



## Mature

	-3'	obs	
		exp	
	reads	mm	sample
ccucaauaggggaugggauuuuguuuuacgugauuuucgccguagagcacgauuuuaugauacucauauca <u>g</u> uaauaggaaucaugcucugcu <u>g</u> ugagaauucu <u>a</u> augagcu			
ccucaauaggggaugggauuuuguuuuacgugauuuucgccguagagcacgauuuuaugauacucauauca <u>g</u> uaauaggaaucaugcucugcu <u>g</u> ugagaauucu <u>a</u> augagcu			
(((. . . .)))(. . . . .)(((. . . . .)(((((((((((.( ((((((((((((((((((.( ((((((((((((((((((. . . .)))))).) . . . )))).)			
. . . . auaggggauAgauuuauugu . . . . .	2	1	s08
. . . . . uagagcacgauuuuaugauac . . . . .	2	0	s08
. . . . . uagagcacgauuuuaugauacu . . . . .	2	0	s08
. . . . . uagagcacgauuuuaugaCacuc . . . . .	1	1	s08
. . . . . uagagcacgauuuuaugauacuc . . . . .	7	0	s08
. . . . . uagagcacgauuGaugauacucau . . . . .	1	1	s08
. . . . . uagagcacgauuuuaugauacucau . . . . .	6	0	s08
. . . . . agcacgauuuuaugauacucU . . . . .	1	1	s08
. . . . . aguauuaggaaucaugcucugcu . . . . .	1	0	s08
. . . . . guauuaggaaucaugcucu . . . . .	1	0	s08
. . . . . guauuaggaaucaugcucugU . . . . .	1	1	s08
. . . . . guauuaggaaucaugcucugcC . . . . .	7	1	s08
. . . . . guauuaggaaucUugcucugcu . . . . .	1	1	s08
. . . . . guauuaggaaucaugcucugcu . . . . .	13	0	s08
. . . . . guauuaggaaucaugcucugcuU . . . . .	4	1	s08
. . . . . uuauaggaaucaugcucG . . . . .	1	1	s08
. . . . . uuauaggaaucaugcucugcu . . . . .	6	0	s08
. . . . . uuauaggaaucaugcucugcA . . . . .	1	1	s08
. . . . . auuaggaaucaugcucugcuAu . . . . .	1	1	s08
. . . . . uuaggaaucaugcucugcC . . . . .	1	1	s08
. . . . .			
. . . . . uagagcacgauuuuaugauacucUu . . . . .	2	1	s04
. . . . . auaucaguauuaggaaucaugcucugcu . . . . .	1	0	s04
. . . . . guauuaggaaucaugcucu . . . . .	3	0	s04
. . . . .			
. . . . . uagagcacgauuuuaugauaU . . . . .	2	1	s09
. . . . . uagagcacgauuuuaugauacuc . . . . .	6	0	s09
. . . . . uagagcacgauuuuaugauacucau . . . . .	5	0	s09
. . . . . Cagagcacgauuuuaugauacucau . . . . .	2	1	s09
. . . . . uagagcacgauuuuaugauacucaC . . . . .	1	1	s09
. . . . . agcacgauuGaugauacucau . . . . .	1	1	s09
. . . . . agcacgauuuuaugauacucaC . . . . .	2	1	s09
. . . . . agcacgauuuuaugauacucau . . . . .	3	0	s09

