

Genome	Family name	Number of sequences	Alignment length	Score	Consensus without gaps
WB235	WB235_Fam_1_35_172	172	44	0.653800	AATgAAaATTTCGGCAAATCGGCAAATTGCCGg
WB235	WB235_Fam_2_12_169	169	14	0.769942	AGGCTTAGGCTT
WB235	WB235_Fam_3_15_136	136	15	0.942162	AGACCCaTCGTGGTG
WB235	WB235_Fam_4_35_115	115	45	0.601883	ATTtCCCGCCAAAAtntTTTTCaCaGAAAAATTgA
WB235	WB235_Fam_5_40_94	94	41	0.668164	AannTTCtnGAACAaTTCcaGAAttTTCtnGAaTTTTCCaG
WB235	WB235_Fam_6_11_75	75	12	0.809099	GTACTcCTACA
WB235	WB235_Fam_7_15_70	70	15	0.826961	cTCCCCTTTTCGtAG
WB235	WB235_Fam_8_16_50	50	16	0.867364	CTACaTGCCTaCaTGC
WB235	WB235_Fam_9_20_46	46	20	0.797488	TGttAcACGaAAAAATAGAT
WB235	WB235_Fam_10_25_40	40	28	0.748245	TTTACTCTCTGGCTTCaCantATAT
WB235	WB235_Fam_11_20_29	29	25	0.605057	tATtGATTTTTcTgnAAATT
WB235	WB235_Fam_12_45_28	28	46	0.807319	AAGGATCAGAnCatCAGgAGGTACCCTTgTGATCCTTCGgAgCTG
WB235	WB235_Fam_13_43_26	26	47	0.705990	TTTGCCGAAAATTTTcAaTTCGGAATTTGCCGgTTTGCCGA
WB235	WB235_Fam_14_11_23	23	12	0.800725	TTTTGCGACATT
WB235	WB235_Fam_15_31_22	22	33	0.785911	TAAATAtTTAGCAGACCAaAgtTgGGTaTGC
WB235	WB235_Fam_16_26_20	20	26	0.760324	cAGAGTCActatTTTtGGTGAAcGGc
WB235	WB235_Fam_17_37_19	19	43	0.743370	GGGAATTCAAATTTTAATTTTtGAAAAatATTTTGGC
WB235	WB235_Fam_18_19_17	17	19	0.859649	CAAGGCActAGAAtTGCGc
WB235	WB235_Fam_19_14_17	17	14	0.892682	ACTACAaACTACAA
WB235	WB235_Fam_20_12_15	15	14	0.745805	TGTATATGTATA
WB235	WB235_Fam_21_18_14	14	18	0.786121	TGCAgACTAaTAGaGac
WB235	WB235_Fam_22_59_11	11	62	0.794330	
AAAACAGTGCACATTTgAAATTCATATTcTCCATAATTCTCaGTTTAAAAaTTTTG					
WB235	WB235_Fam_23_32_11	11	35	0.789437	CTACAAACTACAAnTTTTGGGCGCTGCTaAgA
WB235	WB235_Fam_24_20_11	11	21	0.822222	CtAGGCAGACCTAGCCTACC
WB235	WB235_Fam_25_12_11	11	12	0.746970	ACgCGacACGCA
WB235	WB235_Fam_26_26_10	10	27	0.768999	TTAGAcCatTAGATGAATTtccAAAG
WB235	WB235_Fam_27_21_10	10	23	0.611433	ATGCACTGACCAAaanTatga
WB235	WB235_Fam_28_163_9	9	170	0.739924	
ATCATATggAGTcATTCTTTTTtATTTcATAAACTGTTcAGcATAGtCAAaaTACCAGAAaATgCcAAaCAAAGTATanTAGCTTGTACGGAAGTattTTTTTAAAAAtgAtaaAAATatAtAAAAGCTGaT					
tTTTTCAAAAATTCAAAAGTAngggAAA					
WB235	WB235_Fam_29_42_9	9	42	0.733686	CngaAAATTTcgaaAACCGCAATTGCCgAAaTTGCCGAntg
WB235	WB235_Fam_30_31_9	9	37	0.708709	ATTTCGCCCAAAAAAtTgaCTGAAAATTTGA
WB235	WB235_Fam_31_26_9	9	26	0.798789	CATTgCGGCgGATTtAgaAAAaTGG
WB235	WB235_Fam_32_18_9	9	23	0.628019	cAAAAATCaATAATTTCa
WB235	WB235_Fam_33_18_9	9	19	0.838207	ATTAGCAGCGcCCAAAAa
WB235	WB235_Fam_34_12_9	9	15	0.680247	CTATACCTATAc
WB235	WB235_Fam_35_14_9	9	14	0.904762	GCTATaCGCTATaC
WB235	WB235_Fam_36_12_9	9	12	0.876543	TCTAaGTCTAaG
WB235	WB235_Fam_37_21_8	8	23	0.616977	CAAATTTTgAcnTAAAAATnT
WB235	WB235_Fam_38_18_8	8	19	0.681391	TAAGCCTAAGcCTaAgCc
WB235	WB235_Fam_39_10_8	8	11	0.758117	GCGgtAGCGG
WB235	WB235_Fam_40_166_7	7	173	0.741077	
tAtcAAtTTTcAGacGCGCTAgaGgGGTTTTTGTcTtGAaTTCCAATTTcaACagntatannAGGCnCAAAAAACAAAAATAAAaTTtTGGAaTTtnGGAnAATTTTTATAGATTGgATTCTAGATTnTTTA					
AAAATATTaTTGGTAaGTTTtTGgaCCaagA					
WB235	WB235_Fam_41_95_7	7	96	0.868386	
AGGGCCGCAGGCCCGAAAtACTcTGGAAACtAtGGGCTgGCTTTaATCCTATTTCaAGCAGATTGTTATTCAcTCAAGCCTAnnAACCGGTTtG					

WB235	WB235_Fam_42_94_7	7	94	0.948666	
TCAAAATCTTCTGTTCTCTAAATATTGGGTGCTTTTCGATGCCCTaTGTAAGCAAATCAATGGGAAAATcaTCAATTTCTGaAGGCAGTAATTC					
WB235	WB235_Fam_43_19_7	7	23	0.690821	TGGTTGAGGCTCtgGATTT
WB235	WB235_Fam_44_226_6	6	227	0.831816	
GTAACCTACGTGAAGCTTCTGTACCTACTGaAATATTGTTaATATTCTgAAAGAgCTTAAATTTACTAcAAGTTTCTGAAAGACATTTcaAAAAAaGTTACTTTGAAGAGATTTATGAATTTTCAAAGTTt					
cgAAAAAtCatCTATTTTGcCTATAAATGGTAGTTTTCATTaATAATAAAATACGCACTAAAAGTAGGCTGAAAATGTACTATTTCT					
WB235	WB235_Fam_45_33_6	6	33	0.649832	GCTGATTGGTtTcAgAAAAGTGGGCGgaGCTaAtC
WB235	WB235_Fam_46_32_6	6	32	0.838889	TGTCgAGCGAGAcAGCAGAagAAGAGCTGAGT
WB235	WB235_Fam_47_21_6	6	25	0.624889	CTGACcAAATTTtGTTcCaGCA
WB235	WB235_Fam_48_21_6	6	22	0.621212	TGACaAAATnTnaaTTTGCAC
WB235	WB235_Fam_49_19_6	6	21	0.706878	gaAATTATCGATTTTtCga
WB235	WB235_Fam_50_18_6	6	19	0.644444	ngGTAGgCAATGAGCAAag
WB235	WB235_Fam_51_16_6	6	16	0.697917	TCtaAGGATCTaAGGA
WB235	WB235_Fam_52_15_6	6	15	0.952593	GGGGGCAACAAAAAtA
WB235	WB235_Fam_53_12_6	6	14	0.649206	TTTTtATTTTtA
WB235	WB235_Fam_54_11_6	6	11	0.838384	aAGTTGTcACg
WB235	WB235_Fam_55_48_5	5	48	0.900000	AATTTtAatTtTGATTTGCCGTAATTTATAtTTTCTGAAGATGAGc
