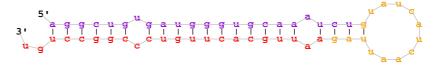
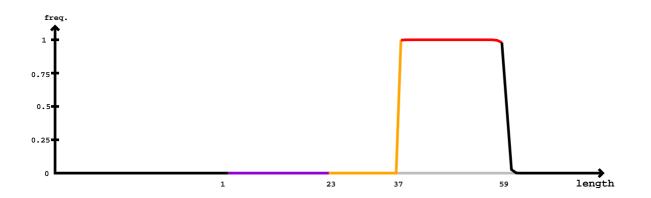
Provisional ID: NMRB01003515.1\_Notospermus\_geniculatus\_strain\_Ushimado\_scaffold3515,\_whole\_genome\_shotgun\_sequence\_43828

Score total : 156656.2 Score for star read(s) 3.9 Score for read counts 156647.5 1.9 Score for mfe Score for randfold 0 Score for cons. seed 3 Total read count 307269 307235 Mature read count Loop read count 0

34

Star read count





Star

51- uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuagaauugcacuugucccggccuguuugauuga	-3'	obs	
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuagaauugcacuugucccggccuguuugauuga		exp	
((((((((((.((((((((((((((((((	reads	mm	sample
.aggcugugaugggugcaaaucu	12	0	Mm1
Caauugcacuugucccggccugu	4	1	Mm1
aauugcacuugucccggcc	25	0	Mm1
	1	1	Mm1
aauugcacuugucccggGc	1	1	Mm1
aauugcacuugucceggcUu	1	1	Mm1
	1	1	Mm1
aauugcacuugucccgAccu	2	1	Mm1
	1	1	Mm1
aauugcacuugucccggccu	140	0	Mm1
	1	1	Mm1
aauugcacuuAucccggccu	2	1	Mm1
aauugcacuugucccgAccug	2	1	Mm1
	2	1	Mm1
	2	1	Mm1
aauugcacuuAucccggccug	1	1	Mm1
aauugcacuugucccggccug	527	0	Mm1
aauugcacuugucccgUccug	1	1	Mm1
	6	1	Mm1
aauugcacuugucceggccuU	2	1	Mm1
	5	1	Mm1
	1	1	Mm1
aauugcacuugucccggAcug	2	1	Mm1
aauugcacuugucccgCccug	1	1	Mm1
	1	1	Mm1
aauugcacuugucccUgccugu	4	1	Mm1
	25	1	Mm1
aauugcacuugucccggcUugu	4	1	Mm1
aCuugcacuugucccggccugu	1	1	Mm1
aauugNacuugucccggccugu	3	1	Mm1
aauugcacuugucccggcAugu	3	1	Mm1
Cauugcacuugucccggccugu	5	1	Mm1

Mature

DCal	acui e			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuaga		_	_	
a				Mm1
a				Mm1
a	auugcacuugucccggccuCu	1	1	Mm1
a	auugcacuugucccggccugu	29917	0	Mm1
a	auGgcacuugucccggccugu	1	1	Mm1
a	auugcacuuguUccggccugu	4	1	Mm1
a	auugcacuuUucccggccugu	24	1	Mm1
	auugcacuugucccggccugu	54	1	Mm1
	auugcNcuugucccggccugu			Mm1
			1	Mm1
	auugcacuugucccggccuUu			
	auugcacuugAcccggccugu			Mm1
a	Uuugcacuugucccggccugu	12	1	Mm1
a	auugcCcuugucccggccugu	1	1	Mm1
a	auugcacuuCucccggccugu	27	1	Mm1
a	auugcacuuAucccggccugu	35	1	Mm1
a	auugcacuugCcccggccugu	8	1	Mm1
a	auugcacuugucccgAccugu	96	1	Mm1
a	auugcacuugucccggGcugu	106	1	Mm1
	auCgcacuugucccggccugu		1	Mm1
				Mm1
	auugcacuugucccgCccugu			
	• • • •			Mm1
a	auugcacuugucAcggccugu		1	Mm1
a	aGugcacuugucccggccugu	5	1	Mm1
a	auugcGcuugucccggccugu	35	1	Mm1
a	auugAacuugucccggccugu	2	1	Mm1
a	auugcacuugucccgUccugu	49	1	Mm1
a	auugcacuuguccGggccugu	3	1	Mm1
a	aAugcacuugucccggccugu	9	1	Mm1
	auugcacuugucccggccugC			Mm1
	auugcacAugucccggccugu			Mm1
	auAgcacuugucccggccugu		1	Mm1
a				Mm1
a	auugcacuugucccggccGgu	1	1	Mm1
a	auugcacuugGcccggccugu	1	1	Mm1
a	auugcacuuguccUggccugu	7	1	Mm1
a	auugcacuCgucccggccugu	5675	1	Mm1
a	auugcacuugucGcggccugu	1	1	Mm1
a	auugcacuugucUcggccugu	7	1	Mm1
a	auugcacuugucccggccuAu	6	1	Mm1
	auugcacuugucccggccCgu		1	Mm1
	auugcaUuugucccggccugu			Mm1
				Mm1
a	auugcacCugucccggccugu	3	1	Mm1
a	auugcacGugucccggccugu	1	1	Mm1
	auugcacuugucccggccugu	7	1	Mm1
	auugcacuugucccggccugu	16	1	Mm1
a	auugcacuugucccggccAgu	1	1	Mm1
a	auugcacuugucccggcGugu	1	1	Mm1
a	auuUcacuugucccggccugu	2	1	Mm1
a	auuqcaAuuqucccqqccuqu	2	1	Mm1
a				Mm1
a				Mm1
a				Mm1
a				Mm1
a	auugUacuugucccggccugu	4	1	Mm1
a	auugcacuugucccggAcugu	243	1	Mm1
a	auuCcacuugucccggccugu	4	1	Mm1
a	Guugcacuugucccggccugu	16	1	Mm1
a	auugcacuugucccggccuguu	1742	0	Mm1
a			1	Mm1
a			1	Mm1
a				Mm1
a				Mm1
a	auugcacuugucccgAccuguu	3	1	Mm1
a	auugcacuugucccggUcuguu	5	1	Mm1
a	auugcacuugucccgUccuguu	4	1	Mm1
a	auugcacuugucccggccCguu	1	1	Mm1