## Star

## Mature

ccucaauagggauggauuauuguuuuuacgugauuuuuccgcccguagagcacgauuuuugauacucauaucaaguauuaggaaucaugcucugcugugagaaucucaaugagcu			
.....gcacgauuuuugauacucau.....	1	0	s09
.....aguauuaggaaucaugcucugcu.....	1	0	s09
.....aguauuaggaaucaugcucugcC.....	1	1	s09
.....guauuaggaaucaugcucuc.....	1	0	s09
.....guauCaggaaucaugcucugcu.....	1	1	s09
.....guauuaggaaucaugcucugcC.....	3	1	s09
.....guauuaggaaucaugcucugcu.....	11	0	s09
.....guauuaggaaucaugcucugcA.....	3	1	s09
.....guauuaggaaucaugcucugcuC.....	1	1	s09
.....guauuaggaaucaugcucugcuU.....	1	1	s09
.....uauuaggaaucaugcucA.....	1	1	s09
.....uauuaggaaucaugcucug.....	2	0	s09
.....uauuaggaaucaugcucugcu.....	2	0	s09
.....uuaggaaucaugcucugcG.....	1	1	s09
.....auagggauAgauuauugu.....	1	1	s07
.....uagagcacgauuuuugauac.....	1	0	s07
.....uagagcacgauuuuugauaU.....	2	1	s07
.....uagagcacgauuuuugauacC.....	3	1	s07
.....uagagcacgauuuuugauacu.....	5	0	s07
.....uagagcacgauuuuugauGcuc.....	1	1	s07
.....uagagcacgauuuuugauacuc.....	24	0	s07
.....uagagcacgauuuuugauacuU.....	6	1	s07
.....uagagcacgauuuuugauacAc.....	1	1	s07
.....uagagcacgauuuuugauacuA.....	1	1	s07
.....uagagcacgauuuuugauacuG.....	1	1	s07
.....uagagcacgauuuuugauacuca.....	6	0	s07
.....uagagcacgauuuuugauacuGa.....	1	1	s07
.....uagagcacgauuuuugauacucaC.....	7	1	s07
.....uagagcacgauuuuugauacucau.....	41	0	s07
.....uagagcacgauuuuAgaucucau.....	1	1	s07
.....uagagcacgaCuuaugauacucau.....	1	1	s07
.....uagagcacgauuuuugauacucGu.....	2	1	s07
.....uagagcacgauuuuugauacucua.....	20	0	s07
.....uagagcacgauuuuugauacucauau.....	2	0	s07
.....uagagcacgauuuuugauacucauac.....	1	0	s07
.....agcacgauuuuugauacucU.....	1	1	s07
.....agcacgauuuuugauacucaC.....	1	1	s07
.....agcacgauuuuugauacucua.....	1	0	s07
.....gcacgauuuuugauacucau.....	5	0	s07
.....cacgauuuuugauacucau.....	4	0	s07
.....cacgauuuuugauacucua.....	1	0	s07
.....aguauuaggaaucaugAucugcu.....	1	1	s07
.....aguauuaggaaucaugcucugcu.....	18	0	s07
.....aguauuaggaaucaugcucugcG.....	1	1	s07
.....aguauuaggaaucaugcucugcC.....	4	1	s07
.....aguauuaggaaucaugUucugcu.....	1	1	s07
.....guauuaggaaucaugcucC.....	1	1	s07
.....guauuaggaaucaugcucuc.....	1	0	s07
.....guauuaggaaucaugcAcu.....	1	1	s07
.....guauuaggaaucaugcucA.....	1	1	s07
.....guauuaggaaucaugcCcugc.....	1	1	s07
.....guauuaggaaucaugcucugU.....	1	1	s07
.....guauuaggaaucaugcucugc.....	2	0	s07
.....guauuaggaaucaugcucugcG.....	4	1	s07
.....guauuaggaaUaugcucugcu.....	2	1	s07
.....guauuaggaaucGugcucugcu.....	1	1	s07
.....guauuaggaaucugcucugcu.....	1	1	s07
.....Auauuaggaaucaugcucugcu.....	2	1	s07
.....guauuaggaaucaugcucugcA.....	2	1	s07
.....guauuaggaaucAgcucugcu.....	1	1	s07
.....gCauuaggaaucaugcucugcu.....	1	1	s07
.....guauuaggaaucAgcucugcu.....	1	1	s07
.....guauuaggaaucaugcucugcC.....	28	1	s07
.....gGauuaggaaucaugcucugcu.....	1	1	s07
.....guauuaggaaucaugAucugcu.....	1	1	s07
.....guauuaggaaucaugcucugcu.....	130	0	s07
.....guauuaggaaucaugcucugcuU.....	1	1	s07
.....uauuaggaaucaugcucuc.....	43	0	s07
.....uauuaggaaucaugcucG.....	2	1	s07