WB235	WB235_Fam_56_21_5	5	25	0.616000	ATAaatatTAATTAaTAaTAAat
WB235	WB235_Fam_57_25_5	5	25	0.946667	TATTTACTCTAATGTCTGcCAATt
WB235	WB235_Fam_58_21_5	5	23	0.667391	CcATTTTaAGcCAATTTtngA
WB235	WB235_Fam_59_22_5	5	22	0.630303	GCACTGACCAantnnAatnTTt
WB235	WB235_Fam_60_19_5	5	21	0.695238	AATTTAcCAATTTAcCAaa
WB235	WB235_Fam_61_20_5	5	21	0.652381	GTAAATCTACAntggCttcc
WB235	WB235_Fam_62_17_5	5	18	0.848148	TcATTCCGTgATTATTT
WB235	WB235_Fam_63_11_5	5	14	0.697619	TGCCTgCCTAC
WB235	WB235_Fam_64_11_5	5	11	0.951515	TTTGGAGCGGt
WB235	WB235_Fam_65_184_4	4	189	0.862140	
GAATACAGAACCCAaTTATGtCCGAGAAAAAGATCCTAcTCAGAATATaAACATAtTcGAATttatCGGAtGTATAaAGATTCCTCGAAGAcacTTTCCAATTaCCAAAttGTTCAAtTTCTAAAtgAaATTCT					
CTTACTaGAACACTCTTTGGCCAATGTACGCAGCCGAACGTATCATAAGT					
WB235	WB235_Fam_66_64_4	4	67	0.721393	
gGTCTGCTAaATCaAAacTTGTAGTTTGTAGtCTAGCAGACCAaATTTcTtCAaACCaCaTtG					
WB235	WB235_Fam_67_39_4	4	40	0.856944	TAtTTTTAAttTgaCCTaCTTAAAAAGTAGGTCATGACC
WB235	WB235_Fam_68_36_4	4	36	0.754630	tTTCGGCAAtTtGacAATTGCCGTTTtggaaAAtt
WB235	WB235_Fam_69_30_4	4	30	0.777778	TTTCtAGAAAAaTcTGGAAgTTCTAGAAt
WB235	WB235_Fam_70_30_4	4	30	0.983333	AATTTTCCAGAAGGTTCTGGAAcATTCCAG
WB235	WB235_Fam_71_21_4	4	21	0.907407	AATCCAATATGgacgAAATCT
WB235	WB235_Fam_72_19_4	4	20	0.761111	CTCAACCAaAcTcTtAGC
WB235	WB235_Fam_73_20_4	4	20	0.744444	gTgAAAaTTtaAATTTtTgA
WB235	WB235_Fam_74_17_4	4	18	0.902778	GATGCCCCCTcTGAACG
WB235	WB235_Fam_75_16_4	4	16	0.847222	AATTTTTTCcGCaGCaA
WB235	WB235_Fam_76_14_4	4	15	0.727778	TTaGGGCcTtgGGC
WB235	WB235_Fam_77_15_4	4	15	0.955556	TTCCCGATCTACGt
WB235	WB235_Fam_78_13_4	4	13	0.897436	GCCTATGGCcTAc
WB235	WB235_Fam_79_12_4	4	12	0.840278	TTTTtCCGAaAt
WB235	WB235_Fam_80_12_4	4	12	0.662037	AgaAgGAGgAaa
WB235	WB235_Fam_81_200_3	3	223	0.702043	
gAAAAAGTgAAtTTTCAGtCAAtAcCTTgTggAccaCaATTTATaTGCAAAATTAaTAGATTTTCCAAacTTTgAAAATTAATtTCTGGCTTcAAAcTAActTTTTTaaAAATtCCCGTAGCCATTTGTaGCAAA					
TTTTatGtTCTtTCAGAATTTaAAAAcGcATTtCAAAAAaTTTnaaAaCcgcCAAGTTCAAGCA					

WB235	WB235_Fam_82_167_3	3	172	0.656977	
nTATAATGcTCGTAATTATTTtATAAGTgTGTGTTGTCTCAGAgcCAngTCTgAAAAaACAGATTTTTTtTcGAAAAATTTtAAaAacttcGtAaAAATTCgATTTTTtGACanaTctATgnTcTCnTTTTTtTnta					
AcATgTAtTTCAGTGAcAtAnaganTcAaAAA					
WB235	WB235_Fam_83_90_3	3	95	0.673684	
ccccGAACGTGTGCGCCGctTCCAAAtAACcACCTccTngCACTaCgTTGCGCACACAcnaanctaCTcgTTTCACGcCAAgtTgCGGAA					
WB235	WB235_Fam_84_79_3	3	79	0.912799	
gTGAATCTCctCTCtaCCTAATGAgTCCTGACAGAATACCGGCAGTATTcTGGGGTCTCATTAGGTTTTaGTTTCTTcT					
WB235	WB235_Fam_85_76_3	3	76	0.906433	
AATGCTAGAgGACAcTCCTTTGCACGAAaGgAAGTGGGAGAGACTGTGGaGTTGTGCGGTGTCTtTGTgCATGCTCg					
WB235	WB235_Fam_86_66_3	3	68	0.892157	
AATCAACCTATTcAGTTGACAATGGTTTTCTTTTAtCAAAtTTtTTAaAATTTtAAAGAAAAACACA					
WB235	WB235_Fam_87_64_3	3	64	0.954861	
TTTTTGACTActGAATGTCTTTTTCGCTACTGACTGaAAAAATAGCTACATTTCGCACTTTTTGtC					
WB235	WB235_Fam_88_34_3	3	34	0.980392	ATGCACCATGTCAAAAAATATATCCAAAAGTACG
WB235	WB235_Fam_89_32_3	3	32	0.972222	CGACCTGCGACCTAGCGACCTaGGTCGCTTTG
WB235	WB235_Fam_90_27_3	3	27	0.658436	aGCaGCCGACACCTtaCnGGTtgcttA
WB235	WB235_Fam_91_26_3	3	26	0.965812	TCAGGGCGAAACGGGAGGTGAATCGC
WB235	WB235_Fam_92_21_3	3	23	0.801932	CTAgAAAACTCGGCCAtCAA
WB235	WB235_Fam_93_21_3	3	23	0.608696	gCCtAAAAAcgtaAATTTTAA
WB235	WB235_Fam_94_21_3	3	23	0.748792	TAGTTTtaTAGTTTGtaGTTTG
WB235	WB235_Fam_95_20_3	3	22	0.656566	GTCGATTACGgGAgTTcnT
WB235	WB235_Fam_96_22_3	3	22	0.777778	AcTACAGTAccCcTACAGTACc
WB235	WB235_Fam_97_19_3	3	21	0.608466	GCCTAGaAATCtnAtgATG
WB235	WB235_Fam_98_18_3	3	21	0.761905	TTTTGTcAGTGCTATAgT
WB235	WB235_Fam_99_21_3	3	21	0.767196	ACTACcGTACCaaCtACcACa
WB235	WB235_Fam_100_21_3	3	21	0.957672	CTAACATTTTTCAaTTTTTCGT
WB235	WB235_Fam_101_21_3	3	21	0.682540	GTgcaaatgnAtmnttGgTca
WB235	WB235_Fam_102_20_3	3	20	0.688889	GTAAATCtACAtAgaaCntC
WB235	WB235_Fam_103_20_3	3	20	0.777778	CGAtAtAGCTATtaACGAtA
WB235	WB235_Fam_104_16_3	3	16	0.777778	TTcCAGGgTTcCAGGg
WB235	WB235_Fam_105_11_3	3	12	0.787037	ATTTGgAATAT
WB235	WB235_Fam_106_11_3	3	12	0.722222	ncCACTGACCA
WB235	WB235_Fam_107_10_3	3	10	0.733333	TCcATCcCGA
WB235	WB235_Fam_108_177_2	2	177	1.000000	
GAGTCTCACGATGTGTCAACGTGTCTCAGTCGGCTTGATCTACGTAGATCTACAAAAATGCGGGAGAAGAGACGCAGACTTATTCTCTGATTTTGCATGAGTAAGAGCGTGCTGGCGTCACATTTTTGTGCGGCA					