Star Mature			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucu <mark>guaucaucaauuagaauugcacuugucccggccugu</mark> uugauugacugcaguuc	cauc		
aauugcacuugucccggAcuguu.	19	1	Mm1
aaAugcacuugucccggccuguu		1	Mm1
aauAgcacuugucccggccuguu	2	1	Mm1
aauugcGcuugucccggccuguu	1	1	Mm1
aauugcacuugucccggccugAu	1	1	Mm1
aauugNacuugucccggccuguu	1	1	Mm1
.aGuugcacuugucccggccuguu.	3	1	Mm1
aauugcacuuguccAggccuguu	1	1	Mm1
. aauugcacuugucceggecuguk.		1	Mm1
.aCuugcacuugucccggccuguu.	1	1	Mm1
aauugcacuugucAcggccuguuaauugcacuugucAcggccuguu	1	1	Mm1
aauugcacuuCucceggecuguu	4	1	Mm1
aauugcaUuugucccggccuguu	1	1	Mm1
	3	1	Mm1
	1	1	Mm1
aauugcacuugucccggcAuguuu		1	Mm1
.aauugcacuugucccggccuguAu	310	1	Mm1
aauugcacuugucccggccuguCuaauugcacuugucccggccuguCu	1	1	Mm1
.aauugcacuugucccggccuguuA	1	1	Mm1
aauugcacuCguccggccuguuu	75	1	Mm1
.aauugcacuugucccggUcuguuu.	1	1	Mm1
	7	1	Mm1
aauugcacuuguccUggccuguuu			
aauugcacuuCucceggccuguuu	1	1	Mm1
aauugcacuugucceggccuguuu	254	0	Mm1
aauugcacuugucccggGcuguuu	1	1	Mm1
aauugcUcuugucccggccuguuu	3	1	Mm1
aauugcacuugucccggAcuguuu	1	1	Mm1
aauugcacuuguceeggecuguuuU		1	Mm1
. aauugcacuugucceggecuguuuUa.		1	Mm1
auugcacuugucccggcGugu.	1	1	Mm1
auugcacuuguUccggccugu	1	1	Mm1
auugcacuugucccggccugu	48	0	Mm1
auugcacuugCcccggccugu	2	1	Mm1
auugcacuuVucceggecugu	1	1	Mm1
auugcacuuguceeggecugG		1	Mm1
auugcacuCguccoggccugu		1	Mm1
auugcacuugucccggccuguA	13	1	Mm1
auugcacuugucccggccuguu	3	0	Mm1
auugcacuCgucccggccuguu	1	1	Mm1
auugcacuugucccggccuguAu	14	1	Mm1
.auugcacuugucceggecuguuu	3	0	Mm1
uugcacuugucccggcUugu	1	1	Mm1
uugcacuuguccoggcugu	6	0	Mm1
gcacuugucccggccugu	1	0	Mm1
aggcugugaugggugcaaaucuaggcugugaugggugcaaaucu	3	0	Mm2
aggcugugauAggugcaaaucu.	4	1	Mm2
Caauugcacuugucccggccug	1	1	Mm2
. Caauuqcacuuqucccqqccuqu		1	Mm2
		1	Mm2
Caauugcacuugucceggccuguu.		1	Mm2
.aauugcacuugucccggc.	2	0	Mm2
.aGuugcacuugucccggc.	1	1	Mm2
aauugcacuugAcccggcc	1	1	Mm2
aauugcacuugucccggcc	38	0	Mm2
		1	Mm2
		1	Mm2
.aauugcacuAgucceggecu.			
aauugcacuuAucccggccu	4	1	Mm2
.aauugcacuugucccggccG	9	1	Mm2
.aauugcacuugucccggAcu	2	1	Mm2
.aauugcacuugucccggUcu.	1	1	Mm2
.aauugcacuuCucceggecu.	7	1	Mm2
aauugcacuugucccggccC		1	Mm2
		1	Mm2
aauugcaUuugucccggccu			
.aauugcacuugucceggecu.		0	Mm2
.aauugcacuugucccggGcug	8	1	Mm2
.aauugcacuugucccggAcug	25	1	Mm2
.aauugcacuuhucceggcoug.	3	1	Mm2
.aauugcacCugucccggccug	1	1	Mm2
			Mm2
Nauugcacuugucccggccug	1	1	PHILZ

bcar macure				
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuagaauugcacuugucccggccuguuu				
aauugcacuugucAcggccug	• • • • • • • • • • • • • • • • • • • •	1	1	Mm2
aauugcacuugucccgUccug	• • • • • • • • • • • • • • • • • • • •	4	1	Mm2
aauugcacuugCcccggccug	• • • • • • • • • • • • • • • • • • • •	1	1	Mm2
aauugcacuugucccggccuU		7	1	Mm2
aauugcacuugucccgAccug	• • • • • • • • • • • • • • • • • • • •	9	1	Mm2
aauugNacuugucceggccug		1	1	Mm2
aauugcGcuugucccggccug		2	1	Mm2
aauugcacuuguccUggccug		1	1	Mm2
aauugcacuugucccgCccug		6	1	Mm2
aauugcacuugucccggccCg		1	1	Mm2
		3	1	Mm2
aauugcacuugucUcggccug		3	1	Mm2
aauugcacuuCucccggccug		1	1	Mm2
aauugcacuugucceggccuC		1	1	Mm2
aauugcacuugucceggUcug		11	1	Mm2
aauugcacuuUucceggccug		1	1	Mm2
		2	1	Mm2
aauugcacuugucccggccuA			0	
aauugcacuugucccggccug		1882		Mm2
Cauugcacuugucceggccug		1	1	Mm2
aauugcacuugucccggccGg		54	1	Mm2
aauCgcacuugucccggccugu		15	1	Mm2
aauugUacuugucceggccugu	• • • • • • • • • • • • • • • • • • • •	36	1	Mm2
aauugcacuugucccggcUugu	• • • • • • • • • • • • • • • • • • • •	25	1	Mm2
aauugcacuuAucccggccugu	••••••	235	1	Mm2
aauugcacuugucccggcAugu	• • • • • • • • • • • • • • • • • • • •	5	1	Mm2
aauugCcccggccugu		11	1	Mm2
aauugcacuugucccggGcugu		411	1	Mm2
aauugcCcuugucccggccugu		3	1	Mm2
aauGgcacuugucccggccugu		5	1	Mm2
aauugcacuugucccCgccugu		2	1	Mm2
aauugcacuugucUcggccugu		60	1	Mm2
aauugcacuugGcccggccugu		2	1	Mm2
aCuugcacuugucceggccugu		11	1	Mm2
aauugcacuugucccggccuCu		50	1	Mm2
aauuUcacuugucceggccugu		17	1	Mm2
aauugcacuugucccAgccugu		25	1	Mm2
aauugcacuGgucccggccugu		7	1	Mm2
aauugcaGuugucccggccugu		4	1	Mm2
aauugAacuugucccggccugu		8	1	Mm2
aauugsMcuugucccggccugu		7	1	Mm2
			1	Mm2
aauuAcacuugucccggccugu		21 8	1	Mm2
aauugcacAugucceggecugu				
aauugcacuuguccegAccugu		293	1	Mm2
aauugcacuuUucccggccugu		113	1	Mm2
aauugcacuuguccUggccugu		40	1	Mm2
aauugNacuugucccggccugu		13	1	Mm2
aauugcacuuguAccggccugu		11	1	Mm2
aauugcaUuugucccggccugu		18	1	Mm2
aauugcUcuugucccggccugu		19	1	Mm2
aauugcacuugucccggccuAu		12	1	Mm2
aauugcacuugucccggccugG		1539	1	Mm2
aauugcacuugucccggccugC		204	1	Mm2
aauugcacuugucccggAcugu		1015	1	Mm2
aauugcacuugucceggccugA		46	1	Mm2
aauugcacuugucccggccGgu		5	1	Mm2
aauugcacuugucccggccAgu		5	1	Mm2
aauugcacuuguccAggccugu		8	1	Mm2
aaGugcacuugucccggccugu		27	1	Mm2
aauugcacuugucccgCccugu		295	1	Mm2
aauugcacCugucccggccugu		13	1	Mm2
aauAgcacuugucccggccugu		10	1	Mm2
aauugcacuuCucceggccugu		108	1	Mm2
aauugcacuuduceeggceugu		31	1	Mm2
aauugcacuugucccggccCgu		16	1	Mm2
aGuugcacuugucccggccugu		21	1	Mm2
		226	1	Mm2
		7	1	Mm2
aauugcacuAgucccggccugu			1	Mm2
aauugcacuugucccggccuUu		14		
aauugcacuugucceUgccugu		14	1	Mm2
aaAugcacuugucccggccugu		17	1	Mm2