## Star

## Mature

ccucaauagggauggauuauuguuuuuacgugauuuucgccg	uagagcacgauuuuugauacucau	aucauagauuuaggaaucaugcucugcug	gugagaaucucaaugagcu			
.....	.Cauuaggaaucaugcucu.....	1	1	s07		
.....	.uauuaggaaucaugcucA.....	4	1	s07		
.....	.uauuaggaaucaugcucu.....	1	1	s07		
.....	.uauuaggaaucGugcucu.....	3	1	s07		
.....	.uauuaggaaucaugcucC.....	2	1	s07		
.....	.uauuaggaaucaugcucug.....	2	0	s07		
.....	.uauuaggaaucaugcucua.....	5	1	s07		
.....	.uauuaggaaucaugcucuC.....	2	1	s07		
.....	.uauuaggaaucaugcucugcA.....	1	1	s07		
.....	.auuaggaaucaugcucuA.....	1	1	s07		
.....	.auuaggaaucaugcucugcu.....	1	0	s07		
.....	.auuaggaaucaugcucugcC.....	2	1	s07		
.....	.uuaggaaucaugcucugcu.....	1	0	s07		
.....	.gugagaaucucaaugagU.....	1	1	s07		
.....	.uagagcacgauuuuugauac.....	1	0	s06		
.....	.uagagcacgauuuuugauacu.....	6	0	s06		
.....	.uagagcacgauuuuugauacuU.....	1	1	s06		
.....	.uagagcacgauuuuugauacuc.....	2	0	s06		
.....	.uagagcacgauuuuugauacuU.....	2	1	s06		
.....	.uagagcacgGuuuuugauacuca.....	2	1	s06		
.....	.uagagcacgauuuuugGuacucau.....	2	1	s06		
.....	.uaUagcacgauuuuugauacucau.....	1	1	s06		
.....	.uagagcGcgauuuuugauacucau.....	1	1	s06		
.....	.uagagcacgauuuuugauacucaC.....	5	1	s06		
.....	.uagagcacgauuGaugauacucau.....	1	1	s06		
.....	.uagagcacgauuuuugauacuca.....	13	0	s06		
.....	.uagagcacgauuuuugauacucaua.....	2	0	s06		
.....	.uagagcacgauuuuugauacucauau.....	1	0	s06		
.....	.uagagcacgauuuuugauacucaGau.....	1	1	s06		
.....	.Aagagcacgauuuuugauacucauau.....	1	1	s06		
.....	.uagagcacgauuuuugauacucauuc.....	2	0	s06		
.....	.uagagcacgauuuuugauacucauauca.....	1	0	s06		
.....	.uagagcacgauuuuugauacucauaucaAu.....	1	1	s06		
.....	.agcacgauuuuugauacucU.....	1	1	s06		
.....	.auaucaguauuaggaaucaugcucugcu.....	1	0	s06		
.....	.aguauuaggaaucaugcucugcu.....	1	0	s06		
.....	.guauuaggaaucaugcucugc.....	1	0	s06		
.....	.guauuaggaaucaugcucugU.....	1	1	s06		
.....	.guauuaggaaucaugcucugc.....	1	1	s06		
.....	.guauuaggaaucaugcGcugcu.....	1	1	s06		
.....	.guauuaggaaucaugcucugcC.....	2	1	s06		
.....	.guauuaggaaucaugcucugcu.....	17	0	s06		
.....	.guauuaggaaucGugcucugcu.....	1	1	s06		
.....	.guauuaggaaucaugcucugcuA.....	3	1	s06		
.....	.guauuaggaaucaugcucugcuU.....	2	1	s06		
.....	.uauuaggaaucaugcucC.....	2	1	s06		
.....	.uauuaggaaucaugcucu.....	3	0	s06		
.....	.uauuaggaaucaugcucG.....	1	1	s06		
.....	.uagagcacgauuuuugauacu.....	1	0	s03		
.....	.uagagcacgauuuuugauacuc.....	4	0	s03		
.....	.uagagcacgauuuuugauacuca.....	3	0	s03		
.....	.uagagcacgauuuuugauacucau.....	4	0	s03		
.....	.uagagcacgauuuuugauacucaua.....	3	0	s03		
.....	.uagagcacgauuuuugauacucauauA.....	1	1	s03		
.....	.uagagcacgauuuuugauacucauauca.....	1	0	s03		
.....	.agcacgauuuuugauacucU.....	1	1	s03		
.....	.aguauuaggaaucaugcucugcu.....	2	0	s03		
.....	.aguauuaggaaucaugcucugcC.....	1	1	s03		
.....	.guauuaggaaucaugcucugcG.....	1	1	s03		
.....	.guauuaggaaucaugcucugcA.....	1	1	s03		
.....	.guauuaggaaucaugcucugcu.....	17	0	s03		
.....	.uauuaggaaucaugcucuA.....	2	1	s03		
.....	.uauuaggaaucaugcucug.....	1	0	s03		
.....	.uauuaggaaucaugcucugcu.....	1	0	s03		
.....	.auuaggaaucaugcucugcA.....	1	1	s03		
.....	.auagggauAgaauuauugu.....	2	1	s15		
.....	.uagagcacgauuuuugauac.....	1	0	s15		

