Table S4. Satellite families in *C.elegans*

Genome	Family name	Number of sequences	Alignment length	Score	Consensus without gaps
Cele-UNSB01	Cele-UNSB01_Fam_1_12_169	169	14	0.769097	AGGCTTAGGCTT
Cele-UNSB01	Cele-UNSB01_Fam_2_35_166	166	46	0.624350	AAtTgAAAATTTCCGGCAAATCGGCAAaTTGCCGg
Cele-UNSB01	Cele-UNSB01_Fam_3_15_146	146	15	0.943142	AGACCCaTCGTGGTG
Cele-UNSB01	Cele-UNSB01_Fam_4_35_122	122	43	0.628454	ATTtcCCGCCAAAAtntTTTTCaCaGAAAATTTgA
Cele-UNSB01	Cele-UNSB01_Fam_5_40_94	94	41	0.668259	AantTTCTnGAAnaTTCcaGAAttTTCcaGAaTTTTCcaG
Cele-UNSB01	Cele-UNSB01_Fam_6_11_76	76	12	0.808392	GTACtcCTACA
Cele-UNSB01	Cele-UNSB01_Fam_7_15_70	70	15	0.830265	cTCCCCTTTTCGtAG
Cele-UNSB01	Cele-UNSB01_Fam_8_16_50	50	16	0.867364	CTACaTGCCTACaTGC
Cele-UNSB01	Cele-UNSB01_Fam_9_20_48	48	20	0.805585	tAcACGaAAAAATAGATTGt
Cele-UNSB01	Cele-UNSB01_Fam_10_25_41	41	27	0.791177	TTTACTCTCTGGCTTCaCantATAT
Cele-UNSB01	Cele-UNSB01_Fam_11_45_30	30	46	0.806030	AAGGATCAGAnCAtCAGgAGGTACCCtTgtGATCCTTCGgAgCTG
Cele-UNSB01	Cele-UNSB01_Fam_12_20_29	29	25	0.605057	tATtGATTTTTcTGnAAATT
Cele-UNSB01	Cele-UNSB01_Fam_13_31_27	27	32	0.817159	TAAATAtTTAGCAGACCAaAgtTgGGTaTGC
Cele-UNSB01	Cele-UNSB01_Fam_14_43_26	26	46	0.721271	TTTGCCGGAAATTTTcAaTTcCGGCAAtTTGCCGgTTTGCCGA
Cele-UNSB01	Cele-UNSB01_Fam_15_26_22	22	26	0.774226	cAGAGTCAcTAtTTTtGGTGAAcGGc
Cele-UNSB01	Cele-UNSB01_Fam_16_11_21	21	11	0.924964	TTTTGCACATT
Cele-UNSB01	Cele-UNSB01_Fam_17_37_19	19	44	0.712431	GGGAATTCAAAtTTTAATTTTTtGAAAAtATTTTGGC
Cele-UNSB01	Cele-UNSB01_Fam_18_19_18	18	19	0.859420	CAAGGCACtAGAAtTGCGc
Cele-UNSB01	Cele-UNSB01_Fam_19_14_17	17	14	0.892682	ACTACAaACTACAA
Cele-UNSB01	Cele-UNSB01_Fam_20_12_15	15	14	0.745805	TGTATATGTATA
Cele-UNSB01	Cele-UNSB01_Fam_21_18_14	14	18	0.786121	TGCAAgACTAaTAGaGac
Cele-UNSB01	Cele-UNSB01_Fam_22_59_13	13	60	0.818661	AAAACCAGTGcAcatTTGAAtTTCCATATTctCCATAATTCTCgGTTTtAAAaaTTTTG
Cele-UNSB01	Cele-UNSB01_Fam_23_20_12	12	21	0.831890	CtAGGCAGACCTAGCCTACC
Cele-UNSB01	Cele-UNSB01_Fam_24_32_11	11	34	0.834759	CTACAAACTACAAgTTTTGGGCGCTGCTaAgA
Cele-UNSB01	Cele-UNSB01_Fam_25_12_11	11	12	0.746970	ACgCGacACGCA
Cele-UNSB01	Cele-UNSB01_Fam_26_163_10	10	172	0.762446	ATCATATggAGTcATTCTTTTTTaTTtcATAAAACTgTTCAGcATAGTCAAAaaTACCAGAAaATgCcAAaCAAAGTATAnTAGCTTGTACGGAAGTatTTTTTTtaAAAATtgAtaAAAATatATAAAAGCTGaTtTTTTCAAAAATTCAAAAGTAtgggAAA
Cele-UNSB01	Cele-UNSB01_Fam_27_31_10	10	37	0.720120	ATTTCCCGCCAAAAAtTgaCTGAAAATTTGA
Cele-UNSB01	Cele-UNSB01_Fam_28_26_10	10	27	0.716324	TAGAcCattAGATgAATTtccAAAGT

```
Cele-UNSB01          Cele-UNSB01_Fam_29_21_10          10      23      0.611433        ATGCACTGACCAAaanTatga
Cele-UNSB01          Cele-UNSB01_Fam_30_12_10          10      14      0.713757        tTTTTATTTTTA
Cele-UNSB01          Cele-UNSB01_Fam_31_42_9            9      42      0.733686
CngaAAATTTcgaaAACCGGCAATTGCCgAAaTTGCCGAntg
Cele-UNSB01          Cele-UNSB01_Fam_32_26_9            9      26      0.800214        ATTgCGGCgGATTtTagaAAAaTGGC
Cele-UNSB01          Cele-UNSB01_Fam_33_18_9            9      23      0.628019        cAAAAATCaATAATTTCa
Cele-UNSB01          Cele-UNSB01_Fam_34_12_9            9      15      0.680247        CTATACCTATAc
Cele-UNSB01          Cele-UNSB01_Fam_35_12_9            9      12      0.876543        TCTAaGTCTAaG
Cele-UNSB01          Cele-UNSB01_Fam_36_10_9            9      11      0.771465        GCGgtAGCGG
Cele-UNSB01          Cele-UNSB01_Fam_37_18_8            8      19      0.681391        TAAGCCTAAGcCTaAgCc
Cele-UNSB01          Cele-UNSB01_Fam_38_18_8            8      19      0.829261        ATTAGCAGCGcCCAAAAa
Cele-UNSB01          Cele-UNSB01_Fam_39_14_8            8      14      0.894558        GCTATaCGCTATaC
Cele-UNSB01          Cele-UNSB01_Fam_40_166_7           7     173      0.740343
tAtcAAtTTTcAGacGCGCTAgaGgGGGTTTTTGTcTtGAaTTCCAATTTcaACagntatannAGGCnCAAAAAAACAAAAATAAAAaTTtTGGAaTTtnGGAnAATTTTTATAG
ATTTGgATTCTAGATTnTTTAAAAATATTaTTGGTAaGTTTtTGgaCCaagA
Cele-UNSB01          Cele-UNSB01_Fam_41_95_7            7      96      0.868386
AGGGCCGCAGGCCCGAAtACTCtTGGAAACTatGGGCtgGCTTTaATCCTATTCcAAGCAGATTGTTATTCaCTCAAGCCTAnnAACCAGGTTtG
Cele-UNSB01          Cele-UNSB01_Fam_42_19_7            7      23      0.619048        TAATtaaTattTATTTAtT
Cele-UNSB01          Cele-UNSB01_Fam_43_19_7            7      21      0.666667        CTCAACCAAaAttCTnAGC
Cele-UNSB01          Cele-UNSB01_Fam_44_21_7            7      21      0.628118        cAATTTTtggccTAAAAAttn
Cele-UNSB01          Cele-UNSB01_Fam_45_16_7            7      16      0.732143        TCtaAGGATCTaAGGA
Cele-UNSB01          Cele-UNSB01_Fam_46_226_6           6     228      0.781092
GTAACTaCgtGAAGCTTCTtGcACCTACTGGaATaTTGTTggTAtATTCTaAAAgAGCTTaaAATTTaCtACAAAGTTTCTGAAAGAcATTTCAAAAAAAGTTacTTTGAAGaG
ATTTatGAATTTTCAAAGTTtCgaAAATtcatCTAtTTTTGCCTATAAATGGTaGTTTTCATTaAATAATAAAATACGCACtaAAAGGTAgggCTGaaaAtGTactaTTTCT
Cele-UNSB01          Cele-UNSB01_Fam_47_94_6            6      94      0.946099
TCAAAATCTTCTGTTCTCTAAATATTGGGTGCTTTTCGATGCCCTaTGTAGACAAATCAATGGGAAAATcaTCAATTTCTGAAGGCAGTAATTC
Cele-UNSB01          Cele-UNSB01_Fam_48_33_6            6      33      0.649832
GCTGATTGGtTcAgAAAgTGGGCGgaGCtaAtC
Cele-UNSB01          Cele-UNSB01_Fam_49_21_6            6      25      0.624889        CTGACcAAATTtGTTcCaGCA
Cele-UNSB01          Cele-UNSB01_Fam_50_21_6            6      22      0.621212        TGACaAAAtnTnaaTTTGCAC
Cele-UNSB01          Cele-UNSB01_Fam_51_19_6            6      21      0.706878        gaAATTATCGATTTTtCga
Cele-UNSB01          Cele-UNSB01_Fam_52_18_6            6      19      0.691228        ngGTAGgCAATGAGCAAg
Cele-UNSB01          Cele-UNSB01_Fam_53_17_6            6      18      0.858025        GATGCCCCTcTGAACG
Cele-UNSB01          Cele-UNSB01_Fam_54_16_6            6      16      0.865278        AATTTTTCcGCaGCaA
Cele-UNSB01          Cele-UNSB01_Fam_55_15_6            6      15      0.952593        GGGGGCAACAAAAtA
Cele-UNSB01          Cele-UNSB01_Fam_56_11_6            6      11      0.838384        aAGTTGTCACg
Cele-UNSB01          Cele-UNSB01_Fam_57_200_5           5     228      0.666228
AACgGcATTtcAAAaAaTTtcaaAaccgCCaAgTTCAagCAgAaaaagtGAAtTTTcAgtcATacctTgTagACcacaAtTTATaTgCAAAATTAaTAGAtTTTCCAAacTTTg
AAAATTAATtTCTGGCTTcAAAcTAACTTTTTtTaaAAAtCCCGTaGCCATTTTGTaGCAAATTTTatGtTCTtTCAGAATTTaAA
Cele-UNSB01          Cele-UNSB01_Fam_58_48_5            5      48      0.900000
TTGCCCGTAATTTATAttTTTCTGAAGATGAGcAATTtAatTtTTGAt
Cele-UNSB01          Cele-UNSB01_Fam_59_31_5            5      32      0.826042
TGTCtAGCGAGAtagCAGAaaAGAGCTGAGT
Cele-UNSB01          Cele-UNSB01_Fam_60_25_5            5      25      0.904000        TTACTCTAATGTTCTGCcAAtttAT
Cele-UNSB01          Cele-UNSB01_Fam_61_19_5            5      22      0.775758        TGGTTGAGGCTCTcgATTT
```