AAAAATTCCCGCATTTTTTGTAGATCAAACCGTAATGGGACG					
WB235	WB235_Fam_109_151_2	2	151	0.924945	
TTTAAAGGCGCATAGGTAGtTCAAANTTCAAANTTGACGGATTCTAGTCAATATGGGGCTTATTTTAAAGCTCTCAGTAAGCTNAANTNTANTTNAGCTACTaAaAATGAANATTTTNAATTTTTTGGGTCTCG					
CAGCGAAAAATTCGAA					
WB235	WB235_Fam_110_119_2	2	119	0.619048	
GCcacCcTTAAcCCTAAcCCAAaGCAGAGCAGGATGTAGGCCTGaaAcGcGGTaGcgAcaCaaTCAaGCCcAAcAacCaGGgaTGAGGGCCGACGGCCGgaaaACTCTTaGAAACTgTaG					
WB235	WB235_Fam_111_110_2	2	110	0.745455	
TTTCACaTTTTTCaCgTGATTATaTAGGTCACGAaCcAAaTTATTTTGAATAATTGAcCTacacGGacCTaTAACTTTGGAGaTATGGGaAATcaAGTATGaGCTTTCAGAT					
WB235	WB235_Fam_112_86_2	2	86	0.689922	
TGTATTTTGAAGGTCaTcgCAATAgGGAAGATGGAAGAcTaCgaAGtTAAGgAgAAgCTATTGacAGACCCCGAAATACTGGC					
WB235	WB235_Fam_113_73_2	2	73	0.945205	
AATAAAATATTGGAAATCCcTATGACACACTTAAGCCTAAAGGCCGAAAAaAaACTAGGATGCCCAACTGG					
WB235	WB235_Fam_114_44_2	2	44	0.681818	cCAGCCGACAGCCGAAAAaTTcacGaATTTTCGGCTGGTaGCac
WB235	WB235_Fam_115_44_2	2	44	0.704545	aCGGCAAAATCGGCAAAtnCTgcTTTTTtCaaATTTGCCGAGC
WB235	WB235_Fam_116_44_2	2	44	0.969697	CTGTTTTCTGAGCATTgTAGATTTTCGGATTGATGGCCGAAAGG

WB235	WB235_Fam_117_41_2	2	41	0.711382	ccGTTTCGCGcTTGAGCGATTcCttACCCTTAAATGGGcCc
WB235	WB235_Fam_118_41_2	2	41	1.000000	AAAACGGGAAAACGGGAATTCCCGTTCCCGTGAAAAATTTTA
WB235	WB235_Fam_119_40_2	2	40	0.975000	AAAATCCACGTAGATTATTGATTTTTTCATgGAATTTTGCA
WB235	WB235_Fam_120_39_2	2	39	0.897436	TTATGaAAAAAGTGGCTCTAGaGCCACaAGAAATACCAGT
WB235	WB235_Fam_121_36_2	2	36	0.601852	cGGCAaAtTaCCaTaAATTTTtAAAAcCGGCAaAAAc
WB235	WB235_Fam_122_34_2	2	34	0.612745	cCaCCCGGcAGGTGTGCGGTGCTaaaaCTAtAaC
WB235	WB235_Fam_123_32_2	2	32	0.671875	tTTTTTGAGCcaAAAAATTCtaAAAAATgCTCa
WB235	WB235_Fam_124_32_2	2	32	1.000000	GCACCAATAGCACCAATTTAGCACCGATGGA
WB235	WB235_Fam_125_31_2	2	31	0.752688	GGTTACTGTAAaTCaATcaTAGGATACTTtG
WB235	WB235_Fam_126_31_2	2	31	0.784946	CTGAAATTacaAaTTTCCAAaTGTAaaaaATGT
WB235	WB235_Fam_127_31_2	2	31	0.956989	TCGACAGAAGCTGTGCGAaATCACACTTTCC
WB235	WB235_Fam_128_29_2	2	29	1.000000	AAGGATTTCCTACTATGTCAATACATTGT
WB235	WB235_Fam_129_27_2	2	27	0.901235	GCTGCTGGAGGATCaACTGCATCAACc
WB235	WB235_Fam_130_26_2	2	26	1.000000	CAAAACCGGCAATTGCCGAAAAATTC
WB235	WB235_Fam_131_24_2	2	24	0.722222	gGCATCTGccGCcGGAGCTGGaGC
WB235	WB235_Fam_132_24_2	2	24	0.680556	GCcTAGaCTcaGGCTTAGGCTtAa
WB235	WB235_Fam_133_23_2	2	23	0.630435	aATTTCTAGGCCACcAcgTTcAg
WB235	WB235_Fam_134_23_2	2	23	0.673913	tCTAATTAGATnCaCCTcTTTT
WB235	WB235_Fam_135_23_2	2	23	0.659420	ATTaaATTTTTTCaCaaAAAAAa
WB235	WB235_Fam_136_22_2	2	22	0.643939	aATAAAAAATgTCaCAAAAAAtAg
WB235	WB235_Fam_137_22_2	2	22	0.681818	GTAAATCTACaCaaATagCCCC
WB235	WB235_Fam_138_22_2	2	22	0.621212	TTcaAGCcaTTTTCaGACcAAAT
WB235	WB235_Fam_139_22_2	2	22	1.000000	TCGAGAAAAAATCTGAAAAAAT
WB235	WB235_Fam_140_22_2	2	22	0.954545	ATTCTGCGCACCCCCCTGCGCaG
WB235	WB235_Fam_141_20_2	2	20	0.933333	CCACCAAAAAGTTTTCTAGG
WB235	WB235_Fam_142_20_2	2	20	0.950000	GGACTAGTTTTcGAGTAGAG
WB235	WB235_Fam_143_20_2	2	20	0.866667	CCCCGAaGCTCGAGCTCAaA
WB235	WB235_Fam_144_20_2	2	20	0.800000	CCACCCTGTAAaATcATGGA
WB235	WB235_Fam_145_19_2	2	19	0.684211	CTAGGTGCCTAcTccATgC
WB235	WB235_Fam_146_19_2	2	19	0.929825	CGCCAAGgATCGAGAAAAAG
WB235	WB235_Fam_147_17_2	2	17	0.656863	gCaGaTTGCCGGAATTG
WB235	WB235_Fam_148_17_2	2	17	0.803922	GCACTGAcCAAcTTTTT
WB235	WB235_Fam_149_16_2	2	16	0.750000	GTaCTGGGGTaCTGGG
WB235	WB235_Fam_150_15_2	2	15	0.622222	CGATgCTCCACCaga
WB235	WB235_Fam_151_14_2	2	14	0.761905	TaTACAAAAAnGTA
WB235	WB235_Fam_152_14_2	2	14	0.666667	cCTCAAGCgTAGGa
WB235	WB235_Fam_153_14_2	2	14	0.619048	gATAATTgAaAATc
WB235	WB235_Fam_154_11_2	2	11	0.878788	AAACTTGGGCa
WB235	WB235_Fam_155_11_2	2	11	0.636364	cGGAAaATTaA
WB235	WB235_Fam_156_11_2	2	11	0.636364	cATAaCTGAGa
WB235	WB235_Fam_157_255_1	1	255	0.000000	
AACAAgTCGGGAACGTTTCGGAAGCTCTGAGGAAACTCCGACAATATCATGCTTAAGTACGCAATTGAGCTATCTTTATTAGATTTCGAAAAAGGACTCTTCAAAAAATTGAAGCAATAACGAAGAAGCTTAAGTT					
GGAActGGCGAAGCTTAAATTGGGANttATGCAGTCTTTATCAGATTCAAAAGACGATTCTTCGACCAATGAAGCAAGTCCGGAGNACGATCTACCTTCGACTTCTGATGGCAGAACTCC					
WB235	WB235_Fam_158_230_1	1	230	0.000000	
GCTGAATTcAGTTGGGTANGATGTGACTTCATGGCTGAGTGGAATATCTTGAAGTTATCAGCACGATGTGTAGAGTCGAGTGGTCCATCGTATTGTTcAGAAATTGGATAATCAAGATGAGATGGAGATTTCTTG					
AACAAATCCAGTGATCTTCGATTTCaATGATGGCTCGTCCTTCTTCTGTCTCTTCAATCACAaCTGGGATGACATGCTCTGGCAGCTTCTCATA					
