTCTCT
39719864 F 0-33:T>A-33:T>A	TGCAGCAACGGATCAAACAACCTTATATATATATTTTTTTTATTTAC
39713346 F 0-49:C>T-49:C>T	TGCAGCTTTTCTCGAGGAGTTTGGGTTGCTCAATCGAGAGTCGTTTGCTC GATGGTCAAGGAGTTCCTT
39715202 F 0-24:G>C-24:G>C	TGCAGATTTTCAATTTTGTACTTAGTATTCTCCATGTTACGAATTTCAATA TTGCATCACACACTAATT
39726045 F 0-13:G>T-13:G>T	TGCAGCAGCAGCAGCATCTTCATTCTTTCCTCTATCCCAATTGTCACCAC AAAATCAAACTTCTCAAT
46753863 F 0-58:A>T-58:A>T	TGCAGAAGAAGCCATACGTATAAATAAACTTTTCAATCATCTTTAGTCCA GTTGGAGTAAGGTGGACAT
39717229 F 0-64:C>T-64:C>T	TGCAGGCTTGCACCAACAGCGGCAGAGGCTACTGTTGTAAGTTGGGTA AGTTCAATAATTATTCGTTA
39720224 F 0-31:T>C-31:T>C	TGCAGCTTCCGTCACCTTGACTCCACCATCATTGTATGGGTCGTTAC
39718923 F 0-39:T>C-39:T>C	TGCAGTTTGGTTTTTATCTCTTTCATTTTTTACTTCTTCTTCTTCTCATCA TCATCATCATCATCTCT
39715657 F 0-5:C>G-5:C>G	TGCAGCATAATGATCTACATGACAAAAGCTTATTCATTTACATCAAATAA TGAAGCTTGGTTGACAAGC

39716288 F 0-21:C>T-21:C>T	TGCAGCTATCTGCTTTCTAATCGTTATTCCCAAATCTAATAATTGAAGGATCTCTTTTCGATCATGCAA
39717599 F 0-8:T>A-8:T>A	TGCAGGTTTTTCATGGCATCATATTTCTTTGTACCTTATATCAATTCAAATGTTAAAAGCAATTTTTGGTC
39713630 F 0-27:G>T-27:G>T	TGCAGAAATTGATGAAGTTGAAACCCAGAAAGAATCTCTTCTCACTTAGTATGATATGATTGTTTGTTA
39719317 F 0-25:A>T-25:A>T	TGCAGAAAGGCAACAAAATAATAATAATTATTATTAC
39722013 F 0-59:G>A-59:G>A	TGCAGATCCACACCAAAAAAAGGGTATTACACTACTTTGTTATTTCTGAGAAACGAATTTTACT
39725026 F 0-24:T>A-24:T>A	TGCAGCTGTTGGTGAGGCTGCATCTGGTATTATATTTTCTCTTATGTTTAC
39717369 F 0-29:G>A-29:G>A	TGCAGGGTAATGTGGGAAAAATTTCCAATGGTATAGAGTATGAAAAATTTCCATACTACCTACCTCA
39715616 F 0-65:G>A-65:G>A	TGCAGCAGTACCAGGAAGTTCCCTTCTGCACGAGCGATTTTTTCTAATAGAAAATAAAAGAAAAATGTTA
39715251 F 0-30:G>C-30:G>C	TGCAGCAAAGAAATTAGCAACACAAATTTGGTCGTAGCGAATTCATGGTAAGGTATCATGAGAGTGTTCC
39723369 F 0-63:A>C-63:A>C	TGCAGGCGCCTGAGGTCATGGCCTATATAATCAGCAACTCGAGATAACAGTGTCTAATTCAAAGTTAC
39729562 F 0-32:T>G-32:T>G	TGCAGAAGAATTCGAGCGCCAGATCTCTTCGGTCTTGTTCAACATCATCTGGGTACTCATTAC
39716736 F 0-14:A>G-14:A>G	TGCAGGAAATAATGACAACAGTACTAGAAGTGTATAATTGTTGTGGTGTCCATCGTTTTAGCCATCAT
39717660 F 0-45:T>A-45:T>A	TGCAGGTTGTTTTCCCTCTGAAGATAGTCTGCTACCATTTTCTACTTGTTGTAGCTTGCAAATCTAGTG
39716433 F 0-28:G>C-28:G>C	TGCAGTGCCTATTCACTATCCTCCTACGAGTCTACGACCGTGACAGTTGGGCTCCTCCCATGTTGTTCC
39728857 F 0-63:A>C-63:A>C	TGCAGCAACTACAAACAAGCCAAAACATAATACTTCAGAACCCAATAAAATAACAAAAAACTTAC
39728697 F 0-58:C>T-58:C>T	TGCAGAAAAGCGGCAGCTGAACCACAAACGCCAATTTTGCATCGAAAACATTTTTTTTTTTTTTTTTTTT
39713481 F 0-48:T>C-48:T>C	TGCAGAAACAACATGTACCTGGCCTCAAGGAGAAGTGGAAAGTCAACTTCACAATAAAGAAAATATTC
39714726 F 0-52:A>C-52:A>C	TGCAGATAAAAGACAGCTAATATGTCATGGTTTGAAAAGAAATTGAGTCCATATTTGAATAGACCTAA
39717166 F 0-64:T>C-64:T>C	TGCAGGCGGACTCCATGGTACAGGCATCAGACCAAAAACAGGAAACGCTTATACAACCTGTAGAGTAAGT
39717277 F 0-24:G>A-24:G>A	TGCAGGGAGCTTGAGGCCCTTGAGGAGTGAAAGAAGAACGCAAGGTGGGGCCTTGAAGAACAGGCAGAG
39713570 F 0-46:C>G-46:C>G	TGCAGAAAGTCAAATTTTGGCAAGACAGGAAAAAAGTGCAATTTGGCTCCTGTATAAACTGAAGGGGTGT
39716690 F 0-48:G>A-48:G>A	TGCAGCTTTTGGATATAATCCATTTGAAAATTATTTCGACGTGTCGTTTGCATGTGATATCGAAATCT
39717593 F 0-67:A>G-67:A>G	TGCAGGTTAGAAGGAGAAATATATATATTAGAATGATGTACAATTTGGAATGACATGTGGATTTCTTGAA
39721942 F 0-43:T>C-43:T>C	TGCAGATAATACCGTTGAGCATCAAGATCAAGCACTTCGGTTTTTTTTCTTTGAATGAAGATTGAGGAC
39714984 F 0-47:T>C-47:T>C	TGCAGATGCAAGTTCTGCAATGAGGCTAGAAACCTGCAATCATAAATTGTCGGCCCCAGTTTAC
39724162 F 0-61:A>G-61:A>G	TGCAGTGTCTATCTATTTTCAGGAAACACATCCTTCAAGCCAATCTATCTAATTTTGAAAATAACCAAAA
39728125 F 0-64:T>A-64:T>A	TGCAGAAAACAATGGTGTGAAGAACATATGAGAAGAACAATCTTAGAAGTTATATTCACCAACTTACAG
39720135 F 0-27:T>C-27:T>C	TGCAGCTAGTGCGAGAACC GCCACACATACCGTTAC
39720644 F 0-41:G>A-41:G>A	TGCAGTCAACTCCGGTGGGATTTTGATTGAGCTCGCCGGTGGATTTCTCCGGCGGGTTTAC

39715145 F 0-37:G>T-37:G>T	TGCAGATTGGTGGTTTTTTGTTTGTGGGAGTGGCAAATGGGTCAAATTTGGTTGATTTTCGTATTGATTTT
39728136 F 0-45:C>T-45:C>T	TGCAGAAATTTTTTCAATGCCACTCTCTTTGATCGATCCCCTGAGCCACTAGTATTCCAAGAAATAATC
39716654 F 0-20:C>T-20:C>T	TGCAGCTTTTCATCTTCACCACCGTCTCTTCTTCTTCTCTCCCCCTTTTCATTTCCCTCAATCCTTCAA
39713717 F 0-67:C>A-67:C>A	TGCAGAACGACAATGTCCCACAATTTAGAAAGTCAAACCCATGAAAGTGGTGGTTGCTGATTGCCTCT
39721103 F 0-64:A>G-64:A>G	TGCAGAAAAAGAAATGGGTGTGTCTGTGATTTTTATAGAGAGGAGAGAGAAAGAAGAGAGAGAAAGAAG
39724638 F 0-23:T>C-23:T>C	TGCAGAAGACCTGGCCCTTGCAATGTTAC
39716557 F 0-25:T>A-25:T>A	TGCAGCTTCCAAAATTATATAATAATATGGCCTTTTGGGTCCATGCAAGA TGGTTTTGTGTTTTATTTT
39727500 F 0-47:C>T-47:C>T	TGCAGATTATAAGAGCAAATTGTGCATCATAAATCTACTATCCAGAGCTC AAAACCATAGCAAGGAAAC
39715460 F 0-44:G>C-44:G>C	TGCAGCACTCAGATAAAAAGTAATTCCAACATTTATACAAGACAAGATAA CCGTTCTATTCAAAGATAAA
39716778 F 0-52:C>T-52:C>T	TGCAGGAAGAGGAAATTGACAAGTCTAACCAGAACTGAAGAATGCTCT TTTCTGGTTAGACTTGCAA
39718076 F 0-65:A>G-65:A>G	TGCAGTCCAACAAAATTGCAATTTCTTACTCTGTTCTCCTGCTGATTA TTTCATATCAACACTAATT
39718187 F 0-51:C>G-51:C>G	TGCAGTCTGCACTCACAAATGCCATATCCATATAATAAACCTTTTTTCTTT CTTACATTACACGTGGGT
39718260 F 0-47:T>C-47:T>C	TGCAGTGAATCGACGTTACGTTGTTTCGGTTTCGTACCCTTATTTTCTATC GAGGCAGCCACAACAGCA
39721676 F 0-11:G>A-11:G>A	TGCAGACTTCTGGCCTTCGGAGACGTGGGGCAGAGAGGCAAAAGCAAA GCTCTGTATGGAAATATGAAG
39727501 F 0-64:G>A-64:G>A	TGCAGGTTATAAGAGCAAATTGTGCATCATCAATCTACTATCCAGAACTC AAAACCATAGCAAGGAAAC
39721125 F 0-63:C>A-63:C>A	TGCAGAAAACAGATTTTCATAGCGTCTCTGACAATCCGAATAAAGGATTT GTCATACCAGTAGGCAGAAA
39714059 F 0-62:G>T-62:G>T	TGCAGAATGTTTTTTTATCCCAAATGTACATATAATTTGTGAGCTGCCT ATTACAAGATCAGAATTTT
39715768 F 0-25:T>C-25:T>C	TGCAGCATTCTCTAAATAACCAGCTTCAGTTTGTATAAACAGGGTGCGA ATCTGGTGAAATGGGATTG
39720822 F 0-20:G>T-20:G>T	TGCAGTTC AACAGCCGCCATGTTTAC
39717914 F 0-34:T>C-34:T>C	TGCAGTAGTCACCCGCAAGGTAGCTTTCCGGCGTTGATTCAGCGACTGTG CGTGAGTACCGCGTGTAC
39725000 F 0-12:A>G-12:A>G	TGCAGCTATGGAAGCTTTAGATTTTTGGTAGAACAAATCCATGGACATGCA CTTAC
39725357 F 0-39:G>A-39:G>A	TGCAGTTATGAAATCAGAGTAAAAAACTATAGTTTATAGTTCCAAAAA GGATAATATTAC
39716762 F 0-53:G>C-53:G>C	TGCAGGAACTAAGGCACATTCCGAACAAGCTGAGAAGATGAATGATATA CACAGAAATGAGACGACCAA
39726790 F 0-50:T>A-50:T>A	TGCAGTTCCAAATTCCAATATAACTATACGAAGTAATTCCAATAAAAAAT ATACTTTTACGTGTAATTAT
39713679 F 0-12:T>C-12:T>C	TGCAGAACATGATGTTTGAAGGATGTGAAAGTTTGGGACTTTCATTTGC CAGTCTCTGGCAAGGCAGT
39718335 F 0-15:T>A-15:T>A	TGCAGTGCAGAGAATTATGCGACTACACATTTAGTATCAATCCATGTGA ATAGTGAATAGAATGAATA
39722359 F 0-51:A>G-51:A>G	TGCAGCACCTCCCGCTGCCGGAGATAGACCGACGACCCACCGCCGGCC CGAAATCTCCGCCGTGCAG
39717890 F 0-13:A>G-13:A>G	TGCAGTAGCAGTAACAGTAGCAGTAGCAGCAGCAGCCAGCCATAAAT GCAGACCAAGCAACCAAGC
39729113 F 0-56:G>A-56:G>A	TGCAGTTGATTATAATCCATTAGTAGTTGCCATCATTGTCTGATAATTGG AAATGAGATTGGGTTACAG

39718283 F 0-65:G>A-65:G>A	TGCAGTGAGCGTCAGTAATCATGCAGTAGATGATGTGATTACTAGATTCCCTATTCTCAAATGCCGAGA
39716437 F 0-42:G>T-42:G>T	TGCAGCTGCCTTGTGTTTGCCTTTGGGCTAAAGCCATAGTTGCCTTTTCTGGGTCTATCTCCTCGCAG
39723649 F 0-59:A>T-59:A>T	TGCAGGTGTTATCAACCAGTACTATCAAAAAGTAATTCAATCCATTTGCTTCAGTATTTATGCTCAATA
39716921 F 0-61:A>G-61:A>G	TGCAGGAGGATTGAATCCGGATTTCACTTGGTACCTGTTTATCACATTTATTTCTAATTTGAGCGTCCT
39716644 F 0-33:C>T-33:C>T	TGCAGCTTTACTTTCTTTTCTTTATGGAAATTTTCGAGTGCAAGTCTGCACTGACATTTTCTTTTTATAG
39718085 F 0-49:T>A-49:T>A	TGCAGTCCATAGGGATCTGTGTATTTTGAGAAAGACCACGTCTTTTACTTTCCCTAAATCCCCACCACC
39718658 F 0-7:T>C-7:T>C	TGCAGTTTGTAATAGAACTAGAAGAGCTAGAATAGTATTCAAACAAAAAAGGTAAGAAGTACAATAA
39716246 F 0-17:T>C-17:T>C	TGCAGCTAATTCCTTCCTTGGTTTCGGTACCACGGGAGATCTTGCTACTCGTAAGAGGGAGCTAGCGGC
39718247 F 0-39:T>G-39:T>G	TGCAGTGAAGAACAGAACAATGAATCGCCATGGAAGAGGTACGGAAGACGAAGTTTGGAGTAGAACTAT
39717469 F 0-59:C>T-59:C>T	TGCAGGTATATATACTTCAATCCTATGATGGCAAATACATATGTACTTGTCCCTTACATCTTACTTACC
39721557 F 0-30:A>T-30:A>T	TGCAGACAAGCAACAAAAACCCAAGTTGCAAACATGAAAAAACTTGAATCAACTAACGGAGGATGAT
39714358 F 0-30:T>A-30:T>A	TGCAGAGAAGCATGGCACCTGCGCAGCTCCTGTAATCATAGGCGAATATGATTACTTCACCACAACCCT
39724659 F 0-23:A>T-23:A>T	TGCAGAATAATTGCGTTATTGATATGAGAAGGTAAGGCCAATGCCTCTATGGCTTAC
39718602 F 0-41:G>C-41:G>C	TGCAGTTCAAAGAATCTCAAGAAAAGGATGACAGTTTTTCTGCTTGTGCTCAAAAAGGGTTATGCAGGTA
39726350 F 0-65:T>C-65:T>C	TGCAGCTTTTTTTGGGGTTCAGATGAGATTCTTGAACCTTCCATTTCTTATAGCGGTACTGATTTTAC
39716008 F 0-36:T>G-36:T>G	TGCAGCCGGTGTGGTGACTCTTGTGGCATAATGTTTTCTCACAGGCGAATCGCTCTATTTTGTGGAAG
39717915 F 0-47:G>A-47:G>A	TGCAGTAGTCAGATATGCCTCATTTTCATCAAGGGAAGACCTGTTGAGCATGAAACGTTATTTATTGGG
39718211 F 0-26:C>T-26:C>T	TGCAGTCTTCTCCCTTCTCTTTTTTCCCTTTTCAGAAAAGAAAATAACGTCTGTTTTCGGTTAC
39721787 F 0-57:T>G-57:T>G	TGCAGAGCAGAGAAGAACCCTGTAAGTTTTATGTCTCTGATAGAACTCTCTATTGATCGTTTTTGTG
39713361 F 0-44:C>T-44:C>T	TGCAGTACTTTCTATCATCTTTTTCATCTTTATTGAGATTTGTAGCTCGACTTGGGACTCTATTCTTCAA
39714035 F 0-66:G>A-66:G>A	TGCAGAATGATGGTCAAATAAACAAATCACTATCACACTTTTGAAGGTTGGTGTTTTTATATAACAGGT
39717814 F 0-63:C>A-63:C>A	TGCAGTACAACATATGATGGATAGAAAACAAGATCAGACAAAGATATGGCGCACCATAAGGAACAAGAA
39714569 F 0-51:T>G-51:T>G	TGCAGAGGATAATAACAAGTGAAAATGGTTTTTCTTATTGAAAAGGTTGCATAAAAAGTGCTTTTGAAGA
39717844 F 0-65:T>C-65:T>C	TGCAGTACGACCTCTGTGTAAGGTGTGGGGCTGGGTGCTGTAGTGTTGGATATTAGTGGAAGCATAGT
46755915 F 0-66:A>C-66:A>C	TGCAGCTGCATTGCCAATTTAGCAAATACCAAATAGGAATTTATAAATTAATATTGAGGAAAATTCATT
39713738 F 0-34:C>G-34:C>G	TGCAGAACTTCGACATCGGCTTACGAGGGCCATCTCGGCGGCGGCGGC
39715126 F 0-50:G>C-50:G>C	GGTGGCAGCCATGGAAGAGG
39715126 F 0-50:G>C-50:G>C	TGCAGATTGAATACCAAATGGGCTGTGATCTTGCTATTCTAATCTTGCTGATGCACTGGTCAGCTCAT
39713435 F 0-58:T>A-58:T>A	TGCAGAAAAGGAAAACCCAGATTCTACGGGTGTGATTATAGGAATTCAGAAATCGGCCTCGGTTACGGA
39717729 F 0-15:T>G-15:T>G	TGCAGTAAATGTGAGTGCCTCACTCTTCTCACTATCTTATTCCTCATGAGCATAACATGCTCCACATA