Cele-UNSB01	Cele-UNSB01_Fam_62_21_5	5	22	0.863636	AATCCAATATGGacgAAATCT
Cele-UNSB01	Cele-UNSB01_Fam_63_19_5	5	21	0.695238	AAtTTacCAATTTAcCAAa
Cele-UNSB01	Cele-UNSB01_Fam_64_17_5	5	18	0.848148	TcATTCCGTgATTATTT
Cele-UNSB01	Cele-UNSB01_Fam_65_11_5	5	14	0.697619	TGCCTgCCTAC
Cele-UNSB01	Cele-UNSB01_Fam_66_11_5	5	11	0.951515	TTTGGAGCGGt
Cele-UNSB01	Cele-UNSB01_Fam_67_184_4	4	189	0.862140	

GAATACAGAACACCAaTTATGtCCGAGAAAAAGATCCtAcTCAGAATATAaACATAtTcGAATttatCGGAtGTATAaAGATTCCCGAAGAcaCTTTCCAATTAcCCAAAttGT
TCAtATTCTAAAtgAaATTCtCTTACTaGAACACTCTTGGCCAATGTACGCAGCCGAACGTATCATAAGT

Cele-UNSB01	Cele-UNSB01_Fam_68_64_4	4	67	0.721393	

gGTCTGCtAaATCaAAacTTGTAGTTTGTAGtCTAGCAGACCaAatTTcTtcAAaACcaCaTtG

Cele-UNSB01	Cele-UNSB01_Fam_69_39_4	4	40	0.856944	

TAtTTTTAAttTgaCCTaCTTAAAAAGTAGGTCATGACC

Cele-UNSB01	Cele-UNSB01_Fam_70_36_4	4	36	0.754630	

tTTCGGCAAtTTcGacAATTGCCGGTTTtggaAAtt

Cele-UNSB01	Cele-UNSB01_Fam_71_30_4	4	30	0.777778	

TTTCtAGAaaaaTcTGGAAagTTCTAGAAt

Cele-UNSB01	Cele-UNSB01_Fam_72_30_4	4	30	0.983333	

AATTTTCCAGAAGGTTCTGGAACaTTCCAG

Cele-UNSB01	Cele-UNSB01_Fam_73_20_4	4	23	0.677536	tTTcACTAAAAATCTcAAAa
Cele-UNSB01	Cele-UNSB01_Fam_74_21_4	4	22	0.651515	GTCAGTGCAActtTgcAatTG
Cele-UNSB01	Cele-UNSB01_Fam_75_20_4	4	20	0.744444	gTgAAAaTTtaAATTTtTgA
Cele-UNSB01	Cele-UNSB01_Fam_76_14_4	4	15	0.727778	TTaGGGCcTtgGGC
Cele-UNSB01	Cele-UNSB01_Fam_77_15_4	4	15	0.955556	TTTCCGGATCTACGt
Cele-UNSB01	Cele-UNSB01_Fam_78_13_4	4	13	0.897436	GCCTATGGCcTAc
Cele-UNSB01	Cele-UNSB01_Fam_79_12_4	4	12	0.840278	TTTTtCCGAAat
Cele-UNSB01	Cele-UNSB01_Fam_80_12_4	4	12	0.662037	AgaAgGAGgAaa
Cele-UNSB01	Cele-UNSB01_Fam_81_10_4	4	10	0.800000	TCccGATCcA
Cele-UNSB01	Cele-UNSB01_Fam_82_167_3	3	172	0.651809	

nTATAATGcTCGTAATTATTtATAAGTgTGTGTTGTCTCAGAgcCAngTCTgAAAAaACAGATTTTTTtTcGAAAaTTTtAAaAacttcGtAaAAATTcgATTTTtGACanaTc
tATgnTctCTnTTTTTtTntgAcATgTAtTTCAGTGAcAtAnaganTcAaAAa

Cele-UNSB01	Cele-UNSB01_Fam_83_90_3	3	95	0.673684	

ccccGAACGTGTCGGCCGCtTCCAAAtAACcACCTccTngCACTaCgTTGCGCACACAcnaanctaCTcgTTTCACGcCAAgCTgCGGAA