WB235	WB235_Fam_159_228_1	1	228	0.000000	
CCACCAGATCAGCAACGTCTCATCTTCGCCGGAAGCAACTCGAGGACGGCCGCACCCCTTTCGGACTACAaCATCCAGAAGGAATCAACTCTTCATTGTTCTCCGTCTGAGAGGAGGTATGCAGATCTTCGTC					
AAGACATTGACCGAAAGACCATCACCTCGAAGTCGAAGCCTCCGACACCATCGAAAATGTCAAGCCAAGATCCAAGACAAGGAAGGAATC					

WB235	WB235_Fam_160_189_1	1	189	0.000000
TTTTTTTTGACTATGGAATTATAAAGAAAAATCGAATTTCAAAAAAGCATGTATTAGCCAATGTAAACGCGCTCCAATGATGATGTAGCCACGTTGGTATCAGAGTGTCTCTTTACGGCTTGATTTAAATACGTAG				
ATCTACAAATTCACCTTATCTGTTTTCTCACGGGTTTAGGATATTTTTTCTGTTA				
WB235	WB235_Fam_161_184_1	1	184	0.000000
GTTCAAAGATACAAAATTTATCTACACATCTACAAGTTAAACTTGCAACTTAGTTAACCAAATTCAAAAGTTATGAGCCGGGGAACATAATAACCAACGTTTCACACTAAAAAGCCCAAAAAAATTCGAAAA				
TCATTTTTATCTCATGACGCGGACAAGCTACAAATGTCTAGTTAGGCTT				
WB235	WB235_Fam_162_183_1	1	183	0.000000
TTTTCTGCGTCTCGCCTCGCCTCACACTATTTTNCACACCAAACTTTGAGNCTATGTATCTCTGTAACGGGTTGCGCTTCTGAAAAATTCCAAAGTACGGGATATATAAAATTTNGAATTCCTTCTCACCGTT				
AAAAAACTAAACACCTAGGCAAGACGAGACGAGACGAGANACCCCAAT				
WB235	WB235_Fam_163_181_1	1	181	0.000000
TTTTTAACTTTTAAATCCACTAAAACTCGGAATGGTACAGAACATGCAAATTTGTAATTTCAAGAACTGAATGTGGTTTCGAATATTTATGGATTGCTTTATTCTAAACTGACTCTGAAATATTTTGCATCCATT				
TGACTACTAATTGTCATATTATACCGAACACTACTAATTTAGTGG				
WB235	WB235_Fam_164_180_1	1	180	0.000000
TGTCGGCCGCTGTATCTTTTGCCCTCAATTTTTTTTNAATTTTNAACATNCATATTCAGTAGATAACATTATGAGCTACAGTTTGTTAGTTAAAAATTTATTTCTAAAATTACTAGTTTCTGAGTTATACTCAT				
TCCAACCCACCCCAAGAGAAATTTCTTAAAAATGAACTCGCGAGG				
WB235	WB235_Fam_165_179_1	1	179	0.000000
CTACCCAAATTTTTGAAATTTTGAAATTTTTTCAAAAATTTCTCAAATTTTCAAAATCCCATAAATTCAGCCAAATTTTTGAGATTTTCAGATATTTTTTAATTGAAAATTTCTGTTTGTCTTATCCATTAACTATATC				
GCTGCATCTACATTTTTTACAGTACCCCATGACTTTTCCCGATT				
WB235	WB235_Fam_166_177_1	1	177	0.000000
CTAACAAAATAATCAGCGTAAAATTTCTACATTTTACTAGTTAAACAATATTTTGATAACATCAGTGGTTTTTGAGATACGCAAGTTTTTAAGGTGGACGCCCCAAAAATAGTTGTGAGCAGCTTTAATCAAAAACC				
GACATAACTTTTTACTCACTAACGGTATCAAAAATGTTTTTAA				
WB235	WB235_Fam_167_175_1	1	175	0.000000
GATGCACCATGTCTTTGACAGTCAATATCTCGGTTTATTTGTAGCTATCAAAAAATTTTCAACTACAAATCTATAGAAAAATTAATAGTTCAACATTTTCTCAGTTGACAGTTTTTTGATAACTGCAATGACATC				
CGAGATATGAGCTTTCAAAGTTGAGAGACCTCACTCGGTT				
WB235	WB235_Fam_168_175_1	1	175	0.000000
AACTTGTGACGGTGGGTATGGATTTTATGCACATAATTTGTTTCGAAATAGTCTACCNAGTAACTGGTGAAGTTTCAAAAATTTTGTGGATCTAGTTTTTGAAAAAGTTCAAAATTTGTGCCAATTTTGACCAAT				
TTTTGGTGGTTTTCTGAGCTAAAATTTGAAAAGTTGGGAATG				
WB235	WB235_Fam_169_175_1	1	175	0.000000
AAATTTTGGGTTCACTCTTTTACTAGACAGTGATTGTTGCATTGTAGGATTCGGTGGACTTGTCCAACAACCTTACTTTGGCATGAGTTTAATAAAAAGGTTTTTACCATGAACTGAATCAATTCAAAATAAAAC				
CTCGAGAAATGAAAACATCCTCAGTAATTTCAATCCTGTTT				
WB235	WB235_Fam_170_174_1	1	174	0.000000
CTTCAAGAGCTCAGTGTTATTTATGACATGCCAACCTCGACAATTGACCTGAACATGCTCCAAGGAATCGAAGACAACCTTGAACAGCCTTCCAGCTGAAGAATCTGATAAGATCCGAGAGAAGATTAACGATCTG				
AGAAGAAGGAAACAAGAAAGCGATCAAGCTGAAGCTCTT				
WB235	WB235_Fam_171_165_1	1	165	0.000000
CTTTTCCAAAATGGCAATTTTTGATGAAAAAATCCGAATTTTCACAAATTTCAAAAAATTTTTAAACTTTATAATTTTAGCTTTGAATATTCCAAATGGAAGTGTGCATAACCTATCAATTTGATATATAAACT				
CGTGCTTACCTTCAGGCATTCACTTTTTCAC				
WB235	WB235_Fam_172_155_1	1	155	0.000000
TCCCGCTGTGGTTAAAAGTTTTTTGCGTGCTCAGTTCTGTACGGTAAATGTGTTAAAACTTCTGGAACTTGAAATTCGAAGTTATTCAGAAAATTTGTTCAAATGGCGCAGTGGGAAATTCGATTTCTCAGACC				
CAAGAGGCCACGGGTTCAAT				
WB235	WB235_Fam_173_153_1	1	153	0.000000
TGAGGTGCAGGGCGTGATGAGCTTTGTTGAACTGGGAACTGTTGATTCCCGGAGCCGTGATTTCATAGATGAGTTGGAGGGACCTGCTGTGGAACCTGTTTCAACTTGAGCAATTCATGAGCCATCAAGAAGCTT				
TCCGGCAGATTGGGCAAC				
WB235	WB235_Fam_174_151_1	1	151	0.000000
CATTTTCAGATATTCCATCACCACCAACACCTTCATCCACTTCTTGCCTGGAACGACGGGATTTTCTACAAAAATCGGATTTTTTCTCTATGTAGTTTAATTGATGTATAATTCGAAAAGTCAGTCTTTCCTA				
GGTTTTTAAATTGAAA				
WB235	WB235_Fam_175_150_1	1	150	0.000000
TTGCAACATGCGGTGCGGCGGAAAAATTCGAATTTTTTCACTCCAAAACAGGTTTTTTCGACCAATTTTTTCATATTTTCAAGCGAAATATGATAGAAAAATTCAAATTTTCACTAAAAATCGCCAATTTTCCACATTTT				
CTCATTGGAGCGCAC				

WB235	WB235_Fam_176_150_1	1	150	0.000000
TTGAGGGCCGCGAGTCCCGAATACACGAAGAAGTGTGGAGATCCGTCAAGCCTATTCTAAGCATAATAATTAGTTTCGAGTGTGCGAAGCCCAAATAGACGCGAGAAGCGTTGGACAACTTTTAGGCCTATTCTGA				
GCCCAATAATTCATG				
WB235	WB235_Fam_177_146_1	1	146	0.000000
TGGCCTAGAAATCNCAAGTTTGCAAAAGTTAGGCCACCAACTTCAAATGCCTATAACTCAGCGGAAAAATCAATATTTTCCATTGATTTTAACTGCTAAGATGTAGCCAATTACGTAGCGCAACTTTTGGCCTAC				