39725261 F 0-43:G>C-43:G>C	TGCAGTCAAATGCTCTACCACTGAGCTATGGACCCATTGTTGGGCTATTGTTAC
39714082 F 0-13:T>C-13:T>C	TGCAGAATTCTTTTTCTGAACATTTTTGCTAAGTTATGCTACTGCCAATCA TTTCTTACTGTTTACGGT
39715484 F 0-22:C>T-22:C>T	TGCAGCAGAAGAACAAGATAGTCTCATCAACAATATGAACATGGGTAAC AATCCTTTCCTTCATAGAAT
39717488 F 0-57:G>C-57:G>C	TGCAGGTCACATGTTTTGGGCTTTTGGGCTTGAATCCCAATCCAATAAA TGGCCCAGCCCAGCCCAGC
39718235 F 0-26:G>T-26:G>T	TGCAGTGAAAGTCTTTGATTCTAAAGAATAGAAATCAAAAATTGTATTT GTATTGATTCCATTTAGAA
39720146 F 0-20:G>A-20:G>A	TGCAGCTATTTTATCACCTAGAATCTATGAATTATATATTAGTTCCCAATT AC
39721684 F 0-32:C>T-32:C>T	TGCAGACTTTTGTGTTTGGTGGAGTTTCCCTTCCATTCTATAGGACAACAGT ACTTGATAACTTTTAGAA
39718140 F 0-59:G>A-59:G>A	TGCAGTCGGTTTGTGTTGAAATGTGCCGAAGGAAGATCTACAGTCATTTGA AAGGATTCTGTTCCCTCATA
39720020 F 0-39:A>G-39:A>G	TGCAGCCACGTTGAATAAATTTTTCTCCAAGTAAAGATAAAGGAAAGGAA GCATTCATTTAC
39719335 F 0-37:C>T-37:C>T	TGCAGAAATGTTGAAAAATATATATTATAGTTTCTAGCCCAATTAC
39721093 F 0-20:A>G-20:A>G	TGCAGAAAAAATATAAATGAAAAACATGGTGGTATTTCCATTAGTTCT AAAAAATAATTAC
39721458 F 0-48:A>G-48:A>G	TGCAGAATAGCACCAACTGAGTGTCAAATTCCAAAGAGATTTTATTGTA GTCCAACTCTAAAGAAAATA
39722355 F 0-34:T>G-34:T>G	TGCAGCACCCCATTTGGGGACTTTTCTCAGTAACCTGGCAGACCAAACAA CGACAGTGTTATTGTGGTA
39717005 F 0-11:G>C-11:G>C	TGCAGGATGTGGCATGAAAATCTGGAATTCTTTGAATTATATATTTTGAA TGATTAGCATTTCCAGCCT
39716749 F 0-8:T>C-8:T>C	TGCAGGAATAAATGGCTAAGACTTTTCTCTTCTATCAGGCACGCACAGCA ACCATTGGGGACTTTTGGAA
39727187 F 0-22:T>A-22:T>A	TGCAGTTTTTCTCCGGTGTCTCCCGTCCGTCGTCGGCACCGGCGACAGGT CTTTTAC
46753970 F 0-52:G>A-52:G>A	TGCAGAAGTATATTTCTCTGATCTTTTTTCTCCCTTCTGGGTCAAATGTC TGTATCCTTACCCATGTA
39715240 F 0-66:A>G-66:A>G	TGCAGCAAACAGAAACAAGTATTATTGAGAGATTTTCATGTCAAGAACT AGAACATGTAACCACTCAAG
39715245 F 0-22:T>G-22:T>G	TGCAGCAAACACTACGGCCATGGATTGGCTTTCTTTCTAGCTCCAGCTGGGT TTCAAATCCCTCCCAACTC
39718028 F 0-51:T>C-51:T>C	TGCAGTCACATAATGGAGTTACTGTTGTCATAATAGATCAATATTTTTTA TTACAAAATATCATTTCAT
39728420 F 0-44:A>C-44:A>C	TGCAGTTTTGACTTCTTTGAAGATTTCCCTATTAGTTCGCCTCCTATTCTCT TTCCTTGCTTCATCCTTG
39717149 F 0-57:G>T-57:G>T	TGCAGGCCTTCCAAAATGAACCATTTTTCTGAGAGTATTTGAAGAGAGA GAGAGAGAGAAAAAGAAATC
39716175 F 0-9:T>G-9:T>G	TGCAGCGGCTCGTCCACGAGCACGATGGCCCTGCGCGATTTCTTCTCCG GCGAAAAAAGATAGATCTG
39718272 F 0-47:T>C-47:T>C	TGCAGTGACTAACTTGTTGACATTTACTTCAGCAATCCTTCCTTCTTTGAT AACTTTACAATTGAATT
39725399 F 0-7:T>G-7:T>G	TGCAGTTTTTGATCCTGTCCCTGTCAGACTCATGGTTAC
39727248 F 0-41:A>G-41:A>G	TGCAGTGTCAACTGTGAACCATCCATAGGGACCATCAACCTATGTCAGA TTAC
39728076 F 0-16:A>G-16:A>G	TGCAGGTTCCCTCGCTTAGTCCGGATGCATTCTGATGAGATGGAGGTTGAC TTCTTTAC
39714389 F 0-65:T>C-65:T>C	TGCAGAGACATGGAATATGGAAAGGATTCTATCGTTTTCTTTTGCTAAA GCTGTGAATCAGTGTTATC
39715912 F 0-11:G>C-11:G>C	TGCAGCCATTGGAAAGTGCGATCCGGTGCAACCTGAATGCTCGAATCCT TGGGAGAATTTTCGTACGCC

39716338 F 0-49:C>A-49:C>A	TGCAGCTCCCTGCTTTGATTTGTCCCGGTGTAACATTGGTGATATCTCCCC TTGTGCTACTTATTCAAG
39723705 F 0-47:C>T-47:C>T	TGCAGGTTTTGGGCCGGCCCAACTTCTAACCTAAATGAGGCCATTGCAT ACGGCTTATTTCCATTTTT
39725030 F 0-18:G>A-18:G>A	TGCAGCTTCCCTGTTGTGTCGCAAGGCCAGGCTGTGCAGCCTCAAATTAC
46756926 F 0-27:T>A-27:T>A	TGCAGTAACAATATAAAACAAAGACTTTGAAAAAAAAAAAAATAGACTTT TAGAAAAGTAGTTAC
39721326 F 0-6:G>A-6:G>A	TGCAGAGGAAATGGCATTGTTTGTGTATGTGGTTTTTACCTAGAGAGA CTGCACTGACGAATATTGT
39721439 F 0-48:T>C-48:T>C	TGCAGAAGTTCTATGGACAATGTACTGACAATGCTTCTTCGAGACTGGTT CAAATAAACAAAGAGGAACC
39714138 F 0-20:G>A-20:G>A	TGCAGACACAAAATTTACCCGACAATCAATTCAGATTGACACAAACTGC CAAACTAATAGAAAGGGCTA
39718052 F 0-64:A>T-64:A>T	TGCAGTCAGTAGAAGAGATCTAAATTAGAGGCCTTCAACTTCAACTGAC ACCAACCAAAAAAGCAACAA
39716680 F 0-25:C>G-25:C>G	TGCAGCTTTGTGTACCACAAAATAGCCAACAAAAAGACTAGCCATGTTA CAACACTTACGGTTCTAAAT
39719419 F 0-28:G>C-28:G>C	TGCAGAAGGCCTTGATACGGTAAGGAAAGAAATATATAGCCGTTAC
39716346 F 0-44:A>C-44:A>C	TGCAGCTCCTGCAACTTCAAGATCTATATCATAATGGACATCGCAAGGA GTAAAATTTAGCTCACACGA
39727021 F 0-9:C>T-9:C>T	TGCAGATACCCTGTAAAGAACAAACGTTCTTATCCCCATTTTTTTTAC
39719636 F 0-16:C>A-16:C>A	TGCAGAGGTAAGTTATCTTTTCTCTGTGTTAC
39714171 F 0-48:T>G-48:T>G	TGCAGACATCACTTTATTGAATCAACCCATAGAATAAAATAATATACAT AATTTCAAGTGACAAAGAAA
39714721 F 0-68:G>T-68:G>T	TGCAGAGTTTTGTTTCCCCTCCTTGATCTCATCATAGTTGAACAAGACAT GGTCTTTGGTGTAATATTG
39722125 F 0-24:C>G-24:C>G	TGCAGATGTCTTCAAACCCACCCACCAACCCACCCCACTCGCTCTCTGGC AAAGGACAAATAAGTAATT
39722310 F 0-53:T>A-53:T>A	TGCAGCAATCGCCATAATCTCGAACGCTTGACGCCCTGCACGGACCGTA TACGTACGACACGATCAGTC
39715227 F 0-57:C>T-57:C>T	TGCAGCAAACTACAACGGTATTCCATAAATCAATGGCCGTCCAGTTTA GATTATAGCGATACCATAACA
39718020 F 0-30:C>T-30:C>T	TGCAGTCAATCAAATAAGTGGTAGATATTCGATCTACTACATCTGTTTT TTTTTCCGCTCTATTTTTG
39717745 F 0-60:A>G-60:A>G	TGCAGTAACCGGCTTCTCACCTGTTTCCAAAAATTCAAGCCATTCAATAC GATTATTGGAAGTTGGTAA
39719535 F 0-10:A>G-10:A>G	TGCAGACTAGAATTTGTATGTAATTCTATTTTCATGTGACAAGTACTAGATTAT TAC
39721536 F 0-36:G>T-36:G>T	TGCAGAATTTCTGTCCAAATCAACAGAAATGAAAAGGGCAATTACCCA GAGCTAAAATCTGATTTTTT
39716373 F 0-48:C>T-48:C>T	TGCAGCTCTGCAAATTGGGATCGAAGGCGTCCAATGAATAGAACCATTG GGAGCCGCCATTGTTGGGCA
46757482 F 0-63:T>A-63:T>A	TGCAGTTATACTTTGGATTTTTGATACACTTCCAGCCATTTTTTTTCAA ATTCGTGGCTAGTCGAAA
39713842 F 0-52:A>C-52:A>C	TGCAGAAGCCTTTTGGACTTTGAGAGGTAGGCCTGCATCATCTCAATCTC AAAGTAACGAAGAGAATCA
39715103 F 0-65:T>G-65:T>G	TGCAGATTCCTCTTTACGACGTCGATTTCCGGCTCCGGCCGCCGCTCTG GGTCACTTTTCCGGCTCTC
39716015 F 0-9:G>T-9:G>T	TGCAGCCGTGTGTTGACTAATCAGACATATCCCTCCTGTTTTCTCCACTTT TCCAGCATAGGGCCTCTC
39726095 F 0-24:T>A-24:T>A	TGCAGCATTTGATTCTGAAGCTTGACGGTTTCAGAACTTCGCCATCTG GATAACTAGTACGAGTTTG
39713771 F 0-56:T>C-56:T>C	TGCAGAAGAAGGAGAAAATGGCGGATTCTCGAGCAGCGAACAACGAAA AGGAGAGGTGGCGTTCCGGTCA

39714637 F 0-47:T>G-47:T>G	TGCAGAGTAACAGGCTCGACTTAGCACTCGACTTTCTGGTTTTGATGTATGTGTGATTTGATTTCTAAT
39714607 F 0-28:G>A-28:G>A	TGCAGAGGGTGGCTAACTTCCTCACTTTGTCTAGTACTTGGCTGCAACCGAAGTTCAGAGGTGCGGCAC
39718540 F 0-50:G>T-50:G>T	TGCAGTTACAAGATGACGGGTGGTTGATGGGTGTTGAAGAAGAAGAAGTAGGAGCTAGGGAGAGAGAAA
39722938 F 0-51:G>A-51:G>A	TGCAGCTGAATTTGCCTTTTTCTTTTGAATCCCATACGCAGCTTTTGATGCGCTGGTGGTTTTCTTTT
39717234 F 0-28:A>G-28:A>G	TGCAGGCTTTGCTACGAGACTGATGGGAATGAAGGTCCTTGTCTTGACGAAGCTGATCATTATTAGA
39718055 F 0-34:A>C-34:A>C	TGCAGTCATATATCAATTTTATGTTTGCACCTCCATATCATCATCTCATTGCTCCGAATACTAAACAGG
39717124 F 0-49:A>T-49:A>T	TGCAGGCCATTTATCTTTTCTCAGAGGTTGCGCCGAGCAAATAACAAAATCTTCTGTTTTTCTTGG
39715338 F 0-45:A>G-45:A>G	TGCAGCAAGCCAGCAACTTGGGTCGTTCCGTTTCAATCGAGTGCAAAAAGAAAGTGAAGGCGAAAACAGAA
39728376 F 0-30:C>T-30:C>T	TGCAGTCAATCAAATAAGTGGTAGATATTCGATCTACTACATCTGTTTTTTTTTCCGCTCTATTTTT
39721732 F 0-11:C>T-11:C>T	TGCAGAGACGGCAGAAGAAGAATTAGCACAATTCTTCCAGATCCTTTGTCCGTCATGGGAGAAGAAAG
39722956 F 0-59:A>T-59:A>T	TGCAGCTGCATGTACGGAATAACGGTTTATGTCCACGTCATCAATAAATAACCATAAGTATTTTTTTTT
39717152 F 0-47:C>G-47:C>G	TGCAGGCCTTGAATCCGACGAGACGAAGCCATCTCGTTGTGCACATGCTTCATCTTGTCGAGCTTCTTG
39716207 F 0-8:T>C-8:T>C	TGCAGCGTTGCCGCGTCGTCCAGTTTCGTTCGAACCCGAGCGCTGCCGCCGCGTCTTCTCTTTCTCCT
39718329 F 0-36:G>T-36:G>T	TGCAGTGCAAAGAGCATATATATCTAGTTGACAAGAGGGTAGTGCGTATCAATACCATTTGGAAACAAA
39727561 F 0-43:A>G-43:A>G	TGCAGCAGGCGTTGATTCTTGAAACTTGAAGAACCTGGAGTACTAAGGAATTATGATGGAGGGGAAC
46754652 F 0-51:C>T-51:C>T	TGCAGATCATTGTGAATGACTTGATTGGAGAGAACGAGGAGGTTTGAGGATCCATATAGGGACGTTTTA
39716398 F 0-5:T>C-5:T>C	TGCAGTTGAGATCCGGAATAAGGTCGAGGACAGAGGATCATGGTCATCAAGGGCGCTCTGGAAAGCGCG
39723920 F 0-13:G>C-13:G>C	TGCAGTCAGCACTGCATCTGCATAAACCATTTGAAAAAACAACAATCATGACATACACTTAGAATTC
39720238 F 0-12:G>A-12:G>A	TGCAGCTTGCTTGTAACCTTGAAATTTTCAGTTGCTGAGATTTTGGCACAGTACTTTAC
39723011 F 0-48:T>C-48:T>C	TGCAGCTTCAATATTTTCATTGGTTATTTTATTTGGGACAATCCCTTTTTGGTGTCCAATCAAATAACCA
39718141 F 0-30:G>A-30:G>A	TGCAGTCGTATGAGGCCAGTTTGATTGGAAGAGTTCAGAATGAGAAGATGAGGAGTTCAAGCAAAAATAG
39717450 F 0-57:C>A-57:C>A	TGCAGGTACGACATATTCGACGTTCTTCACTTCCAAGTGTTCATTAGACTGATGTTCCGTTGGTTAGT
39714744 F 0-27:A>T-27:A>T	TGCAGATAAGCTAAAGTTTTGATCTCTAGGATGGCTGTTCAAGTACGGTTCCTTTGAAATAGAAAATCG
39716263 F 0-30:A>G-30:A>G	TGCAGCTACTCGGTCCTTGCTAGAGACAAAACCTTCAATGCAATAATTCATGCTGAAGGGGTAACAT
39717758 F 0-11:T>C-11:T>C	TGCAGTAACTTTTGCCATGGATTTATGATTTCAATGTTGATAGGTAAGTATTCCAATAAGTCCA
39725057 F 0-5:G>T-5:G>T	TGCAGGAACGAGAAGTGCGAAATAGTTTTCTCTTCGATGGCTTGTGTTACTGCAGCAGAGAGAACTGAATGAGGCATGTATTCAGCTGCGGACTGTAATCTTATTGTATTTGTCATAT
39726037 F 0-14:C>T-14:C>T	TGCAGCAGGGCATTTTAGACTAAAATATAAAGCAGAGAATGCCATTGCTATTTGGCTAATTGCAACCGC
39715605 F 0-41:C>G-41:C>G	TGCAGTTTTCTTCTATCGATAGCATTGGAAATGAAAAAAAAAATTCTTGAATGACTTATAAAGTACACG