Cele-UNSB01	Cele-UNSB01_Fam_84_79_3	3	79	0.909986	

gTGAATCTCCtCTCtaCCTAATGAgTCCTGACAGAATACCGGCAGTATTcTGGGGTCTCATTAGGTTTTaGTTTCTTcT

Cele-UNSB01	Cele-UNSB01_Fam_85_76_3	3	76	0.906433	

AATGCTAGAgGACAcTCCTTTGCACGAAaGgAAGTGGGAGAGACTGTGGaGTTGTCGGTGTCTtTGTgCATGCTCg

Cele-UNSB01	Cele-UNSB01_Fam_86_64_3	3	64	0.954861	

TTTTTGACTACtGAATGTCTTTTTCGCTACTGACTGaAAAAATAGCTACATTCGCACTTTTGtC

Cele-UNSB01	Cele-UNSB01_Fam_87_34_3	3	34	0.980392	

ATGCACCATGTCAAAAAATATATCCAAAAgTACG

Cele-UNSB01	Cele-UNSB01_Fam_88_32_3	3	32	0.972222	

GCACCAAATAGCACCAATgTAGCACCGATGGA

Cele-UNSB01	Cele-UNSB01_Fam_89_32_3	3	32	0.972222	

CGACCTGCGACCTAGCGACCTaGGTCGCTTTG

Cele-UNSB01	Cele-UNSB01_Fam_90_27_3	3	27	0.658436	aGCaGCCGACACCTtaCnGGTtgcttA

```
Cele-UNSB01          Cele-UNSB01_Fam_91_21_3          3       23      0.801932        CTAgAAAAACTCGGCCAtCAA
Cele-UNSB01          Cele-UNSB01_Fam_92_21_3          3       23      0.748792        TAGTTTaTAGTTTGtaGTTTG
Cele-UNSB01          Cele-UNSB01_Fam_93_20_3          3       22      0.656566        GTCGATTTACGgGAgTTcnT
Cele-UNSB01          Cele-UNSB01_Fam_94_21_3          3       22      0.843434        CCATTTTAAGCCAATTTTggA
Cele-UNSB01          Cele-UNSB01_Fam_95_22_3          3       22      0.777778        AcTACAGTAccCcTACAgTACc
Cele-UNSB01          Cele-UNSB01_Fam_96_19_3          3       21      0.608466        GCCTAGaAATCtnAtgATG
Cele-UNSB01          Cele-UNSB01_Fam_97_18_3          3       21      0.761905        TTTTGTCAGTGCTATAgT
Cele-UNSB01          Cele-UNSB01_Fam_98_20_3          3       21      0.719577        GTAAATCTACActaGCTncC
Cele-UNSB01          Cele-UNSB01_Fam_99_21_3          3       21      0.767196        ACTACcGTACCaaCtACcACa
Cele-UNSB01          Cele-UNSB01_Fam_100_21_3         3       21      0.957672        CTAACATTTTTCAaTTTTCGT
Cele-UNSB01          Cele-UNSB01_Fam_101_21_3         3       21      0.682540        GTgcaaatgnAtnnttGgTca
Cele-UNSB01          Cele-UNSB01_Fam_102_20_3         3       20      0.688889        GTAAATCtACAtAgaaCntC
Cele-UNSB01          Cele-UNSB01_Fam_103_20_3         3       20      0.822222        AtACGAtATAGCTATttACG
Cele-UNSB01          Cele-UNSB01_Fam_104_16_3         3       16      0.777778        TTcCAGGgTTcCAGGg
Cele-UNSB01          Cele-UNSB01_Fam_105_11_3         3       12      0.787037        ATTTGgAATAT
Cele-UNSB01          Cele-UNSB01_Fam_106_11_3         3       12      0.722222        ncCACTGACCA
Cele-UNSB01          Cele-UNSB01_Fam_107_151_2        2       151     0.924945
TTTAAAGGCGCATAGGTAGtTCAAANTTCAAANTTGACGGATTCTAGTCAATATGGGGCTTATTTTAAAGCTCTCAGTAAGCTNAATNTANTTNAGCTACTaAaAATTGAANAT
TTTNAAATTTTTTGGGTCTCGCAGCGAAAATTTCGAA
Cele-UNSB01          Cele-UNSB01_Fam_108_119_2        2       119     0.607843
GCcacCcTTAAcCCTAAcCCAaGCAGAGCAGGacGTAGGCCTGaaAcGcGGTaGcgAcaCaaTCAaGCCcAAcAacCaGGgaTGAGGGCCGCAGGCCCgaaaACTCTTaGAAAC
TgTaG
Cele-UNSB01          Cele-UNSB01_Fam_109_110_2        2       110     0.745455
TTTTCACaTTTTCAcgTGATTATaTAGGTCACGAaCcAAaTTATTTTGAAAATTGAcCTacacGGacCTaTAACTTTGGAGaTATGGGaAATcaAGTATGaGCTTTCAGAT
Cele-UNSB01          Cele-UNSB01_Fam_110_86_2         2       86      0.689922
CAATAggGAAAAGATGGAAGAcTaCgaAGttAAcgAgAAgCTATTGacAGACCCCGAAATACTGGCTGTATTTTGAAAGGTCaTcg
Cele-UNSB01          Cele-UNSB01_Fam_111_73_2         2       73      0.945205
AATAAAATATTGGAAATCCcTATGACACACTTAAGCCTAAAGGCCCGAAAAAaAaACTAGGATGCCCAACTGG
Cele-UNSB01          Cele-UNSB01_Fam_112_71_2         2       71      0.626761
aAGACACTAATAAAAATaTTaaATTTTTATTCGTCtTcTAaTTTgAaAAtAtATTTTCttaATaAAAATag
Cele-UNSB01          Cele-UNSB01_Fam_113_68_2         2       68      0.838235
CAAATCAACCTATTCAGTTGACAATGGTTTTCTTTTAcCAAAaTTcTTaaAATTTcagAAAGAAAACA
Cele-UNSB01          Cele-UNSB01_Fam_114_44_2         2       44      0.681818
cCAGCCGACAGCCGAAAaaTTcacGaATTTTCGGCTGGTaGCac
Cele-UNSB01          Cele-UNSB01_Fam_115_44_2         2       44      0.704545
aCGGCAAAtTCGGCAAaTnCTgcTTTTTTcAAtATTTGCCGAGC
Cele-UNSB01          Cele-UNSB01_Fam_116_44_2         2       44      0.969697
CTGTTTTCTGAGCATTgTAGATTTTCGGATTGATGGCCGAAAGG
Cele-UNSB01          Cele-UNSB01_Fam_117_41_2         2       41      0.711382
ccGTTTCGCcTTGAGCGATTcCttACCCTTAAATGGGCccC
Cele-UNSB01          Cele-UNSB01_Fam_118_41_2         2       41      1.000000
AAAACGGGAAAACGGGAATTCCCGTTCCCGTGAAAATTTTA
Cele-UNSB01          Cele-UNSB01_Fam_119_40_2         2       40      0.975000
AAAATCCACGTAGATTATTGATTTTTCATgGAATTTTGCA
```

```
Cele-UNSB01          Cele-UNSB01_Fam_120_39_2          2          39          0.897436
TTTATGaAAAAGTGGCTCTAGaGCCACaAGAAATACCAG
Cele-UNSB01          Cele-UNSB01_Fam_121_36_2          2          36          0.601852
cGGCAaAtTaCCaTaAATTTTaAAATcCGGCAaAAc
Cele-UNSB01          Cele-UNSB01_Fam_122_35_2          2          35          0.666667
AAAATCGaaaAATTcTCGaTTTTTCAATTTTTaga
Cele-UNSB01          Cele-UNSB01_Fam_123_34_2          2          34          0.612745
cCaCCCGGcAGGTGTCGGCTGCTaaaaCTAtAaC
Cele-UNSB01          Cele-UNSB01_Fam_124_32_2          2          32          0.671875
tTTTTTGAGCcaAAAATTCtaAAAAATgCTCa
Cele-UNSB01          Cele-UNSB01_Fam_125_31_2          2          31          0.752688
GGTTACTGTAaaTCaATcaTAGGATACTTtG
Cele-UNSB01          Cele-UNSB01_Fam_126_31_2          2          31          0.784946
CTGAAATTacaAaTTTCCAaTGTAAAAATGT
Cele-UNSB01          Cele-UNSB01_Fam_127_31_2          2          31          0.956989
TCGACAGAAGCTGTCGGAaATCACACTTTCC
Cele-UNSB01          Cele-UNSB01_Fam_128_27_2          2          27          0.901235          GCTGCTGGAGGATCaACTGCATCAACc
Cele-UNSB01          Cele-UNSB01_Fam_129_26_2          2          26          1.000000          CAAAACCGGCAATTGCCGAAAATTCC
Cele-UNSB01          Cele-UNSB01_Fam_130_26_2          2          26          0.948718          TCAaGGCGAAACGGGAGGTGAATCGC
Cele-UNSB01          Cele-UNSB01_Fam_131_24_2          2          24          0.722222          gGCATCTGccGCcGGAGCTGGaGC
Cele-UNSB01          Cele-UNSB01_Fam_132_24_2          2          24          0.680556          GCcTAGaCTcaGGCTTAGGCTtAa
Cele-UNSB01          Cele-UNSB01_Fam_133_23_2          2          23          0.630435          aATTTCTAGGCCACcAcgTTcAg
Cele-UNSB01          Cele-UNSB01_Fam_134_23_2          2          23          0.673913          tCTAATTAGATnCaCCtTcTTTT
Cele-UNSB01          Cele-UNSB01_Fam_135_23_2          2          23          0.659420          ATTaaATTTTTCAaCaaAAAAAa
Cele-UNSB01          Cele-UNSB01_Fam_136_22_2          2          22          0.643939          aATAAAAATgTCAcAAAAtATg
Cele-UNSB01          Cele-UNSB01_Fam_137_22_2          2          22          0.681818          GTAAATCTACAcaaATagCCCC
Cele-UNSB01          Cele-UNSB01_Fam_138_22_2          2          22          0.621212          TTcaAGCcaTTTTCaGACcAAT
Cele-UNSB01          Cele-UNSB01_Fam_139_22_2          2          22          0.765152          TTTGCACTGACCAAcAaaAATg
Cele-UNSB01          Cele-UNSB01_Fam_140_22_2          2          22          1.000000          TCGAGAAAAAATCTGAAAAAAT
Cele-UNSB01          Cele-UNSB01_Fam_141_22_2          2          22          0.954545          ATTCTGCGCACCCCCTGCGCaG