TTAACAATTGG				
WB235	WB235_Fam_178_144_1	1	144	0.000000
TTCTAGGCCACCAATTGGAAATCATCATAACTTGGCTTAAAAATCCAGATTTTTGGAGTCTGGTAACTGCAACATGTTGCCCTGTAGTTTTTCTACAAGTTAGGATATATTAATTTTTTGGTGGCCTAAAAAGTCCAA				
ATTATGGAT				
WB235	WB235_Fam_179_143_1	1	143	0.000000
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GAATGGCG				
WB235	WB235_Fam_180_122_1	1	122	0.000000
GATCTACAAAAATGCGGGAAAAGTGACACAGAGTTCTCAACTGATTTTGCATAAAAAATCCCGCATTTTTTGGAGATCAAACCGTGATGGGACAGCCTGGCACCCTTGCTTGATCTACGTA				
WB235	WB235_Fam_181_121_1	1	121	0.000000
AAAAGATAGTTGCCCTAAGAGCAGAAGGTTGCAAACCGCAAGAGCAAACCTTGCCAAATGACAAGCCACCCCAAGTACTCGTTGCACCTACCTATCATAAGCTCGTAGACTATAATTTCTCTG				
WB235	WB235_Fam_182_117_1	1	117	0.000000
TGTGGTTCGACAGTAGGTGCACTAGTCTCTGGCACTGGAACATCCTTTTGCTCAACAATTTTCAGCTGGTTGTACTTTCAGATGTTTCTTTTGATTCCACAGGTGCAAGTTTCTCAAC				
WB235	WB235_Fam_183_114_1	1	114	0.000000
GTGTTTCAGAATTACATGGAGTCTCACTACTTGCAGAATTTGTGGCTGTAGACGATGGGCCTGCTGTAGTTGAATCGTTTGGAACTGTATAGTGGATGTTCCATCAGACGTTT				
WB235	WB235_Fam_184_108_1	1	108	0.000000
ATCCTCAACACCATCNGCGTCATCTAGTTCCTCCGGAACATATGTCGACAATTTCAGGATCAACTGGTTCNACAGTTACAGTTGTACCAGGATCNTCTAGCACATTTGG				
WB235	WB235_Fam_185_108_1	1	108	0.000000
TGGGTAATCAGGTACGGGCTTTTCAAGTTTTTCAAGTTTTTCCAGTGAATATCTAGGTACAGAGCCAATTTTCAGCCAGGAGTGGGACTAGAGATATGAAACTCTTGGGTTA				
WB235	WB235_Fam_186_108_1	1	108	0.000000
AAGTCTTCTTGATTCTGAGTTCTTGCTTCGAACTGTTGACCATCTCCTTGCCAGGATCTTATTTGCAGATGGAACCTTCTTGGCATAACCGTTCTCCACTGATGTGAGTG				
WB235	WB235_Fam_187_104_1	1	104	0.000000
CCTGCGAAAGCGAATCTCTGGCCTGGCGGAGGGCCAACTAACTCTCTCCCTCAAGCCTTCGGGTGCTTCTTGGGTTATCGGTGAATTTTTTGGGTCTGTCAAGGT				
WB235	WB235_Fam_188_102_1	1	102	0.000000
TTGCTGCAGCATATCTTTCTCCAGTACCACCTTGATATGTGCAACGATTGATAGTTTGAAGAATCAAGAGAATCTGTTGGACGATCAATTCATCTTTGGGTC				
WB235	WB235_Fam_189_102_1	1	102	0.000000
TGTACACTTCTCCCAAAATGACTGTAAGAATGGACTCCTTATATGATTTTAAACCCGACTCTGGACATACAAACTTCTCTCAAAAAGAAAAATAGACTTCACA				
WB235	WB235_Fam_190_101_1	1	101	0.000000
GCATTTGCATATNGAGATCAGATAAAAGTTAGAATTTTCCAGCCGTTGCAAGTGCCTCTATTGAGAACATTTTGAAAAATTGAATGTTTTCACATTAGAGC				
WB235	WB235_Fam_191_101_1	1	101	0.000000
GGTTACTGTAGCTCCAGAAATACGCAAACACCGACTACGGTTCCCTAATACATCAGATATTACGACAAAGTGCAGAAAAATCGCTAAAAATGACTTTACTGG				
WB235	WB235_Fam_192_101_1	1	101	0.000000
TTGATTTTTTCGTCTTATGAAGGAATATTGGTTTCGGGGTAGTGGGCGGATATGGTCGGGGTACTGTAGGTATACGGTAGGGTTACTGTAGTTTTTGAAATT				
WB235	WB235_Fam_193_96_1	1	96	0.000000
GGTTGATTTGCGGCACTCTACAGATAGTGGATCTGCTTCTTACCAATCTTCCCGTTACCGCCACGCACTTAAGCTCCAAACTATTTTATTTTTTTG				
WB235	WB235_Fam_194_96_1	1	96	0.000000
CTTCTGGTAATGTTCCCATAAATGGGTAAATACCACTATAAGTAACCTAGTGGGACTGAAAAGATATAAATGAGCTTATTCTAAGGGTGAAG				
WB235	WB235_Fam_195_93_1	1	93	0.000000
TGCTTCTCGTCGTCCACCACCACCACGAAGGGAAGTGAACCCACCACCACCACCAACTGGAGAACCAAGGATCTTTCTGGAGAAGGTAA				
WB235	WB235_Fam_196_93_1	1	93	0.000000
CAGTACCCCTCAAGGATCATCTGTCTCCACGGTATCCCGGTAACTACAATGCCTTTGCCAGCACTTCCGATGCTCCACAGTATCCAGGATCCTCC				
WB235	WB235_Fam_197_87_1	1	87	0.000000
TGAAGTCGTAGGATTTCTGTGTGGTGACTGGTGTGTTGTANTCTGTGAAGGGGACGTGGCTTCTTCCGTTGTGTATGCTTCTNNNG				
WB235	WB235_Fam_198_81_1	1	81	0.000000
TGTCGGCCGCTACCAAACCTATTAGCANACACCAAGCACTACGTTGCGCACACACCAAACTGCGGAACCCCGAACAG				

WB235	WB235_Fam_199_80_1	1	80	0.000000
AATTTCTCAATAGGGCGCGCTTGCAACATCTGAACGGCGCGAAATTTGAATTTTGGCCATAAAATAACGAAAACTAACT				
WB235	WB235_Fam_200_78_1	1	78	0.000000
CGAAGTTGTGGACCAAGATCACAAACAGGCGGATTGGCGGCATAACCGGAGCAACAGTAGTGTCAATTTGGTTCTTC				
WB235	WB235_Fam_201_78_1	1	78	0.000000
TGCAAGGCTCCGATGATGATACCACTTCTAAAGTCGAGGTGTCACAATTTTCGGGTGTCGTAGAACTTGAATCAGTAC				
WB235	WB235_Fam_202_78_1	1	78	0.000000
GAGCTTTGGGGCTTTTGGCTTGATCTCAGTCGACTTGATGGATTCTGGCTTGGGTTCTGCAGGCTTTTCGGGCTCCTT				
WB235	WB235_Fam_203_77_1	1	77	0.000000
GGAAGCTTCATCTTTTGAATTATAAAAAATAAATTTTCATTTCAAAATCAGTGTGTGCACTATCAAAAGTGTCCACT				
WB235	WB235_Fam_204_73_1	1	73	0.000000
ANTTTGTAGTTTGTAGTCTAGCAGACCAAATTTATTA AAAACTGCAGAAAATTGATGGGTCTGCTAATTAAG				
WB235	WB235_Fam_205_72_1	1	72	0.000000
TCCATCCAGCTGTGGTTGGTCTCTGGGTGAATCCTCGAGAAGTATCACTAGTAGTACCATTGGCTCCGTTCG				
WB235	WB235_Fam_206_72_1	1	72	0.000000
ATGAATTTTAATACAATTTTCTGACGATGAAGTCATAAAAAATTCATTTTTTGACCTTTCAACTTTAGTTTT				
WB235	WB235_Fam_207_72_1	1	72	0.000000