39715108 F 0-8:T>C-8:T>C	TGCAGATTTGTGAACTTAGGGTCTATCTAAATGGTGAAGGGTCCACTA TGATTTAGTTGGAGCAATT
39727514 F 0-7:A>G-7:A>G	TGCAGCAACCACAAAAGGAGGAGTTGACCTTGAGGCACTTTTCTGATGA TGTTGTCACAGGTCATCAAG
39718113 F 0-5:T>C-5:T>C	TGCAGTCCTCTCTCTAGTTGAGAAATCTGAAAATGATAACCTCTGAGGC TCTAAATTCAAGTGCAATC
39715085 F 0-15:G>A-15:G>A	TGCAGATTATTTAGTGGCAGCATGTGGTGATGGCTTTATCTCAGTGCTGC CGGTGCTCGATACACCCCG
39715867 F 0-41:T>A-41:T>A	TGCAGCCAGAGTGAAATATAAACCATCCACAGCATTCCATTACATGAT CTAAAAAAGAAAACCTACCCA
39720134 F 0-13:T>A-13:T>A	TGCAGCTAGGCTGTCAACTTTCAGTCCAGACGCTTACTTGGGCAAGTTT ACTTAC
39727445 F 0-52:A>T-52:A>T	TGCAGAGCCAATTGTTTTGCTGTCTCAATAGCTTCTTCACTGGATATCTG CAACAATCACTGACACTAT
39725832 F 0-43:C>T-43:C>T	TGCAGATCAAAACGACGTAGTATTTCTGTCTCCCCTAGTCCAAACTCTGCT GCTTCTCTGGGAATCACCT
39713339 F 0-50:C>T-50:C>T	TGCAGCTCGAGCAACATTCTTGAGAAATGACTTGGCGGCGTGGGCAGAC CCATCGTGATTGATTGAAGA
39717437 F 0-54:T>C-54:T>C	TGCAGGTAATCACCATTTGAGAAGTGGGATTGGATAATCGAATTCCAAA TAAATTCGTCCTAATTATGA
39715164 F 0-25:A>C-25:A>C	TGCAGATTTAGAATCGAACTTTGAGAAACCGTTGTTTCAAGAGTGCCAT AATAATTTTCGATTATTGCA
39717989 F 0-28:T>C-28:T>C	TGCAGTATTTGATTCTCCTAGATATCACTGGAAGTGTATCATTCTAATTT CGTGCTGGATTGAGCATA
39714008 F 0-15:T>A-15:T>A	TGCAGAATCCTTGTGTTTGGGAATAAGTTGTGTAAAATCTGCACACAGTG TTTCTTCTTCTCTCTGCTT
39724780 F 0-7:A>G-7:A>G	TGCAGATAAATTCTTGTCTCCCATGAGAGGGTTTATGTTTATCGTTAC
39717861 F 0-14:C>A-14:C>A	TGCAGTAGAAATTGCTTGGATGAACCACTACAATGTGCTTACGTTAGTAA TGTCCTTATTTTTATATT
39714733 F 0-25:T>G-25:T>G	TGCAGATAAATTTAGAAAACCACAATCAGAGACTTGCTTAGCCCAACTC ACATTTCACTGTGAACTATC
39724227 F 0-26:T>C-26:T>C	TGCAGTTATCTGAATACTCAGGTTTCGTTTCTCCCCTTCTTCTCTATGCT ATCTAAATTAC
39713556 F 0-34:C>T-34:C>T	TGCAGAAAGGATCCAAGGGCAACATAGACCATTGCAAATTCAAACCAAT ATTTTGTTTTTTTTAGACAA
39714921 F 0-51:A>G-51:A>G	TGCAGATCTCTCTCAAGCTCTAACCAAATGTTTTTTCTCCCCCTCTCCAA ACTTGAGGTCAAAGATGA
39717900 F 0-29:C>T-29:C>T	TGCAGTAGCTCCAGGTTCTGCCAAGGCACCCAAAAAAGATATTTGCAC CAAGTAGCCAAATTTGTTAG
39716844 F 0-60:C>T-60:C>T	TGCAGGACATGTTTTTACCATCTCAGTGGCTCCTCCCTGTTTAGTAAGAG ATACTTCAATCTGGGAGAA
39726792 F 0-15:A>C-15:A>C	TGCAGTCCCCTGTCATTTATAGCTCGAAAGGATCAACAGAATATTCAA CAACTGTGCTTAC
39713355 F 0-14:A>G-14:A>G	TGCAGGGGTTTCGTCACGGCTCATTGGATCTGGGTGTTTGGGGGTTGCGGA TTTGTGGTGGTTGCATGGA
39717674 F 0-60:G>A-60:G>A	TGCAGGTTTGATATCTAAATTGAAAACGAAGAGGTTTCATGATTCAATTCA TCAAAAAGAAAGCCTGGAAG
39725872 F 0-14:C>G-14:C>G	TGCAGATGAAAGAACAACCAAAATTACTCTATCCATTTCCAGTATGTG AAACTAACTTGCATTGAATA
39713584 F 0-60:A>G-60:A>G	TGCAGAAATAATAGAAAAAGAAACGGAAGAAAAGAAAGAAAGATTTTAG TAAAAACGATGAAGAATAAAT
39718790 F 0-32:C>A-32:C>A	TGCAGTTGGCTGCTAGATAGAGAAAGGGAAAGCAAAAAGAAAAGAA AAGAAAAAATTAC
39714062 F 0-54:T>G-54:T>G	TGCAGAATTACAAATTTCTAAAGCTTACCTCGTTATAATGAGCAGAAAT TTCTCATGAAGAGATACA
39717222 F 0-23:T>C-23:T>C	TGCAGGCTTCTAGATATCTTTTGTTTTTTCCCACAGACGATGCCAACTGTT ATGCCAAAATTCGGACAG

39718470 F 0-25:C>T-25:C>T	TGCAGTGTAATATTATGGGCAAAGCGGGTTGGACCGGTTTCGATTTCTTT CACTCCTATGTAAATACCG
39717690 F 0-19:T>C-19:T>C	TGCAGGTTTTTCTTTCTTCTCCTCCAATAATGTGGTGTAAATAGTGTTTTTG CTCTTGCCTTTAGCTTGT
39715687 F 0-58:T>A-58:T>A	TGCAGCATCACAGATAGAAGAAAATACAACAGGTAAACTGTTGATGAAA TATAACAACCTGCTTCTAGGA
39716124 F 0-47:G>A-47:G>A	TGCAGCGATCATCTAAACATGTCCATTCCAACCTCAATACTTTTTGTGCA GGCCACAACATGCAACTCG
39717525 F 0-9:T>G-9:T>G	TGCAGGTGATGGTTCGATCAACAACACGATTTCACTGTGGGTATCGTTCAA TCGGCTGGTGGCTGTTTCG
39718870 F 0-17:G>A-17:G>A	TGCAGTTTCCAGCCGACAGCCCTGCAACAAAATCCACCAGCTCAAACCTG AGAAAGGGAAGAAGAGAAAAG
39718703 F 0-51:A>G-51:A>G	TGCAGTTGAAAAGAGTTTGTTTTTGCTTGCTATCTTGTTTACTATATGCTT ATTTTCTCATTACTCCTT
39729597 F 0-57:G>A-57:G>A	TGCAGCTGTTGAAAGGGCCCAACAAAAGGTCCCATCGCAAGAACTTTA GGACGGTCGTAGTTAC
39723153 F 0-6:G>A-6:G>A	TGCAGGGATACTTCTCAATTCAAAGGAGAACCCTGAACTATTTTTGGTAAA GTATTTTCATAAGTGAGGTAA
39713546 F 0-51:A>G-51:A>G	TGCAGAAAAGCAATGAACTTGTTTGATCAATCTAGTACTGACCCATATG GTAGAGGATGGAGGAAAGAG
39725225 F 0-22:G>A-22:G>A	TGCAGTAACAGTTAGAGATGAAGCCTTCTTTAC
39723126 F 0-60:A>G-60:A>G	TGCAGGAAATGTAAATTGATTCAAGTTGTACAATATTATCTAAGAAAGG ATGGGAGAACAAGAAGGTAG
39718332 F 0-34:G>A-34:G>A	TGCAGTGCACAAGTCGAATCAAAGCTATATTTGGTATGGTTGGAAATC TTATTCAATATCCTACAAC
39713728 F 0-51:A>G-51:A>G	TGCAGAACTAGTCTGCAAGTTAGACTGGGAGGCAAAAACCTATGGCTTTA GAATCTGAAGAATTGCTGAA
39713820 F 0-39:A>C-39:A>C	TGCAGAAGATGATAACTCAAACCACGCAACTAAACAATAGAGGTAGA CAAGATTGGAGAAAAATGAAC
39714537 F 0-6:G>A-6:G>A	TGCAGAGCTTCGTGATCGGTTTTCTGACATTCGCTTTGTTTCGTTTGTCTAC CATAAAGTAATTTCACTT
39720442 F 0-33:A>G-33:A>G	TGCAGGGCAAATGCATCACTGATGCAGCCTTTGATTCTCTTAC
39723235 F 0-10:G>C-10:G>C	TGCAGGATAAGTTGTTATCGATTGCCATCTCTGCCCTACAACCTGCATA TGCTCTCTCCAATTGATAA
39727162 F 0-15:C>T-15:C>T	TGCAGGGATTGATTACGAGTGCCAGAAAATTGTAAGAAGTTTTTTATTTT CTTAC
39717625 F 0-14:T>G-14:T>G	TGCAGGTTCTACCATTTGATTCTGCTATCAAAAGAAAAATAAAATTGAG AAAGCTAGAAAATAACTCG
39715510 F 0-47:A>G-47:A>G	TGCAGCAGATAAGATCAGACTCCTATTTACTGAATGGGATAGGAAACAT ATTTGTCTATATAGACACAC
39721835 F 0-35:A>C-35:A>C	TGCAGAGGAAGGAATTGTGCAGAGGCCACATTCTTATCCACGTGTCGAG TAAGGAAATATCCAGAATG
39713306 F 0-10:G>A-10:G>A	TGCAGTGAGGGCGTGAGTGAGGGGCGGAATTCAGAAGGGTGATCAAGG TGGGAGGCGGAGCGCCCGG
39713647 F 0-50:G>A-50:G>A	TGCAGAACAAAGCAAGAGAGGGAATGCCATAAATGATAATAGATATGA AGGAACAGTTTCATATGGCTA
39713709 F 0-29:C>G-29:C>G	TGCAGAACCGATGAGATAATATAGAGAGACAACATTGCATTGCATATGA CAGAAACGCATCCAATAAAG
39713610 F 0-22:A>T-22:A>T	TGCAGAAATGAATTATTGGCGAAGGAGAAACTCAAATGCTAAATAAATA TCTTTTTCTGTTTCTGTGGG
39717529 F 0-45:A>C-45:A>C	TGCAGGTGATCTTTTTATCTTACTTAGGGTGATCCTTATTCTTTTATATTC AAACTTTGTAAAATGTAC
39721587 F 0-36:G>A-36:G>A	TGCAGACATCAACTGCTCCATCTAAATTGCAGAGAAGCGTCAGAAAGGA AAATCCAGTTGATTTTGAGG
39716623 F 0-64:G>A-64:G>A	TGCAGCTTGGGTCAACCACTTCTGAAAAGACAAGGAGAGTTTGAAGAT GAAAAAGAGAAAGCCGCAGA

39713957 F 0-53:A>G-53:A>G	TGCAGAAGTTTGCTTGAGAAGCATTAGTATATAGCTCGAAACTTCGAAA GAAGAGTTCTCGAATCTCGA
39716747 F 0-20:G>A-20:G>A	TGCAGGAACAAAATGCGGCCGAATGAAGGACAAGGAAAATCTTTACAA TTGCCCAAATGGTCTAAATT
39718478 F 0-61:A>C-61:A>C	TGCAGTGTACATGCACCAAGTTATAACTAGAGAAGGCAAGTAGAACT CTCCAGAAAACCAAAAAAAG
39722720 F 0-24:A>C-24:A>C	TGCAGCCTCGACAAATCTTTTCTAAAGCTTCTGTTGCTTTGGCTGACTTT ATTTGCTTTTCTACCTTG
39724323 F 0-44:A>G-44:A>G	TGCAGTTGCAACACAAAAGAGGGAAAATCTCTGGATTTCGATCCTAAGTG TTCACCCACCCATGCAAAAT
39721180 F 0-20:T>C-20:T>C	TGCAGAAACGCCTCCACCCTGTGTATCATATTACCTACAGGCTCGTCCA GCTACAAAAACGCCTCCAC
39722591 F 0-31:C>G-31:C>G	TGCAGCCAAGATTGACTCTTGAAGATGCCTTCGGACAAAAGGGGAAAAG CAATAAGTTTTCAAAAAAAA
39713720 F 0-28:C>T-28:C>T	TGCAGAACGCATGTGTTTCATATGTATCCAGAATTATTCTTGTTTCCCCTC AAACATCAACTTGGCTTG
46755830 F 0-39:G>A-39:G>A	TGCAGTCTCCTTTACGAAATTTGTGCTGATTCAAATAAGTGAGTGCTATTA TTTGAACCTTTCCATGCACT
39722450 F 0-26:C>T-26:C>T	TGCAGCAGCTAGGTTTGAAGCTGCTCCTCTCTCATCATCAATTTGAGA AGTTCAATCCATCTCTAA
39718315 F 0-48:T>A-48:T>A	TGCAGTGTATGGATTCTAATAATATATAGCTTAGATGTAAAATGTAGAAT AAAGCCAACATATGCAGCCA
39728759 F 0-38:A>G-38:A>G	TGCAGGGAAAAAATAGAATGGGTCTACATCGATGCAGACTTGTGTCTGA CATAGATCCCAATTAC
39715010 F 0-25:A>G-25:A>G	TGCAGATGGAAGAAGAAAGAGAAGCAAGGCGTAAAGCGGAAGAGAGAT CCATAGAGTTGCAAAAAACAAA
39724964 F 0-8:T>C-8:T>C	TGCAGCCATTTTTTCTCTCAAGACCTGAAAGTTGAAATTGGCATTAC
39718124 F 0-54:A>G-54:A>G	TGCAGTCGAAGCTGCAAAATTGGGCGAAAAGGAAACCAAGGGAAAGTTT CCTTCAAATAATTTCTTTGC
39720546 F 0-25:A>C-25:A>C	TGCAGTTTTATTTCACTAATAAAAGAACAGTAAATTAC
39723847 F 0-63:T>G-63:T>G	TGCAGTATACGTATTTTTTGTGTATGTTTTATTGCAAACCTCTAAAAGAC TACTCGTAGAAATAAAAG
39713424 F 0-12:A>C-12:A>C	TGCAGAAAAGAAAATAAAAAGGGGGACAATTGGCAAGAACCATACTTA TGACAAGTAAGTAGTATAGAC
39723254 F 0-15:T>G-15:T>G	TGCAGGATGAAAAGGTACTTTTCGGCACCAAATAGTTGTTTCTCCCCCTCT CTATGGGAAGAAAAATTTCT
39714926 F 0-57:T>C-57:T>C	TGCAGATCTGTTGAATTCCCCAAATTCCGATATAAACCCATCAACGTACC ATTTGCTCCTATGATTTT
39728903 F 0-68:C>A-68:C>A	TGCAGCTGTCTATGAGGCAAAAGAGAGAATATTCAAATAGCATCTTCAA TAAAAAATAAATAATTAGAC
46756920 F 0-53:C>T-53:C>T	TGCAGTAAATAAACACCTTGGTGAAACAAATATGAATGCCAGGAGAAGT AGGTCGCGCACAATATTTCAA
39713419 F 0-16:G>A-16:G>A	TGCAGAAAACCAAACCTGCTAACCTTGCAATTGTCAATCTTCGTAGGAGG TAGGTTTCTTCTTGAAGTGT
39717127 F 0-63:G>T-63:G>T	TGCAGGCCCATTTATGTCAGCGCAGTCCATTTTGGGAGCTTCATCCTGTT TTCTATTGGGCTTGGGCC
39716899 F 0-37:C>A-37:C>A	TGCAGGAGATTGGTGTATGCGATCAGTTTTCTATTTTCTGTTTACCATCT GTCATTTTGTACATTCA
39715727 F 0-65:G>A-65:G>A	TGCAGCATGAAGCAGGACCATCCTGATCCTGATGTGACGTTCAAACCTC AAAGTAAATATCAATGGCAG
39721576 F 0-30:T>C-30:T>C	TGCAGACACTTGATGGGAAGACTCCACAACCTGGAAGAAATCAAGAACG AAACCCAAGCCAAGATCCCT
39719685 F 0-29:A>C-29:A>C	TGCAGATACATAGGGAATCTCCCTACATAAGGGCAGTCAAAGTTTTTTTT TAC
39716593 F 0-43:G>T-43:G>T	TGCAGCTTCTATAACAAGCACCAGAATCATAATTGAGAATTGCGCAC ATGATTCAACTAATAAGGGG