## Star

## Mature

ccucaauagggauggauuauuguuuuuacgugauuuucgccguagagcacgauuuuugauacucauaucaaguauuaggaaucaugcucugcugugagaaucucaaugagcu			
.....uagagcacgauuuuugauacucau.....	3	0	s15
.....auaucaguauuaggaaucaugcucugcu.....	1	0	s15
.....guauuaggaaucaugcucugcu.....	5	0	s15
.....guauuaggaaucaugcucugcA.....	2	1	s15
.....uGuuaggaaucaugcucugcu.....	1	1	s15
.....uagagcacgauuuuugauacu.....	1	0	s16
.....uagagcacgauuuuugauacAC.....	2	1	s16
.....uagagcacgauuuuugauacuc.....	3	0	s16
.....uagagcacgauuuuugauacucaC.....	3	1	s16
.....uagagcacgauuuuugauacucau.....	5	0	s16
.....uagagcacgauuCaugauacucauau.....	1	1	s16
.....uagagcacgauuuuugauacucauauU.....	1	1	s16
.....uagagcacgauuuuugauacucauauU.....	1	1	s16
.....agagcacgauuuuugauacucaC.....	1	1	s16
.....guauuaggaaucaugcucugcu.....	5	0	s16
.....guauuaggaaucaugcucugcC.....	1	1	s16
.....uauuaggaaucaugcucug.....	1	0	s16
.....auagggaUAgauuauugu.....	1	1	s19
.....uagagcacgauuuuugau.....	1	0	s19
.....uagagcacgauuuuugauac.....	2	0	s19
.....uagagcacgauuuuugauacu.....	10	0	s19
.....uagagcacgauuuuugauacC.....	2	1	s19
.....uagagcacgauuuuugauacuU.....	2	1	s19
.....uagagcacgauuuuugGuacuc.....	1	1	s19
.....uagagcacgauuuuugauacuA.....	1	1	s19
.....uagagcacgauuuuugauacuc.....	9	0	s19
.....uagGgcacgauuuuugauacuc.....	1	1	s19
.....uagagcacgauuuUugauacuc.....	1	1	s19
.....uagagcacgauuuGugauacucau.....	1	1	s19
.....uagagcacgauuuuugauacucaC.....	10	1	s19
.....uagagcacgauuuuugauacucau.....	11	0	s19
.....uagagcacgauuuuugauacucaua.....	3	0	s19
.....uagagcacgauuuuugauacucauauca.....	2	0	s19
.....uagagcacgauuuuugauacucauaucaAu.....	1	1	s19
.....gcacgauuuuugauacucau.....	2	0	s19
.....uaucaguauuaggaaucaugcucugcu.....	1	0	s19
.....guauuaggaaucaugcucu.....	4	0	s19
.....guauuaggaaucaugcucug.....	1	0	s19
.....guauuaggaaucaugcucuA.....	1	1	s19
.....guauuaggaaucaugcucugc.....	1	0	s19
.....guauuaggaaucaugcucugUu.....	1	1	s19
.....guauuaggaaucGugcucugcu.....	2	1	s19
.....guauuaggaaucaugcucugAu.....	1	1	s19
.....Uuauuaggaaucaugcucugcu.....	2	1	s19
.....guauuaggaaucACgucucugcu.....	1	1	s19
.....guGuuaggaaucaugcucugcu.....	1	1	s19
.....guauuaggaaucaugcucugcC.....	9	1	s19
.....guauuaggaaucaugcGcugcu.....	1	1	s19
.....guauuaggaaucaugcucugcu.....	29	0	s19
.....guauuaggaaucaugcucugcuA.....	2	1	s19
.....uauuaggaaucaugcucC.....	1	1	s19
.....uauuaggaaucaugcucu.....	8	0	s19
.....Cauuaggaaucaugcucugcu.....	2	1	s19
.....uauuaggaaucaugcucugcA.....	1	1	s19
.....uauuaggaaucaugcucugcu.....	11	0	s19
.....uauuaggaaucGugcucugcu.....	1	1	s19
.....auuaggaaucaugcucugcu.....	1	0	s19
.....Guaggaaucaugcucugcu.....	1	1	s19
.....uuaggaaucGugcucugcu.....	2	1	s19
.....uuaggaaucaugcucugcu.....	7	0	s19
.....uagagcacgauuuuugauac.....	2	0	s14
.....uagagcacgauuuuugauacu.....	1	0	s14
.....uagagcacgauuuuugauacuc.....	1	0	s14
.....uagagcacgauuuuugauacucau.....	1	0	s14
.....uagagcacgauuuuugauacucauau.....	1	0	s14
.....uagagcCcgauuuuugauacucauauC.....	1	1	s14
.....guauuaggaaucaugcucugcu.....	7	0	s14