Cele-UNSB01          Cele-UNSB01_Fam_142_20_2          2          20          0.933333          CCACCAAAAAgGTTTCTAGG
Cele-UNSB01          Cele-UNSB01_Fam_143_20_2          2          20          0.950000          GGACTAGTTTTcGAGTAGAG
Cele-UNSB01          Cele-UNSB01_Fam_144_20_2          2          20          0.750000          TGTAGATTTACaaAGGaCaA
Cele-UNSB01          Cele-UNSB01_Fam_145_20_2          2          20          0.866667          CCCCGAaGCTCGAGCTCAAa
Cele-UNSB01          Cele-UNSB01_Fam_146_20_2          2          20          0.800000          CCACCCTGTAaaATcATGGA
Cele-UNSB01          Cele-UNSB01_Fam_147_19_2          2          19          0.684211          CTAGGTGCCTAcTccATgC
Cele-UNSB01          Cele-UNSB01_Fam_148_19_2          2          19          0.929825          CGCCAAGgATCGAGAAAAG
Cele-UNSB01          Cele-UNSB01_Fam_149_17_2          2          17          0.656863          gCaGaTTGCCgGAATTG
Cele-UNSB01          Cele-UNSB01_Fam_150_17_2          2          17          0.803922          GCACTGAcCAAcTTTTT
Cele-UNSB01          Cele-UNSB01_Fam_151_16_2          2          16          0.750000          GTaCTGGGGTaCTGGG
Cele-UNSB01          Cele-UNSB01_Fam_152_15_2          2          15          0.622222          CGATgCTCCACCaga
Cele-UNSB01          Cele-UNSB01_Fam_153_14_2          2          14          0.761905          TaTACAAAAAnGTA
Cele-UNSB01          Cele-UNSB01_Fam_154_14_2          2          14          0.666667          cCTCAAGCgTAGGa
Cele-UNSB01          Cele-UNSB01_Fam_155_14_2          2          14          1.000000          GAAGGATCGGGCCG
Cele-UNSB01          Cele-UNSB01_Fam_156_14_2          2          14          0.619048          gATAATTgAaAATc
```

```
Cele-UNSB01        Cele-UNSB01_Fam_157_12_2        2        12        0.680556        TTggGCAAGAAa
Cele-UNSB01        Cele-UNSB01_Fam_158_11_2        2        11        0.878788        AAACTTGGGCa
Cele-UNSB01        Cele-UNSB01_Fam_159_11_2        2        11        0.636364        cGGAaAATTaA
Cele-UNSB01        Cele-UNSB01_Fam_160_11_2        2        11        0.636364        cATAaCTGAGa
Cele-UNSB01        Cele-UNSB01_Fam_161_255_1        1        255        0.000000
AACAAGTCGGGAACGTTCGGAAAGCTCTGAGGAAAACTCCGACAATATCATGCTTAAGTACGCAATTGAGCTATCTTTATTAGATTCGAAAAAGGACTCTTCAAAAATTGAAGC
AATAACGAAGAAGCTTAAGTTGGAACTGGCGAAGCTTAAATTGGGANTTATGCAGTCTTTATCAGATTCAAAAGACGATTCTTCGACCAATGAAGCAAGTCCGGAGNACGATCT
ACCTTCGACTTCTGATGGCAGAACTCC
Cele-UNSB01        Cele-UNSB01_Fam_162_249_1        1        249        0.000000
CTGGAAGCACTGTAACCATGGGATCATCAAGCACTTCCGGTGTTTCCACATCTTCAGCATCCAGTACTCAGCCTCAGATGAGCACTTCACAAGGAAGTTCAGCAGGATCCACAG
TTGCTTCATCAACCGCTGGCCTTGTTTCAACTTCCACAGTTCCATCCTCGACAGGAACAATGGGCTCCACTTCTAGTGGAACAGTTGGATCTACAATTTCTGAATCATCGACAA
CAGCATCTGCAAGTTCTCAGA
Cele-UNSB01        Cele-UNSB01_Fam_163_231_1        1        231        0.000000
GCTGAATTCAGTTGGATATGAATGCACTTCCGTTGTGAGTGGAATATCATGAATGTTNGATGCTCGTGAAGTAGANTCNAGTGGTCCATCATAAGATTCAGACACTGGATAATC
AAGATGAGATGGTGATTTCTTGAACAATCCAGTGATCTTAGATTTCAGTGATGGCTCGTCCTTCTTCTGTCTCCTCGATCACAACTGGAATGACATGCTCTGGCAGCTTCTC
ATA
Cele-UNSB01        Cele-UNSB01_Fam_164_228_1        1        228        0.000000
CCACCAGATCAGCAACGTCTCATCTTCGCCGGAAAGCAACTCGAGGACGGCCGCACCCTTTCGGACTACAACATCCAGAAGGAATCAACTCTTCATTTGGTTCTCCGTCTGAGA
GGAGGTATGCAGATCTTCGTCAAGACATTGACCGGAAAGACCATCACCCTCGAAGTCGAAGCCTCCGACACCATCGAAAATGTCAAGGCCAAGATCCAAGACAAGGAAGGAATC
Cele-UNSB01        Cele-UNSB01_Fam_165_189_1        1        189        0.000000
TTTTTTTTGACTATGGAATTATAAAGAAAATCGAATTTCAAAAAAGCATGTATTAGCCAATGTAAACGCGCTCCAATGATGATGTAGCCCACGTGGTATCAGAGTGTCTCTTTA
CGGCTTGATTTAAATACGTAGATCTACAAATTCACTTATCTGTTTTCTCACGGGTTTAGGATATTTTTTCTGTTA
Cele-UNSB01        Cele-UNSB01_Fam_166_184_1        1        184        0.000000
GTTCAAAAGATACAAAATTTATCTACACATCTACAAGTTAAACTTGCAACTTAGTTAACCAAATTCAAAAGTTATGAGCCGGGGAACTATAATAACCAACGTTTCACACTAAAA
AAGCCCAAAAAAATTCGAAAATCATTTTTATCTCATGACGCGGACAAGCTACAAATGTCTAGTTAGGCTT
Cele-UNSB01        Cele-UNSB01_Fam_167_183_1        1        183        0.000000
TTTCTCTGCGTCTCGCCTCGCCTCACACTATTTTNCACACCAAACTTTGAGNCTATGTATCTCTGTAACGGGTTGCGCTTTCTGAAAAATTCCAACTGACGGGATATATAAAT
TTNGAATTCTTTCTCACCGTTAAAAAACTAAACACCTAGGCAAGACGCAGACAGCGAGANACCCCCAAT
Cele-UNSB01        Cele-UNSB01_Fam_168_181_1        1        181        0.000000
TTTTTAACTTTTAAATCCACTAAAACTCGGAATGGTACAGAACATGCAAATTGTAATTTCAAGAACTGAATGTGGTTTCGAATATTTATGGATTGCTTTATTCTAAAACTGACT
CTGAAATATTTTGCATCCATTTGACTACTAATTGTCATATTATACCGAACACTACTAACTTTAGTGG
Cele-UNSB01        Cele-UNSB01_Fam_169_180_1        1        180        0.000000
TGTCGGCCGCTGTATCTTTTGCCTCAATTTTTTTTNAATTTTNAAACATNCATATTCCAGTAGATAACATTATGAGCTACAGTTTGTTAGTTAAAATTTTATTTCTAAAATTAC
TAGTTTCTGAGTTATACTCATTCCAACCCACCCCAAGAGAAATTTCCTAAAAATGAACTCGCGAGG
Cele-UNSB01        Cele-UNSB01_Fam_170_179_1        1        179        0.000000
CTACCCAAATTTTTGAAATTTGGAAATTTTTCAAAAATTCTCAAATTTTCAAAATCCCATAATTCAGCCAATTTTTGAGATTTTCAGATATTTTTTAATTGAAAATTCTGTTTG
TCTTATCCATTAAACTATATCGCTGCATCTACATTTTTCACAGTACCCATGACTTTTCCCGATT
Cele-UNSB01        Cele-UNSB01_Fam_171_177_1        1        177        0.000000
CTAACAAAATAATCAGCGTAAAATTTCCTACATTTTACTAGTTAACAATATTTTGATAACATCAGTGGTTTTTGAGATACGCAAGTTTTAAGGTGGACGCCCAAAAATAGTTGT
GAGCAGCTTTAATCAAAAACCGACATAACTTTTTACTCACTAACGGTATCAAAAATGTTTTAA
Cele-UNSB01        Cele-UNSB01_Fam_172_177_1        1        177        0.000000
GAGTCTCACGATGTGTCAACGTGTCTCAGTCGGCTTGATCTACGTAGATCTACAAAAAATGCGGGAGAAGAGACGCAGACTTATTCTCTGATTTTGCATGAGTAAGAGCGTGCT
GGCGTCACATTTTTGTCGGCAAAAAATTCCCGCATTTTTTGTAGATCAAACCGTAATGGGACG
```

```
Cele-UNSB01          Cele-UNSB01_Fam_173_175_1          1          175     0.000000
GATGCACCATGTCTTTGACAGTCAATATCTCGGTTTATTTTGTAGCTATCAAAAAATTTTCAACTACAAATCTATAGAAAATTAAATGTTCAACATTTTCTCAGTTGACAGTTT
TTTGATAACTGCAATGACATCCGAGATATGAGCTTTCAAAGTTGAGAGACCTCACTCGGTT
Cele-UNSB01          Cele-UNSB01_Fam_174_175_1          1          175     0.000000
AACTTGTGACGGTGGGTATGGATTTTATGCACATAATTTGTTCGAAATAGTCTACCNAGTAAACTGGTGAAGTTTCAAAAACTTTGTGGATCTAGTTTTTGAAAAAAGTTCAAA
ATTGTGCCAATTTTGACCAATTTTGGTGGTTTTCTGAGCTAAAATTGAAAAGTTGGGAATG
Cele-UNSB01          Cele-UNSB01_Fam_175_175_1          1          175     0.000000
AAATTTTGGGTTCACTCTTTTTACTAGACAGTGATTGTTGCATTGTAGGATTCGGTGGACTTGTCCAACAACTTACTTTGGCATGAGTTTAATAAAAAGGTTTTACCATGAACT
GAATCAATTCAAAATAAAAACCTCGAGAATGAAAACATCCTCAGTAATTTCAATCCTGTTC
Cele-UNSB01          Cele-UNSB01_Fam_176_174_1          1          174     0.000000
CTTCAAGAGCTCAGTGTTATTTATGACATGCCAACCTCGACAATTGACCTGAACATGCTCCAAGGAATCGAAGACAACTTGAACAGCCTTCCAGCTGAAGAATCTGATAAGATC
CGAGAGAAGATTAACGATCTGAGAAGAAGGAAACAAGAAAGCGATCAAGCTGAAGCTCTT
Cele-UNSB01          Cele-UNSB01_Fam_177_165_1          1          165     0.000000
CTTTTCCAAAATGGCAATTTTTGATGAAAAAAATCCGAATTTTCACAAATTTCAAAAAAATTTTTAAACTTTATAATTTTAGCTTTGAATATTCCAAATGGAACTGTCATAACC
TATCAATTTGATATATAAACTCGTGCCTACCTTCAGGCATTCAGTTTTCAC
Cele-UNSB01          Cele-UNSB01_Fam_178_155_1          1          155     0.000000
TCCCGCTGTGGTTAAAAGTTTTTTGCGTGCTCAGTTCTGTACGGTAAATGTGTTAAAAACTTCTGGAAACTTGAAATTCCAAGTTATTCAGAAAATTGTTCAAATGGCGCAGTG
GGAAATTCGATTTCTCAGACCCAAGAGGCCACGGGTTCAAT