39717103 F 0-43:G>A-43:G>A	TGCAGGCATTGAAGTGACCAGTGTAGAATTTGAAGGAAATGGAGATATTGGAGATGAGGAAGAACAGTT
39714725 F 0-58:T>G-58:T>G	TGCAGATAAAAACGAGAACACAAAATATGGAAACATCAAGGCGCAAATCTACAATGCATGTTAC
39725844 F 0-8:C>T-8:C>T	TGCAGATCCACGGTCTAATATGAGTACATGTTCTACATTGGGCTCCGCAGGTCCACGGCCTTATATTAC
39713915 F 0-44:T>G-44:T>G	TGCAGAAGTAAATAGAGTTGGAGGAGATGAATTTTCTGGAGTTCTTATGAATTACTCATCTTTTTTCAGT
39725134 F 0-27:A>T-27:A>T	TGCAGGGATGTTGACATCCTCGTTTTCAAATGCCTTCTTTCTAACAAGAACTTAC
39715640 F 0-23:C>T-23:C>T	TGCAGCAGTTGGATAGCCCTTTTCGGCCCTCTTCTGCGTCGGTCAGAACTGCGGTTAGTTACTGTAAAT
39715060 F 0-65:G>A-65:G>A	TGCAGATGTTGGTCAAGTATGTAATTAGGATAGGTGAACTTTGTTTTGTGTTTTTTATTAGGATGACC
39714715 F 0-55:C>G-55:C>G	TGCAGAGTTTCATTGGTTATTCCTTGTCCTAACAAAAAGAAGACATGCACCAACACTACATGCACCCCA
39714584 F 0-26:T>C-26:T>C	TGCAGAGGCTGAGATTTGCAAAGAGATTAGAATAGGAAGCAGAGATAATTCTATTATTCTAAGATAGTG
39721245 F 0-31:T>A-31:T>A	TGCAGAAATTCCATCACAATCAATTGCTACTCAACAAGAATCGTTTTTTTTCATTTGGTTGGGTGG
39713341 F 0-43:A>G-43:A>G	TGCAGCTGACTCGACCCAACCCGAAAAATTTATACCTCTCACTAGATTAGTTGTTATAGTTTATTTTGC
39718156 F 0-52:C>A-52:C>A	TGCAGTCTATGCTGGAGCTAACTTCCGCAAGCCCGTTGAACCGTACTAGATCCTGCCTGGTGAATGGTG
39720196 F 0-16:G>T-16:G>T	TGCAGCTGCATTTTCTGGTGTTAC
39718039 F 0-12:G>A-12:G>A	TGCAGTCACTTCGCTGAATGCAACCCATGCTTGCCCTCGAAGCCTTGGTGTCTTCAAGGCAACAACATC
39713417 F 0-64:G>A-64:G>A	TGCAGAAAACACAACCATCTTGACACTCCTCTTTGGAGAATCATAAATTAGCTGCTCACTCTTGATC
46764225 F 0-37:C>G-37:C>G	TGCAGCTTTTACCTGTGCCCTTCCAATTTCCAACATGCAATCTCATCTCACCTCTTATAGTCTAATTTCT
39720235 F 0-32:T>C-32:T>C	TGCAGCTTGAATGACTAAACAGAACGCAATCATAAAAGGAGTTTCGATTAC
39716209 F 0-6:G>T-6:G>T	TGCAGCGTCGGCTCAGTAAGATCGTCCGAACCAAATTACAGAATTATATTTGCAAAAGCAACTGAAAA
39722140 F 0-39:T>C-39:T>C	TGCAGATTAGCACAAACGTCATGTGAAAAGTTAGGCATATAGGGGAATACAAGACCTTGGCAAAGGAAA
39715653 F 0-19:C>G-19:C>G	TGCAGCATAACTTGAAAATCTGTTGTTCCAAAACATGACATAAGGAATCCCTGCACAATGATGATCTG
39713701 F 0-26:A>G-26:A>G	TGCAGAACCAGCGTTTTGAACTTTCCAAAGGGTTAGTTTTCAATTTTTTTTAGTTTTGGTTTGATTTTT
39716772 F 0-60:G>C-60:G>C	TGCAGGAAGAAGTCAAGCAATCCAAAGAAGTAACAGTGGAATGAAAACTTACTTTTTTGCATAGAAA
39713280 F 0-34:T>C-34:T>C	TGCAGCCATGCAGGTAGGCGTTTTCTGTATTATTCTGAACTTTATTCTTTTTTACTTTTTTACTGTTGAT
39714173 F 0-8:T>A-8:T>A	TGCAGACATCTTGGTCCAAGTCCGCTATAAATTTGCTTGCCCTGTCTACCATAAACGAGCAGCCCT
39715311 F 0-5:C>T-5:C>T	TGCAGCAACTGAGCCTTTGCATGTGGGAGGAACCATTTTTTGCCTTTGCTTGTATGCTGCGTTTTCTTC
39714875 F 0-57:G>A-57:G>A	TGCAGATCATATTTATGAAAAATATCTAATAGTTATTATTTGAAGTAGTTTGCTAAGGTAAGTACTTTT
39713757 F 0-16:A>G-16:A>G	TGCAGAAGAAAGTTTCAGGACTTAGATTCATGTACTCAGATTCAGACATTAGCAAGGCCATGCACAAT
39724475 F 0-49:T>C-49:T>C	TGCAGTTTTGTTGACAAAGATATTTAGAGCAATACCTGCTAACTTGACTGGTCCACCAATTTGATTTA
39728903 F 0-66:G>A-66:G>A	TGCAGCTGTCTATGAGGCAAAAGAGAGAATATTCAAATAGCATCTTCAAATAAAAAAAAAAAAAATTAGAC

39713580 F 0-7:A>G-7:A>G	TGCAGAAAAGTTTGTGTATATCAGTTATAGTACAGTATACTTGAATTGCA TACCAGAAAATGAAAATGG
39728654 F 0-17:C>T-17:C>T	TGCAGAAGTTTGA AATTCGATTCTTAGCTCTTAC
39713718 F 0-27:T>A-27:T>A	TGCAGAACGATGGAACCTATGGAGTTTTTTTTGTCCAAAAGTAACCCGTT TATCTAACAACGGATTGAA
39717602 F 0-22:C>A-22:C>A	TGCAGGTTATGGCGGCGAGAATCTCCGCCGTGATTGTATTGGCATTGGTG AGTTTGGCCACCGTTGATG
39720117 F 0-25:C>G-25:C>G	TGCAGCGTGTCCATGTCGACCTGTCCAAGAGGACCTGGATTCAAATTCAT ATTTAC
39717633 F 0-25:C>T-25:C>T	TGCAGGTTCTGTATGAACTAATGCACGTTTTCTTTCATTGATTTAGTGAA ATAAGTGAAAGACAACGTG
39715823 F 0-20:T>G-20:T>G	TGCAGCCAAGGCATATGGTATATATAAAAAAATGTGAGAGGAAGTACAA TAAGATTTTTTACGATATT
39716182 F 0-52:T>C-52:T>C	TGCAGCGGCTGCTGCCGTTTACTACGATGCGGAGAGTGAGTACCTTTTG GGTGTTCGGTATAACGTGT
39718004 F 0-38:G>A-38:G>A	TGCAGTCAAATGCTCTACCACTGAGCTATGAACCCTTTGTTGTTTTGAAA CAAAAAAAAAATAATTTTT
39722371 F 0-60:C>A-60:C>A	TGCAGCACGTTGGTATCTAAGTGATGGAGATATCCAATTCCCAGGTAC AAGGGTCCACTCCCATTGAC
39718378 F 0-39:T>C-39:T>C	TGCAGTGCTTTTTTGCATCCTTCTCCATTTCAATCAATCTGGGTTTCAGAA AGTAGTCTTCTAACGAGT
39723476 F 0-41:G>T-41:G>T	TGCAGGGCTCTAACTTTTCTGCATGTTTGTCTTATTTGGGTTTTTTTTTC AGTAAAGGGGTCTCCGG
39714014 F 0-29:G>A-29:G>A	TGCAGAATCGTCTCAGCTAGACAGACTAGAGACTAAAACAAGATTCTG CAATTTGTTTACCACATAAA
39729189 F 0-14:G>T-14:G>T	TGCAGAAGTTTGAAGAACAATACTATATGGAGTATTTGGTTTGAAAGAGA CCAAAAGAAGCTTTTACAGA
39714017 F 0-42:A>G-42:A>G	TGCAGAATCTCAATCAGTGTTTCATCCTGATCCCATTACCACTACCAACAA GCTTCAACATTTCAATTCC
39714376 F 0-46:C>A-46:C>A	TGCAGAGAATGAAATGCTTTCCCTAAAACGAGCAGGACAACGAAGACTC TGATAGGAAAACTAGAAGA
39714325 F 0-65:T>A-65:T>A	TGCAGAGAAAAGGAGAGAATTGAAATGGAAGTGGTATGTGTAGAAGAA GATCAAATTTCAAGTTTTGAA
39714380 F 0-36:C>A-36:C>A	TGCAGAGAATTCTTAGAACTACAATGTGGGGTGTGCAGAAGGAGTTAC CGGGGATGGTGGCTTTGCTT
39716187 F 0-5:C>T-5:C>T	TGCAGCGGGAGGTTTTTTTTGAATTTTATTGGAGTTTTTCGTGGATTTTATCG CGTTGGAACGCGAAGGTT
39716184 F 0-66:T>A-66:T>A	TGCAGCGGCTGGGGGAGAGCGATGATCCTGGAAATCTCCTCTGAATAGT GTCTGTTGATTTTACTGT
39715101 F 0-27:T>C-27:T>C	TGCAGATTCCACAAGGATTGTTCTGCATTTTTAGATTGTTTTTCTGGCTCA GTTATAATTGTTTGAGGC
39717439 F 0-24:C>T-24:C>T	TGCAGGTAATCTGTTTCGGCATCGACGGAGGCGATCGATACGAAGCAGAA GAGTGAAGGAGAAGTTTCT
46754969 F 0-17:C>T-17:C>T	TGCAGCAAAAAGCAAAGCCCAATGGGGTCCGCCACTGCGAAGCTTTCTG GCAAATTCGCCCTTTGGCGT
39729406 F 0-53:C>T-53:C>T	TGCAGAAGAAAGCACCATTTCAATAACTCATAGCTAACCCAGAAAAGCGA ATCACCTGGCTTTTAC
39715526 F 0-6:A>T-6:A>T	TGCAGCAGCAAACCTCAGCATCAGTCACAGCACAAGCAAGCAGAGAAAG GTAGTTTGTATTTGAAGCCTG
39715096 F 0-33:T>C-33:T>C	TGCAGATTCAGTGCAAGGAGATCAACTCATTTATGCGGCTGCCTATTTCA ACATCTTGACCACAAGCAT
39721738 F 0-35:T>A-35:T>A	TGCAGAGAGAAACAAGAAGAAGAAGAAGAAGATGGGTTTTGGTTG GAGGTTGCAGAGAGAAAAAGA
39718585 F 0-58:C>G-58:C>G	TGCAGTTATCCTGTCTATGTTCTTCTCCGATGGACTGTTGAGATTCTGAGT GCCTGGTCTATGGAAGCTG
39719363 F 0-18:G>A-18:G>A	TGCAGAACCAACCACCACGTCATTAC

39722868 F 0-20:C>A-20:C>A	TGCAGCTAGTATAGGACATACTTTTCTGTTCACTGTCTCCTCTCTCACCAA TATTATTCAGTTTCATCA
39714320 F 0-21:A>G-21:A>G	TGCAGAGAAAAAATATATCAATACCAACAGGGAACAATATGATAAA CCAAATGTGTGGTATGTA
39726970 F 0-30:G>A-30:G>A	TGCAGAATGCAGATGTTATATGGGAAAGTCGTGAAGATCCAATATGGAT TAC
39716213 F 0-60:C>A-60:C>A	TGCAGCGTGGGATTTGAACAGCTCTTTTCTTGTCTAACTTAGAATTCAG GCTGATTTATCGTTGAATT
39724447 F 0-56:T>C-56:T>C	TGCAGTTTGTTCATCGGTGCTAACCTTCAAAGGGTAAGAGACCAAATACC AACTTGATTTTCCTGCTTAT
39714484 F 0-31:T>A-31:T>A	TGCAGAGCAACTTCTAAAACCAAACTGAACTCTGAAATATATATTTGTT CTGATGAGTAGAGAAAAGAG
39714603 F 0-9:G>A-9:G>A	TGCAGAGGGGTCTGGAATTTTCTCCACCAAATCAACATTTGAAAGCTTTG CCAAGCAAAGGCCAAAAAT
39714931 F 0-62:T>C-62:T>C	TGCAGATCTTATCTTGGTAAGTAGTTGAGGACTTCTTTCTCTGTTTTTCTT TATGCTCATTTTTCCTTT
39719921 F 0-5:C>G-5:C>G	TGCAGCACCTGAGGACTAACAACCTTGCGCTTAC
39713557 F 0-20:C>T-20:C>T	TGCAGAAAGGCACAAATTGACAAGTGTGTATTTCTTATGCATGAATGCA TCAACCCACAAATGAATTGA
39726320 F 0-14:T>C-14:T>C	TGCAGCTTACTTATTTACATGTTGAGTTCCTCGTTTCTAGATTGAAAATC ACGTAAATAACTTGATGC
39718841 F 0-8:A>G-8:A>G	TGCAGTTTAGGCAATAATTTTATAAATCCATGTCCAAGTATATTTTTTATT ATGCACATAAAAATAAATA
39713543 F 0-27:T>C-27:T>C	TGCAGAAAGATGTGGCCGCATGGCTGTGAGTCTCAGGCAGAGCGTGTG AACTGTGAAGAATGGTGGTA
39716186 F 0-65:T>G-65:T>G	TGCAGCGGGACTTACAATTCACGAAATAGTCCCTTTTGTGCCATTGCC AATCTTGATGATGATTGAT
39721758 F 0-36:T>A-36:T>A	TGCAGAGATATGAGAAGCTTTTCTAGAGTTGTTTCTTCTAAAACATCATT CTTCATCTCAAATTCGTC
39713510 F 0-45:C>G-45:C>G	TGCAGAAACGACCTGGAGCGGATACGCATCATCATTCAATTTGGCTCTCTA GCATACCATTTGCAGCATT
39716553 F 0-33:C>A-33:C>A	TGCAGCTTCATATTATTTCTGTTCCCTAATAATACATGTGATATTTTAGTAG GATGGTCTGTTGTTGTCT
39716475 F 0-36:A>G-36:A>G	TGCAGCTGGGCTTTCGGCTCTCGAATTGCTGAAAACATCTTCTGTTGATA GTGAGTATTGAGATGAATT
39720257 F 0-21:C>A-21:C>A	TGCAGCTTTTGTTCATAAAAGCAAGTAGGAATCTCTTGTTAGATGGAAAA TAGAATCACCCAGATCGGA
39720363 F 0-53:C>T-53:C>T	TGCAGGATGTAATGCTCTCTCAACTTCTAGCATAGCAACTTGTTATGAC TTACCTTAC
39721893 F 0-29:T>A-29:T>A	TGCAGAGTAAGTATGCTAAGTCGGGCAGCTAGGTTTTCTTCTGAAACTCA TATGAGACATAAGATAAGA
39723165 F 0-41:A>T-41:A>T	TGCAGGAATGTAATTGAACACCCTGATGAAATGAAATACAGAAAGCTTC GCAAGGCACGACTATGAACT
39724770 F 0-49:G>A-49:G>A	TGCAGAGTGCTTGAAAACCCAACAGTTTTGGGGTATTTTCATGCCAATAG CTTAC
39718397 F 0-44:C>T-44:C>T	TGCAGTGGAGGCCTAACATTATCCCTCTGGACACCTTGTCCCTACGATAA AATTTTGAAATTGGTGT
39713576 F 0-6:A>G-6:A>G	TGCAGAAAGTTGAGAAGGCGCGCATTGATGATAGGGAAGAAGACGCT AGCGAGCGCGGAGAGTTCAG
39717922 F 0-6:A>G-6:A>G	TGCAGTATAAAGCAATGGATCTCAGGGAAAGTCCAATGGACAACCAAG GTGTA AAAAAGACACAGAAG
39716474 F 0-66:T>G-66:T>G	TGCAGCTGGGCTGGGCTCATCAAAATTGTCCGACTAATGGAACAATGAG AAAAGGCCTGTCAACAGTAG
39726072 F 0-57:G>C-57:G>C	TGCAGCATAACCAAATATGATGTTTAGAGCCCATATGCACCATGTCCGA TCGAATGAGTTACACAACCA
39716567 F 0-46:A>G-46:A>G	TGCAGCTTCGATCGCAATGAAGGGTAAAGGGAAAGAAAAATCAATAA ATAAACTATAAAATACAAGCC