TGGTTGTGTTCCCAAAAGTGAGAAAAGAGGTACAGACCTCTGTACGAATATGTCTTATCAGCTTCAAAAGA				
WB235	WB235_Fam_208_71_1	1	71	0.000000
ATTTATGTGAAAATTCAGGTTTTTAGGGCATTTTTTGAGGGAATCTGAATTTTTCCGATTTTTCTGACGA				
WB235	WB235_Fam_209_70_1	1	70	0.000000
AAAAATCGATTTTTTGAAGTTTTTCTCAATAGAGCGCATTTTCAACAGCGAAAAAATTGAATTTTCCGCC				
WB235	WB235_Fam_210_69_1	1	69	0.000000
AGGTAGGCCTGTAGGCATTGACTGNCAGAAAAGCGTAGACAGGCAAGCAGGTAAAAAGATACATGAGGC				
WB235	WB235_Fam_211_68_1	1	68	0.000000
TTGGTTGAGGCTAGAAAATGTTGTAGTTTGTAGTGTGTTAGCCTCAACCAAATTAATTTTTTTTTAA				
WB235	WB235_Fam_212_68_1	1	68	0.000000
AATAGAGACGAATAAAAATTTAAAATTTTTATTAGTGTCTCTATTTTATAAAGAAAAATACATTTTCAA				
WB235	WB235_Fam_213_65_1	1	65	0.000000
TATCGAGAGAATNTTCCACATTCACTTTGAATTCNNTTCCAATTTCAATAAGACTCTCAGTAAG				
WB235	WB235_Fam_214_62_1	1	62	0.000000
GTAGTTTGTAGCTTTAGCCTCAACCAAATTAGCTAAAGCTTGAGTGAGGCTATGGTGATTTT				
WB235	WB235_Fam_215_62_1	1	62	0.000000
TGCTAACTAGCTACGGCCAGCTTAGGTGCCGGCTGCACGAGCAGTCTGGTTTAAATGTCGGC				
WB235	WB235_Fam_216_60_1	1	60	0.000000
CTAGCTAGATTAAACGCTCTCAAGAGACAGCATGTTGTTGTTGCCACAAGAAGAAGGCT				
WB235	WB235_Fam_217_60_1	1	60	0.000000
ATTCAGTTGAGCTCGTTATGTGCGTTGAAGACACAATTGGAGTGGTGCTTGAGGAGCTGG				
WB235	WB235_Fam_218_60_1	1	60	0.000000
CTGCTGATTCGGAGAAGAAGGCCCCAGCCAAGAGAGAAGCTGATAAGCCAAAGACTGAAT				
WB235	WB235_Fam_219_59_1	1	59	0.000000
CTACAAACTACAAAAGCCTATTTAGCAGACCCACGCCAACTTCTGATGGGTCTGTAGA				
WB235	WB235_Fam_220_57_1	1	57	0.000000
GAACTCAACAAGCTGATCAAGAGCAACACCGTGGATCCCAGCTGCCGGACAGAAGG				
WB235	WB235_Fam_221_55_1	1	55	0.000000
GGGATTATGGAGTTTCTTTTCTAGAATTTTTTGAAAAATTTTGACAGTTTTTT				
WB235	WB235_Fam_222_55_1	1	55	0.000000
AAGAGTCCCCACACACTGAAAGGTTTTAAGGAATTTTTGAGGATTCCTAGGGTT				
WB235	WB235_Fam_223_52_1	1	52	0.000000
GCATGTCTTCCAAGCGTTTTGAGCCACGCNTGGGATTTCTATACACGGCTG				

WB235	WB235_Fam_224_51_1	1	51	0.000000
	CCATCCGAAGATCCTCAACCATCTGGCCCACCATCTCCGGGACCAGTGGAC			
WB235	WB235_Fam_225_50_1	1	50	0.000000
	ACACATGCTATAACATTGTCTCTTCCCCTAGTGACGAGAGCGGCCGTT			
WB235	WB235_Fam_226_50_1	1	50	0.000000
	GGGCGTGTTTTACATGCCCCCCCCAAAAATTGATGTTTCCACCAAAAT			
WB235	WB235_Fam_227_49_1	1	49	0.000000
	CAATAATTTTAAATTAATTATCGATTTTTCTAAATTTTCCGAAAAAT			
WB235	WB235_Fam_228_49_1	1	49	0.000000
	GCTACGATATCGTAGCACTTTTTTATTTTTCCATATTCACCAAAAAAC			
WB235	WB235_Fam_229_48_1	1	48	0.000000
WB235	WB235_Fam_230_48_1	1	48	0.000000
WB235	WB235_Fam_231_46_1	1	46	0.000000
WB235	WB235_Fam_232_45_1	1	45	0.000000
WB235	WB235_Fam_233_45_1	1	45	0.000000
WB235	WB235_Fam_234_45_1	1	45	0.000000
WB235	WB235_Fam_235_43_1	1	43	0.000000
WB235	WB235_Fam_236_43_1	1	43	0.000000
WB235	WB235_Fam_237_43_1	1	43	0.000000
WB235	WB235_Fam_238_43_1	1	43	0.000000
WB235	WB235_Fam_239_42_1	1	42	0.000000
WB235	WB235_Fam_240_42_1	1	42	0.000000
WB235	WB235_Fam_241_41_1	1	41	0.000000
WB235	WB235_Fam_242_41_1	1	41	0.000000
WB235	WB235_Fam_243_40_1	1	40	0.000000
WB235	WB235_Fam_244_40_1	1	40	0.000000
WB235	WB235_Fam_245_40_1	1	40	0.000000
WB235	WB235_Fam_246_39_1	1	39	0.000000
WB235	WB235_Fam_247_39_1	1	39	0.000000
WB235	WB235_Fam_248_39_1	1	39	0.000000
WB235	WB235_Fam_249_39_1	1	39	0.000000
WB235	WB235_Fam_250_39_1	1	39	0.000000
WB235	WB235_Fam_251_39_1	1	39	0.000000
WB235	WB235_Fam_252_38_1	1	38	0.000000
WB235	WB235_Fam_253_37_1	1	37	0.000000
WB235	WB235_Fam_254_36_1	1	36	0.000000
WB235	WB235_Fam_255_36_1	1	36	0.000000
WB235	WB235_Fam_256_35_1	1	35	0.000000
WB235	WB235_Fam_257_35_1	1	35	0.000000
WB235	WB235_Fam_258_35_1	1	35	0.000000
WB235	WB235_Fam_259_34_1	1	34	0.000000
WB235	WB235_Fam_260_34_1	1	34	0.000000
WB235	WB235_Fam_261_34_1	1	34	0.000000
WB235	WB235_Fam_262_33_1	1	33	0.000000
WB235	WB235_Fam_263_32_1	1	32	0.000000
WB235	WB235_Fam_264_32_1	1	32	0.000000
WB235	WB235_Fam_265_32_1	1	32	0.000000
WB235	WB235_Fam_266_32_1	1	32	0.000000
WB235	WB235_Fam_267_31_1	1	31	0.000000
WB235	WB235_Fam_268_31_1	1	31	0.000000

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 GGAGGTGGAGAAAGTGTAGTTCCCGGTGGTCGNGGCTCTTCNAGGGT
 TGGTAAATTGCCTCCCGGANCACCCACTTTTCTTATTTCCCACTA
 ACCATCAGGCGGACCACCAGGACCATTGATCCATCAGGAGCACC
 ACAACTGAATCAACTGCAGCACCAGCACATCTACAGAGACACCT
 CCACCAGCACTGCTTCGAGTACGACAGAAAGCACTTCGACTCCAT
 CGAGTTTGGCCTACANCAAATTTGGCAAATTCGGCAAATTTGC
 GAAACTAGGCCACAGAGTTCAAATTTGATGGCCTAGAAATCTA
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 TCCACGTGGAATTTTCAGAAATTTTCNAGAAAAATTTGAAA