Bear			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaauuagaauugcacuugucccggccuguuugauuga			
	59	1	Mm2
aauugcacuugucccggUcugu.	589	1	Mm2
aaCugcacuugucccggccugu	15	1	Mm2
aauugcacuuguUccggccugu	48	1	Mm2
aauugcacuugucccggcGugu	3	1	Mm2
Gauugcacuugucccggccugu	19	1	Mm2
aauugcGcuugucccggccugu	39	1	Mm2
aauugcacuugucccggccugu	113962	0	Mm2
aauugcacuugkcccggccugu	14	1	Mm2
aauugcacuuguccGggccugu.	5	1	Mm2
aNuugcacuuguccoggccugu.	1	1	Mm2
aauugcacGugucccggccugu	1	1	Mm2
aUuugcacuugucccggccugu	27	1	Mm2
	5	1	Mm2
aauuCcacuugucccggccugu	11	1	Mm2
aauugcacuuguGccggccugu.	7	1	Mm2
aauugcacuugucGcggccugu.	13	1	Mm2
	97	1	Mm2
aauugcaAuugucccggccugu	9	1	Mm2
aauugcacuCgucccggccuguaauugcacuCgucccggccugu	6825	1	Mm2
aauugGacuugucccggccugu	2	1	Mm2
aauugcacuugucccggAcuguu	81	1	Mm2
aauugcacuuguUccggccuguu	4	1	Mm2
aauugcacuuUucccggccuguu	8	1	Mm2
aauugcGcuugucccggccuguu	3	1	Mm2
aauugcacuugucccggUcuguu.	45	1	Mm2
aauugcacuugucccggccuguA	3949	1	Mm2
aauugcacuugucccgCccuguu	27	1	Mm2
aauugcacuugucccggGcuguu	29	1	Mm2
aUuugcacuugucccggccuguu	2	1	Mm2
	372	1	Mm2
aauugcacuCgucccggccuguu			
aauugcacuugCcccggccuguu.	1	1	Mm2
aauugAacuuguccoggccuguu.	3	1	Mm2
aauugNacuuguccoggccuguu.	3	1	Mm2
aauugcacuugucccggccuguG.	35	1	Mm2
aauugcacuugucccggccuCuu	2	1	Mm2
Gauugcacuugucccggccuguu	1	1	Mm2
aauugcacuugAcccggccuguuaauugcacuugAcccggccuguu	1	1	Mm2
aaAugcacuugucccggccuguu	1	1	Mm2
aauugcUcuugucccggccuguu	1	1	Mm2
aauugcacuugucccgAccuguu	32	1	Mm2
aauugcacuugucccggccuguC	9	1	Mm2
aauugcacuugucccggccuUuu	2	1	Mm2
aauugcacuuCucccggccuguu.	5	1	Mm2
aauugcacuuguccUggccuguu.	8	1	Mm2
	5	1	Mm2
	2	1	Mm2
aauugcacuugucccCgccuguu	1	1	Mm2
aauCgcacuugucccggccuguu	4	1	Mm2
	1	1	Mm2
aauugcaUuugucccggccuguu	2	1	Mm2
aauugcacuugucccggccuguu.	9002	0	Mm2
aauugcacuugucUcggccuguu	6	1	Mm2
aauAgcacuugucccggccuguu	3	1	Mm2
aauugcacuugucccggccCguu	1	1	Mm2
aauugcacuugucccggccugAu	1	1	Mm2
aauugcacuugucccggcUuguu	2	1	Mm2
aauugcacuuAucccggccuguu	22	1	Mm2
aauugcacuugucccggccugCu	3	1	Mm2
aauuUcacuugucccggccuguu	1	1	Mm2
aauugcacuugucccgUccuguu	18	1	Mm2
aauugUacuugucccggccuguu	2	1	Mm2
aauugcacuugucccAgccuguu	1	1	Mm2
aauugcacuuguccAggccuguu	3	1	Mm2
aaGugcacuugucccggccuguu	2	1	Mm2
aauugcacuugucccggccugGu	3	1	Mm2
aauugcacuugucAcggccuguu	3	1	Mm2
aauugcacuugucccggcAuguu	1	1	Mm2
aauugcacuuUucccggccuguuu	3	1	Mm2
aauugcacuugucccggccCguuu	1	1	Mm2

Star Mature			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaauuagaauugcacuugucccggccuguuugauuga			
aauugcacuGgucccggccuguuu	1	1	Mm2
aauugcacuugucccggccuguCu.	7	1	Mm2
aauugcaUuugucccggccuguuu	1	1	Mm2
aauugcacuuguGccggccuguuu	1	1	Mm2
aauugcacuCgucccggccuguuu	86	1	Mm2
aauugcacuugucccggGcuguuu	5	1	Mm2
aauugcacuugucccgAccuguuu	7	1	Mm2
Nauugcacuugucccggccuguuu	2	1	Mm2
	4	1	Mm2
aauugcacuugucccggccuguuA	48	1	Mm2
aauugcacuugucccggccuguGu	2	1	Mm2
aauugcacuugucccggccuguuu	1557	0	Mm2
aauugcacuugucceggccuguAu	1211	1	Mm2
aauugcacuugucccggUcuguuu	9	1	Mm2
aauugcacuugucccggccuguuC	5	1	Mm2
	2	1	Mm2
	2	1	Mm2
aauugcacuugucUcggccuguuu			
aauugcacuugucccggAcuguuu	9	1	Mm2
aauugcaAuugucccggccuguuu	2	1	Mm2
aauuAcacuugucceggceuguuu.	1	1	Mm2
aauugcacuugucccggccuUuuu	2	1	Mm2
aauugcacuuCucccggccuguuu	1	1	Mm2
aauugcacuugucccgUccuguuu	4	1	Mm2
aauugcacuuAucccggccuguuu	4	1	Mm2
aauugcacuugucccggccuCuuu	1	1	Mm2
aauCgcacuugucccggccuguuu	1	1	Mm2
aaAugcacuugucccggccuguuu	1	1	Mm2
aauugcacuugucceggccuguuuU	140	1	Mm2
aauugcacuugucccggccuguuuA	1	1	Mm2
aauugcacuugucccggccuguuug	2	0	Mm2
aauugcacuugucccggccuguAug	1	1	Mm2
aauugcacuugucccggccuguuuC	1	1	Mm2
auugcacuuguUccggccug	1	1	Mm2
auugcacuugucceggeeug	8	0	Mm2
auugcacuGgucceggccugu.	1	1	Mm2
auugcacuugucccggccugG	3	1	Mm2
auugcacuuUucccggccugu	5	1	Mm2
auugcacuCgucccggccugu	22	1	Mm2
auugcacuugGcccggccugu	2	1	Mm2
auugcacuugucccggccuUu	2	1	Mm2
auugcacuugucccggAcugu	1	1	Mm2
auugcacuugucecggacugu	2	1	Mm2
	201	0	Mm2
auugcacuugucceggceugu	201	1	
auugGacuugucccggccugu	1	1	Mm2
auugcacuuguUccggccugu	2	1	Mm2
auuUcacuuguceeggeeugu	1	1	Mm2
auuAcacuugucceggccugu	2	1	Mm2
auuUcacuugucccggccuguu.	1	1	Mm2
auugcacuugucccggccuguA	42	1	Mm2
auugcacuCgucccggccuguu	2	1	Mm2
auugcacuuUucccggccuguu	1	1	Mm2
auugcacuugucccggccuguu	20	0	Mm2
auugcacuugucccggccuguuu	6	0	Mm2
.auugcacuugucccggccuguuA	1	1	Mm2
auugcacuCgucceggccuguuu	2	1	Mm2
auugcacuugucccggccuguAu	10	1	Mm2
.uugcacuugucccggccugu	4	0	Mm2
ugcacuugucccggccuCu	1	1	Mm2
ugcacuugucceggceugu	3	0	Mm2
gcacuugucccggccugu	4	0	Mm2
aauugcacuuCucccggccu	1	1	Fm2
aauugcacuuAucccggccu	1	1	Fm2
aauugcacuugucccggccG	4	1	Fm2
aauugcacuugucccggccu	56	0	Fm2
aauugcacuugucccggccA	1	1	Fm2
aauugcacuugucccggAcu	1	1	Fm2
aauugcacuugucccggAcug	1	1	Fm2
aauugcacuugucccggccug	123	0	Fm2
aauugcacuugucccggccuA	1	1	Fm2