## Star

## Mature

ccucaauagggauggauuauuguuuuuacgugauuuucgccg	uagagcacgauuuuugauacucau	aucaguuuagggaaucaugcucugc	gugagaaucucaaugagcu			
.....guauuagggaaucaugcucugcC.....	4	1	s14			
.....uauuagggaaucaugcucugA.....	1	1	s14			
.....uauuagggaaucaugcucugcu.....	3	0	s14			
.....uuagggaaucaugcucugcu.....	1	0	s14			
.....auagggauAgaauauugu.....	1	1	s12			
.....uagGgcacgauuuuugau.....	1	1	s12			
.....uagagcacgauuuuugau.....	1	0	s12			
.....uagagcacgauuuuugauaU.....	1	1	s12			
.....uagagcacgauuuuugauacu.....	6	0	s12			
.....uagagcacgauuuuugauacC.....	5	1	s12			
.....uagagcacgauuuuugauacuc.....	28	0	s12			
.....Aagagcacgauuuuugauacuc.....	2	1	s12			
.....uagagcacgauuuuugauacuU.....	8	1	s12			
.....uagagcacgauuuuugauacucC.....	1	1	s12			
.....uagagcaGgauuuuugauacucau.....	1	1	s12			
.....uagagcacgUuuuugauacucau.....	1	1	s12			
.....uagagcacgauuuuugauacucaC.....	7	1	s12			
.....uagagcacgauuuuugauacuGau.....	1	1	s12			
.....uagagcacgauuuuugauacucau.....	27	0	s12			
.....uagagcacgauuuuugauacucaua.....	1	0	s12			
.....uagagcacgauuuuugauacucauC.....	1	1	s12			
.....uagagcacgauuuuugauacucauau.....	1	0	s12			
.....uagagcacgauuuuugauacucauauC.....	2	0	s12			
.....gcacgauuuuugauacucau.....	1	0	s12			
.....aguauuagggaaucaugcucuc.....	1	0	s12			
.....aguauuagggaaucaugcucugcC.....	1	1	s12			
.....aguauuagggaaucaugcucugcu.....	3	0	s12			
.....guauuagggaaucaugcucugc.....	1	0	s12			
.....guauuagggaaucaugcucugcC.....	6	1	s12			
.....guauuagggaaucaugcucugcu.....	43	0	s12			
.....guUuuagggaaucaugcucugcu.....	1	1	s12			
.....guauuagggaaucaugcucugcA.....	2	1	s12			
.....guauuagggaaucaugcucGgc.....	1	1	s12			
.....guauuagggaaucaugcucugcuA.....	1	1	s12			
.....guauuagggaaucaugcucugcuU.....	2	1	s12			
.....uauuagggaaucaugcucuc.....	7	0	s12			
.....uauuagggaaucaugcucug.....	2	0	s12			
.....uaAuaagggaaucaugcucugcu.....	1	1	s12			
.....auuagggaaucaugcucug.....	2	0	s12			
.....uagggaaucaugcucugcuU.....	1	1	s12			
.....auagggauAgaauauugu.....	1	1	s13			
.....uagagcacgauuuuugau.....	1	0	s13			
.....uagagcacgauuuuugaua.....	1	0	s13			
.....uagagcacgauuuuugauaU.....	1	1	s13			
.....uagagcacgauuuuugauacC.....	3	1	s13			
.....uagagcacgauuuuugauacu.....	20	0	s13			
.....uagagcacgauuuuugauacuc.....	15	0	s13			
.....uagagcacgauuuuugauacucU.....	1	1	s13			
.....uagagcacgauuuuugauacucau.....	30	0	s13			
.....uagagcacgauuuGugauacucau.....	1	1	s13			
.....uagagcacgauuuuugauacucGu.....	1	1	s13			
.....uagagcacgauuuuugauacucaC.....	2	1	s13			
.....uagagcacgauuuuugauacucaua.....	1	0	s13			
.....Gagagcacgauuuuugauacucauau.....	1	1	s13			
.....uagagcacgauuuuugauacucauaC.....	2	1	s13			
.....uagagcacgauuuuugauacucauauC.....	2	0	s13			
.....uagagcacgauuuuugauacucauauca.....	1	0	s13			
.....auaucaguauuagggaaucaugcucugcC.....	1	1	s13			
.....uagagcacgauuuuugauacu.....	1	0	s01			
.....uagagcacgauuuuugauacA.....	1	1	s01			
.....uagagcacgauuuuugauacuc.....	1	0	s01			
.....uagagcacgauuuuugauacucU.....	1	1	s01			
.....uagagcacgauuuuugauacucau.....	5	0	s01			
.....uagagcacgauuuuugauacucauau.....	2	0	s01			
.....aguauuagggaaucaugcucugcC.....	1	1	s01			
.....guauuagggaaucaugcucugcu.....	2	0	s01			
.....uauuagggaaucaugcucuA.....	5	1	s01			

## Star

## Mature

ccucaauagggauggauuauuguuuuuacgugauuuucgccguagagcacgauuuuugauacucauaucaaguauuaggaaucaugcucugcugugagaaucucaaugagcu