Cele-UNSB01          Cele-UNSB01_Fam_179_153_1          1          153     0.000000
TGAGGTGCAGGGCGTGATGAGCTTTGTTGAACTGGGAACTGTTGATTCCCGGAGCCGTGATTCATAGATGAGTTGGAGGGACCTGCTGTGGAACTTGTTTCAACTTGAGCAATT
CCATGAGCCATCAAGAAGCTTTCCGGCAGATTGGGCAAC
Cele-UNSB01          Cele-UNSB01_Fam_180_151_1          1          151     0.000000
CATTTCAGATATTCCATCACCACCAACACCTTCATCCACTTCTTCGCCTGGAACGACGGGATTTTCTACAAAAATCGGATTTTTTCTCTATGTCAGTTTAATTGATGTATAATT
CCGAAAGTCAGTCTTTCCTAGGTTTTTAAATTGAAA
Cele-UNSB01          Cele-UNSB01_Fam_181_150_1          1          150     0.000000
TTGCAACATGCGGTCGGCGGAAAATTCGAATTTTTCAGTCCAAAACAGGTTTTTCGACCAATTTTTCATATTTTCAAGCGAAATTATGATAGAAAATTCAAATTTTCACTAAAA
ATCGCCAATTTTCCACATTTTCTCATTGGAGCGCAC
Cele-UNSB01          Cele-UNSB01_Fam_182_150_1          1          150     0.000000
TTGAGGGCCGCAGTCCCGAATACACGAAGAAGTGTTGGAGATCCGTCAAGCCTATTCTAAGCATAATAATTCAGTTCGAGTGTCGCAAGCCCAAATAGACGCAGAAGCGTTGGA
CAACTTTTAGGCCTATTCTGAGCCCAATAATTCATG
Cele-UNSB01          Cele-UNSB01_Fam_183_146_1          1          146     0.000000
TGGCCTAGAAATCNCAAGTTTGCAAAAGTTAGGCCACCAACTTCAAATGCCTATAACTCAGCGGAAAATCAATATTTTCCATTGATTTTAACTGCTAAGATGTAGCCAATTACG
TAGCGCAACTTTTTGGCCTACTTAACAATTGG
Cele-UNSB01          Cele-UNSB01_Fam_184_144_1          1          144     0.000000
TTCTAGGCCACCAATTGGAAATCATCATAACTTGGCTTAAAATCCAGATTTTTGGAGTCTGGTAACTGCAACATGTTGCCCTGTAGTTTTTCTACAAGTTAGGATATATTAATT
TTTGGTGGCCTAAAAGTCCAAATTATGGAT
Cele-UNSB01          Cele-UNSB01_Fam_185_143_1          1          143     0.000000
CAGTGGGATTTTCAATGTCTTCCAATCAAACGTCCGGGGTTCGAGTCCGCACAGGGGTATTTATTTTTTGCAAGCTGTGATTAACAAGTTTATAGCTGCAAAAGTCATTTTAAT
CGAACTTTCAGGAAAATGTCCGAATGGCG
Cele-UNSB01          Cele-UNSB01_Fam_186_124_1          1          124     0.000000
AATTTTCAAAGTTTGGAAAATCTATTAATTTTGCATATAATTTTTATAAATTCTGAAAGAACATAAAATTTGCTACAAAATGGCTACGGGAATTTCTAAAAAATTTAGTTTGAA
GNCAGAAATT
Cele-UNSB01          Cele-UNSB01_Fam_187_122_1          1          122     0.000000
GATCTACAAAAATGCGGGAAAAGTGACACAGAGTTCTCAACTGATTTTGCATAAAAATTCCCGCATTTTTTGGAGATCAAACCGTGATGGGACAGCCTGGCACCACTTGCTTGA
TCTACGTA
```

```
Cele-UNSB01          Cele-UNSB01_Fam_188_121_1          1          121     0.000000
GTTGCAAACCGCAAGAGCAAACTTGCCAAATGAAAAGCCACCCAAGTACTCGTTGCACCTACCTATCATAAGCTCGTAGACTATAATTTCTCTGAAAAGATAGTTGCCCTAATA
GCAGAAG
Cele-UNSB01          Cele-UNSB01_Fam_189_119_1          1          119     0.000000
GGCCACCGTTGCATATTTCGCAATAATTTTTACGGGAACGTAATCTCCACGTCACCAGCTTTCATTTAAGTACCCACACGGCAAGGTTTAATTTTTGAAATTTGGTCGCGGATT
TTCTC
Cele-UNSB01          Cele-UNSB01_Fam_190_117_1          1          117     0.000000
TACTTCAGATGTTTCCTTTGATTCCACAGGTGCAAGTTTCTCAACTGTTGGTTCGACAGTAGGTGCACTAGTCTCTGGCACTGGAACATCCTTTTGCTCAACAATTTCAGCTGG
TTG
Cele-UNSB01          Cele-UNSB01_Fam_191_114_1          1          114     0.000000
GTGTTTCAGAATTACATGGAGTCTCACTACTTGCAGAATTTGTGGCTGTAGACGATGGGCCTGCTGTAGTTGAATCGTTTGGAACTGTCATAGTGGATGTTCCATCAGACGTTT
Cele-UNSB01          Cele-UNSB01_Fam_192_108_1          1          108     0.000000
ATCCTCAACACCATCNGCGTCATCTAGTTCCTCCGGAACTATGTCGACAATTTCAGGATCAACTGGTTCNACAGTTACAGTTGTACCAGGATCNTCTAGCACATTTGG
Cele-UNSB01          Cele-UNSB01_Fam_193_108_1          1          108     0.000000
TGGGTAATCAGGTACGGGCTTTCAGATTTTCAAGTTTTCACGTGAATATCTAGGTCACGAGCCAATTTCAGCCAGGAGTGGGACTAGAGATATGAAACTCTTGGGTTA
Cele-UNSB01          Cele-UNSB01_Fam_194_108_1          1          108     0.000000
AAGTCTTCTTGATTCTGAGTTCTTGCTTCGAACTGTTGACCATCTCCTTGCAGGATCTTATTGTCAGATGGAACCTTCTTGGCATACCGTTCTCCACTGATGTGAGTG
Cele-UNSB01          Cele-UNSB01_Fam_195_104_1          1          104     0.000000
CCTGCGAAAGCGAATCTCTGGCCTGGCGGAGGGCCAACTAACTCTCTCCCTCAAGCCTTCGGGTGCTTCCTGGGTTATCGGTGAATTTTTGGGTCTGTCAGGGT
Cele-UNSB01          Cele-UNSB01_Fam_196_102_1          1          102     0.000000
TGATATGTCGAACGATTGATAGTTTGAGAATCAAGAGAATCTGTTGGACGATCAATTCCATCTTTGGGTCTTGCTGCAGCATATCTTTCTCCAGTACCACCT
Cele-UNSB01          Cele-UNSB01_Fam_197_102_1          1          102     0.000000
TGTACACTTCTCCCAAATTGACTGTAAGAATGGACTCCTTATATGATTTTAAACCCGACTCTGGACATACAAACTTCTCTCAAAAAGAAAATAGACTTCACA
Cele-UNSB01          Cele-UNSB01_Fam_198_101_1          1          101     0.000000
GCATTTGCATATNGAGATCAGATAAAAGTTAGAATTTTCCAGCCGTTGCAAGTGCGCTCTATTGAGAACATTTTGAAAATTGAATGTTTTCACATTAGAGC
Cele-UNSB01          Cele-UNSB01_Fam_199_101_1          1          101     0.000000
GGTTACTGTAGCTCCAGAAATACGCAAACACCGACTACGGTTCCCTAATACATCAGATATTACGACAAAGTGCAGAAAATCGCTAAAAATGACTTTACTGG
Cele-UNSB01          Cele-UNSB01_Fam_200_101_1          1          101     0.000000
TTGATTTTTCGTCTTATGAAGGAATATTGGTTTCGGGGTAGTGGGCGGATATGGTCGGGGTACTGTAGGTATACGGTAGGGTTACTGTAGTTTTGGAAATT
Cele-UNSB01          Cele-UNSB01_Fam_201_96_1          1          96      0.000000
GGTTGATTTGCGGCACTCTACAGATAGTGGATCTGCTTCTTACCAATCTTCCCGTTACCGCCACGCACTTAAGCTCCAAACTATTTTATTTTTTTG
Cele-UNSB01          Cele-UNSB01_Fam_202_96_1          1          96      0.000000
GTTCCCATAATTGGGTTAAATACCACTCATAAGTAACTAGTATGGGACTGAAAAGATACTAAATGAGCTTATTCTAAGGGTGAAGCTTCTGGTAAT
Cele-UNSB01          Cele-UNSB01_Fam_203_93_1          1          93      0.000000
TGCTTCTCGTCGTCCACCACCACCACCGAAGGGAACTGGAAGCCCACCACCACCACCAACTGGAGAACCACAGGATCTTTCTGGAGAAGGTAA
Cele-UNSB01          Cele-UNSB01_Fam_204_93_1          1          93      0.000000
CAGTACCCTCAAGGATCATCTGCTCCACGGTATCCCGGTAACTACAATGCCTTTGCCAGCACTTCCGATGCTCCACAGTATCCAGGATCCTCC
Cele-UNSB01          Cele-UNSB01_Fam_205_87_1          1          87      0.000000
TGAAGTCGTAGGATTCTGTGTGGTGACTGGTGTCGTTGTANTCTGTGAAGGGGACGTGGCTTCTTCCGTTGTGTCATGCTTCTNNGG
Cele-UNSB01          Cele-UNSB01_Fam_206_81_1          1          81      0.000000
TGTCGGCCGCTACCAAACTATTTAGCANACACACCAAGCACTACGTTGCGCACACACACCAAACTGCGGAACCCCGAACAG
Cele-UNSB01          Cele-UNSB01_Fam_207_80_1          1          80      0.000000
AATTTCTCAATAGGGCGCGCTTGCAACATCTGAACGGCGCGAAATTTGAATTTTTGGCCATAAAATAACGAAACTAACT
Cele-UNSB01          Cele-UNSB01_Fam_208_78_1          1          78      0.000000
CGAAGTTGCTGGACCAAAGATCACAACAGGCGGATTTGGCGGCATAACCGGAGCAACAGTAGTGTCATTTGGTTCTTC
```

```
Cele-UNSB01          Cele-UNSB01_Fam_209_78_1          1          78     0.000000
TGCAAGGCTCCGATGATGATACCACTTCTAAAGTCGAGGTGTCACAATTTTCGGGTGTCGTAGAACTTGAATCAGTGA
Cele-UNSB01          Cele-UNSB01_Fam_210_78_1          1          78     0.000000
GAGCTTTGGGGCTTTTGGCTTGATCTCAGTCGACTTGATGGATTCTGGCTTGGGTTCTGCAGGCTTTTCGGGCTCCTT
Cele-UNSB01          Cele-UNSB01_Fam_211_77_1          1          77     0.000000
GGAAGCTTCATCTTTTGAATTATAAAAAAATAAATTTCATTTCAAAATCAGTGTGTGCACTATCAAAAGTGTCCACT
Cele-UNSB01          Cele-UNSB01_Fam_212_73_1          1          73     0.000000
ANTTTGTAGTTTGTAGTCTAGCAGACCAAAATTTATTAAAAACTGCAGAAAATTGATGGGTCTGCTAATTAAG
Cele-UNSB01          Cele-UNSB01_Fam_213_72_1          1          72     0.000000
TCCATCCAGCTGTGGTTGGTCTCTGGGTGAATCCTCGAGAAGTATCACTAGTAGTACCATTGGCTCCGTTCG
Cele-UNSB01          Cele-UNSB01_Fam_214_72_1          1          72     0.000000
ATGAATTTTAATACAATTTTCCTGACGATGAAGTCATAAAAATTCATTTTTTGACCTTTCAACTTTAGTTTTT
Cele-UNSB01          Cele-UNSB01_Fam_215_72_1          1          72     0.000000
TGGTTGTGTTCCCAAAAGTGAGAAAGAGGGTACAGACCTCTGTACGAATATGTCTTATCAGCTTCAAAAGA