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 TTGCCGAATTTGCCGTTTGCCGAGCTCGTCAAAT
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WB235	WB235_Fam_269_31_1	1	31	0.000000	GACATCTCGCAGGACATTATAAGAAGCGACC
WB235	WB235_Fam_270_31_1	1	31	0.000000	CACGCCTATTTTATGGGCGGAGTCTACAAGC
WB235	WB235_Fam_271_31_1	1	31	0.000000	TGCGTCGGAATTNATTCGATCATCGCCGG
WB235	WB235_Fam_272_31_1	1	31	0.000000	TCCGATGCATTGCCGATAATCGGAACCTGGT
WB235	WB235_Fam_273_31_1	1	31	0.000000	GCAGCCGACGCTATACGGGTCTGATGGAGTA
WB235	WB235_Fam_274_31_1	1	31	0.000000	TCTGAGCTACGTA CTCTGTCAAGAACAA
WB235	WB235_Fam_275_31_1	1	31	0.000000	GATTTTTTCAGNGAAAANCNAAAAATTTTCG
WB235	WB235_Fam_276_31_1	1	31	0.000000	CCAAAAATGACTGAAAATAGTCAAAAAATTAG
WB235	WB235_Fam_277_31_1	1	31	0.000000	CAAAAAATCGGAAATTTTCACAAAAAATGC
WB235	WB235_Fam_278_31_1	1	31	0.000000	TTGGCCCGAGCTCTCTTGACCCCAAGCCCC
WB235	WB235_Fam_279_31_1	1	31	0.000000	AAAATTTTGACCCAGAAATCGAAAAATTCGC
WB235	WB235_Fam_280_31_1	1	31	0.000000	TCGTTTTTTTCATGAAAAACTCAATTTTCGG
WB235	WB235_Fam_281_31_1	1	31	0.000000	GAAAAAGTGCTGAAATCACAATTTTGAAC
WB235	WB235_Fam_282_30_1	1	30	0.000000	AATTTGAATTTTCCCGAATTTTNAACGAA
WB235	WB235_Fam_283_30_1	1	30	0.000000	TGGTGGAAC TGATT CGGCAGTGGAATGC
WB235	WB235_Fam_284_30_1	1	30	0.000000	CCTTGGGCTCCCTGAGCTCCAAATTGTGCT
WB235	WB235_Fam_285_30_1	1	30	0.000000	GTCAATTATCAGCTTCTGGTGCTTAGAAGA
WB235	WB235_Fam_286_30_1	1	30	0.000000	CAAAC TACAGTAGTACTGTAGTACCATAAC
WB235	WB235_Fam_287_30_1	1	30	0.000000	TTCAGGCAGGCATAGGTTACTTTGAAAAAT
WB235	WB235_Fam_288_30_1	1	30	0.000000	CCTTG TAGGCAAGGAGGTAGGCGTAGGTCA
WB235	WB235_Fam_289_30_1	1	30	0.000000	TTTCAGGCCAATTCNGTCATTTTGGACA
WB235	WB235_Fam_290_30_1	1	30	0.000000	AAAAATCAAAAATTAGATGAATTTTCGATTA
WB235	WB235_Fam_291_30_1	1	30	0.000000	CTCAAATTTGCACTAAAAATTCCAATTTT
WB235	WB235_Fam_292_30_1	1	30	0.000000	ACTACCCAACCGGCTCCGGCAACCAAGTCCA
WB235	WB235_Fam_293_29_1	1	29	0.000000	GGCCTAGAAANTTCTATTTGAAAGTTGAT
WB235	WB235_Fam_294_29_1	1	29	0.000000	TACATTGCAAGATCTTCTTACTATGTAGG
WB235	WB235_Fam_295_29_1	1	29	0.000000	CTCGTCAGTGGGTGGACGAGGAATGAGCG
WB235	WB235_Fam_296_28_1	1	28	0.000000	AATGTCGGCTGCTTCTAGAAACCAGGCA
WB235	WB235_Fam_297_28_1	1	28	0.000000	TGCCTCGCCTACGTGCTTATTTCAAGGCA
WB235	WB235_Fam_298_28_1	1	28	0.000000	CCAAGAGAATTTCAACCACCTGGAATTT
WB235	WB235_Fam_299_27_1	1	27	0.000000	TTCCGGCAAATCGGCAAATTGCAAAT
WB235	WB235_Fam_300_27_1	1	27	0.000000	ACAATAAAGTACTATGTATTACCGTAT
WB235	WB235_Fam_301_27_1	1	27	0.000000	CACTGACCAAAGAAAATATTANACGTG
WB235	WB235_Fam_302_26_1	1	26	0.000000	GGCAGGCGTCAAGCAGGCAGGTTTCA
WB235	WB235_Fam_303_26_1	1	26	0.000000	ACCTACAGTACCCCTGCTCCTAGAATG
WB235	WB235_Fam_304_26_1	1	26	0.000000	TACTGTAGTTTGACCTACTTANGGAT
WB235	WB235_Fam_305_26_1	1	26	0.000000	ATTTACGGAGCTTCAAGCTTGTGTCG
WB235	WB235_Fam_306_26_1	1	26	0.000000	TGAAATTTCAAAAAATATCGATTTTC
WB235	WB235_Fam_307_26_1	1	26	0.000000	AAATTAATCTGTCACTCTAACTTTT
WB235	WB235_Fam_308_25_1	1	25	0.000000	GTGCGCTGCTTNCAACCCTGAGTT
WB235	WB235_Fam_309_25_1	1	25	0.000000	AAAAATCTGTTCTNNAGAGTCCCTG
WB235	WB235_Fam_310_24_1	1	24	0.000000	GTGAGGTACGAGGTGAGGTANGAG
WB235	WB235_Fam_311_24_1	1	24	0.000000	AAGCACCACTCCTCCAAC TACAA
WB235	WB235_Fam_312_24_1	1	24	0.000000	AAGAAGGATGCTGAAGAGAAGAAG
WB235	WB235_Fam_313_24_1	1	24	0.000000	GCTTCTGGAGCTACAGGTTATCCA
WB235	WB235_Fam_314_24_1	1	24	0.000000	TCAACAACAACAGGAGAAGCTTCT
WB235	WB235_Fam_315_24_1	1	24	0.000000	TTTCAGTTTATCATCATTCTCCTG
WB235	WB235_Fam_316_24_1	1	24	0.000000	GGTGGCTGGTCAAAAAGTAAGTT
WB235	WB235_Fam_317_23_1	1	23	0.000000	GCATCATAAGGATCATAGTTGAT
WB235	WB235_Fam_318_23_1	1	23	0.000000	CGCTGTAAGACCTTCGCTGTAC

WB235	WB235_Fam_319_23_1	1	23	0.000000	GCTACAGTACCCCAGCTTGA
WB235	WB235_Fam_320_23_1	1	23	0.000000	TTTTCAGAAATAGGTATTT
WB235	WB235_Fam_321_22_1	1	22	0.000000	TTAAAAATTTTGTCAGTTG
WB235	WB235_Fam_322_22_1	1	22	0.000000	GCACGGCCTGGCGGTCTGA
WB235	WB235_Fam_323_22_1	1	22	0.000000	CTACAGTAACCCTAGTATTG
WB235	WB235_Fam_324_22_1	1	22	0.000000	AAGCGGTAACGTCGTCATAT
WB235	WB235_Fam_325_22_1	1	22	0.000000	TGCTAATTAGCGCGGNTGCG
WB235	WB235_Fam_326_22_1	1	22	0.000000	ACGTATACAGGCATATACAC
WB235	WB235_Fam_327_22_1	1	22	0.000000	CCGGCGTGGTNTTGAAGCGG
WB235	WB235_Fam_328_22_1	1	22	0.000000	TTTGTGGGAGCGACATATAC