.....uagagcacgauuuuugauacu.....	3	0	s17
.....uagagcacgauuuuugauacuc.....	1	0	s17
.....uagaUcacgauuuuugauacuc.....	1	1	s17
.....uagagcacgauuuuugauacucau.....	8	0	s17
.....uagagcacgauuuuugauacucauau.....	1	0	s17
.....gcacgauuuuugauacCc.....	1	1	s17
.....auaucaguauuaggaaucaugcucugcu.....	1	0	s17
.....guauuaggaaucaugcucugc.....	1	0	s17
.....guauuaggaaucaugcucugcu.....	12	0	s17
.....guauuaggaaucaugcucugcA.....	1	1	s17
.....guauuaUgaucaugcucugcu.....	1	1	s17
.....uuuaggaaucaugcucugcu.....	1	0	s17
.....uuuaggaaucaugcucugcA.....	1	1	s17
.....uagagcacgauuuuugauaU.....	1	1	s10
.....uagagcacgauuuuugauac.....	1	0	s10
.....uagagcacgauuuuugauacu.....	2	0	s10
.....uagagcacgauuuuugauaUu.....	2	1	s10
.....uagagcacgauuuuugauacuc.....	27	0	s10
.....uagagcacgauuuuugauacCc.....	2	1	s10
.....uagagcacgauuuuugauacuU.....	2	1	s10
.....uagagcacgauuuuugauacuca.....	3	0	s10
.....Cagagcacgauuuuugauacucau.....	1	1	s10
.....uagagcacgauuuuugauacucau.....	23	0	s10
.....uagagcacgauuuuugauacucaC.....	4	1	s10
.....uagagcacgauuuuugauacAcau.....	1	1	s10
.....uagagcacgauuuGugauacucau.....	1	1	s10
.....uagagcacgauuuuugauacucaua.....	2	0	s10
.....uagagcacgauuuuugauacucauau.....	3	0	s10
.....uagagcacgauuuuugauacucauC.....	1	1	s10
.....uagGgcacgauuuuugauacucauac.....	2	1	s10
.....uagagcacgauuuuugauacucauauU.....	1	1	s10
.....agcacgauuuuugauacucau.....	1	0	s10
.....acucauaucauguauuaggaaucaugcucug.....	1	0	s10
.....aguauuaggaaucaugcucugcu.....	1	0	s10
.....aguauuaggaaucaugcucugcC.....	1	1	s10
.....guauuaggaaucaugcucugc.....	8	0	s10
.....guauuaggaaucaugcucugcu.....	48	0	s10
.....guauuaggaaucaugcucugcG.....	4	1	s10
.....guauuaggaaucaugcucugcA.....	2	1	s10
.....guauCaggaaucaugcucugcu.....	1	1	s10
.....guauGaggaaucaugcucugcu.....	1	1	s10
.....guauuaggaaucAGgcucugcu.....	1	1	s10
.....guauuaggaaucaugcucugcC.....	3	1	s10
.....guauuaggaaucaugcucugAu.....	2	1	s10
.....guauuaggaaucaugcucugcuA.....	1	1	s10
.....guauuaggaaucaugcucugcuAu.....	2	1	s10
.....uuuaggaaucaugcucA.....	1	1	s10
.....uuuaggaaucaugcucu.....	4	0	s10
.....uuuaggaaucaugcucuC.....	1	1	s10
.....uuuaggaaucaugcucug.....	7	0	s10
.....uuuaggaaucaugcucugcA.....	2	1	s10
.....uuuaggaaucaugcucugcC.....	2	1	s10
.....uuuaggaaucaugcucugcu.....	6	0	s10
.....uuuaggaaucAUcucugcu.....	1	1	s10
.....uuuaggaaucaugcucugcuU.....	1	1	s10
.....uuuaggaaucaugcucugcuA.....	1	1	s10
.....uagagcacgauuuuugauacu.....	1	0	s11
.....uagagcacgauuuuugauacuU.....	1	1	s11
.....uagagcacgauuuuugauacucau.....	1	0	s11
.....agcacgauuuuugauacucaua.....	2	0	s11
.....aucaguauuaggaaucaugcucugcu.....	1	0	s11
.....aguauuaggaaucaugcucugcC.....	1	1	s11
.....guauuaggaaucaugcucugcC.....	4	1	s11
.....guauuaggaaucaugcucugcu.....	9	0	s11
.....guauuaggaaucaugcucugcG.....	3	1	s11
.....uuuaggaaucaugcucugcu.....	1	0	s11
....auagggauAgaauauugu.....	1	1	s02