Cele-UNSB01          Cele-UNSB01_Fam_216_71_1          1          71     0.000000
ATTTATGTGAAAATTCAGGTTTTTAGGGCATTTTTTGAGGGAAATCTGAATTTTTCCGATTTTTCTGACGA
Cele-UNSB01          Cele-UNSB01_Fam_217_70_1          1          70     0.000000
AAAAATCGATTTTTTGAAGTTTTTCTCAATAGAGCGCATTTTCAACAGCGAAAAAATTGAATTTTCCGCC
Cele-UNSB01          Cele-UNSB01_Fam_218_69_1          1          69     0.000000
AGGTAGGCCTGTAGGCATTGACTGNCAGAAAAGCGTAGACAGGCAAGCAGGTAAAAGATACATGAGGC
Cele-UNSB01          Cele-UNSB01_Fam_219_69_1          1          69     0.000000
GTCTGGACTGGTGTAGTAGAACTGCTTGGAGGTTCTGTACTGGTTGTCTCTGGAGCCGTGGTAGTAGTA
Cele-UNSB01          Cele-UNSB01_Fam_220_68_1          1          68     0.000000
TTGGTTGAGGCTAGAAAATGTTGTAGTTTGTAGTGTGTTAGCCTCAACCAAAATTAATTTTTTTTTAA
Cele-UNSB01          Cele-UNSB01_Fam_221_65_1          1          65     0.000000
TATCGAGAGAATNTTCCACATTCACTTTGAATTCCNTTTCCAATTTCAATAAGACTCTCAGTAAG
Cele-UNSB01          Cele-UNSB01_Fam_222_62_1          1          62     0.000000
GTAGTTTGTAGCTTTAGCCTCAACCAAATTAGCTAAAGCTTGAGTGAGGCTATGGTGATTTT
Cele-UNSB01          Cele-UNSB01_Fam_223_62_1          1          62     0.000000
TGCTAACTAGCTACGGCCAGCTTAGGTGCCGGCTGCACGAGCAGTCCTGGTTTAATGTCGGC
Cele-UNSB01          Cele-UNSB01_Fam_224_60_1          1          60     0.000000
CTAGCTAGATTAAACGCTCTCAAGAGACAGCATGTTGTTGTTGCCCACAAGAAGAAGGCT
Cele-UNSB01          Cele-UNSB01_Fam_225_60_1          1          60     0.000000
ACACAATTGGAGTGGTGCTTGAGGAGCTGGATTCAGTTGAGCTCGTTATGTCGGTTGAAG
Cele-UNSB01          Cele-UNSB01_Fam_226_60_1          1          60     0.000000
CTGCTGATTCCGAGAAGAAGGCCCCAGCCAAGAGAGAAGCTGATAAGCCAAAGACTGAAT
Cele-UNSB01          Cele-UNSB01_Fam_227_59_1          1          59     0.000000
CTACAAACTACAAAAGCCTATTTAGCAGACCCACGCCAACTTCTGATGGGTCTGCTAGA
Cele-UNSB01          Cele-UNSB01_Fam_228_57_1          1          57     0.000000
GAACTCAACAAGCTGATCAAGAGCAACACCGTGGATCCCGAGCTGCCGGACAGAAGG
Cele-UNSB01          Cele-UNSB01_Fam_229_55_1          1          55     0.000000
GGGATTATTGGAGTTTCTTTTTTCTAGAATTTTTTGAAAATTTTGGACAGTTTTTT
Cele-UNSB01          Cele-UNSB01_Fam_230_55_1          1          55     0.000000
AAGAGTCCCCACACACTGAAAGGTTTTAAGGAATTTTTTGAGGATTCCTAGGGTT
```

```
Cele-UNSB01          Cele-UNSB01_Fam_231_52_1          1          52          0.000000
GCATGTCTTCCAAGCGTTTTGAGCCACGCNTGGGATTTCCTATACACGGCTG
Cele-UNSB01          Cele-UNSB01_Fam_232_50_1          1          50          0.000000
ACACATGCTATAACATTGTCTCCTTCCCCTAGTGCACGAGAGCGGCCGTT
Cele-UNSB01          Cele-UNSB01_Fam_233_50_1          1          50          0.000000
GGGCGTGTTTTCACATGCCCCGCCCACAAAATTGATGTTTCCACCAAAAT
Cele-UNSB01          Cele-UNSB01_Fam_234_49_1          1          49          0.000000
CAATAATTTTAAATTAAATTATCGATTTTTCTAAATTTTTCCGAAAAAT
Cele-UNSB01          Cele-UNSB01_Fam_235_48_1          1          48          0.000000
TGCCTACGTGCCTACAAAACAGGCGTAGGCAGCTTTAAAGGTGATGCA
Cele-UNSB01          Cele-UNSB01_Fam_236_48_1          1          48          0.000000
GGAGGTGGAGAAAGTGTAGTTCCCGGTGGTCGNGGCTCTTCNGAGGGT
Cele-UNSB01          Cele-UNSB01_Fam_237_46_1          1          46          0.000000
TGGTAAATTGCCTCCCGGANCACCCACTTTTCTTATTTCCCAACTA
Cele-UNSB01          Cele-UNSB01_Fam_238_45_1          1          45          0.000000
AGCACCACCATCAGGCGGACCACCAGGACCATTTGATCCATCAGG
Cele-UNSB01          Cele-UNSB01_Fam_239_45_1          1          45          0.000000
CCAAGCACATCTACAGAGACACCTACAACTGAATCAACTGCAGCA
Cele-UNSB01          Cele-UNSB01_Fam_240_45_1          1          45          0.000000
CTCCATCCACCAGCACTGCTTCGAGTACGACAGAAAGCACTTCGA
Cele-UNSB01          Cele-UNSB01_Fam_241_43_1          1          43          0.000000
CGAGTTTGGCCTACANCAAATTTGGCAAATTCGGCAAATTTGC
Cele-UNSB01          Cele-UNSB01_Fam_242_43_1          1          43          0.000000
GAAAACTAGGCCACAGAGTTCAAATTGATGGCCTAGAAATCTA
Cele-UNSB01          Cele-UNSB01_Fam_243_43_1          1          43          0.000000
GGCTCTCGGCTCGCGCCGAGAGCCGAGNTCTACTNAAAGTTTC
Cele-UNSB01          Cele-UNSB01_Fam_244_43_1          1          43          0.000000
AGCAGCCGACAGTTGCCGGTTGCCGAAAAATTGCAGTAATTTC
Cele-UNSB01          Cele-UNSB01_Fam_245_42_1          1          42          0.000000
TTTGATCTACAAAAAATGCGGGAATTTTCCCAGCATTGCTCA
Cele-UNSB01          Cele-UNSB01_Fam_246_42_1          1          42          0.000000
AGGTGCTGCTTCCTTTGGAACATCTGCTTGGGTTGGCTCCGA
Cele-UNSB01          Cele-UNSB01_Fam_247_41_1          1          41          0.000000
AAATTTTTAACGAGAAGTGGGCGAAAATCATTCAAAAATTC
Cele-UNSB01          Cele-UNSB01_Fam_248_41_1          1          41          0.000000
GCATTTTTCGCCGATTTTTNATTAATTTTCAGTGAAAATTC
Cele-UNSB01          Cele-UNSB01_Fam_249_40_1          1          40          0.000000
TCCACGTGGAATTTTCAGAATTTTCNCAGAAAATTTGAAA
Cele-UNSB01          Cele-UNSB01_Fam_250_40_1          1          40          0.000000
GAATTTTTTGCAATTCTACTGAATTTTCCAAATTTTCAGC
Cele-UNSB01          Cele-UNSB01_Fam_251_40_1          1          40          0.000000
TTTTGCCAAAAATNTGTCAATTTTGTGGAATTTCTNTCAT
Cele-UNSB01          Cele-UNSB01_Fam_252_39_1          1          39          0.000000
AATTTCCCGCCAAAATTGAATTTTTTTAAAGAAAATTTA
```

```
Cele-UNSB01          Cele-UNSB01_Fam_253_39_1          1      39     0.000000
CCAACTGGAGCCAGCACNATGACCGCTGTTGGAGGAGCA
Cele-UNSB01          Cele-UNSB01_Fam_254_39_1          1      39     0.000000
GATTTACGGGCTTTAATCAGTTTCGAAAAAGCTTGTGTC
Cele-UNSB01          Cele-UNSB01_Fam_255_39_1          1      39     0.000000
TGGTACGGTAGTTGTAGTGGTAGTGGAGGTTGTTGTTGG
Cele-UNSB01          Cele-UNSB01_Fam_256_39_1          1      39     0.000000
GTAATTTATAATTTTTTAAAGATGAGTAATATATTGCCC
Cele-UNSB01          Cele-UNSB01_Fam_257_39_1          1      39     0.000000
ATTGATACTTTGTCGGGTTTAGACCATCGGCCGAGCTTC
Cele-UNSB01          Cele-UNSB01_Fam_258_38_1          1      38     0.000000
AAAATCGATAATTTTCAGTATGCAGTGAAATTCTTGGA
Cele-UNSB01          Cele-UNSB01_Fam_259_37_1          1      37     0.000000
ATAATTTTTCTTGAGTAATGAGAGACTTTTTCATAAT
Cele-UNSB01          Cele-UNSB01_Fam_260_36_1          1      36     0.000000
GATATTTTCATGTTCGGCAAAAGTACCGATTTGCCA
Cele-UNSB01          Cele-UNSB01_Fam_261_36_1          1      36     0.000000
CCACCAACTCCAAAATCAGCTGCTCCATCAGAAGTC
Cele-UNSB01          Cele-UNSB01_Fam_262_35_1          1      35     0.000000
AATTGCCGAATTTCTCGTTTTTGGCAATTTACCAA
Cele-UNSB01          Cele-UNSB01_Fam_263_35_1          1      35     0.000000
TGTGTAATAAGAAAATTTCAAATTTTTTTCACGAA
Cele-UNSB01          Cele-UNSB01_Fam_264_35_1          1      35     0.000000
GCATTTGCCGATTTTTAAAATTTCTGGCAATTCCA
Cele-UNSB01          Cele-UNSB01_Fam_265_34_1          1      34     0.000000
CCGTGCCTACTAACCTACCGACCTTGCCTGCCTT
Cele-UNSB01          Cele-UNSB01_Fam_266_34_1          1      34     0.000000
TTGCCGAATTTGCCGTTTGCCGAGCTCGTCAAAT
Cele-UNSB01          Cele-UNSB01_Fam_267_34_1          1      34     0.000000
AAGTATTTTTGCCGGTTTTTTTGCCGAAATTTCC
Cele-UNSB01          Cele-UNSB01_Fam_268_33_1          1      33     0.000000
TAAGAAAAGTTAGGCCACCAAACTTTGGTGAAC
Cele-UNSB01          Cele-UNSB01_Fam_269_32_1          1      32     0.000000
GCAATTTTTAGGCTAAAAATCACTAAAAAACT
Cele-UNSB01          Cele-UNSB01_Fam_270_32_1          1      32     0.000000