star Mature			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuagaauugcacuugucccggccuguuugauuga	:		
.aauugcacuugucccgUccug	1	1	Fm2
.aauugcacuugucccggUcug	1	1	Fm2
aauugcacuuCucccggccug.	1	1	Fm2
aauugcacuugucccggccGg	8	1	Fm2
	11	1	Fm2
aGuugcacuugucccggccugu.	1	1	Fm2
aauugcacuuCucccggccugu	2	1	Fm2
aauugcacuuAucccggccugu	5	1	Fm2
		1	
.aauugcacuugAcccggccugu.	1		Fm2
aauugcacuugucccggAcuguaauugcacuugucccggAcugu	18	1	Fm2
aauugcacuuguceeggeeugC	6	1	Fm2
aauugcGcuugucccggccugu.	5	1	Fm2
.Nauugcacuugucccggccugu.	1	1	Fm2
aauugcacuugucccggGcugu	3	1	Fm2
aauugcacuugucccggccuCuaauugcacuugucccggccuCu	3	1	Fm2
.aauugcacuugucccgCccugu	1	1	Fm2
aauugGacuugucccggccugu	1	1	Fm2
aauugcacuugucccggccugA	5	1	Fm2
Cauugcacuugucccggccugu	1	1	Fm2
.aauugcacuugucccggUcugu	7	1	Fm2
aauugcacuugucccgUccugu.	1	1	Fm2
aUuugcacuugucccggccugu	1	1	Fm2
.aauugcacuugucccgAccugu	3	1	Fm2
		1	Fm2
.aauugcacuCgucccggccugu.			
aauugcacuugucccggccuUu	1	1	Fm2
.aauugcacuugucccggccugG	34	1	Fm2
.aauugcacuugucccggccugu	1878	0	Fm2
aauugcacuugucccggGcuguu	2	1	Fm2
aauugcacuuUucccggccuguu	1	1	Fm2
aauugcacuugucccggccuguG.	1	1	Fm2
	1	1	Fm2
.aauugcaUuugucccggccuguu.			
aauugcacuugucccggAcuguu	3	1	Fm2
aauugcacuugucccggccugCu	3	1	Fm2
aauugcacuCgucccggccuguu.	209	1	Fm2
	1	1	Fm2
.aauugcacuugucccggccuUuu.			
aauugcacuuguccgUccuguu	2	1	Fm2
	2	1	Fm2
aauugcacuugucceggccuguu.	369	0	Fm2
		1	
aauugcacuugucccgCccuguu	1		Fm2
aauugcacuugucccggUcuguu	1	1	Fm2
aauugcacuugucccggccuguA	362	1	Fm2
aauugcacuugucceUgccuguu.	1	1	Fm2
aauugcacuugucccggccuguuu	247	0	Fm2
aauugcacuugucccggccuguuG	13	1	Fm2
aauugcacuugucGcggccuguuu	1	1	Fm2
Аинфизорроссиринав.		1	Fm2
· · · · · · · · · · · · · · · · · · ·			
.Nauugcacuugucceggccuguuu	1	1	Fm2
.aauugcacuugucccggccuguAu	47	1	Fm2
aUuugcacuugucccggccuguuu.	1	1	Fm2
aauugcacuugucceggAcuguuu		1	Fm2
.aauugcacuCgucccggccuguuu.	105	1	Fm2
aauugcacuugucccggccuguuug	1	0	Fm2
.aauugcacuugucccggccuguuuU	63	1	Fm2
		0	
auugeacuugucceggecugu.			Fm2
auugcacuugucccggccuguu	1	0	Fm2
auugcacuugucccggccuguuu	2	0	Fm2
auugcacuugucccggccuUuuu.		1	Fm2
	_	-	
			Fm1
.aggcugugaugggugcaaaucu	2	0	Fm1
.aggcugugaugggugcaaaucu .aggcugugaugggugcaCaucu		0 1	LILL
aggcugugaugggugcaCaucu	1	1	
aggcugugaugggugcaCaucu	1	1 0	Fm1
.aggcugugaugggugcaCaucu	1 1 3	1 0 1	Fm1 Fm1
aggcugugaugggugcaCaucu	1 1 3	1 0	Fm1
.aggcugugaugggugcaCaucu	1 1 3 15	1 0 1	Fm1 Fm1
. aggcugugaugggugcaCaucu . ucuguaucaucaauuagaauugcacuugucccggccugu. . Caauugcacuugucccggccugu . Caauugcacuugucccggccugu. . Caauugcacuugucccggccuguu.	1 1 3 15 2	1 0 1 1	Fm1 Fm1 Fm1
.aggcugugaugggugcaCaucu .ucuguaucaucaauuagaauugcacuugucccggccuguCaauugcacuugucccggccuguCaauugcacuugucccggccuguCaauugcacuugucccggccuguuaauugcacuugucccggc	1 1 3 15 2 5	1 0 1 1 1	Fm1 Fm1 Fm1 Fm1
. aggcugugaugggugcaCaucu . ucuguaucaucaauuagaauugcacuugucccggccugu. . Caauugcacuugucccggccugu . Caauugcacuugucccggccugu. . Caauugcacuugucccggccuguu.	1 1 3 15 2 5	1 0 1 1 1	Fm1 Fm1 Fm1 Fm1 Fm1
.aggcugugaugggugcaCaucu .ucuguaucaucaauuagaauugcacuugucccggccuguCaauugcacuugucccggccuguCaauugcacuugucccggccuguCaauugcacuugucccggccuguuaauugcacuugucccggc	1 1 3 15 2 5	1 0 1 1 1	Fm1 Fm1 Fm1 Fm1
.aggcugugaugggugcaCaucu .ucuguaucaucaauuagaauugcacuugucccggccugu .Caauugcacuugucccggccugu .Caauugcacuugucccggccugu .Caauugcacuuguccggccuguu .aauugcacuugucccggcCUaauugcacuugucccggcCG.	1 1 3 15 2 5 8	1 0 1 1 1	Fm1 Fm1 Fm1 Fm1 Fm1
.aggcugugaugggugcaCaucu .ucuguaucaucaauuagaauugcacuugucccggccugu .Caauugcacuugucccggccugu .Caauugcacuugucccggccugu .Caauugcacuugucccggccuguu .aauugcacuugucccggcCG .aauugcacuugucccggcCG .aauugcacuugucccggAcu .aauugcacuugucccggAcu	1 1 3 15 2 5 8 1 6	1 0 1 1 1 1 1	Fm1 Fm1 Fm1 Fm1 Fm1 Fm1
.aggcugugaugggugcaCaucu .ucuguaucaucaauuagaauugcacuugucccggccugu .Caauugcacuugucccggccugu .Caauugcacuugucccggccugu .Caauugcacuugucccggccuguu .aauugcacuugucccggccuguu .aauugcacuugucccggccGaauugcacuugucccggcGc .aauugcacuugucccggccu	1 1 3 15 2 5 8 1 6	1 0 1 1 1 1 1 1	Fml Fml Fml Fml Fml Fml Fml
.aggcugugaugggugcaCaucu .ucuguaucaucaauuagaauugcacuugucccggccugu .Caauugcacuugucccggccugu .Caauugcacuugucccggccugu .Caauugcacuugucccggccuguu .aauugcacuugucccggcCG .aauugcacuugucccggcCG .aauugcacuugucccggAcu .aauugcacuugucccggAcu	1 1 3 15 2 5 8 1 6	1 0 1 1 1 1 1	Fm1 Fm1 Fm1 Fm1 Fm1 Fm1