## Star

## Mature

ccucaauagggauggauuauuguuuuuacgugauuuuucgccg	uagagcacgauuuuugauacucau	aucaguuuagggaucaugcucugcu	gugagaaucucaaugagcu			
uuuuuacgugauuuuucgccg				1	0	s02
uuuuacgugauuuuucgccg				1	0	s02
uagagcacgauuuuugaC				1	1	s02
uagagcacgauuuuugau				3	0	s02
uagagcacgauuuuugaua				1	0	s02
uagagcacgauuuuugauaU				5	1	s02
uagagcacgauuuuugauac				3	0	s02
uagagcacgauuuuauUauacu				1	1	s02
uagagcacgGuuuuugauacu				1	1	s02
Cagagcacgauuuuugauacu				1	1	s02
uagagcacgauuuuugauUcu				1	1	s02
uagagcacgauuuuugauGacu				1	1	s02
uagagcacgauuuuugauGcu				1	1	s02
Aagagcacgauuuuugauacu				1	1	s02
uagagcCcgauuuugauacu				1	1	s02
uagagcacgauuuuugauacC				6	1	s02
uagagcacgauuuuugauacu				79	0	s02
uagagcacgauuuuugauacA				1	1	s02
uagagcGcgauuuugauacu				2	1	s02
uagagcacgauuuuugauacu				112	0	s02
uagagcacgauuuuugGuacuc				2	1	s02
uagagcacgauuuuugauacAC				1	1	s02
uagagcacgaAuuuuugauacu				1	1	s02
uagagcacgauuuuAgaucuc				1	1	s02
uagagcacgGuuuuugauacu				1	1	s02
uagagcacgauuuuugauacuU				23	1	s02
uagagcacgauuuuugauacuA				3	1	s02
uagagcacgauuuuAgaucuc				1	1	s02
uagagcacgaAuuuuugauacu				1	1	s02
uagagcacgauuuuugauacuca				13	0	s02
uagagcacgauuuuugauGcuca				1	1	s02
uagagcacgauuuuugauacuG				1	1	s02
uagagcacgauuuuugauacAca				1	1	s02
Aagagcacgauuuuugauacuca				1	1	s02
uagagcacgauuuuugauacuU				3	1	s02
uagagcacgauuuuugauacucaG				3	1	s02
uagagcacgauuuuugCuacucau				1	1	s02
uagagcacgauuuuugauacuGu				3	1	s02
uagagcacgauuuuugauacAcau				1	1	s02
uagagcacgauuuuugauacuUu				2	1	s02
uagagGacgauuuuugauacucau				1	1	s02
Aagagcacgauuuuugauacucau				1	1	s02
uagagcacgauuuuugauacucaC				35	1	s02
uagagcacgauuuGugauacucau				1	1	s02
uagGcacgauuuuugauacucau				1	1	s02
uagagcacgauCuaugauacucau				1	1	s02
uagagcacgauuuuugauacucau				217	0	s02
uagagcacgauuuuugauacucaA				7	1	s02
uagagcacgauuuuugauacCcau				1	1	s02
uagagcGcgauuuuugauacucau				1	1	s02
uagagcacgauuuuugauacucaua				7	0	s02
uagagcacgauuuuugauacucauU				1	1	s02
uagagcacgauuuuugauacucauau				19	0	s02
uagagcacgauuuuugauacucauGu				2	1	s02
uagagcacgauuuuugauacuGuau				2	1	s02
uagagcacgauuuuugauacucauau				5	0	s02
uagagcacgauuuuugauacucauauU				2	1	s02
uagagcacgauuuuugGuacucauau				1	1	s02
uagagcacgauuuuugauacucauauU				4	1	s02
uagagcacgauuuuugauacucauauca				7	0	s02
agcacgauuuuugauacuU				1	1	s02
agcacgauuuuugauacuca				3	0	s02
agcacgauuuuugauacucau				3	0	s02
gcacgauuuuugauacucau				9	0	s02
gcacgauuuuugauacucaC				1	1	s02
cacgauuuuugauacucau				1	0	s02
acgauuuuugauacucaCau				1	1	s02
auaucaguauuGggaucaugcucugcu				1	1	s02
auaucaguauuagggaucaugcucugcu				5	0	s02
aguauuagggaucaugcucuc				1	0	s02

## Star

## Mature

ccucaauagggauggauuauuguuuuuacgugauuuucgccguagagcacgauuuuugauacucauaucaaguuuaggaaucaugcucugcugugagaaucucaaugagcu			
.....aguauuaggaaucaugcucugcC.....	2	1	s02
.....aguauuaggaaucaugcucugcu.....	33	0	s02
.....aguauuaggaaucaugcucugcA.....	1	1	s02
.....aguauuaggaaucaugcucugAu.....	2	1	s02
.....guauuaggaaucaugcucA.....	2	1	s02
.....guauuaggaaucaugcucC.....	2	1	s02
.....guauuaggaaucaugcucU.....	1	0	s02
.....guauuaggaaucaugcucug.....	1	0	s02
.....guauuaggaaucaugcucugU.....	19	1	s02
.....guauuGggaucaugcucugc.....	1	1	s02
.....guauuagAaaucaugcucugc.....	1	1	s02
.....guauuaggaaucaugcucugc.....	39	0	s02
.....Cuauuaggaaucaugcucugcu.....	1	1	s02
.....guauuaggaaucaugUucugcu.....	1	1	s02
.....guauuaggaaucGugcucugcu.....	4	1	s02
.....Auauuaggaaucaugcucugcu.....	1	1	s02
.....guauuaggAGucaugcucugcu.....	2	1	s02
.....guauuagAaaucaugcucugcu.....	1	1	s02
.....guauuaggaaucaugcucCgcu.....	3	1	s02
.....guauuaggaaucaugcCucugcu.....	3	1	s02
.....guauuaggaaucaugcucAgcu.....	1	1	s02
.....guauuaggaaucaugcucugcu.....	343	0	s02
.....guauuaggaaucCuucugcu.....	1	1	s02
.....guauuaggaaucaugcucUAcu.....	1	1	s02
.....guauuaggaaucaugcucugcC.....	58	1	s02
.....guauuaggaaCcaugcucugcu.....	3	1	s02
.....guauuaggaaucaugcucugcA.....	22	1	s02
.....guGuuaggaaucaugcucugcu.....	2	1	s02
.....guauuaggUaucaugcucugcu.....	1	1	s02
.....guauuaggaaucaugcucugcG.....	6	1	s02
.....guauuaggaaucaugcucugUu.....	2	1	s02
.....guauuaggaaucaugcucugcuU.....	6	1	s02
.....guauuaggaaucaugcucugcug.....	1	0	s02
.....guauuaggaaucaugcucugcuA.....	8	1	s02
.....uauuaggaaucaugcucA.....	8	1	s02
.....uauuaggaaucaugcucU.....	5	0	s02
.....uauuaggaaucaugcucC.....	1	1	s02
.....uauuaggaaucaugcucUa.....	2	1	s02
.....uauuaggaaucaugcucugcA.....	6	1	s02
.....uauuaggaaucaugcucugcG.....	1	1	s02
.....uauuaggaaucaugcucUcu.....	2	1	s02
.....uauuaggaaucaugcucugcC.....	10	1	s02
.....uauuaggaaUaugcucugcu.....	1	1	s02
.....uauuCggaucaugcucugcu.....	1	1	s02
.....Aauuaggaaucaugcucugcu.....	2	1	s02
.....uauuaggaaucaugcucugcu.....	35	0	s02
.....uauuaggaaucaugcucugcuA.....	1	1	s02
.....auuaggaaucaugcGcugcu.....	1	1	s02
.....auuaggaaucaugcucugcu.....	6	0	s02
.....auuaggaaucaugcucugcC.....	2	1	s02
.....uuaggaaucaugcucugcA.....	1	1	s02
.....uuaggaaucaugcucugcC.....	2	1	s02
.....uuaggaaucaugcucugcu.....	8	0	s02
.....uuaggaaucaugGucugcu.....	1	1	s02
.....uuaggaaucaugcucugcuA.....	1	1	s02
.....gugagaaucucaaugagcu	4	0	s02
.....uagagcacgauuuuugauacuc.....	3	0	s05
.....uagagcacgauuuuugauacuU.....	1	1	s05
.....uagagcacgaAuuuugauacuc.....	1	1	s05
.....uagagcacgauuuuugauacuca.....	1	0	s05
.....uagagcacgauuuuugauacucau.....	13	0	s05
.....uagagcacgauuuuugauacucGu.....	1	1	s05
.....Cagagcacgauuuuugauacucau.....	2	1	s05
.....uagagcacgauuuuugauacucaC.....	2	1	s05
.....uagagcacgauuuuugauacucaua.....	2	0	s05
.....uagagcacgGuuuuugauacucaua.....	2	1	s05
.....uagagcacgauuuuugauacucauau.....	4	0	s05
.....uagagcacgauuuuugauacucauauU.....	4	1	s05
.....aguauuaggaaucaugcucA.....	1	1	s05