AAATTTGTGAAAATTTAGGCCCATTTTGCTCA
Cele-UNSB01          Cele-UNSB01_Fam_271_32_1          1      32     0.000000
GTGCGTCCGGCGTCCGGAAAAAGCGGACGCGT
Cele-UNSB01          Cele-UNSB01_Fam_272_31_1          1      31     0.000000
ATCGATTTTTTCGTTAAAAAATCAATAAAAT
Cele-UNSB01          Cele-UNSB01_Fam_273_31_1          1      31     0.000000
GCTGATTGGTCGGCGNGGTTCGCCCATCNTT
Cele-UNSB01          Cele-UNSB01_Fam_274_31_1          1      31     0.000000
GACATCTCGCAGGACATTATAAGAAGCGACC
```

```
Cele-UNSB01          Cele-UNSB01_Fam_275_31_1          1          31          0.000000
CACGCCTATTTTATGGGCGGAGTCTACAAGC
Cele-UNSB01          Cele-UNSB01_Fam_276_31_1          1          31          0.000000
TGCGTCGGAAATTNATTCCGATCATCGCCGG
Cele-UNSB01          Cele-UNSB01_Fam_277_31_1          1          31          0.000000
TCCGATGCATTGCCGATAATCGGAACCTGGT
Cele-UNSB01          Cele-UNSB01_Fam_278_31_1          1          31          0.000000
GCAGCCGACGCTATACGGGTCTGATGGAGTA
Cele-UNSB01          Cele-UNSB01_Fam_279_31_1          1          31          0.000000
TCTGAGCTACAGTACTCCTGTCAAGAACAAT
Cele-UNSB01          Cele-UNSB01_Fam_280_31_1          1          31          0.000000
GATTTTTTCAGNGAAAANCNAAAAATTTTCG
Cele-UNSB01          Cele-UNSB01_Fam_281_31_1          1          31          0.000000
CCAAAAATGACTGAAAATAGTCAAAAATTAG
Cele-UNSB01          Cele-UNSB01_Fam_282_31_1          1          31          0.000000
CAAAAATCGGGAAATTTTCACAAAAAAATGC
Cele-UNSB01          Cele-UNSB01_Fam_283_31_1          1          31          0.000000
TTGGCCCAGAGCTCTCTTGACCCAAGCCCCC
Cele-UNSB01          Cele-UNSB01_Fam_284_31_1          1          31          0.000000
AAAATTTTGACCCAGAAATCGAAAAATTCGC
Cele-UNSB01          Cele-UNSB01_Fam_285_31_1          1          31          0.000000
TCGTTTTTTCATGAAAAAACTCAATTTTCGG
Cele-UNSB01          Cele-UNSB01_Fam_286_31_1          1          31          0.000000
GAAAAAGTGCTGAAAATCACATTTTTGAACT
Cele-UNSB01          Cele-UNSB01_Fam_287_30_1          1          30          0.000000
AATTTGAATTTTCCCGAATTTTTNAACGAA
Cele-UNSB01          Cele-UNSB01_Fam_288_30_1          1          30          0.000000
TGGTGGAACTGGATTCGGCAGTGGAAATGC
Cele-UNSB01          Cele-UNSB01_Fam_289_30_1          1          30          0.000000
CCTTGGGCTCCCTGAGCTCCAAATTGTGCT
Cele-UNSB01          Cele-UNSB01_Fam_290_30_1          1          30          0.000000
GTCATTATCAGCTTCTGGTGTCTTAGAAGA
Cele-UNSB01          Cele-UNSB01_Fam_291_30_1          1          30          0.000000
CAAACTACAGTAGTACTGTAGTACCATAAC
Cele-UNSB01          Cele-UNSB01_Fam_292_30_1          1          30          0.000000
TTCAGGCAGGCATAGGTTACTTTGAAAATT
Cele-UNSB01          Cele-UNSB01_Fam_293_30_1          1          30          0.000000
CCTTGTAGGCAAGGAGGTAGGCGTAGGTCA
Cele-UNSB01          Cele-UNSB01_Fam_294_30_1          1          30          0.000000
TTTCAGGCCAATTTCNGTCATTTTTGGACA
Cele-UNSB01          Cele-UNSB01_Fam_295_30_1          1          30          0.000000
AAAATCAAAAATTAGATGAATTTTCGATTA
Cele-UNSB01          Cele-UNSB01_Fam_296_30_1          1          30          0.000000
CTCAAATTTGCACTAAAAATTCCAATTTTT
```

```
Cele-UNSB01          Cele-UNSB01_Fam_297_30_1          1          30          0.000000
ACTACCCAACCGGCTCCGGCAACCAGTCCA
Cele-UNSB01          Cele-UNSB01_Fam_298_29_1          1          29          0.000000
TTGTAAGGATTTCCCACTATGTCAATACA
Cele-UNSB01          Cele-UNSB01_Fam_299_29_1          1          29          0.000000
GGCCTAGAAANTTCTATTTGAAAGTTGAT
Cele-UNSB01          Cele-UNSB01_Fam_300_29_1          1          29          0.000000
TACATTGCAAGATCTTCTTACTATGTAGG
Cele-UNSB01          Cele-UNSB01_Fam_301_29_1          1          29          0.000000
CTCGTCAGTGGGTGGACGAGGAATGAGCG
Cele-UNSB01          Cele-UNSB01_Fam_302_28_1          1          28          0.000000
AATGTCGGCTGCTTCTAGAAACCAGGCA
Cele-UNSB01          Cele-UNSB01_Fam_303_28_1          1          28          0.000000
TGCCTCGCCTACGTGCTTATTTCAGGCA
Cele-UNSB01          Cele-UNSB01_Fam_304_28_1          1          28          0.000000
CCAAGAGAATTTCAACCACCTGGAAATT
Cele-UNSB01          Cele-UNSB01_Fam_305_27_1          1          27          0.000000          TTCCGGCAAATCGGCAAATTGCAAAAT
Cele-UNSB01          Cele-UNSB01_Fam_306_27_1          1          27          0.000000          ACAATAAAGTACTATGTATTACCGTAT
Cele-UNSB01          Cele-UNSB01_Fam_307_27_1          1          27          0.000000          TGGAGGCGGCTTCTGGCCTGGTGGTGG
Cele-UNSB01          Cele-UNSB01_Fam_308_27_1          1          27          0.000000          CACTGACCAAAGAAAATATTANACGTG
Cele-UNSB01          Cele-UNSB01_Fam_309_26_1          1          26          0.000000          GGCAGGCGTCAAGCAGGCAGGTTTCA
Cele-UNSB01          Cele-UNSB01_Fam_310_26_1          1          26          0.000000          ACCTACAGTACCCCTGTCCTAGAATG
Cele-UNSB01          Cele-UNSB01_Fam_311_26_1          1          26          0.000000          TACTGTAGTTTGACCTACTTANGGAT
Cele-UNSB01          Cele-UNSB01_Fam_312_26_1          1          26          0.000000          ATTTACGGAGCTTCAAGCTTGTGTCG
Cele-UNSB01          Cele-UNSB01_Fam_313_26_1          1          26          0.000000          TGAAATTTCACAAATATCGATTTTC
Cele-UNSB01          Cele-UNSB01_Fam_314_25_1          1          25          0.000000          GTCGGCTGCTTNCAAACCCTGAGTT
Cele-UNSB01          Cele-UNSB01_Fam_315_25_1          1          25          0.000000          AAAAATCTGTTCTNNGAGGTCCCTG
Cele-UNSB01          Cele-UNSB01_Fam_316_24_1          1          24          0.000000          GTGAGGTACGAGGTGAGGTANGAG
Cele-UNSB01          Cele-UNSB01_Fam_317_24_1          1          24          0.000000          AAGCACCACCTCCTCCAACTACAA
Cele-UNSB01          Cele-UNSB01_Fam_318_24_1          1          24          0.000000          AAGAAGGATGCTGAAGAGAAGAAG
Cele-UNSB01          Cele-UNSB01_Fam_319_24_1          1          24          0.000000          GCTTCTGGAGCTACAGGTTATCCA
Cele-UNSB01          Cele-UNSB01_Fam_320_24_1          1          24          0.000000          TCAACAACAACAGGAGAAGCTTCT
Cele-UNSB01          Cele-UNSB01_Fam_321_24_1          1          24          0.000000          GGTGGCTGGTCACAAAAGTAAGTT
Cele-UNSB01          Cele-UNSB01_Fam_322_23_1          1          23          0.000000          GCATCATAAGGATCATAGTTGAT
Cele-UNSB01          Cele-UNSB01_Fam_323_23_1          1          23          0.000000          CGCTGTAAGACCCTTCGCTGTAC
Cele-UNSB01          Cele-UNSB01_Fam_324_23_1          1          23          0.000000          GCTACAGTACCCCAGCTTGACTT
Cele-UNSB01          Cele-UNSB01_Fam_325_23_1          1          23          0.000000          TTTTCAGAAATAGGTATTTCAGA
Cele-UNSB01          Cele-UNSB01_Fam_326_22_1          1          22          0.000000          TTAAAATTTTGTCAGTTTGACC
Cele-UNSB01          Cele-UNSB01_Fam_327_22_1          1          22          0.000000          TTTTAGCCAAAAAATCCGTTAA
Cele-UNSB01          Cele-UNSB01_Fam_328_22_1          1          22          0.000000          GCACGGCCTGGCGGTCCTGAGG
Cele-UNSB01          Cele-UNSB01_Fam_329_22_1          1          22          0.000000          CTACAGTAACCCTAGTATTGAA