WB235	WB235_Fam_329_21_1	1	21	0.000000	TGGCCTAGATTNTTTACAGG
WB235	WB235_Fam_330_21_1	1	21	0.000000	TCTCCTGGTAAATTTAAAAA
WB235	WB235_Fam_331_21_1	1	21	0.000000	ACCACCCCTACAACNACCAC
WB235	WB235_Fam_332_21_1	1	21	0.000000	AACCTTTTGGCAATTTTCCAA
WB235	WB235_Fam_333_21_1	1	21	0.000000	TGTGCCCTGGAAGCTGGCAG
WB235	WB235_Fam_334_21_1	1	21	0.000000	CTACGTAAGAGTAGCGCAGGA
WB235	WB235_Fam_335_21_1	1	21	0.000000	AATCTAGCCAGACGCACACCT
WB235	WB235_Fam_336_21_1	1	21	0.000000	CAATTTTCTGTTNAACTTTGA
WB235	WB235_Fam_337_21_1	1	21	0.000000	AAGTTTACTTTGATTTTTTT
WB235	WB235_Fam_338_21_1	1	21	0.000000	GGCAATTTTCCAGTGCAATTC
WB235	WB235_Fam_339_21_1	1	21	0.000000	CCATAGGTGGAAGATCTNATA
WB235	WB235_Fam_340_21_1	1	21	0.000000	GATTTACGGGGTGAACATGTG
WB235	WB235_Fam_341_21_1	1	21	0.000000	TTGGTGACAATGTGGAAACAA
WB235	WB235_Fam_342_21_1	1	21	0.000000	TTCTAATTCGACGCGCATNGT
WB235	WB235_Fam_343_21_1	1	21	0.000000	CTAATTAGCGTCGCTTCCNTT
WB235	WB235_Fam_344_21_1	1	21	0.000000	AAAAATCGATAAAATTTGGAN
WB235	WB235_Fam_345_21_1	1	21	0.000000	CACACGAGCTTGAGAGCCCGG
WB235	WB235_Fam_346_21_1	1	21	0.000000	TATTTTCAAAAAATTTAAAAA
WB235	WB235_Fam_347_21_1	1	21	0.000000	ACCCCGATTTTCACCCAAAAA
WB235	WB235_Fam_348_21_1	1	21	0.000000	CTCAATTCAATCAAGGAAATC
WB235	WB235_Fam_349_21_1	1	21	0.000000	CCATGTAGCTTCAAAATTNCT
WB235	WB235_Fam_350_21_1	1	21	0.000000	TGTCCGTGATGATCATGNGCA
WB235	WB235_Fam_351_21_1	1	21	0.000000	GGTGGACCCANGGGTTCCTAG
WB235	WB235_Fam_352_20_1	1	20	0.000000	CTATCGCCTGCTATCGCCTA
WB235	WB235_Fam_353_20_1	1	20	0.000000	ATTTGACCTACTTTTAAAAA
WB235	WB235_Fam_354_19_1	1	19	0.000000	GTA
WB235	WB235_Fam_355_19_1	1	19	0.000000	CCCTGATACCCCTAGTCC
WB235	WB235_Fam_356_19_1	1	19	0.000000	TATGGTGCATCTAACTAGT
WB235	WB235_Fam_357_19_1	1	19	0.000000	GCCTCACTCAAAATCCTCA
WB235	WB235_Fam_358_18_1	1	18	0.000000	AAAAGTTACAGTGTCCTT
WB235	WB235_Fam_359_18_1	1	18	0.000000	TTGTAGATCAACGGGGTC
WB235	WB235_Fam_360_18_1	1	18	0.000000	GGAGGTCCAGGTACCCCG
WB235	WB235_Fam_361_18_1	1	18	0.000000	TAAATAAGTGGCTATAAT
WB235	WB235_Fam_362_18_1	1	18	0.000000	ACTACTGTATCNCAGGAG
WB235	WB235_Fam_363_18_1	1	18	0.000000	CCTTCGCCTACCTACGTG
WB235	WB235_Fam_364_18_1	1	18	0.000000	TTTTTTGATAATTCCTGA
WB235	WB235_Fam_365_18_1	1	18	0.000000	AAATATTCTTATTTTCAG
WB235	WB235_Fam_366_18_1	1	18	0.000000	CCTGGTTGTCCNTCTNNT
WB235	WB235_Fam_367_18_1	1	18	0.000000	TTTCATAAGAAGTAAATN
WB235	WB235_Fam_368_18_1	1	18	0.000000	CATTGTCACTTCTTCTC

WB235	WB235_Fam_369_18_1	1	18	0.000000	AAGCCTATGCCTTTCCCA
WB235	WB235_Fam_370_17_1	1	17	0.000000	ACTTGGTACATAGGCCA
WB235	WB235_Fam_371_17_1	1	17	0.000000	ATTTTTTCCGCAAGTAG
WB235	WB235_Fam_372_17_1	1	17	0.000000	AAAATCAAACCGGCGGA
WB235	WB235_Fam_373_17_1	1	17	0.000000	AAATGCCAAAANTGCCA
WB235	WB235_Fam_374_17_1	1	17	0.000000	TAACCTGACTGCTACAG
WB235	WB235_Fam_375_17_1	1	17	0.000000	GAATTAGAAAAATTTGA
WB235	WB235_Fam_376_17_1	1	17	0.000000	TTGCAAGAAAAATCTGCA
WB235	WB235_Fam_377_17_1	1	17	0.000000	TTTAAACGTGACCTAGT
WB235	WB235_Fam_378_16_1	1	16	0.000000	TGATCTGATGATCTGA
WB235	WB235_Fam_379_16_1	1	16	0.000000	AATACGGGAATACGGG
WB235	WB235_Fam_380_16_1	1	16	0.000000	TTATAGTGTTATAGTG
WB235	WB235_Fam_381_16_1	1	16	0.000000	TGTATATATATATATA
WB235	WB235_Fam_382_16_1	1	16	0.000000	AAAAATTATTGAATAC
WB235	WB235_Fam_383_16_1	1	16	0.000000	GAATAATATTGGAGAA
WB235	WB235_Fam_384_16_1	1	16	0.000000	CTTAGATCTCAATTCC
WB235	WB235_Fam_385_16_1	1	16	0.000000	AGAGAGTATAGATTAG
WB235	WB235_Fam_386_15_1	1	15	0.000000	CGACCTGCGACCTAG
WB235	WB235_Fam_387_15_1	1	15	0.000000	CACAGGAGGCTGGGA
WB235	WB235_Fam_388_14_1	1	14	0.000000	AGCTTGAAGCTTGG
WB235	WB235_Fam_389_14_1	1	14	0.000000	GAAGGATCGGGCCG
WB235	WB235_Fam_390_14_1	1	14	0.000000	TTACCAAAATCTAA
WB235	WB235_Fam_391_13_1	1	13	0.000000	TTGGGGTGGGCCT
WB235	WB235_Fam_392_12_1	1	12	0.000000	AATACCAACCAC
WB235	WB235_Fam_393_12_1	1	12	0.000000	AGTTATATAGTA
WB235	WB235_Fam_394_12_1	1	12	0.000000	CATTGACTTGAG
WB235	WB235_Fam_395_11_1	1	11	0.000000	TTGTTTACAAG
WB235	WB235_Fam_396_11_1	1	11	0.000000	TACCTACTAGA
WB235	WB235_Fam_397_11_1	1	11	0.000000	AGATACACTTC
WB235	WB235_Fam_398_11_1	1	11	0.000000	TTTCAGGCCTA
WB235	WB235_Fam_399_10_1	1	10	0.000000	GATTTTCATA
WB235	WB235_Fam_400_10_1	1	10	0.000000	CAGCAGAGTG
WB235	WB235_Fam_401_10_1	1	10	0.000000	AACTTTCGAA
WB235	WB235_Fam_402_10_1	1	10	0.000000	TGGCGAAAGC