Star Mature			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaauuagaauugcacuugucccggccu	guuugauugacugcaguucauc		
	ıg 1	1	Fm1
aauugcGcuugucccggccu	g 1	1	Fm1
aauugcacuugucccggcc	lg 13	1	Fm1
aauugcacuugucccggUcu	g 2	1	Fm1
aauugcacuugucccggAcu	ıg 1	1	Fm1
aauugcacuugucccggGcu	ıg 1	1	Fm1
aauugcacuuguAccggccu	ıg 1	1	Fm1
aauugcacuugucccggccu		1	Fm1
aauugcacuugucccgUccu		1	Fm1
aaGugcacuugucccggccu		1	Fm1
aauugcacuugucccggccu		1	Fm1
		1	Fm1
		0	Fm1
aauugcacuugucceggccu		1	Fm1
aauugcacuugucAcggccu			
aauugcacuugucceggAcu		1	Fm1
aauugcacuugucccggcc		1	Fm1
aauugcacuugucccggUcu		1	Fm1
aauugcUcuugucccggccu		1	Fm1
	.gu 13	1	Fm1
aauugcacuugucccggcUv	gu 2	1	Fm1
aauugcacuuAucccggccu	gu 20	1	Fm1
aauugcacuugucccgAccu	.gu	1	Fm1
aauugcacuuguccAggccu	gu 1	1	Fm1
aauugcacuugucccggcc	gu 1	1	Fm1
aauugcacuugucccgCccu	.gu 30	1	Fm1
aauugcacuugucccggccu	.Uu 4	1	Fm1
aauuAcacuugucccggccu	.gu 2	1	Fm1
aauugcacuugucccggccu	ıgC 38	1	Fm1
aauugcacuuguUceggecu		1	Fm1
aauugcacuugucGeggecu		1	Fm1
aauugcacuugucUcggccu		1	Fm1
aauugcacuugucceggecu		1	Fm1
		1	Fm1
		1	Fm1
aauugcacCugucccggccu			
aaAugcacuugucceggecu		1	Fm1
		1	Fm1
aauugcacuugucccggccu		1	Fm1
aauugcaUuugucccggccu		1	Fm1
aauugcacuugucccggGcu		1	Fm1
aauugcGcuugucccggccu		1	Fm1
aauugcacuugucccgUccu	gu 25	1	Fm1
aauugcacuugucccggccu	Cu 12	1	Fm1
aauugcacuuguAccggccu	gu 2	1	Fm1
aaNugcacuugucccggccu	gu 1	1	Fm1
aaGugcacuugucccggccu	gu 1	1	Fm1
aauugcacuugucccggccu	Au 1	1	Fm1
	gu 2	1	Fm1
aauCgcacuugucccggccu	gu 6	1	Fm1
aauugcacuCgucccggccu	gu 4202	1	Fm1
aauugcacAugucccggccu	.gu 3	1	Fm1
aauugcacuugucccggcAt	.gu 3	1	Fm1
aauugcacuugucccggccC	!gu 3	1	Fm1
aGuugcacuugucccggccu	.gu	1	Fm1
aauugcacuuUucccggccu		1	Fm1
aauugcacuuguGccggccu		1	Fm1
aauuCcacuugucccggccu		1	Fm1
aauuccacuugucccggccu	•	1	Fm1
aauAgcacuugucccggccu		1	Fm1
aauugUacuugucceggeeu		1	Fm1
aaCugcacuugucccggccu		1	Fm1
aauugNacuugucccggccu		1	Fm1
aauugcacuugucceggeeu		0	Fm1
aauugcacuuCucccggccu		1	Fm1
aauugcacuugCcccggccu		1	Fm1
aauugcacuugucccggcGu		1	Fm1
aauuUcacuugucccggccu		1	Fm1
	gu 8	1	Fm1
aauugcacuuguccUggccu	gu 6	1	Fm1
aauugcacuugucccAgccu	gu 4	1	Fm1
aauugcacuugucccggccu	Uuu 1	1	Fm1

star Mature			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucu <mark>guaucaucaauuagaauugcacuugucccggccuguu</mark> uugauugacugcaguucauc			
aauugcacuugucccggUcuguu	12	1	Fm1
.aauugcacuugucccgAccuguu	4	1	Fm1
aauugcacuugucccggccuguC.	1	1	Fm1
	3	1	Fm1
aauugcacuuUucccggccuguu			
aauugcacuugucccgUccuguu	6	1	Fm1
aauugcacuugucccggAcuguu.	26	1	Fm1
aauugcacuugucccggccuCuu	1	1	Fm1
.aauugcacuugucccUgccuguu	1	1	Fm1
aauugcacuugucceggccuguG	31	1	Fm1
aauugcacuugucccggccuAuu	1	1	Fm1
.aauugcacuugucccgCccuguu	2	1	Fm1
aauugNacuugucccggccuguu	1	1	Fm1
	1	1	Fm1
aauuAcacuugucccggccuguu	2	1	Fm1
aauugcacuugucccggccugCu			
aDuugcacuugucccggccuguu.	1	1	Fm1
aauugcacuugucccggGcuguu	5	1	Fm1
aauugcacuugucUcggccuguu	1	1	Fm1
aauugcGcuugucccggccuguu	1	1	Fm1
aauugcacuuCucccggccuguu	2	1	Fm1
.aauugcacuuAucccggccuguu	9	1	Fm1
.aauugUacuugucccggccuguu	2	1	Fm1
Nauugcacuugucccggccuguu	1	1	Fm1
aauugcacuCgucccggccuguu	1117	1	Fm1
aauugeacuuguUccggccuguu	1	1	Fm1
	1931	0	Fm1
aauugcacuugucccggccuguu			
aauCgcacuugucccggccuguu	1	1	Fm1
aauugcacuugucccggccuguA.	1163	1	Fm1
aauugcacuugucccggAcuguuu.	6	1	Fm1
aauugcacuCgucccggccuguuu	357	1	Fm1
.aauugcacuugucAcggccuguuu	1	1	Fm1
.aauugcacuugucccgUccuguuu	1	1	Fm1
aaCugcacuugucccggccuguuu	1	1	Fm1
.aauugcacuugucccggccuguuG	2	1	Fm1
.aauugcacuugucceggccuguuu	434	0	Fm1
aauugcacuuguccegCecuguuu	2	1	Fm1
.Nauugcacuugucccggccuguuu	1	1	Fm1
.aauugcacuugucccgAccuguuu	1	1	Fm1
aauugcacuugucccggGcuguuu	2	1	Fm1
.aauugcacuugucccggUcuguuu.	3	1	Fm1
aauugcacuugucccggccuguuA	23	1	Fm1
aauugcacuugucccggccugCuu	1	1	Fm1
aauugcacuuUucccggccuguuu	1	1	Fm1
aauugcacuugucccggccuguAu	283	1	Fm1
		1	
aauugcacuuAucccggccuguuu	1		Fm1
aauugcacuugucccggccuguuuU	29	1	Fm1
.aauugcacuugucccggccuguuuA	1	1	Fm1
auugcacuugucccggccugG	1	1	Fm1
.auugcacuugucccggGcugu	1	1	Fm1
.auugcacuugucceggeeugu	28	0	Fm1
auugcacuCgucccggccugu	8	1	Fm1
auugcacuuUucccggccugu	1	1	Fm1
auugcacuuguccUggccuguu	1	1	Fm1
auuqcacuCqucccqqcuquu.	3	1	Fm1
auugcacuugucccggccuguA.	11	1	Fm1
auugcacuugucccggccuguu	4	0	Fm1
auugcacuCgucccggccuguuu	2	1	Fm1
auugcacuugucccggccuguku	5	1	Fm1
uugcacuCgucccggccugu	2	1	Fm1
gcacuugucccggccugu	4	0	Fm1
300000000000000000000000000000000000000	5	•	36 3
aggcugugaugggugcaaaucu	5	0	Mm3
aAaauugcacuugucccggccuguu	1	1	Mm3
Caauugcacuugucccggccugu	14	1	Mm3
Caauugcacuugucccggccuguu	2	1	Mm3
aauugcacuugucccggc	8	0	Mm3
	1	1	Mm3
aauugcacuugucccggcU	1	1	Mm3
aauugcacuugucccggcc	28	0	Mm3
aauugcacuugucccggcA	1	1	Mm3
aauugcacuuguccUggcc	1	1	Mm3

uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuagaauugcacuugucceggccuguuugauugacugcaguucauc			
		_	
aauugcacuugucccggccG.	10	1	Mm3
aauugcacuugucccggGcu.	1	1	Mm3
aauugcacuAgucccggccu.	1	1	Mm3
aauugcacuugucccggUcu	2	1	Mm3
aauugcacuugucccggcUu	1	1	Mm3
aauugcacuuAucccggccu	8	1	Mm3
aauugcacuuCucccggccu	2	1	Mm3
aauugeacuuguecegCccu	3	1	Mm3
	2	1	Mm3
	3	1	Mm3
aauugcacuugucccgUccu	1	1	Mm3
	2	1	Mm3
aauugcacuugucccggccu	379	0	Mm.3
aauugcacuuUuccggccug	7	1	Mm.3
aauugcacuugucccggccuC	1	1	Mm3
aauugcacuugucccggUcug	5	1	Mm3
aauugcacuugucccggccGg	13	1	Mm3
aauugAacuugucccggccug	1	1	Mm3
	1	1	Mm3
aGuugcacuugucccggccug		1	Mm3
aauugcacuugucccggccCg	11		
aauugcacuugucccgCccug	1	1	Mm3
aauugcacuuguccoggAcug.	11	1	Mm3
aauugcacuugucccgUccug.	4	1	Mm3
aauugcacuugucccggccug.	748	0	Mm3
aauugcacuugucccggGcug.	7	1	Mm3
aauugcacuugucccgAccug	3	1	Mm3
aauugcacuuAucccggccug	1	1	Mm3
aauugcacuugucccggccuA	2	1	Mm3
aauugcacuugucccggccuU	5	1	Mm3
aauugcacuuguUccggccug	3	1	Mm3
aauugNacuugucccggccugu	3	1	Mm3
	2	1	Mm3
	24	1	Mm3
aauugcacuuAucccggccugu	96	1	Mm3
aauugcacuCgucccggccugu	6582	1	Mm.3
aauugcacuugucccggccugG.	434	1	Mm.3
aaAugcacuugucccggccugu.	10	1	35 3
aauugcacAugucccggccugu			Mm3
	5	1	Mm3
			Mm3
aauugcacuugucccCgccugu	5	1 1	Mm3 Mm3
	5 8	1 1 1	Mm3 Mm3 Mm3
aauugcacuugucccCgccugu	5 8 6	1 1 1	Mm3 Mm3 Mm3
aauugcacuugucccCgccugu	5 8 6 5	1 1 1 1	Mm3 Mm3 Mm3 Mm3
aauugcacuugucccCgccugu. aaCugcacuugucccggccugu. aaGugcacuugucccggccugu. aauCgcacuugucccggccugu. Cauugcacuugucccggccugu.	5 8 6 5 3	1 1 1	Mm3 Mm3 Mm3 Mm3 Mm3
aauugcacuugucccGgccugu. aaCugcacuugucccggccugu. aaGugcacuugucccggccugu. aauugcacuugucccggccugu. Cauugcacuugucccggccugu. aauugcacuugucccggccugu.	5 8 6 5 3 110	1 1 1 1 1	Mm3 Mm3 Mm3 Mm3 Mm3 Mm3 Mm3
aauugcacuugucccCgccugu. aaCugcacuugucccggccugu. aaGugcacuugucccggccugu. aauCgcacuugucccggccugu. Cauugcacuugucccggccugu. aauugcacuugucccgAccugu. aauugcacuugucccgAccugu.	5 8 6 5 3 110 5	1 1 1 1 1 1	Mm3 Mm3 Mm3 Mm3 Mm3 Mm3
	5 8 6 5 3 110 5 115	1 1 1 1 1 1 1	Mm 3 Mm 3 Mm 3 Mm 3 Mm 3 Mm 3 Mm 3 Mm 3
	5 8 6 5 3 110 5 115	1 1 1 1 1 1 1	Mm 3
	5 8 6 5 3 110 5 115 1 6	1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3	1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 3371	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
aauugcacuugucccggccugu	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1		Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5		Mm3
aauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu.  cauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuuguccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu. aauugcacuugucccggccugu.	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5		Mm3
aauugcacuugucccggccugu.  aauugcacuugucccggccugu.  aauugcacuuguccggccugu.  aauugcacuugucccggccugu.  aauugcacuuguccggccugu.  aauugcacuugucccggccugu.  aauugcacuugucccggccugu.  aauugcacuuguccggccugu.  aauugcacuugucccggccugu.	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5		Mm3
. aauugcacuugucccggccugu . aaGugcacuugucccggccugu . aauugcacuuguccggccugu . aauugcacuuguccggccugu . Cauugaccuuguccggccugu . aauugcacuuguccggccugu	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5 118		Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5 11 8 227 8		Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5 11 8 227 8		Mm3
aauugaacuugucceggccugu.	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5 11 8 227 8 7		Mm3
aauugaauuguccggacugu  aaaugaauuguccggacugu  aauugaauug	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5 11 8 227 8 7		Mm3
### ##################################	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5 11 8 227 8 7		Mm3
	5 8 6 5 3 110 5 115 1 6 3 2 5 1 7 3 371 328 1 9 5 11 8 227 8 7 14 3 3 9		Mm3