39721072 F 0-63:A>G-63:A>G	TGCAGGTACCTCTGCGACAGTTACTAAGGAATAGAATTCCTCCTTGGCATCTTCCTCGTCGTTACGCTT
39716042 F 0-53:T>C-53:T>C	TGCAGCCTCCCTCCTAGCGGTTTTGCACTTATTTTCTACTCTCTGTTACGGGTATTCTCCCAATATCC
39725133 F 0-6:G>A-6:G>A	TGCAGGGATGGTTTCGAAGGGTGGTTGGATTAC
39714056 F 0-19:T>C-19:T>C	TGCAGAATGTGTCTACATTTGGAAGGGCAGAGGTAAAAATGTAECTTCTAGAAGTTATTTATTGTAGTT
39718251 F 0-36:G>C-36:G>C	TGCAGTGAAGCGGCGGAGCTTAGAAGAAGGGGAAGGGGTAGAATGGGAATATGGGAATTGGAGAGGG
39713856 F 0-31:A>G-31:A>G	TGCAGAAGCTTCTCGGTTCACTTATGCTTGAGTATTTAGTGTTGCAAAGAGATCTTATCCCTGATCCA
39725085 F 0-38:T>G-38:T>G	TGCAGGATCAAAGCAAATTCATCTCATGTGAAACACTTTTTTTACTATGTAATTAC
39715396 F 0-23:C>T-23:C>T	TGCAGCAATTGGATTGCACATAACAACAACCTTCAATGAGCAATACTTCAATAAATCATTTGTTGTTGAC
39716091 F 0-60:C>T-60:C>T	TGCAGCCTTGTCGAGATCGCTCGTCTTTCACGAGAGCTCTTGAAGGCGTCGATCGTCATCGTCGTCGC
39717243 F 0-43:C>A-43:C>A	TGCAGGGAAACAACCTTCTAAAGGGAGAAAAAATCAGTAAACCAAAA AAGAAAGGCCAAAACAGCAAC
39726639 F 0-51:A>C-51:A>C	TGCAGTCAAATGCTCTACCACTGAGCTAAGGACCCATTGTTGAAAGTAAATATCGCCTTACCTTATAA
39713590 F 0-65:C>T-65:C>T	TGCAGAAATATTGAGAATAGAATTACTAAAAGTGAGGTATCTATATTTG AATGTAAGATTTACCCCTC
39718191 F 0-46:A>C-46:A>C	TGCAGTCTGCTGATGGCTCCGAAGAACCAAGACCAAGAAATCTTCAAG CAATGCTAAATCTGCCCTT
39722402 F 0-9:C>T-9:C>T	TGCAGCAGACCCGAACCGGACCCGAAAAGAAGAAGAAAAAATACTGCTGCTGCTGGAATTAC
39722931 F 0-59:G>C-59:G>C	TGCAGCTCTTTTTCTACTGAAGAAATTCTAGTCATTAGTTGATCTAGTGC CTCCTCAGCGACAGAAGGG
39720335 F 0-5:G>A-5:G>A	TGCAGGAGTTACCGTCGTCGTTAC
39715838 F 0-17:C>T-17:C>T	TGCAGCCACAGAATCTTCTTTTCTCCTTTTGAATGGGGAAAAGACTGCC TAAAGCCAAGATAATGATC
39714485 F 0-68:G>C-68:G>C	TGCAGAGCAAGAACAGCACGTGATGTGCGAAACGTGAAACCTTCTTCT TTGCAGAATCAGAATGAGAG
39714664 F 0-56:A>T-56:A>T	TGCAGAGTCCCAATAATTATCATTTTTAGCTTGTCTCTATGAAGTGGATAT ATATATATTTTAC
39725299 F 0-43:C>T-43:C>T	TGCAGTGACCACCATAACAAGTTCACATTGCGAACACGTTGAAACCTTTTAC
39714261 F 0-33:G>A-33:G>A	TGCAGACTAACCAACATTGCACCAAATGAGCTAGCACCCAAAACCTTGTT TACTTGTACTGATGTAGTTC
39717792 F 0-56:A>T-56:A>T	TGCAGTAATGAATCTATAGTTGTACTGTAATAATGAATCTGAGATTATTA CTCTCAATGCTGGAAGGCT
46760763 F 0-28:G>A-28:G>A	TGCAGAGAATCCCATTCCATTCTCCACAGAATTTAC
39717756 F 0-44:A>G-44:A>G	TGCAGTAACTGTCCTTAGCATTGTAAGTTCACCAGCAAGTTTGACATTT TCATAAGAAAGTTTGGTCA
46760720 F 0-12:A>G-12:A>G	TGCAGAAGATAAAATATCCTCCCAAATTTGAGAGAGGTTAC
39715929 F 0-45:C>A-45:C>A	TGCAGCCCAGAACCAAAAAGCAGAATGGAGGCAGTAACTGGAACCTACGA TGGCTACAATTGTCACCGTGC
39718862 F 0-30:C>G-30:C>G	TGCAGTTTCAGGCCACAAGCCCAACCCAGCCTTTCATGTGGAAGTTCTT CGTTCCATTCTCTCCCTGT
39722135 F 0-23:G>A-23:G>A	TGCAGATGTTTCACTGAAGAAAAGTGATAGTCTAGTTATTGCTCTAAGA GTTTGAAGTGATACTTAGT
39722480 F 0-32:A>T-32:A>T	TGCAGCAGTGAATTAGGCATGGAACAGTGTGATGCGGTGACAGCAACA GAAACTTTGCGCACCAATGT

39721527 F 0-25:C>T-25:C>T	TGCAGAATTGGGGCGGTGCTGTACACGAAAAAAATCTTCTACCCCAAG AAGGTAAGGTTTGGAAAGAA
39714022 F 0-29:A>G-29:A>G	TGCAGAATCTGTTAGTAATGAGTTGAAGGAAAACCAGAATAAGGGGGCA TTGGTTCTTGGGATTTACT
39725785 F 0-17:A>T-17:A>T	TGCAGAGGTAATGATACAAATGCAATTCAAAGCTACTGAAATTGGAAC ACTCGTCTACATTCAAAGTA
39718066 F 0-52:T>A-52:T>A	TGCAGTCATGTGTGACCAGCCTTTGAATTGATTCCCACAATTTATTATTA TTTTTCTTTTTCTTTTTT
39727057 F 0-16:A>G-16:A>G	TGCAGCAAAGGCCGGCAAACATCTCCTTCATGGCGCGACGGTGCAGGC GTTGATTAC
39722976 F 0-39:G>A-39:G>A	TGCAGCTGCTTCTGCACAAAGCGGAGTGGTAAAAACCTGGGAAGATTTT GAGTGGACCACCTTGAGATT
39725525 F 0-30:A>G-30:A>G	TGCAGAACTTTTGCTCGAGTCGAATCTATAGTTATAGCGATGTGGCGAA ATCTCTGTGGGAACTGAAG
39715699 F 0-46:G>T-46:G>T	TGCAGCATCATTAGTGTGTCGTTACGATCAGATCGGCACGACAGTGAT AATTTTTCTTTGGTTTTTCGA
39723415 F 0-6:T>C-6:T>C	TGCAGGTTTGGAGGATGAGGGAGTGGAAATTTTGAAGAAGTGTGAGGAC AAATTGGGAATTACTCGTCG
39723790 F 0-66:A>G-66:A>G	TGCAGTACGACAGTTTTATATGATGCATAGCCAGCAAAGCAGAGGCTT TATGTAGCATGTTTCTCAGA
39723805 F 0-38:G>A-38:G>A	TGCAGTAGAACCGGTTTTCTGTATATATAAATCTTCTCGCAAGGTTTCTC TGCCTTCTGCCGCAGCCTC
39722117 F 0-32:C>G-32:C>G	TGCAGATGGTTTCCAAGAAGGGAGGATATAACCAGCAGCAATGACAGA AAAGACAGAATAGTTAGATTA
39718904 F 0-47:G>A-47:G>A	TGCAGTTTGATGATTGGCAGATTTCATCGCTGGACAGAAAGCAAATTTGG TAAAAACAAACAACGGACT
39724309 F 0-15:A>T-15:A>T	TGCAGTTGACTGCAAAAAAATAATCTCCTTCAGCCTTTTCCCCTTTTCTC GTCAGATTATAGATGAAC
39724184 F 0-38:A>G-38:A>G	TGCAGTGTTTATGCATTTTTAGTTGATGTTACTTTACCATGGTTGTACATT GCGTGGTTGTACATTGCG
39724011 F 0-25:G>T-25:G>T	TGCAGTCTGTCAATATTAGACAAAAGCAATTTACATGAGCAAGCATGTC TACAATAGTGATGACTAAG
39720136 F 0-5:T>C-5:T>C	TGCAGTTAGTGGACTTGTTGTTCAATCTCTCTCTCTCTCGTTTAC
39718494 F 0-27:G>C-27:G>C	TGCAGTGTCTTGACGAACAAATACGAGGCACCATAACATCTCCGTATCTC GGCTTCATGACAAAATACT
39723103 F 0-35:A>C-35:A>C	TGCAGGAAAAAGTGACATCTCTAGTTCTCCTATCCACGACTTTGTTTGAT AAGCATTACATCAGTGTTT
39717358 F 0-31:A>C-31:A>C	TGCAGGGGTATTGTTTTGTTTAGAGTTGATTATGATATTTTGTCTTTGGAT GGAAAAGAGTCGTTGCG
39725263 F 0-35:G>A-35:G>A	TGCAGTCAAATGCTCTACCACTGAGCTATGGACCCGTTTTTTGCTTATTA C
39725362 F 0-12:G>A-12:G>A	TGCAGTTGAGGGGCATGTTTTAGAATGTAATTAC
39728493 F 0-23:A>G-23:A>G	TGCAGTGAATTGTGAGCGAAATGAAAATGAAAAAATATGTGCAACCAA GTTTTAC
39724795 F 0-21:C>A-21:C>A	TGCAGATATATCACAATTTTCCAATGAACTTAC
39722078 F 0-29:A>G-29:A>G	TGCAGATGCAGAGGTGAAGGACTGAAATCACATTCCCTCATTTCAAGCA CGATGCATTTCTCCAGTTG
39726147 F 0-67:G>A-67:G>A	TGCAGCCGCCACCGGAGCTCCGATCCCGGAGACCAGCTGCCACTAAGCC TGAGCCACAACCAAGGCAGA
39720535 F 0-29:C>G-29:C>G	TGCAGGTTCTTTAGAGCCACAGATTTGAACTGCTCTACCCTTTTAC
39714455 F 0-43:T>C-43:T>C	TGCAGAGATCTATAGTTGTATTGTGTAATTTGATCTTTGTTGTAGAAGA TAAAGGAAAGACTATGTAG
39725621 F 0-62:A>T-62:A>T	TGCAGAATCCAAGAAAACCTGCCAACACATGTAACCCTAACCCACACTA AACTCTAAACCTAAAATATT



39725968 F 0-7:G>A-7:G>A	TGCAGCAGATAGAGACTCTCTCATTCAAAAGACCAACGACCTCGCCACA ACATATATATTTTAGGATAT
39716430 F 0-65:T>A-65:T>A	TGCAGCTGCCAGCAATGCAAAGTAGAGATTGTTTATAAGAAAGTGATGA AGAAAAAGGAAAAAATCAA
39716793 F 0-8:G>A-8:G>A	TGCAGGAAGTTACATGGAAGGAGGGGTCGGTGGATTCATTTACCCTAGT CGACAAACAAACAAAATGA
39722892 F 0-53:C>T-53:C>T	TGCAGCTCAGTGTGCCGCCGTCGTCGCCGCTTCTTTCCGATTCAGTGCC GCGCTCGTCTTTCTTCCGT
46755297 F 0-33:C>T-33:C>T	TGCAGCATAATGATTGATGTTAGTGATATTATGCGAACATCATAAACACT CAAGAAAGGAAAAAATCAT
39718604 F 0-24:C>A-24:C>A	TGCAGTTCAACTAACAACTTGACCGCTCCAGCAATACTTGACATAGAA GTGGTGAAACAAGAAATCAC
39717180 F 0-18:C>T-18:C>T	TGCAGGCTAATCCGAAATCTGTTGCTACTACTCAAACGTAGGTCAATATT GGGAATGTAATCTTGCAGG
46754977 F 0-25:T>C-25:T>C	TGCAGCAAAATCGATTGAAGATGCTTCATCGTCAATTCATCATCTTTATC CAATCCAAACTTCAAATTT
39715035 F 0-35:T>G-35:T>G	TGCAGATGGTTGAGAATCTCATGGAATTTTTGAGATAGAGAATTTTTGGG GAAACCCAAATGAGAAAA
39718567 F 0-50:A>G-50:A>G	TGCAGTTAGCTCGAGTAAGTAATCTTCCTTAGTTACCACCTTCACTGGCG ATGCTTCTTCTTCTTTGTT
39714051 F 0-49:C>G-49:C>G	TGCAGAATGTAGGAACGATATAAGAGATCACTCTAAGGTTGCTATCACA CAGAATCGAATTCGGTGCCT
39716652 F 0-56:A>T-56:A>T	TGCAGCTTTCACTTTCAGATCTCATAATATTATATGATCCCTTGCCGCCCT TGTTTCATGTTTCATGTTCA
39716839 F 0-25:C>T-25:C>T	TGCAGGACACTTTCCTGAATCATTACGTATATCTATAAACTGATGCTGAA TCATTATGTATATCTATAA
39721300 F 0-48:G>T-48:G>T	TGCAGAACTGACTCAGGAAAGTTTATAAAAGTAATCAAAGAGATACAG AATGAATTTTTGAAAGTCGAG
39724229 F 0-37:A>C-37:A>C	TGCAGTTATGTCGCGGAGAGGGGTTCTTGGATACCAAATAGGCAATACA CTATTCTCCCCCGGATCT
39726690 F 0-67:G>T-67:G>T	TGCAGTCTGTAGTATTATTACACTTCTTCTACTATAGAATGGCCAGACTT GGAGTTCTCCCCCTTGTTGG
39717162 F 0-67:C>T-67:C>T	TGCAGGCGCCGTCGGCATCGGTGGATGACTTCATTGAAACGCAAATATT TCAACACGCCCTGGGCTGCC
39716353 F 0-22:A>G-22:A>G	TGCAGCTCGCGCCAAAACGTGCACCTCAGAGTTTTGCGAGCGAGGGCAG TAGGAGAAAGAGATTTCTGTC
39725807 F 0-15:C>T-15:C>T	TGCAGATAACATTACCAACTTCGCATGGAGATTTTTGAAACAGAAATTG AGCAAAACATTTAGATTCGT
39724401 F 0-42:C>T-42:C>T	TGCAGTTTCAAATCAACTTGAACACTTGAACACGTTACAACAAGCTTT GAGTCATTTGGGTGAGTT
39716166 F 0-26:C>G-26:C>G	TGCAGCGGCAGAGGGTGGATTTATTCCTACAAAGTTGGTTGTTTCCGATG TTCTTCCACAAATTACGGA
39718500 F 0-38:C>T-38:C>T	TGCAGTGTGGGTAAAGGTGATATTCTTCTACTTATATTCGTACTACTATG TGAGTTCATGGTGCTTGAT
39726944 F 0-40:T>A-40:T>A	TGCAGAAATGAAATTGATTACTCTTACGTCGTTTATTAGTTATGTTAC
39715599 F 0-17:C>G-17:C>G	TGCAGCAGGATCTGCCGCTAGTCCTAAGAACACTTCTTAGCTGGAATCA CTTGCCAAAAATTCATGC
39716405 F 0-8:A>G-8:A>G	TGCAGCTGATCCGAGCTCTTTACTAGATTTTGGTACACCCATGAATAGA AGTCAATTTGTTGGTTCAT
39717483 F 0-19:A>G-19:A>G	TGCAGGTATTGTATATGCCACCAACAGAGACGGCTGGATCAAACACTG CATCCCAACGGATCTTTGGA
39727837 F 0-23:T>C-23:T>C	TGCAGTGAACTTGTATCTCAGGCTGTACGAGCATTGTGCAACATCAAATC TCTCCTTTCTTCTTATCG
39718086 F 0-52:G>A-52:G>A	TGCAGTCCATATCACCTCTCTGTTAGTGATTTACAAAATTTGGACGGCA AGGACCAAAATGCTCCTTA
39716335 F 0-11:G>A-11:G>A	TGCAGTCCCAGTTGCCAATATCCCAGCCACACTCGGCCCTGTCATTG ATGCAGGTTTGTAAGACGA

39718758 F 0-13:C>T-13:C>T	TGCAGTTGCTAGTCTGTAACCTCATAATTTGTTGGGTCCCAAGAATTGAAAAGTAAAATTTATATTCGTT
39717085 F 0-11:G>T-11:G>T	TGCAGGCAGTAGGGCAGTGGGTGGATGGCTATTTACAGTAACGGTTTACCAATTTACAAAGGATCAAAA
39723209 F 0-29:T>A-29:T>A	TGCAGGAGGAGAAAATCTGTGTGGCTAGTTGATAAATCTTTCGCTTCGCTTCCAATTGGTTTATCTCA
39724387 F 0-34:A>T-34:A>T	TGCAGTTGTTTGGTTCCTCTCAAGATGCATTTCTACTTGATTATATAATAAATGTCAAGATAAGTGC
39724084 F 0-38:G>A-38:G>A	TGCAGTGCCCGAGAGAAAGCCACATTGCAGCCATAAGGGAGATCTGTTTCCATGATCTAAAAGTCTG
39716286 F 0-36:C>T-36:C>T	TGCAGCTATCGCGCTCTAAATCTTTGTGCTCTTTGTCCGTGTGTATCTTACATACATTTCTCAATAAAG
39713290 F 0-60:A>T-60:A>T	TGCAGGTCATGAAGCCTTCTACCAGTGTGAACAAGGTAATAATTTATCCTTATTTATTTATTTATTTG
39721797 F 0-41:T>C-41:T>C	TGCAGAGCCAGTTTCGAAGATGAAATGCGCAAATTGATCGCTGCCGCCGCGGCGGAGGAGGTGGTCGCC
39727435 F 0-41:G>C-41:G>C	TGCAGAGAGTAATTCCTTTTTTACCATTTTTTTGAATTCTGATTGAATCAATCTCATTCTCAACATT
39716482 F 0-14:A>G-14:A>G	TGCAGCTGGTGGACAGTGGTGAAGGGAGATCGTCAAGAGAAGGAGAGGGAGGTAGTGGTTGCTACTTG
39729252 F 0-42:C>T-42:C>T	TGCAGATCTTGTTCAGTAGATTTGAAGGCTGACTCATTTTCGTGGATTGTTAGTAACTATTAC
39727041 F 0-26:T>C-26:T>C	TGCAGATTCAAAATTTTCATATTTCTACGATTTTTAC
39721992 F 0-15:C>T-15:C>T	TGCAGATCAAGAGGTCACCGGTTTGAACCCGGTTGGGCCCTCATTTTTATTTTTATTTTTATTTCAATT
39719748 F 0-29:G>C-29:G>C	TGCAGATGAAGGCTTCTTCTCTTTTTTCATGTTAC
39722168 F 0-39:C>T-39:C>T	TGCAGATTCTTTTCGAAAATGAATGAGAGAACTTTGGCTACTATTCTCTTTTTTTCAGAGTCTTCAA
39728065 F 0-29:A>T-29:A>T	TGCAGGGGTTGCTATTGGCTCTGTTTTCAAACCGTTTTTCACATTAC
39715269 F 0-8:A>G-8:A>G	TGCAGCAAATGATGGGCAATGGGGCCAACAGCAAGAGCATTGCTCTTATGGTGGCGGCCAAATTTGGTG
39717925 F 0-16:T>C-16:T>C	TGCAGTATACGAAAAATAGAGCACAAGCAGAGGAGCTGAGGAAGAAGCAAGGCCTGCTTGGCTGCTTGG
39723600 F 0-47:G>A-47:G>A	TGCAGGTCGTCTTCTTTTGATTCTTTTTGTAATACTGTACAAAATACGACCTCTTGGTGGATTTCTTCA
39724955 F 0-16:A>G-16:A>G	TGCAGCCATATCTATGATTGATCATGTTGTGTTAGAGGAAAACAATATTAAC
39726729 F 0-14:C>T-14:C>T	TGCAGTGCATGTTTCTATTCTTAGATCCTAAATGCCGATCTAATGTTTTTCTCGATGTTTTCTTTGGTT
39726472 F 0-42:T>G-42:T>G	TGCAGGGGATGACACTTTTGACATTGTCAGCTTCAGTTCTGTGGTTGGTGGAAATGCCATCCAGTTTT
39715997 F 0-41:C>A-41:C>A	TGCAGCCGCTATGTTCTTACTTCTTTGGTTGTTATGTCTGGCCCGTCTAAGTTTTGGCTGATTATGCTC
39722249 F 0-64:A>G-64:A>G	TGCAGCAAATAACACATACCAAATTTATTATCAACAGCGATGTTCTATTCATTTTGAAAAACAAAATA
39729464 F 0-46:A>G-46:A>G	TGCAGGTTTAGGTTCTCAAAGGACCTTCAAAGTTCAATATTGTCTATTAGATTCATGAACCTTACAGA
39714030 F 0-30:C>T-30:C>T	TGCAGAATGAATGGTCAAAGTACAGAATCTCGAAAAGCTTTGAACTCCGAGGGGGACCCACGAATCCG
39716069 F 0-50:A>G-50:A>G	TGCAGCCTTACTTTCTTGATTATCAAATTCACACTTTGCAAGATAACCAACAATGCCTTTGTGCCCGT
39722315 F 0-67:T>C-67:T>C	TGCAGCAATGGAGTCGTTGACCAGAAACGAGCCTTATCAGATATTGTCGGCCTTTGAGTACTGTGTT
39726106 F 0-14:T>C-14:T>C	TGCAGCCACTACTTTACAGTTTACATACATATTTTACCATGAAACCAGTTTGTCTAAAATTAGAAAATC