Cele-UNSB01          Cele-UNSB01_Fam_330_22_1          1          22          0.000000          CAAAACCCAAGTAGATCCCACT
Cele-UNSB01          Cele-UNSB01_Fam_331_22_1          1          22          0.000000          AAGCGGTAACGTCGTCTATATA
Cele-UNSB01          Cele-UNSB01_Fam_332_22_1          1          22          0.000000          TGCTAATTAGCGCGGNTGCGTN
Cele-UNSB01          Cele-UNSB01_Fam_333_22_1          1          22          0.000000          ACGTATACAGGCATATACACAT
```

```
Cele-UNSB01     Cele-UNSB01_Fam_334_22_1     1     22     0.000000     CCGGCGTGGTNTTGAAGCGGTC
Cele-UNSB01     Cele-UNSB01_Fam_335_22_1     1     22     0.000000     TTTGTGGGAGGCGACATATACC
Cele-UNSB01     Cele-UNSB01_Fam_336_21_1     1     21     0.000000     TGGCCTAGATTNTTTACAGGG
Cele-UNSB01     Cele-UNSB01_Fam_337_21_1     1     21     0.000000     TCTCCTGGTAAATTTAAAAAT
Cele-UNSB01     Cele-UNSB01_Fam_338_21_1     1     21     0.000000     ACCACCCCTACAACNACCACC
Cele-UNSB01     Cele-UNSB01_Fam_339_21_1     1     21     0.000000     AACTTTTTGGCAATTTTCCAA
Cele-UNSB01     Cele-UNSB01_Fam_340_21_1     1     21     0.000000     TGTGCCCTGGAAAGCTGGCAG
Cele-UNSB01     Cele-UNSB01_Fam_341_21_1     1     21     0.000000     CTACGTAAGAGTAGCGCAGGA
Cele-UNSB01     Cele-UNSB01_Fam_342_21_1     1     21     0.000000     AATCTAGCCAGACGCACACCT
Cele-UNSB01     Cele-UNSB01_Fam_343_21_1     1     21     0.000000     CAATTTTCTGTTNAACTTTGA
Cele-UNSB01     Cele-UNSB01_Fam_344_21_1     1     21     0.000000     AAGTTTTACTTTGATTTTTTT
Cele-UNSB01     Cele-UNSB01_Fam_345_21_1     1     21     0.000000     GGCAATTTTCCAGTGCAATTC
Cele-UNSB01     Cele-UNSB01_Fam_346_21_1     1     21     0.000000     CCATAGGTGGAAGATCTNATA
Cele-UNSB01     Cele-UNSB01_Fam_347_21_1     1     21     0.000000     GATTTACGGGGTGAACATGTG
Cele-UNSB01     Cele-UNSB01_Fam_348_21_1     1     21     0.000000     TTGGTGACAATGTGGAAACAA
Cele-UNSB01     Cele-UNSB01_Fam_349_21_1     1     21     0.000000     TTCTAATTCGACGCGCATNGT
Cele-UNSB01     Cele-UNSB01_Fam_350_21_1     1     21     0.000000     CTAATTAGCGTCGCTTCCNTT
Cele-UNSB01     Cele-UNSB01_Fam_351_21_1     1     21     0.000000     AAAAATCGATAAAATTTGGAN
Cele-UNSB01     Cele-UNSB01_Fam_352_21_1     1     21     0.000000     CACACGAGCTTGAGAGCCCGG
Cele-UNSB01     Cele-UNSB01_Fam_353_21_1     1     21     0.000000     TATTTTCAAAAAAATTTAAAA
Cele-UNSB01     Cele-UNSB01_Fam_354_21_1     1     21     0.000000     ACCCCGATTTTCACCCAAAAA
Cele-UNSB01     Cele-UNSB01_Fam_355_21_1     1     21     0.000000     CTCAATTCAATCAAGGAAATC
Cele-UNSB01     Cele-UNSB01_Fam_356_21_1     1     21     0.000000     CCATGTAGCTTCAAAATTNCT
Cele-UNSB01     Cele-UNSB01_Fam_357_21_1     1     21     0.000000     TGTCCGTGATGATCATGNGCA
Cele-UNSB01     Cele-UNSB01_Fam_358_21_1     1     21     0.000000     GGTGGACCCANGGGTTCCTAG
Cele-UNSB01     Cele-UNSB01_Fam_359_20_1     1     20     0.000000     CTATCGCCTGCTATCGCCTA
Cele-UNSB01     Cele-UNSB01_Fam_360_20_1     1     20     0.000000     ATTTGACCTACTTTTTAAAA
Cele-UNSB01     Cele-UNSB01_Fam_361_19_1     1     19     0.000000     GTACTACCTTTTAATGTAT
Cele-UNSB01     Cele-UNSB01_Fam_362_19_1     1     19     0.000000     CCCTGATACCCCCTAGTCC
Cele-UNSB01     Cele-UNSB01_Fam_363_19_1     1     19     0.000000     TATGGTGCATCTAACTAGT
Cele-UNSB01     Cele-UNSB01_Fam_364_18_1     1     18     0.000000     AAAAGTTACAGTGTCCTT
Cele-UNSB01     Cele-UNSB01_Fam_365_18_1     1     18     0.000000     TTGTAGATCAACGGGGTC
Cele-UNSB01     Cele-UNSB01_Fam_366_18_1     1     18     0.000000     GGAGGTCCAGGTACCCCG
Cele-UNSB01     Cele-UNSB01_Fam_367_18_1     1     18     0.000000     TAAATAAGTGGCTATAAT
Cele-UNSB01     Cele-UNSB01_Fam_368_18_1     1     18     0.000000     ACTACTGTATCNCAGGAG
Cele-UNSB01     Cele-UNSB01_Fam_369_18_1     1     18     0.000000     CCTTCGCCTACCTACGTG
Cele-UNSB01     Cele-UNSB01_Fam_370_18_1     1     18     0.000000     TTTTTTGATAATTCTTGA
Cele-UNSB01     Cele-UNSB01_Fam_371_18_1     1     18     0.000000     AAATATTCTTATTTTCAG
Cele-UNSB01     Cele-UNSB01_Fam_372_18_1     1     18     0.000000     CCTGGTTGTCCNTCTNNT
Cele-UNSB01     Cele-UNSB01_Fam_373_18_1     1     18     0.000000     TTTCATAAGAAGTAAATN
Cele-UNSB01     Cele-UNSB01_Fam_374_18_1     1     18     0.000000     CATTGTCACTTTCTTCTC
Cele-UNSB01     Cele-UNSB01_Fam_375_18_1     1     18     0.000000     AAGCCTATGCCTTTCCCA
Cele-UNSB01     Cele-UNSB01_Fam_376_17_1     1     17     0.000000     ACTTGGTACATAGGCCA
Cele-UNSB01     Cele-UNSB01_Fam_377_17_1     1     17     0.000000     ATTTTTTCCGCAAGTAG
Cele-UNSB01     Cele-UNSB01_Fam_378_17_1     1     17     0.000000     AAAATCAAACCGGCGGA
```

```
Cele-UNSB01    Cele-UNSB01_Fam_379_17_1    1    17    0.000000    AAATGCCAAAANTGCCA
Cele-UNSB01    Cele-UNSB01_Fam_380_17_1    1    17    0.000000    TAACCTGACTGCTACAG
Cele-UNSB01    Cele-UNSB01_Fam_381_17_1    1    17    0.000000    GAATTAGAAAAATTTGA
Cele-UNSB01    Cele-UNSB01_Fam_382_17_1    1    17    0.000000    TTGCAAGAAAATCTGCA
Cele-UNSB01    Cele-UNSB01_Fam_383_17_1    1    17    0.000000    TTTTAACGTGACCTAGT
Cele-UNSB01    Cele-UNSB01_Fam_384_16_1    1    16    0.000000    TGATCTGATGATCTGA
Cele-UNSB01    Cele-UNSB01_Fam_385_16_1    1    16    0.000000    AATACGGGAATACGGG
Cele-UNSB01    Cele-UNSB01_Fam_386_16_1    1    16    0.000000    TTATAGTGTTATAGTG
Cele-UNSB01    Cele-UNSB01_Fam_387_16_1    1    16    0.000000    TGTATATATATATATA
Cele-UNSB01    Cele-UNSB01_Fam_388_16_1    1    16    0.000000    AAAAATTATTGAATAC
Cele-UNSB01    Cele-UNSB01_Fam_389_16_1    1    16    0.000000    GAATAATATTGGAGAA
Cele-UNSB01    Cele-UNSB01_Fam_390_16_1    1    16    0.000000    CTTAGATCTCAATTCC
Cele-UNSB01    Cele-UNSB01_Fam_391_16_1    1    16    0.000000    AGAGAGTATAGATTAG
Cele-UNSB01    Cele-UNSB01_Fam_392_15_1    1    15    0.000000    CGACCTGCGACCTAG
Cele-UNSB01    Cele-UNSB01_Fam_393_15_1    1    15    0.000000    CACAGGAGGCTGGGA
Cele-UNSB01    Cele-UNSB01_Fam_394_14_1    1    14    0.000000    AGCTTGAAGCTTGG
Cele-UNSB01    Cele-UNSB01_Fam_395_14_1    1    14    0.000000    TTACCAAAATCTAA
Cele-UNSB01    Cele-UNSB01_Fam_396_13_1    1    13    0.000000    GGCTTCTAGTCCA
Cele-UNSB01    Cele-UNSB01_Fam_397_13_1    1    13    0.000000    TTGGGGTGGGCCT
Cele-UNSB01    Cele-UNSB01_Fam_398_12_1    1    12    0.000000    AATACCAACCAC
Cele-UNSB01    Cele-UNSB01_Fam_399_12_1    1    12    0.000000    AGTTATATAGTA
Cele-UNSB01    Cele-UNSB01_Fam_400_12_1    1    12    0.000000    CATTGACTTGAG
Cele-UNSB01    Cele-UNSB01_Fam_401_11_1    1    11    0.000000    TTGTTTACAAG
Cele-UNSB01    Cele-UNSB01_Fam_402_11_1    1    11    0.000000    TACCTACTAGA
Cele-UNSB01    Cele-UNSB01_Fam_403_11_1    1    11    0.000000    AGATACACTTC
Cele-UNSB01    Cele-UNSB01_Fam_404_11_1    1    11    0.000000    TTTCAGGCCTA
Cele-UNSB01    Cele-UNSB01_Fam_405_10_1    1    10    0.000000    GATTTTCATA
Cele-UNSB01    Cele-UNSB01_Fam_406_10_1    1    10    0.000000    CAGCAGAGTG
Cele-UNSB01    Cele-UNSB01_Fam_407_10_1    1    10    0.000000    AACTTTCGAA
Cele-UNSB01    Cele-UNSB01_Fam_408_10_1    1    10    0.000000    TGGCGAAAGC
```