Star Mattre			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuag <mark>aauugcacuugucccggccuguuugauugacu</mark> gcaguucauc			
aauugcacuugucccAgccugu.	10	1	Mm3
aauugcacuugucccgCccugu.	114	1	Mm3
aauugcacuuguGccggccugu	2	1	Mm3
aUugcacuugucccggccugu	9	1	Mm3
aauuCcacuugucceggccugu	1	1	Mm3
aauugcacCugucceggccugu	1	1	Mm3
aauugcacuugucccggccuAu	3	1	Mm3
aauugcacuugucceggeUugu	6	1	Mm3
aauuAcacuugucceggecugu.	3	1	Mm3
aauugcacuuguUceggccugu	21	1	Mm3
aauugcacuugucccggGcuguaauugcacuugucccggGcugu	164	1	Mm3
aauugcacuugucccggccugA.	70	1	Mm3
aauugcacuuguccGggccugu.	3	1	Mm3
aauugcacuGgucccggccugu	1	1	Mm3
aauugcacGugucccggccugu	3	1	Mm3
	15	1	Mm3
aauugcacuugucceggccugu	43909	0	Mm3
aauugcacuugucceggceGgu	3	1	Mm3
.aNuugcacuugucccggccugu	1	1	Mm3
Gauugeacuugucceggecugu	6	1	Mm3
aauugcaAuugucccggccugu	1	1	Mm3
aaNugcacuugucceggccugu	1	1	Mm3
	53	1	Mm3
.aauugcacuugucceUgccugu	4	1	Mm3
aauugcacuuCucccggccugu	45	1	Mm3
aauGgcacuugucccggccuguaauGgcacuugucccggccugu	1	1	Mm3
aauugcacuugucceggccuCu	42	1	Mm3
aauugeCcuugucceggccugu	2	1	Mm3
.aauugcacuugucUcggccugu	23	1	Mm3
Gauugcacuugucceggecuguu	1	1	Mm3
aauugcacuuguccUggccuguu	2	1	Mm3
aauugcacuAgucceggccuguuaa	1	1	Mm3
	2	1	Mm3
aauugcacuugucccggccuguC			
aauugAacuugucceggccuguu.	1	1	Mm3
.aauugcacuugucceggccuguu.	4307	0	Mm3
aauCgcacuugucccggccuguu	1	1	Mm3
aauugcacuugucccgUccuguu	9	1	Mm3
aauuUcacuugucceggccuguu	1	1	Mm3
aauugcacuuUucceggccuguu	9	1	Mm3
aauugcacuugAcceggccuguu	1	1	Mm3
aauugcacuugucceggecuguG	20	1	Mm3
aauugcacuugucceggcAuguu	1	1	Mm3
aauugcacuGgucccggccuguu	1	1	Mm3
aauugcacuugucUcggccuguu	3	1	Mm3
aauugcacuugucceggccuguA	2392	1	Mm3
aauugcacuugucccAgccuguu	2	1	Mm3
aauugcaUuugucceggccuguu.	1	1	Mm3
.aauugcGcuugucccggccuguu.	5	1	Mm3
aauugcacuuguccAggccuguu	1	1	Mm3
aaAugcacuugucccggccuguu	1	1	Mm3
aaCugcacuugucceggccuguu	1	1	Mm3
aauugcacuugucAcggccuguu	1	1	Mm3
aauugcaAuugucccggccuguu	1	1	Mm3
aauugcacuugucceggccuCuu	5	1	Mm3
aGuugcacuugucceggccuguu	3	1	Mm3
aauugcacAugucccggccuguu	1	1	Mm3
aauugcacuugucccggGcuguu	17	1	Mm3
auuugeacuuguccegggeuguu	3	1	Mm3
aauugUacuugucccggccuguu	1	1	Mm3
aauugcacuuAucceggccuguu	8	1	Mm3
aauugcacuugucccggccugGu.	1	1	Mm3
aauugcacuuguccegCccuguu	9	1	Mm3
aauugcacuugucccggUcuguu	22	1	Mm3
aauugcacuugucceggccugCu	33	1	Mm3
aauugcacuugucceggAcuguu	41	1	Mm3
aauugcacuuCucceggccuguu	4	1	Mm3
aauugcaGuugucccggccuguu	1	1	Mm3
	8	1	Mm3
aauugcacuugucccgAccuguu	17	1	Mm3
aauugcacuugucccggccuUuu	2	1	Mm3
	•	_	

Star Mature			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuagaauugcacuugucccggccuguuugauuga			
aauugcacuCgucccggccuguu.	861	1	Mm3
aauugcacuugucccggccugAu.	1	1	Mm3
aauugcacuugucccggccuAuu	2	1	Mm3
Nauugcacuugucceggccuguu.	5	1	Mm3
aauugcacuugucccgAccuguuu	4	1	Mm.3
aauugcacuugucccggccuguuA	36	1	Mm3
aaGugcacuugucccggccuguuu	1	1	Mm3
aauugcacuugucccggAcuguuu	7	1	Mm3
aauugcacuugucccggccugAuu.	1	1	Mm.3
aauugcacuugucccggccuguuu	846	0	Mm3
.aauugcacuuguGccggccuguuu	1	1	Mm3
aauugcacuugucccggccuguuG	5	1	Mm3
aauugcacuugucccggccuguuC	1	1	Mm3
.aUuugcacuugucceggccuguuu	1	1	Mm3
aauugcacuugucccggGcuguuu	2	1	Mm3
	1		
aauugcacuugucccggccugCuu.		1	Mm3
aauugcacuugucAcggccuguuu	1	1	Mm3
aauugcacuuUucccggccuguuu	5	1	Mm3
aauugcacuugucccggUcuguuu	3	1	Mm3
aauugcacuugucccggccuguGu	2	1	Mm3
aauugcacuugucccggccuguAu	931	1	Mm3
aauugcacuuAucccggccuguuu.	1	1	Mm3
aaCugcacuugucccggccuguuu.	1	1	Mm3
aauugcacuugucccgCccuguuu	1	1	Mm3
aauugcacuCgucccggccuguuu	220	1	Mm3
aauugcacuugucccggccuguuuU	55	1	Mm.3
auuAcacuugucccggccu	1	1	Mm3
auugcacuugucceggccCg	1	1	Mm3
auugcacuugucceggecug	1	0	Mm3
		1	
.auugcacuugCeceggecugu.	1		Mm3
auugcacuuUucccggccuguauugcacuuUucccggccugu	3	1	Mm3
auugcaGuugucccggccugu	1	1	Mm3
.auugcacuCgucccggccugu.	19	1	Mm3
.auugcacuugucccggccugu.	102	0	Mm3
auugcacuugucccggccugC	1	1	Mm3
auugcacuugucceggccuUu	2	1	Mm3
.auugcacCugucccggccugu.	1	1	Mm3
auugcacuuUucccggccuguu	1	1	Mm3
auugcacuugucceggccuguu	14	0	Mm3
auugcacuugucceggccuguA.	17	1	Mm3
	2	1	Mm3
.auugcacuCgucccggccuguu			
auugcacuugucccggccuguAuauugcacuugucccggccuguAu	15	1	Mm3
auugcacuugucccggccuguuu	1	0	Mm3
uugcacuugucccggccug	2	0	Mm3
uugcacuugucccggccugu	2	0	Mm3
uugcacuugucccggccuguu	1	0	Mm3
ugcacuugucceggccug	1	0	Mm3
ugcacuuquccoggccuquu	1	0	Mm3
gcacuugucccggccugu	8	0	Mm3
gcacuugucccggccuguA	1	1	Mm.3
.gcacuugucccggccuguu	1	0	Mm3
acuugucceggccuguuu	1	0	Mm3
acuugucccggccuguAu	1	1	Mm3
aggcugugauAggugcaaaucu	1	1	Fm3
aggcugugaugggugcaaaucu.	6	0	Fm3
Caauugcacuugucccggccugu	1	1	Fm3
aauugcacuugucccggc	3	0	Fm3
aauugcacuugucccggcc	12	0	Fm3
aauugcacuugucccggcA	1	1	Fm3
aauugcacuugucccggccu	35	0	Fm3
aauugcacuuCucccggccu	1	1	Fm3
aauugcacuuAucccggccu.	1	1	Fm3
aauugcacuugucccggUcug	4	1	Fm3
aauugcacuugucccggcAug	1	1	Fm3
aauugcacuuguUccggccug	1	1	Fm3
aauugcacuuAucccggccug.	3	1	Fm3
.aauugGacuugucccggccug	1	1	Fm3
aauugcacuuUucccggccug.	1	1	Fm3
aauugcacuugucceggccuA	1	1	Fm3
aauugcacuuguceeggccus	-	•	cma