## Mature

ccuccaa <u>uaggggaugg</u> gauuauuuguuuuuacgugauuuuucgccc <u>guagagc</u> acgcauuuu <u>augauac</u> cauau <u>cag</u> ua <u>uuagg</u> aa <u>u</u> caugcucugcugugagagaau <u>c</u> caaugagcu			
.....agua <u>uuagg</u> aa <u>u</u> caugcucugcu.....	9	0	s05
.....aguaCuagga <u>au</u> caugcucugcu.....	1	1	s05
.....guauuaggaa <u>u</u> caugcuc <u>u</u> .....	1	0	s05
.....guauuaggaa <u>u</u> caugcucugcC.....	9	1	s05
.....guauuaggaa <u>u</u> caugcucugcu.....	54	0	s05
.....guauuaggaa <u>u</u> caugcGcugcu.....	2	1	s05
.....guauuaggac <u>u</u> caugcucugcu.....	1	1	s05
.....guauuaggaa <u>u</u> caugcucugcG.....	3	1	s05
.....guauuaggaa <u>u</u> caCgcucugcu.....	1	1	s05
.....guauuaggaa <u>u</u> caugcucugcA.....	2	1	s05
.....guauuaggaa <u>u</u> cGugcucugcu.....	2	1	s05
.....guauuaggaa <u>u</u> caugcuAugcu.....	1	1	s05
.....guauuaggaa <u>u</u> caugcucugcug.....	2	0	s05
.....guauuaggaa <u>u</u> caugcucugcuU.....	2	1	s05
.....guauuaggaa <u>u</u> caugcucugcuC.....	3	1	s05
.....guauuaggaa <u>u</u> caugcucugcuA.....	3	1	s05
.....uauuaggaa <u>u</u> caugcuc <u>u</u> .....	1	0	s05
.....uauuaggaa <u>u</u> caugcucug.....	1	0	s05
.....auaggga <u>u</u> Aga <u>u</u> uuuug <u>u</u> .....	1	1	s18
.....uagagcGcgauuu <u>u</u> augauacuc.....	2	1	s18
.....uagagcacgauuu <u>u</u> augauacuc.....	6	0	s18
.....uagagcacgauuu <u>u</u> augauacuca.....	1	0	s18
.....uagagcacgauuu <u>u</u> augauacucau.....	2	0	s18
.....uagagcacgauuu <u>u</u> augauacucGu.....	1	1	s18
.....guauuaggaa <u>u</u> caugcucugcu.....	2	0	s18
.....guauuaggaa <u>u</u> caugcucugcC.....	1	1	s18
.....guauuagAa <u>u</u> caugcucugcu.....	1	1	s18
.....guauuaggaa <u>u</u> caugcuUugcu.....	1	1	s18
.....auuaggaa <u>u</u> caugcucugcu.....	2	0	s18