39722664 F 0-10:G>C-10:G>C	TGCAGCCCTAGGTTATCGATTTTCTACTTTTCAAATCCACCCACGCTTCTG TCTTCTTCTTCATCTGC
39722821 F 0-38:A>G-38:A>G	TGCAGCGGTGATTATCGAACCATTTCGGTTCCCCTTTAGAATCGAAAATCG CCAGTCGAAGTCGTGTGGC
46760984 F 0-12:C>G-12:C>G	TGCAGGGCCATACCCGATGTTCTGTTGAAAGTGAATTAC
39718951 F 0-11:T>C-11:T>C	TGCAGTTTTCTTACTTTTCTTTTTTGTGACTATTTTTTGTCTGTTAGAAACA AAAACCTTAC
39717321 F 0-54:C>A-54:C>A	TGCAGGGCTGGTATTTGTATTTGTACCATATCTAATAAAAATTCAATAAT ATTGCTAAAATTTGCAAAT
39716885 F 0-26:G>A-26:G>A	TGCAGGAGAGAATCGAAAGGGCTAAGGCCTTTTATAGACCTGATCTCCA GATTCTCCAACTACCCACCC
39723379 F 0-5:C>G-5:C>G	TGCAGCCGTACGTTGTTGCCGGTGAAAACGACCGGTTCAACCTTGTTTCAG GAACCGTAACTTGAGATTC
39713928 F 0-39:T>A-39:T>A	TGCAGAAGTCAAATAATGGAACGTTCAACTCGAATTATTGGTATATAA AATCACATAATAATAGATAT
39720864 F 0-7:G>C-7:G>C	TGCAGTTGGGACATAGCGAAAAAAAATCAAGATTAC
46757389 F 0-36:C>T-36:C>T	TGCAGTGGGTCTCGATACAGTCGACGACTGTGTGGTCTTATTGGGGCGT CGAAACGCCGTGGGTTTCG
39722656 F 0-53:T>A-53:T>A	TGCAGCCCGACGCCTACTATATTTATGGCGGAAGACCTCTCCTGCAATCT GCATTTCAAAAAGACATTA
39722613 F 0-66:G>A-66:G>A	TGCAGCCAGCTTCTTTGTAAAGTTTTTCTCTGGATTTTTGCTTTGGAGAAG CTAGAAACTTATAATGTG
39727503 F 0-13:T>G-13:T>G	TGCAGATTCCCATTTTCATCAAAGGCCACAGAGCAACCAACCACCGCAT GGCTTGCTAGAAGCCTTACA
39721395 F 0-51:T>A-51:T>A	TGCAGAAGGAAGCAATTGCTCTGGAGGACCAATAAAAATTCGTGCG TATGTGTAATATGCTGAGA
39714846 F 0-68:A>T-68:A>T	TGCAGATCAAACATAAGGATAGAAAAAAACCCAAAAAGAAAAGAAAA AGAGAATTGAACCCGACGTGA
39713954 F 0-36:C>T-36:C>T	TGCAGAAGTTGATAGCATCTTGTTGCACATTTATTTCCCTAAATTTTGATT ATAATTTTGTTATAGGTC
39718701 F 0-39:C>T-39:C>T	TGCAGTCTTTTTGTCACACAGCATGTGCATGCATCCCATCTTACTTTGTGC TCTATTCTATTCAACAAC
39725500 F 0-60:T>C-60:T>C	TGCAGAAAAGCTCATTGTCCTGTTTCTCACCATAGAAATACTAAGGCTCT CGTTCTCCATTCGGACATA
39723897 F 0-33:G>A-33:G>A	TGCAGTCAAACACCATGTATGCTTTTATACATGTTTATTCAGAGAGTCG GTCGAAGCTGGCAGCCAC
39722525 F 0-18:A>T-18:A>T	TGCAGCATCCAAATTCCCAATGTTGTTGATCCGTACAGTTCCGACTTCGC CGTCCCCGTGGTCGAGTCA
39729453 F 0-14:G>T-14:G>T	TGCAGAAGAAAGCAGAGGATCATTAGTACAAGGGATTTTATCTTCATAT GAGAAGGCTCTTTTAC
39716626 F 0-37:T>C-37:T>C	TGCAGCTTGGTGAGTTTCATATTCTGTGCGTTATCCTTTTCTCTACTATCA TTTGGAGCCTTTGGTATG
46753678 F 0-18:G>T-18:G>T	TGCAGAAAGGGTTCACATGTCAGTGGTGTGAACATAAAAATTTATTTAGT GAATGGAGAGAGAACATCC
39713650 F 0-48:C>T-48:C>T	TGCAGAACAACCCAAACCGCACCGTTGCTCTACCGTCGGAACGACTCAC TGGATACCGTGCACCTCGTC
46756868 F 0-54:G>A-54:G>A	TGCAGGTTGGATGGTTATAGGCGCAAGCCCCCTCATTGGAGTCGTGTG GCCTGAGCTTGAGCTACTG
39726871 F 0-29:T>G-29:T>G	TGCAGTTTTATCTCGAGATGTTCAATTTTTTAGAGGAATTATCCTGTAAACT GTCATTGAACAAGAAACA
39725086 F 0-22:C>G-22:C>G	TGCAGGATCACGAAGTCCATTGCCAATAGCAAATCCCTGGCCAACGTAT TTAC
39718410 F 0-55:G>A-55:G>A	TGCAGTGGCAGTGGCCTCTTTTCGGCGTTTCAGCGACTGAAGATTGTGAG TGTCGGCGACAACAAGCAG
39718979 F 0-59:T>C-59:T>C	TGCAGTTTTTCTCTATGTTATCCCTTCTAGTATTTTCAGTTGAAGGATTGA AACTAATGTTGTGTTGG

39726013 F 0-39:A>T-39:A>T	TGCAGCACAGCAGCAACTCAACTCAAATCATGACTTTATATTTACTTTTTCTTTTTGTAAAGGAAATTG
39727713 F 0-48:T>G-48:T>G	TGCAGGCCTTCCTTCAAGATTCAGATTCAGTGAATTGAGTGAATATGCTTTGGCATATGTGTTTTTTA
39722498 F 0-5:C>G-5:C>G	TGCAGCATAATAACACTTCCAAGAGGGTTTCGAAACACTATGGCTAGCTTGATTTATCTGGTAAAATTGT
39718313 F 0-44:T>G-44:T>G	TGCAGTGATGGAAGGCCAATGAATCAAGGGGAACAGCAATGGATTTAGTTTTATGAATATTCAATCCAA
39722230 F 0-32:G>C-32:G>C	TGCAGCAAAGTAGTAGGCTCTTTCAAGGCCAGCGAACCTCGAATTCCTCACGTAGCCCTTTGATAAA
39722099 F 0-59:G>A-59:G>A	TGCAGATGCTGCGTTGGCTGGAATTCAGGTTGGTTTTTATTTGACTGATAATGTCGTCTGACCTGGTGT
39724866 F 0-11:G>A-11:G>A	TGCAGCAAATAGGTGCAGATGGGAACCTTCTTTCTTTAC
39714653 F 0-42:G>C-42:G>C	TGCAGAGTAGTTTGTCTTCCAGTGAATGCACTGTAGCCCGTAGTTGTGACTTGACTTGTAACGGTTTTCT
39715483 F 0-8:C>A-8:C>A	TGCAGCAGCACCGCCACCGCTACCTTCTCTTTTCACGGCATGAAGGATATGAACGCCAGATGAGACAGT
39728287 F 0-5:C>T-5:C>T	TGCAGCTCGCAGCGATCACTTCGGAGGAGCTTGTTGAAGATCCTTTGAAATCGGCAGAGCAGTCCAAGC
39718157 F 0-34:C>T-34:C>T	TGCAGTCTATTTAATATTTATCAATAACCCCCACCCAAAGGCCTCTTGAACTACTAAGAATTCCTTTTAC
39718921 F 0-17:G>A-17:G>A	TGCAGTTTGGTAAGCCGGTCGGAGCTGCAAAAGAGGTGGAAATGAATAAGAAAGACACGTTAC
39724377 F 0-61:C>A-61:C>A	TGCAGTTGTGCTCACTTCTTGCATACCCTGATATCAAAGTAGTCCATGCCACCACATCCCGCGTGGA
39714240 F 0-7:A>G-7:A>G	TGCAGACAATTTTCAAGAAGCAAATCAGAAAAGCACTCGATCCTCAATCATTTTTGCTCTCATGTGC
39728192 F 0-34:G>C-34:G>C	TGCAGAGAGGACACTTCAACTTTTCTTTATTCAGCAGATGGAAAGTCGCATTTCTCATGCAAAAAAAAA
39715809 F 0-51:T>C-51:T>C	TGCAGCCAAAGTGTTCATATGTGAATGAAAAGTGGGTATATATATACTGATAAAATTTAGGGTG
39718983 F 0-31:T>G-31:T>G	TGCAGTTTTTCTTACAGGTATCTTTCTTGCATTTTTGTTTTGTTTTATTGTTTTTTGGAACTAAC
39722193 F 0-39:T>C-39:T>C	TGCAGATTGTTGGTAGTGCCGAGACGCTATGAGACAATGTCTCAACGCTACCCTCTCGGGTTTGAAGGC
39716136 F 0-45:G>C-45:G>C	TGCAGCGCACCTCTTGGCGGGTTTGTGTCTGATCTCCATCGGTCGGGGAATTGTTGCTCTGTTTTTTT
39716766 F 0-8:C>G-8:C>G	TGCAGGAACTCGAGCGCAGAAATCATGGGTGCCTCTTCTTTGTTTTTTGACTTGGATTCAAAGTCCCTT
39719710 F 0-14:T>C-14:T>C	TGCAGATCAAAGGATAGCATCCAACAACGAGAACATTGTTCTTAC
39715271 F 0-39:T>G-39:T>G	TGCAGCAAATGGCTTTGGATCCATGGTTATTTGATTTGATTTTTTTTATTTATTTTATTTTAC
39726784 F 0-26:A>G-26:A>G	TGCAGTTCAGAACTCGATGAAGGCCAACTCAAATTATTCAGAAACCTCAAGAGCATTGATACTAATTC
39718792 F 0-51:C>T-51:C>T	TGCAGTTGGGATATTGAGGGACTGACACCATAATTGTTTCGTTCTTGAATACATTTGAGGAACTATTAT
39714394 F 0-7:A>G-7:A>G	TGCAGAGACGATAAGGGCCTAGTGGTTGGGGCTTCGGCCTATTACTATGACATGGACTTTGATGGCCCG
39715159 F 0-19:C>A-19:C>A	TGCAGATTGTTTTCTTCTTTTGTGTTTTGAATAAATCAAACCTTTGTTTTCTTTCTTTTAC
39714781 F 0-7:A>G-7:A>G	TGCAGATAGAAAAGAAATGGCTAAAATTGACAAAATTGGAATGCTTGGAAACAAATCAAATTGGAAGC
39721908 F 0-47:G>A-47:G>A	TGCAGAGTCGTCGATTGACTGTGACGGAAGCTGAGGCATAGTTGACGGGCTGCGATGGCAAAGGTCACT
39721810 F 0-15:G>T-15:G>T	TGCAGAGCGGACGGAGATGCTTTTGGGAAGAGAGATCCGGCGGAGATTTATTCTTCCCGTCGAACTG

39713264 F 0-53:T>G-53:T>G	TGCAGAATCTGCCGAAGATAAAAAGTATAAGAAAGAAACTGTTGTCATTA TTGATAGCTAAACATGTTTA
39719714 F 0-9:T>C-9:T>C	TGCAGATCATATAATTGACCATACGAATTTTAC
39719691 F 0-34:A>C-34:A>C	TGCAGATACTTATTTCTCTTCTTTAGTTTTTTCCAATGTGCTTAC
39726690 F 0-65:G>T-65:G>T	TGCAGTCTGTAGTATTATTACACTTCTTCTACTATAGAATGGCCAGACTT GGAGTTCTCCCCCTTGTGG
39720787 F 0-23:T>C-23:T>C	TGCAGTGTTCCTATTGAGATTTAGCCCGCTGACTTATTACAAAGGCT TTAC
39723630 F 0-53:C>G-53:C>G	TGCAGGTGCCTTTGACAATAGGGCAAGTCTCAAGTTTTGCCTTTGACAAT AGGCCAAGTCTCAAGCTTT
39718257 F 0-22:C>G-22:C>G	TGCAGTGAATAAAGAGATGATCCAGAGATTCCTCTTATTTTCCGCAAAG GACCCATCTATTGGGACGCA
46754560 F 0-68:A>T-68:A>T	TGCAGATAAGGTAAGAAAATGAACTACTTTTGGAGAATTTTTCTCGTA GCATATTCATTTTTTTTTTA
39727545 F 0-7:C>A-7:C>A	TGCAGCACGCGTCACAAAGTCGTCTCTTGAAGAGACGATCATGGGTGTA ATGATCTGCCAAAAGAGATT
46757296 F 0-50:C>A-50:C>A	TGCAGTGCAAAATTTTTTATGTGAAGCATGTCTACAAGATTTGAGTAAG CTAAATTTGATGGTGAAGA
39721251 F 0-26:C>T-26:C>T	TGCAGAAATTTCAAAAATAGTGTGTGCGTGTGTGTGAGAGAGACCAA AAAGGTTTCCACGAGACAGC
39723706 F 0-32:G>C-32:G>C	TGCAGGTTTTTATATGTAGTGAAAACAGAGCAGTCAAAGGTTGATGATA ATGACAAAGAACAATGTATT
39727390 F 0-27:G>A-27:G>A	TGCAGACAACCTCCAATACCCGTAGATGGAGGAGAAGGTGCTTGCCCAAG CAGCATCTATTCGAATTCAT
39707645 F 0-26:A>G-26:A>G	TGCAGTACGATTTTACTTCCATTTCCATTCCCCTTCATTTTTAGTCTCTGG TTTCTTTCTTTGGAC
39721668 F 0-46:A>G-46:A>G	TGCAGACTGGAGAAACTAGTACATGACTCATTCAAAGGGTAAACCTATA GAAATCTATAGTTATTTATT
39725631 F 0-26:G>T-26:G>T	TGCAGAATTATGATTGAAATTGGGAAGAAAAAAGTAGAGAATATGACGT ATCACGTGATGTGTGACTGT
39716095 F 0-62:A>G-62:A>G	TGCAGCCTTTGGGAATCAAACCTGGGAAGGGGAGAAACACATGTCACTC CTACACCACACAGACAATAC
39723748 F 0-12:G>C-12:G>C	TGCAGTAAGAGTGATAAAAGATGATGATCCTAAGTGGGAGCCAATTGTT TTGCCAGAAGGATCTCCGGT
39728489 F 0-25:G>A-25:G>A	TGCAGTCATCTAAATCTAGATATAGGTCATGTTACATTACAAACATTAC
39716959 F 0-26:G>C-26:G>C	TGCAGGATAGCCACACACAACCTATTAGTATTACCTATAAATAGTTACCTA CATAAATATAATGTTACCA
39720077 F 0-24:T>A-24:T>A	TGCAGCCTTATATGGATGTTTGGCTTTTTTTTTTTTAC
39725907 F 0-36:G>C-36:G>C	TGCAGATTCAAAAAATAATAAGAAACGAGGAAACAAGGAAAAAATTGA TATATATATATATATAAAT
39717075 F 0-61:A>G-61:A>G	TGCAGGCAGATTTTGTGGCATTCTTTTCAGCTAGGTTCTGGCTCAGCTCT GCCCTCCAAACTCAGTG
39724483 F 0-30:C>T-30:C>T	TGCAGTTTTTGTCTTAGGCCCTCCTGTGCATCGGTACTTGCACGATTT ACTTCAATATGCATTGGG
39724793 F 0-39:T>A-39:T>A	TGCAGATATGAAATTTATCAAACAGATCATTACCATGTATTTTAC
39714627 F 0-32:A>C-32:A>C	TGCAGAGGTTATGGGCTGCTATAGGAAGTGGCACATGGGCTTCTATACT GTGTCCAATGAAGTTGTCAA
39720022 F 0-9:T>A-9:T>A	TGCAGCCACTCGTGGTGGATTTATTAATTAC
39724976 F 0-24:A>T-24:A>T	TGCAGCCTACCAATCACATCAACTACCTAGAAGCATTTCCTATTTCTTA C
39722108 F 0-45:T>C-45:T>C	TGCAGATGGCAGATTTGACTATATTGGACTAATATCGTTAGGATGTCA TCTGCCTATAACTAAAAAT