Scal Macc	T. C			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuagaauugca				
	cuugucccggccug	2	1	Fm3
aauugca	cuGgucccggccug	3	1	Fm3
aauugca	cuugucccgUccug	1	1	Fm3
aauugca	cuugucccggGcug	3	1	Fm3
	cuugucccggccug	2	1	Fm3
aauugca	cuugucccggccug	882	0	Fm3
aauugca	cuugucccggAcug	8	1	Fm3
aauugca	cuugucccgCccug	2	1	Fm3
aauugca	cuugucccgAccug	1	1	Fm3
aaCugca	cuugucccggccug	1	1	Fm3
	cuugucccggccugG	5	1	Fm3
	cuugucccggccugu	2	1	Fm3
	cuugucceggecugu	4	1	Fm3
		5	1	Fm3
	cuugucccggccugu	7		
	cuugucccggccugu		1	Fm3
	cCugucccggccugu	1	1	Fm3
aauugca	cuugucUcggccugu	12	1	Fm3
aauugca	cuugucGcggccugu	1	1	Fm3
aauugca	cuugucccUgccugu	2	1	Fm3
aauugca	cuAgucccggccugu	6	1	Fm3
aauGgca	cuugucccggccugu	1	1	Fm3
aUuugca	cuugucccggccugu	4	1	Fm3
aauugca	cuugAcccggccugu	2	1	Fm3
aGuugca	cuugucccggccugu	9	1	Fm3
aauugca	cuugucccgAccugu	45	1	Fm3
	cuuUucccggccugu	11	1	Fm3
	cuugucceggccugu	15412	0	Fm3
	cuugucceggccugu	3	1	Fm3
		2	1	Fm3
	cuugucccggccugu			
	cuCgucccggccugu	6275	1	Fm3
aauugca	cuugucccggGcugu	46	1	Fm3
aauugca	cuugucAcggccugu	7	1	Fm3
aauugca	Uuugucccggccugu	1	1	Fm3
aauugca	cuuguGccggccugu	3	1	Fm3
aauugca	cuugucccggUcugu	71	1	Fm3
aauugca	cuugucccgUccugu	40	1	Fm3
aauugca	cuugCcccggccugu	2	1	Fm3
aauuCca	cuugucccggccugu	1	1	Fm3
aauugca	cuuCucccggccugu	15	1	Fm3
aauugca	cuugucccggccugC	40	1	Fm3
aauugca	cuuguAccggccugu	5	1	Fm3
	cuugucccgCccugu	27	1	Fm3
	cuugucceggecugu	6	1	Fm3
			1	
aauugca		1	1	Fm3 Fm3
aauugca		58		
aauugAa		2	1	Fm3
aauugcG		11	1	Fm3
aauugca		22	1	Fm3
aauugcU		6	1	Fm3
aauugca		4	1	Fm3
aauugca	cuugucccggcAugu	2	1	Fm3
	cuugucccggccugu	3	1	Fm3
aCuugca	cuugucccggccugu	3	1	Fm3
aauAgca	cuugucccggccugu	4	1	Fm3
aauugNa	cuugucccggccugu	7	1	Fm3
aauugca	cuugucccggccuCu	1	1	Fm3
aauugca	cuuguccGggccugu	2	1	Fm3
aauugca		3	1	Fm3
aauugca		10	1	Fm3
aaGugcaaaGugca		3	1	Fm3
aauugca		1	1	Fm3
		4	1	Fm3
			1	
aauugca		1		Fm3
aauugc0		2	1	Fm3
aauuUca		5	1	Fm3
aauugca		2	1	Fm3
aauugca		133	1	Fm3
		29	1	Fm3
aauugca		31	1	Fm3
aauugca	cuugucccAgccugu	13	1	Fm3

Star Mature			
uuggaguuggacuuucacuuuugucauguugggcaggcugugaugggugcaaaucuguaucaucaauuag <mark>aauugcacuugucccggccuguu</mark> ugauugacugcaguucauc			
aauugcacuugucGcggccuguu.	1	1	Fm3
aauugcacuugucccggGcuguu.	3	1	Fm3
aauugcacuuAucccggccuguu.	3	1	Fm3
aauugcacuugucccgUccuguu.	3	1	Fm3
aauugcacuuguUccggccuguu	1	1	Fm3
aauugNacuugucccggccuguuaauugNacuugucccggccuguu	1	1	Fm3
	9	1	Fm3
aauugcacuugucccggAcuguu	5	1	Fm3
aauugcacuugucUcggccuguu.	3	1	Fm3
aauugcacuuguGccggccuguu.	1	1	Fm3
aauugcacuugucccggccuguA	912	1	Fm3
aauugcacuugucccgCccuguu.	1	1	Fm3
aauugcacuugucccggccuguu	1036	0	Fm3
aauuUcacuugucccggccuguu	1	1	Fm3
aauugcacuuCucccggccuguu	1	1	Fm3
aauugcacuugucccggccuguC	1	1	Fm3
aauugcacuugucccgAccuguu	1	1	Fm3
aauugcGcuugucccggccuguu.	1	1	Fm3
aauugcacuuguAccggccuguu	1	1	Fm3
Uauugcacuugucceggceuguu	2	1	Fm3
aauugcacuCgucccggccuguu.	266	1	Fm3
aGuugcacuugucccggccuguu	1	1	Fm3
aauugcacuuguccAggccuguuaauugcacuuguccAggccuguu	1	1	Fm3
aauugcacuugucccggccugCuaauugcacuugucccggccugCu	3	1	Fm3
aauugcacuugucccggccuguG	8	1	Fm3
aauugcacuAgucccggccuguu.	1	1	Fm3
aauugcacuuguccoggccuguuA.	4	1	Fm3
aauugcacuugucccggccuguuu	86	0	Fm3
	3		
aauugcacuuguccUggccuguuu		1	Fm3
aauugcacuugucccggccuguGu.	1	1	Fm3
aauugcacuugucccggccuguAu.	436	1	Fm3
aauugcacuugucccggAcuguuu	2	1	Fm3
aauugcacuugucccggccuguuC	2	1	Fm3
aauugcacuCgucccggccuguuu	45	1	Fm3
aauugcacuugucccggccuguuuU	3	1	Fm3
auugcacuugucccggccug	4	0	Fm3
auugcacuugucccggccCgu	1	1	Fm3
	1	1	Fm3
auugcacuugucccggcGugu	4	1	
auugcacuuUucccggccugu			Fm3
auugcacAugucccggccugu.	1	1	Fm3
.auugcacuCgucceggccugu	51	1	Fm3
auugcacuugucceggccugu	40	0	Fm3
.auugcacuugucccggccugC	1	1	Fm3
auugcacuCgucccggccuguu	2	1	Fm3
auugcacuugucceggccuguA	10	1	Fm3
auugcacuugucccggccuguu	8	0	Fm3
auugcacuugucccggAcuguu	1	1	Fm3
	1	1	Fm3
auugcacuCgucceggccuguuu			
auugcacuugucccggccuguuA	1	1	Fm3
auugcacuugucceggccuguAu	4	1	Fm3
uugcacuugucceggccugC	3	1	Fm3
uugcacuugucccggccugu	1	0	Fm3
uugcacuugucccggccuguu.	2	0	Fm3
ugcacuugucccggccugu	1	0	Fm3