46761077 F 0-28:T>A-28:T>A	TGCAGTGTGTTTAAGAATGGCATTGGAATAGATTAC
39722500 F 0-19:G>A-19:G>A	TGCAGCATAATTAGCTTAGGTAACCTTGTTTCTTCTGGTGTA AAAATTGCTTGTGGTGGTGAAATAGATG
39721914 F 0-23:G>A-23:G>A	TGCAGAGTGAAAATGAAATACACGACGAGGGTTTGTGATTAGATGATGATGTGATAGTGTATTTCATTTG
39718569 F 0-37:A>G-37:A>G	TGCAGTTAGGTAGGGAGTGTGTACGTGGGGAGTTACAAATGTA ACTTCTCCCTCTCTCTCACGTAAATG
39728702 F 0-25:T>C-25:T>C	TGCAGAAGTATGAATAAATTCTCTATCCTTATAGCAAAATCAAGTCAAAAGCTAGAATTTGATATTTAC
39716428 F 0-27:G>A-27:G>A	TGCAGCTGCCAGACTTTCCATTCTTGAGCATTGCAATATTCTGATTCTTTTCCATCAAACCCGCTATT
39728409 F 0-38:C>T-38:C>T	TGCAGTCCCTTTGTCTTTCTTATTGATTCCCAAGTCATCTTCTCAAGTCAAATCTGATAAACATCT
39722861 F 0-25:C>T-25:C>T	TGCAGCTAGAATAAATAAAGTGGGACACTAAAAAACTATGAACTACACAATGATTTGCAATGCATGTAA
39717975 F 0-24:T>G-24:T>G	TGCAGTATTCTTGATGCCAGCCTTTGGAGGTCCTCATCCTATCTTTGGAA GAGCTTGCTTTGGGGGAGA
46755761 F 0-18:G>C-18:G>C	TGCAGCTACTCGGTCCTTGCTAGGGACACAACTTCAATGCAATAATTTCTATGCTGAAGGGGTAACA
39719432 F 0-12:C>A-12:C>A	TGCAGAAGTTACCATGACTAAACTTGTGATTGATTCAATTAC
39719880 F 0-10:A>G-10:A>G	TGCAGCAAGCATTGACATTTCCAATGGTAATTGTATTTAGTTTCTTAC
39726416 F 0-7:A>G-7:A>G	TGCAGGCAAGTGCCTATGATGAGAGCGTGAGGCGCCTAGCAGGTATTGCACCTCTTGTCATCTTGCGTT
39717084 F 0-44:T>A-44:T>A	TGCAGGCAGTACATTGGCTCTAACGTTTTGGCGCCATTGCAAAATGTTTCAAAGTCAGCTCCAGATGAG
39714427 F 0-48:T>C-48:T>C	TGCAGAGAGGCATACATAACACAACAAAATATAAGGATAAAGTATATATATACTCTTCGACTATGAGGT
39713408 F 0-33:A>C-33:A>C	TGCAGAAAAATGCACAATTTGTAATGCAGCCACATGAATTACTCTATTATAAGGAACTTATCATATA
39721940 F 0-25:T>A-25:T>A	TGCAGATAAGTTGATTTGATGTCTTTCAACCAAAAGTTCTCAGACTTCAG AATAACAAGAATTCAATGA
39728189 F 0-18:A>C-18:A>C	TGCAGAGACTTCTTCAGAACCTGAGACTAGCATCTCAGGCTTATGGTTGTCAAGCCATCCATGGATGC
39722426 F 0-6:G>A-6:G>A	TGCAGCGGCAGCAGCAGCAGCCCAACAAAACAGGACGCCCAATGTCTTCCAACCATGGTCACACAAAAT
39724190 F 0-43:G>C-43:G>C	TGCAGTGTTTTGCAGGAGCACTTATCTAGTGTTTATGTAATGTGTTGTACACTTCTGGTGTTAC
39724639 F 0-16:T>C-16:T>C	TGCAGAAGACTCCACATGCATATGAACAAGTGTCTTCAATCGGAATTTAC
46757511 F 0-42:C>G-42:C>G	TGCAGTTCAATTTTTTCTCCTTTTCTTTTACC GCCTGAAGCTCGTTTTTTTCTCTTTACACTTTTT
39722003 F 0-57:G>A-57:G>A	TGCAGATCATACACAAAATGATCGAGTGACTTGTGAAGATCGAGTTATGTTTGAATAGTCACTACAACA
39725276 F 0-13:G>A-13:G>A	TGCAGTCGCTATCGTTGGAAAAATCTGTAGCTGTTAC
39725775 F 0-40:T>A-40:T>A	TGCAGATGATGTAGAAGATTTCGAAGGAGTGGATGCAGAATATGTTACATCGTTTCGTTGGTATAACAA
39724872 F 0-29:C>T-29:C>T	TGCAGCAACATCTCAATCCATTACCCCTCCGAACGTCCACCGAACATACCTCGTTTAC
39723759 F 0-60:A>G-60:A>G	TGCAGTAAGTTCATTTGCCACCCCAAGAGAGAGAGAGAGAGACTCTTTGTTTGTAGTTGAGCTTAGAA
39721981 F 0-57:G>C-57:G>C	TGCAGATATGTTTACCAAAACTTCCGATTGATAAGTTTGACTTATGTATGAGAAATGTTGCATATTGA
39713297 F 0-43:T>G-43:T>G	TGCAGTGGTGC GTTTACGCCAAATCTGTGTTTCCACAAGCATTTTCTAGCCTAGATCTGGTGCTCGAC

39717426 F 0-27:C>T-27:C>T	TGCAGGTA AATTCAACAAAACCCGTATCGAAGTCAGATCAGGTT CAGCT ATATCTATAACCATGAATTCA
39716596 F 0-22:C>G-22:C>G	TGCAGCTTCTGACATTTTCGCACAGAGGAAGGAAGAGCTCGAGAGAGAG AGAGAGAGAGAGAGAATGAA
39724375 F 0-15:T>C-15:T>C	TGCAGTTGTCAA AATTAGAAAGTTGCCTTCTCGCATTTTCCAAAAGAGTTG CATTCTGCTTCTTGATTGT
39722492 F 0-14:A>G-14:A>G	TGCAGCAGTTGGGGAAGAGGCATATTGTTGGGTTTCGTCTCTGGATGAG GTCAGCTGTGTTGATACATG
39722212 F 0-44:A>G-44:A>G	TGCAGATTTTGATGAATTGCAGTTTCACATAATCTAATCCCTTACTCACT TTTCCAGCTGATGTTGTG
39728998 F 0-31:A>T-31:A>T	TGCAGCAACAAGTTCCTAGACATGTCTCCTCATCACTTCCCCCACTTCTTT TACTATTTTACCCTCCCT
39721655 F 0-21:T>A-21:T>A	TGCAGACTCAA AACGAATCAGTACAAACACCACAATAACTAGCATATAA GAACAAGGAAGAAAACATGA
39724400 F 0-35:A>T-35:A>T	TGCAGTTTCAA ACATAACAACAATAAGTAAATAGTATTGAGCTCCATAG CTTTACTACTTTTCACTATT
39719881 F 0-21:C>G-21:C>G	TGCAGCAAGCTGTGGTGGGCCCTCCCCCATGAAAAGTTAC
39716723 F 0-38:T>C-38:T>C	TGCAGGAAACGGAGAATTTTGAAGCAGTCCACATAATCTTGGGCCCAAG CCCAAACATTTTGATTCCGGC
39728493 F 0-17:G>A-17:G>A	TGCAGTGAATTGTGAGCGAAATGAAAATGAAAAAATATGTGCAACCAA GTTTTAC
39723264 F 0-27:G>C-27:G>C	TGCAGGATGGGTATTGGAGTGTTATAAGGAAAAGGAAAAGAAAAGAAA TGCAGGATGAAAAGGGAGGG
39718099 F 0-37:C>G-37:C>G	TGCAGTCCCCTTCCATCGTTGGTGCTGCATAGTTAGGCCGCCCATCAAAG AAGAGTCTAATACTCTCTA
39717466 F 0-50:G>A-50:G>A	TGCAGGTATAGAATATTTTAGGTATGATAATGAACTATGATGTCTTTCT GCTAATTCTACGATGTTGT
39722948 F 0-68:T>C-68:T>C	TGCAGCTGATGATGTACCTGAATGCCCTTACTCTCTAATTGCACAAAATG CAAATGAAATCTTTTTTTT
39717331 F 0-13:A>G-13:A>G	TGCAGGGGAGAATAATGCTGTTATCCTATTCTGGTTCCTAGTACTA ACTA CTAAGTAAATAAATATCCC
39716694 F 0-68:G>A-68:G>A	TGCAGCTTTTGTTGACTAAAGTTGATTTTATTTGGGAATCTGAAGTGTGC ATTTTCTTTGTTATATCTG
39716630 F 0-68:A>G-68:A>G	TGCAGCTTGTGCTTGATGCAGAACAAGCAAGGACACAGACACACAAAAA GAGCAGAAAATAAAATGCTCA
39725083 F 0-38:A>G-38:A>G	TGCAGGATAGCCGCCTACAAAAGAATCAACAAATAATATGCCTAAACT ATTAC
39719368 F 0-35:C>T-35:C>T	TGCAGA ACTAAAAGTTTTCTTTTTTTGACTAAAAGCTTTAC
39720348 F 0-38:T>G-38:T>G	TGCAGGATCAAAGCAA AATTCATCTCATGTGAAACACTTTTTTTTACTATG TAATTAATTAC
39725997 F 0-42:C>G-42:C>G	TGCAGCAATACAACGACTTGAAGAACAAGTTCTCTCAAAGGGCCATTTT TTATTTTACTTTTTTTTCTT
39726649 F 0-24:A>T-24:A>T	TGCAGTCATGACACA ACTTCAGCCATCTACCACATATTCTTACAAATATG GAAGGTATTTAC
39722279 F 0-65:G>A-65:G>A	TGCAGCAACTAACAGCAGCACCTAAGAAATGGAAGATACCACATCTAGC TGAGCTAGAGATAGTAGTTC
46753663 F 0-62:A>C-62:A>C	TGCAGAAAGAGATAAAAATAACACTTTTTTTTTCCGGTTGAAATATATGAA AAAAAAGGAAGAAGCCAG
39721587 F 0-14:G>A-14:G>A	TGCAGACATCAACTGCTCCATCTAAATTGCAGAGAAGCGTCAGAAAGGA AAATCCAGTTGATTTTGAGG
39716005 F 0-6:T>C-6:T>C	TGCAGCTGGCTGCTGAGGTTCTGCTCTCCTTTATGGTCTACAATTTTGC AGCGGTTGCACATCATGG
39716206 F 0-5:T>C-5:T>C	TGCAGTGTGAGGGGTCGATTATGGCAGCTTCACTTCTCCAGCGCGCG TGGGGTTCATTTTCTGGCG
46757577 F 0-43:T>A-43:T>A	TGCAGTCTGGAATTTTTTTTCCGTTGTTTTTTCGCTTGTCTTTGTTTTG TGTTTTCTTTTTCTGTT

39714547 F 0-16:T>C-16:T>C	TGCAGAGGAAGAAGATTCTTCGAAGTCTTGAGTCGTCGTGCGGCGGCGG GGGGCCGAAAATGGGGCGG
39722358 F 0-43:T>C-43:T>C	TGCAGCACCTCCCGCTGCCGGAGATAGACCGACGCCACCCACCGTCGGCC CGAAATCTCCGTCGTCGCAG
39729022 F 0-17:T>G-17:T>G	TGCAGGCAGCAACCTTGTGAAGACCATCTGTCTATGGTGTCTCAAGGTG TAATTATAGTTTTTACAGA
39728495 F 0-43:T>C-43:T>C	TGCAGTGTACTTGGGAATTCAGTAATTATAGTTTTCTGCAATTTTTTTTAC
39713872 F 0-36:C>G-36:C>G	TGCAGAAGGAGAGGAAAGGAACGGAGAAAAGTGAAACCCTAGAGTGAA GTGAAACGCAGGCGGCGGCGG
39726680 F 0-33:C>T-33:C>T	TGCAGTCGAGGGAGTCCAACCCTACTACTCTCTCGTCGTCGACTGAATCC AATGAGAATGCTAGTGTA
39728776 F 0-23:A>G-23:A>G	TGCAGTCCAGTTGAGCACGAGCAATTCCTCTCCCTCGACCTCAACCTCAA GCCCGTCCGATTATTTTCA
39725281 F 0-24:G>A-24:G>A	TGCAGTCTAATGGAGAATCTTTATGGAGGTGTTTTTTTTTAC
39715896 F 0-55:C>T-55:C>T	TGCAGCCATGACTCTCACCATTGCCCCAGAAAAAATCTCTAACCAACTTC TCCATCTGCCTAATGACTC
39717805 F 0-44:A>T-44:A>T	TGCAGTAATTGGAACCAATGAATTTTTTGAAATGGGTGAGTGCATAGA GATTGTTTTGAGGGTAAGGA
39723762 F 0-58:T>C-58:T>C	TGCAGTAATCAGGTGACTTAGAGCAATGAAGACATGAGAGACCTATTGA ATCTTCTTTTGCATGTAGTT
39726253 F 0-61:T>C-61:T>C	TGCAGCTCATGAGGCGACGGCGAAATCAGCCGCTTCCCGACGCCGTTCCG TTGGTTTTCCGGTCGCCGTC
39727943 F 0-13:G>C-13:G>C	TGCAGAGAGTGAAGATACTCCAGCGTCCGAGCTCTCACCGCGTTGTGC TATCGTCATGACATATATCT
39722095 F 0-59:C>T-59:C>T	TGCAGATGCTATTTTCAGAGGACCCGAATAATGTTGGCAGAGCAATGGTA TGTTTTATCTCATTATTTA
39721335 F 0-14:C>A-14:C>A	TGCAGAAGAAGGTACTCTTCATACTTTCCTTCTTTTTAGTTCAACCATG AGGGAATCGAAACTCTAAC
39728701 F 0-7:C>T-7:C>T	TGCAGAACGTGTTAGGTCTTGTGAGATCCATGTATGCCTTGATCTGCTTG GAGGAAGATGCTTCGTTCC
39714393 F 0-15:A>G-15:A>G	TGCAGAGACGAATCAATATAAAGCTCTAACAACTCGGTTGAAGGAATAT GCATTTACCAATTGAGTTAG
39727190 F 0-37:A>T-37:A>T	TGCAGTAAAGTACTCTACTAACTTATATGAGTGAAGAACATGCATAAAG TTAC
39729356 F 0-51:T>C-51:T>C	TGCAGGTTAGTTCACCCTTTTCAACTTCTAGAATTCATCTCCATTACAAT TTGATTGCAATTAC
39723127 F 0-32:C>A-32:C>A	TGCAGGAAATGTACAGACAGGATACAATAGAACCAAAACCTTAGCACAT AGCAAAGCCACACAATAGTG
39713759 F 0-28:G>C-28:G>C	TGCAGAAGAACACAACCTGCCTTGTAAGTGAACCTTTCCTAAGATTCTTAC ATATTTTGATATGCAGTCG
39727463 F 0-10:T>A-10:T>A	TGCAGAGTTTTGTGGTTTTTTTACCTCCAAACACATTTTCAATCAAGCTGC CATCAATAAGATCACAAC
39725479 F 0-30:G>C-30:G>C	TGCAGAAGAAAACTCTGTTACTAATAATGGATTTACAAATATAGAAA TGTGGGAACCGATTTTGCAA
39717487 F 0-61:T>C-61:T>C	TGCAGGTATTTTTCCCTTACTAATTGCAATGTAAGAAGGCATCATGCACA TGATCAGAGGCTGAAGAAC
39723147 F 0-35:T>A-35:T>A	TGCAGGAAGGTTACCTTGTCTATGAGTGTAATGAATGGTGGAGCTGTAG TAGAACCTGTCCAAATAGAG
39715844 F 0-26:T>G-26:T>G	TGCAGCCACCATCACCGGAAAAATCATGTTACATGCCCTCTTTATTCGAC TCACTCATCCAAATCCACA
39718521 F 0-29:T>C-29:T>C	TGCAGTGTGTTTTCTGAAGGGATTGAATCTCCAAAAGAAGCGCATGTAA TCACGTGTGATTCAAATTGT
39714894 F 0-44:C>T-44:C>T	TGCAGATCCTATTTGGACCCCTCGTAGACTGATTGACAAGAATACGGTTT AACTATATGGCCATCATT
39713737 F 0-56:G>A-56:G>A	TGCAGAACTTACATCACTAGACAAATTCAGATAGGTCAATTCAGGGTC GAGTTCAGGCTCAAGAGATT



46771725 F 0-63:G>T-63:G>T	TGCAGACCCACTTCTCGCCACTACCCACTTCATCACCAGCCACTACAAC GCAAGGTTTTTTTTGTTTT
39721323 F 0-39:A>G-39:A>G	TGCAGAAGAAAGAATATGAAGTGAGAAAGAGAGACGAAGTGAGGAC TAAAGAAAAAAAAAAGCAATAAA
39723936 F 0-39:G>C-39:G>C	TGCAGTCCAAAATGATGGTTTTGGATGTGCTTCCTTATCGTCAGCCGCAA CTTTTCTTCGGCAAAGCTC
39723936 F 0-44:C>T-44:C>T	TGCAGTCCAAAATGATGGTTTTGGATGTGCTTCCTTATCGTCAGCCGCAA CTTTTCTTCGGCAAAGCTC
39724823 F 0-10:A>G-10:A>G	TGCAGATGACAGTTGTATTTTTTTTTCTTTTTTAC
39719754 F 0-28:C>G-28:C>G	TGCAGATGAGAAGCAACCACCCACTCCTGCTAAATTCAGGGAGTGA GTGGTTAC
39717842 F 0-49:C>G-49:C>G	TGCAGTACCTTTGTTAGGGGGAAAATGCAAACCTCAACCCCTCTAGTCC AAGAAATATTCCCAATGC
39713921 F 0-64:G>A-64:G>A	TGCAGAAGTACTTAGGCCAAACATCTGCAAGTCGAGGGTTCTTCAGCTCA TTCGACTTTGCCTACGAATT
39719300 F 0-13:C>T-13:C>T	TGCAGAAACTTTACCAGAAAGAAGTGCCTGAATTTTCAAGGTGAACCTT TTTCATTAC
39723039 F 0-46:A>C-46:A>C	TGCAGCTTCTTGGGATTCAATCTGCCAAGTAATTCAAATTAGTAGTATTT GAAATTATTCAATTCAATT
39721655 F 0-30:A>C-30:A>C	TGCAGACTCAAAACGAATCAGTACAAACACAACAATAACTAGCATATAA GAACAAGGAAGAAAACATGA
39726133 F 0-45:G>A-45:G>A	TGCAGCCCCAAATTACCCTAACCAAAAACATGGAACATAAATATCAGCAT TAGATCCTTACTGAGCTTAG
39716459 F 0-68:T>G-68:T>G	TGCAGCTGGACTCAAAGCAGCTGTAAATTCTTATCCTTCCTCTGATCTTTT GCAAACATATTATGTATGT
39716510 F 0-53:C>T-53:C>T	TGCAGCTGTTCTTTTTGTTCATGGTCTCTTCTCTCAAACGAAGGCTTAG TGCCCGTTTGGCGTTGCT
46762442 F 0-33:A>G-33:A>G	TGCAGAAATTGCGTAACCAGAACTCGATGATGACATCAATGAGGTTTATTT TGTGATTGTTGCGGACAAT
39721745 F 0-53:T>A-53:T>A	TGCAGAGAGCAACATTCATATTTAGCTGGTCAAGTACAAAAGCCAAGCT TACCTAAAAGACATATTTCAA
39727757 F 0-8:T>G-8:T>G	TGCAGTCTCTGAAGGGCAGCCAGAATTAGTTCAATTTTTTTTTCACTCA CTTTCTCTCTCCTCATTCC
39715883 F 0-32:T>A-32:T>A	TGCAGCCATAGTAATCCCCAAGGATAATTTCTTTGTGAGTGCATCGTTT TGACTTAGCAAACCTCTTCT
39727039 F 0-24:A>G-24:A>G	TGCAGATTATGATTGTGGGAGATAAGAAGATAAAAACCTTTCATATTCATTT AC
39724395 F 0-66:C>A-66:C>A	TGCAGTTTATACCTAGAAGCTAGGGATCGAAAACAAATCACCGACAATCT CTTCTGATGTTTATTATCAA
39714975 F 0-50:C>T-50:C>T	TGCAGATGATTATACCTCCCACAGGCCCGGCAGCCATATGAAATATGAA ACAATAATCAATGAATGTAA
39715253 F 0-13:C>T-13:C>T	TGCAGCAAAGAATCGACCGCCATGGCCGAAGTAGAAGACGACACTCCA AGAACAGATGCTCTCTCCAGG
39719727 F 0-45:G>A-45:G>A	TGCAGATCCACAAGAACAATGTCCCGCTATATCACTGAGAAATGGGAAA CAATTAC
39728902 F 0-65:T>A-65:T>A	TGCAGCTGTCTATGAGGCAAAAGAGAGAATATTCAAATAGCATCTTCAA TAAAAAAAAAAAAAAAAATTAGA
39722420 F 0-5:C>T-5:C>T	TGCAGCAGCAACCTGATGAACATGTGCATATACACATGATGTAAGTGGG ATGGACTAAAAGAGGAAAAA
46755841 F 0-10:A>G-10:A>G	TGCAGCTCGCACGTCTACATTGAATTGGCCGAAACACTGCTGAATAA ACATAAAAATGAGTGGGTAT
39716257 F 0-9:T>C-9:T>C	TGCAGTACTGTGCGAACCTGCAAGATCAACATGGAATGATATTTCAA CAAGAAAGTACCCAACCTCAC
39726650 F 0-35:T>A-35:T>A	TGCAGTCATGACACAACCTCAGCCTTCTACCACATTTTCTTACAAATATG GAAGGTATTTAC
39714441 F 0-5:G>A-5:G>A	TGCAGGGATAGATGTATGAAAACCTAACTCTAAAATCAAACCAAATGCA GCATGGTATCGAGTTGAATT

39713966 F 0-33:G>A-33:G>A	TGCAGAATAATGATAATAACATGAAGAGGAAGAGGAAGAAGAAGAAGAAGAAGATGGGCTTATGGGTGG
39716048 F 0-34:C>G-34:C>G	TGCAGCCTCTCTCCCCTGGCTCCTCGTCGTCGTCCTCGTCTTTGT CGAGGGAAACGGGTAGAG
39728632 F 0-28:C>T-28:C>T	TGCAGTTCTGGTATCTTTGATTGAGGTACGATATTGCTCTACTCTAGCAA TATATCATAATTCTTGCTC
39718037 F 0-16:G>C-16:G>C	TGCAGTCACTGATAGTGAATGGTTTCTCTCACAATTTGTGCAATTCACAA GATCTCTCAACTCCCAATC
39726548 F 0-62:T>G-62:T>G	TGCAGGTTATAGTATTCATTTACAAAGCTCAGGTTATAGCTTTCAAGTGA TTTTTTTGAAAATGATTAA
39715160 F 0-59:A>G-59:A>G	TGCAGATTTAAAATCTTTAGAAAGTTCCTGCTTCCACCAAAGATAGTCAA CTGTCAAAAACAAAAGTTC
39722221 F 0-47:G>A-47:G>A	TGCAGCAAAAATATCTATATAGCATATTTTTGCATTTTTTAGAAAATAGGT TACAGACAACAATTTTTGTC
39726318 F 0-34:C>A-34:C>A	TGCAGCTTATACTGCCCTTTTGTTCATAGTTCCCTCGGGAGAGAGACGA GCTTGAACCCTCTGTCAAT
39722775 F 0-8:A>G-8:A>G	TGCAGCGAATCCATTGCGTGAATATGCCGTCGTCGAGGTTGTTATTGTTT TCGGAGACAAAGGAAATCA
39722221 F 0-17:T>C-17:T>C	TGCAGCAAAAATATCTATATAGCATATTTTTGCATTTTTTAGAAAATAAGT TACAGACAACAATTTTTGTC
39721163 F 0-26:T>C-26:T>C	TGCAGAAACACCTTGGAAAAAACAGTGGTGTAGAAAGGATCAAGATTG GAGTCAAGCCATTTCCCA
39721875 F 0-14:A>T-14:A>T	TGCAGAGGGAGGGAAGTGGCGGAGGGTGACGATGAAGGCCGGTGGCAG CGCGGTGTCTGCTCCATAAA
39723049 F 0-24:C>G-24:C>G	TGCAGCTTGCTGTCCCTAGATCAGCGCAAGATGCCCTTCTAGTCCGTCTT TGCGAATCTAAAAAGGAAA
39727538 F 0-13:T>G-13:T>G	TGCAGCACATATGCAAGATTACATAATTTTCTTATATACATATGCCGC AATAACTTTTGCTCCTCT
39728946 F 0-26:A>G-26:A>G	TGCAGCGTTTTGTTTCGTTGGAGCGTCATTGGCGAAGAACAGTCAAGTCTA CAACGGAGGTTTGTAAACGG
39721169 F 0-57:A>G-57:A>G	TGCAGAAACAGTTGCAGAATACCACACAATCTCAATACAAGATGAAGTC ATTCAAATATATAGGCTTTC
39728702 F 0-36:A>T-36:A>T	TGCAGAAGTATGAATAAATTCTCTATCCTTATAGCAAAATCAAGTCAAA AGCTAGAATTTGATATTTAC
39718148 F 0-60:A>G-60:A>G	TGCAGTCTAATAAATACAAAAAAGAAAAGTACTAAAAAATACAAAAA TAAAAGAGTGACAATACAAAA
39718651 F 0-34:T>C-34:T>C	TGCAGTTCGATGAGGCTCAAGTCTGATGAGGTGTTACTCTTGCTCCGACA CTCGAAACGACGACTCTAT
39727994 F 0-20:A>G-20:A>G	TGCAGAGTATGGTGTCCACAGAAATTTTGCATTATAATTTACTTTTTTA C
46760665 F 0-44:G>A-44:G>A	TGCAGCTATTAAGAGCAGTGCATGAAGCTTCTTTGTTTAGTGAGGATAAT AATTTGGTTCCTCTTTGCT
39723873 F 0-37:C>A-37:C>A	TGCAGTATGCCTATAAGACAATCAACTCATAATTTACCATTAGCTTGTGC TATTAGTTTCACGAACTGC
39725362 F 0-7:G>C-7:G>C	TGCAGTTGAGGGGCATGTTTTAGAATGTAATTAC
39717797 F 0-13:G>A-13:G>A	TGCAGTAATGGATGGCCTTCCTCAAAATTCAGGAGAATGATAACAGAAT ATATCATTTTTAC
39717206 F 0-15:T>C-15:T>C	TGCAGGCTGTAAATTTGCTGCTGTACTTTCCTTTTCGTTGCCTTATTAC CTATTAGGTTTATGCATG
39718527 F 0-44:G>A-44:G>A	TGCAGTGTTCGAAAGGAAGAAGAAGCGTGTTCCTTTGGAAGGAAGCGTT TTTTGGGGATTTTTCCATA
46765472 F 0-49:C>T-49:C>T	TGCAGTTGTTTTAGCGAAGACGTAACCGACCTCCAATGCGGGCTTGTATC TTCTTGAGGACCATCTCC
39722426 F 0-16:G>A-16:G>A	TGCAGCGGCAGCAGCAGCAGCCCAACAAAACAGGACGCCCAATGTCTTC CAACCATGGTCACACAAAAT
39718453 F 0-19:T>C-19:T>C	TGCAGTGGTATTAACCATGTCATCAACGTACACAAGTGTATGATTGAGA AGTTATGTGAATTGGGCACC

39715281 F 0-38:A>T-38:A>T	TGCAGCAACAATGGAGAATGGACGGAGTTTGTCTGCAAATGCCTCCGACCCAATGGCTTCGAAAGACA
39723581 F 0-50:T>C-50:T>C	TGCAGGTCAAAGAAGCTCAAATTTCAAATTGACCTGGAAAAGAACTGTTGTCGCGGTTACTGGTAAGGG
39722491 F 0-44:G>A-44:G>A	TGCAGCAGTTGGGGGAGAGGCATATTGTTGGGTTTCGTCTCTGGGTGAGGTCAGCTGTGTTGATACATG
39728218 F 0-66:C>G-66:C>G	TGCAGATATTGCTTCAAGGGCTCTCACTGTCACAACCTCACATCCATAAAC AATTAGAACTATCTATCAC
39724188 F 0-51:C>A-51:C>A	TGCAGTGTTCCTTTTCAACGCTATATATATTTTTTTGTGCTAAAATACTTTCTTTCTTTCTTTCTTTCT
39714948 F 0-64:G>A-64:G>A	TGCAGATGAAGGTTATGCAATCTTCTTTCTTTTCATAATTTCAAGTTTCATT TTTATTACTGACAGAGTA
39727901 F 0-5:T>C-5:T>C	TGCAGTTGTATCTGAATATATAACCAATAGAAAAGGTAGAGAAATCATA TTGGCTGACACCTCAATATT
39718405 F 0-39:T>C-39:T>C	TGCAGTGGATTAGTTCGAGCTTTCGAACTATTTAGGTTGTTGTCCATCAA GAGATTGGTTACCTTGGGT
39713514 F 0-25:A>T-25:A>T	TGCAGAAACTGAAAAGCTAAAAAAAAAAGGAGCCAATAAAATCTAAAAT AACCTTTGTAGATGTATTTTT
39723040 F 0-60:A>T-60:A>T	TGCAGCTTCTTGGGATTCAATCTGCCAAGTAATTCAAATTAGTAGTCATT GAAATTATTCAATTCAATT
39718116 F 0-51:G>A-51:G>A	TGCAGTCCTTCATCGCCCGTTCAATTTCTTCGACAGGTCTGGGATTTCTTC GGCAGATCTGGGTTTTCT
39721531 F 0-47:A>T-47:A>T	TGCAGAATTTAGACGAAATCGAATTTGGGTTTATTCAGCGAAGGAAGAC TTCGGCTTGCAGTTGCATCA
39721552 F 0-55:A>G-55:A>G	TGCAGACAACAAAAGGGGATTGGTTGATCAGTGTTTTAGAAGCAAAGGC TATGTGAGAAGGACTCAAT
39716590 F 0-19:T>C-19:T>C	TGCAGCTTCTCCGGTGAAGTTCCTCGACGGCGCGACAATGGTGCAGCAG CTACAGTTAGCAAATCCGGC
39713646 F 0-8:A>G-8:A>G	TGCAGAACAAACCGAACTGTTTTAGATTTTGAAGTCAAATTTTGTAAAG ATTTTGTTCAGATGAAGT
39713961 F 0-12:A>G-12:A>G	TGCAGAATAAAGAGAGGTTAGGTGTGGTTATGGTTGATCCATCGTGATC TCTGAATCTCTCATTCTCAT
39716655 F 0-40:C>T-40:C>T	TGCAGCTTTCATTAATAATTTACCTCCTACATGTTGATCCCCGTTGTAAAA TATTATACTAAAATTGTGG
39718493 F 0-50:G>C-50:G>C	TGCAGTGTCTAGAATAATATTGCAAATACATCAGGCTACGATTTTTCTTC GCTGTATAGTCTGAACTAT
39715128 F 0-22:C>G-22:C>G	TGCAGATTGAATTTTAGGTGTACATATGTGAATTTTAGGTGCTGGAACT GAAAGTTAGGTGCTGGAAA
39725048 F 0-30:C>T-30:C>T	TGCAGGAAACATTTATATTTCTTATTGACTCATTTCATGATCATGAATTAC
39715903 F 0-14:A>G-14:A>G	TGCAGCCATGGGCAATGCATCTAAAGCAATCTTCTTAGCATTCTCATAGG TTTTCAATAATTTAGATG
39720362 F 0-23:T>C-23:T>C	TGCAGGATGGATAGGTTAGGTCTTGTGTTGATAACATTTTCATTTAC
39716221 F 0-23:G>T-23:G>T	TGCAGCGTTGAGCGCTGCTTTCAGTGGCCTTTCAATGCTGCCATCATTGG TTCTTAGTTGATTTTCATGG
46765472 F 0-54:T>C-54:T>C	TGCAGTTGTTTTAGCGAAGACGTAACCGACCTCCAATGCGGGCTTGATC TTCTTGAGGACCATCTCCC
39717747 F 0-58:A>G-58:A>G	TGCAGTAACGGGACAAAACCCACGAATCTGCGGCTATGAGGTGACGTCG GGACCTGCGACTGTGAGCGA
39717754 F 0-8:C>T-8:C>T	TGCAGTAACTGAAACATGTGACCAACAACAAAATTCATCGTGGGTATTT CTTCCTCACGATTTTCTTCG
39724186 F 0-17:C>G-17:C>G	TGCAGTGTTCACGACGACGATGATGGCTTTGATTACGTGCTTCAAGG TTTGAATCACCATCTTGTG
39716594 F 0-21:C>T-21:C>T	TGCAGCTTCTCTGCTATTCCCAACTCTGCTAGAGGGCGGTGACATTCTTA TGTGGCTACCTTCAAAAA
39726987 F 0-32:A>T-32:A>T	TGCAGACTGAAAATAGCATACTAAATCTGAAAAATGTTTTAGTTGTTCC TAAATATTAC

39715458 F 0-34:T>G-34:T>G	TGCAGCACTAGTTCATTTGTTGACAGAGAATAAATTTTACAGTTACTAGA GTAATCTAGACAACAAGGA
39717129 F 0-32:T>C-32:T>C	TGCAGGCCCGTCCCAAATGAGATGGGACCCCTGTGATACTTTTCAAAGTG AGGTCCTAAATATTTTATAC
39717806 F 0-17:C>T-17:C>T	TGCAGTAATTGGAGCATCTCATTCCCTACGTGCAAATTTTTATCTTTCAGG TTTGGCATTTCAGTTAGCAA
39725525 F 0-34:A>T-34:A>T	TGCAGAAACTTTTGCTCGAGTCGAATCTATAGTTATAGCGATGTGGCGAA ATCTCTGTGGGAACTGAAG
39719111 F 0-19:C>T-19:C>T	TGCAGCAAGTGTTGATATGCTGATGACAATGATCCTTGTTTTGTTCCCTC CTGTATTCCATTTTATGAT
39726013 F 0-57:T>C-57:T>C	TGCAGCACAGCAGCAACTCAACTCAAATCATGACTTTTATATTTACTTTTT CTTTTTGTAAAGGAAATTG
39722500 F 0-68:G>T-68:G>T	TGCAGCATAATTAGCTTAGATAACCTTGTTTCTTCTGGTGTA AAAATTGCT TGTGGTGGTGAAATAGATG
39713824 F 0-29:G>T-29:G>T	TGCAGAAGATTTTAAATGAAACGTTTATAGATAAGCAGAAAGCTACGAA GAATTGAAGTGATACTGACA
39714019 F 0-42:C>T-42:C>T	TGCAGAATCTCATATAACTCAAGGAACCAAAAAGCCAATAGTTCCATACT CCTACTATTCCAATGTGTAT
39724502 F 0-51:G>C-51:G>C	TGCAGAGTGTTGGGGTTCGTTTCCGGTGAGGTCTGAGCGTCGTATGTAAC AGAGAACAAGAGATACAAG
39718406 F 0-59:C>G-59:C>G	TGCAGTGGATTGAAATGTGAGTCTTTGCTTTCATTTCTCACAATTTGGTC GTCACCTCACCTGGGCAA