



5' -	3'	obs	
		exp	
	reads	mm	sample
uugucaguuugua <u>uuuuuucucguauuacacacucgc</u> cu <u>aaaggc</u> ucgugugua <u>uacccgagaaaa</u> uacaagauagacucguggggauuuccauaguauaccacucgaaagc			
uugucaguuugua <u>uuuuuucucguauuacacacucgc</u> cu <u>aaaggc</u> ucgugugua <u>uacccgagaaaa</u> uacaagauagacucguggggauuuccauaguauaccacucgaaagc			
..(((..((( (((((((((( ((.(((((((((((..(((...)))..))) )))))))..))))) )..)))))..(((..((( ((((((((((..)))..)))..)))..)))..)))..			
.....uauuuuucucguauuacacacu.....	1	0	s05
.....uauuuuucucguauuacacacA.....	2	1	s05
.....uauuuuucucguauuacacacucA.....	1	1	s05
.....uauuuuucucguauuacacacucg.....	1	0	s05
.....uauCuucucugua <u>uacacacucgc</u> .....	1	1	s05
.....uauuuuucucguauuacacacucgU.....	1	1	s05
.....uuuuuucucguauuacacacucgc.....	6	0	s05
.....uuuuuucucguauuacacacucUc.....	1	1	s05
.....uuuuuucucguauuacacacucgcA.....	2	1	s05
.....uucucugua <u>uacacacuc</u> .....	1	0	s05
.....uucucugua <u>uacacacucgc</u> A.....	1	1	s05
.....uuuuuucucguauuacacacucgc.....	1	0	s18
.....uuuuuucucguauuacacacucgcA.....	1	1	s18
.....cacacucgc <u>cu</u> aaaggcucg.....	1	0	s18
.....uuuuuucucguauuacacacucgc.....	1	0	s11
.....uuuuuucucguauuacacacucgcA.....	1	1	s11
.....cacucgc <u>cu</u> aaaggcucgugugua <u>uaccga</u> .....	1	0	s11
.....uauuuuucucguauuacacacA.....	1	1	s02
.....uauuuuucucguauuacacacu.....	4	0	s02
.....uauuuuucucguauuacacacuc.....	7	0	s02
.....uauuuuucucguauuacacacucA.....	14	1	s02
.....uauuuuucucguauuacacacucg.....	17	0	s02
.....uauuuuucucguauuacacacucU.....	1	1	s02
.....uauuuucGucguauuacacacucg.....	1	1	s02
.....uauuuuucucguauuacacacucgc.....	4	0	s02
.....uauuuuucucguauuacacacucgU.....	2	1	s02
.....uauuuuucucguauuacacacucgcA.....	2	1	s02
.....uauuuuucucguauuacacacucgcA.....	1	1	s02
.....auuuuucucguauuacacacucgU.....	1	1	s02
.....auuuuucucguauuacacacucgc.....	1	0	s02

## Mature

## Star

uugucaguguaauuuuucucguauacacacucgcuaaaggcucguguguaauaccgagaaaaaucaagauagacucgugggauauuccauaguauaccacucgaaagc

.....auuuucucguauacacacucgcA.....	1	1	s02
.....uuuuucucguauacacacC.....	2	1	s02
.....uuuuucucguauacacacu.....	24	0	s02
.....uuuuucucguauacacacA.....	1	1	s02
.....uuuuucucguauacacacuc.....	8	0	s02
.....uuCucucucguauacacacucg.....	1	1	s02
.....uuuuucucguauacacacucC.....	1	1	s02
.....uuuuucucguauacacacucA.....	50	1	s02
.....uuuuucucguauacacacucg.....	61	0	s02
.....uuuuucucguauacacacucU.....	3	1	s02
.....uuuuucucguauacacacucgA.....	6	1	s02
.....uuuuucucguauacacCgcucgc.....	1	1	s02
.....uuuuucucguauacacacucAc.....	1	1	s02
.....uuuuucucguauacacacucgc.....	180	0	s02
.....uuuuucucguauacacacCgc.....	1	1	s02
.....uuuuucucguauacacacucgG.....	2	1	s02
.....uuuuucucguauacacacucgc.....	1	1	s02
.....uuuuucucguauacacacAcgc.....	1	1	s02
.....uuuuucucguauacacacucgcc.....	2	0	s02
.....uuuuucucguauacacacucgcG.....	12	1	s02
.....uuuuucucguauacacacucgcA.....	198	1	s02
.....uuuuucucguauacacacucgcAu.....	5	1	s02
.....uuuuucucguauacacacucg.....	2	0	s02
.....uuucucucguauacacacucU.....	1	1	s02
.....uuucucucguauacacacucgc.....	1	0	s02
.....uuucucucguauacacacucgcc.....	1	0	s02
.....uuucucucguauacacacucgcA.....	1	1	s02
.....uuucucucguauacacacucgc.....	2	0	s02
.....uuucucucguauacacacucg.....	2	0	s02
.....uuucucucguauacacacucA.....	2	1	s02
.....uuucucucguauacacacucgc.....	3	0	s02
.....uuucucucguauacacacucgA.....	1	1	s02
.....uuucucucguauacacacucgcA.....	1	1	s02
.....uuucucucguauacacacucgccu.....	1	0	s02
.....uuucucucguauacacacucgccuaag.....	1	0	s02
.....uuucucucguauacacacucgccuaaU.....	1	1	s02
.....ucucucguauacacacucgc.....	1	0	s02
.....ucucucguauacacacucgcA.....	1	1	s02
.....ucucucguauacacacucgc.....	1	0	s02
.....cuaaaggcucguguguaauaccgagaaaau.....	2	0	s02
.....cuaaaggcucguguguaauaccgagaaaaua.....	2	0	s02
.....ucguguguaauaccgagaaaau.....	1	0	s02
.....ucguguguaauaccgagaaaaua.....	4	0	s02
.....cguguguaauaccgagaaaa.....	1	0	s02
.....cguguguaauaccgagaaaaau.....	3	0	s02
.....cguguguaauaccgagaaaaua.....	1	0	s02
.....cguguguaauaccgagaaaaUGa.....	1	1	s02
.....guguguaauaccgagaaaaau.....	1	0	s02
.....guguguaauaccgagaaaaua.....	1	0	s02
.....uauaccgagaaaauacaa.....	1	0	s02
.....uauaccgagaaaauacaagC.....	2	1	s02
.....agacucgugggauauucc.....	1	0	s02
.....auauuccauaguauaccacu.....	1	0	s02
.....uauuccauaguauaccacu.....	1	0	s02
.....auuccauaguauaccacucU.....	1	1	s02
.....auuccauaguauaccacucga.....	1	0	s02
.....auaguauaccacucgaaagc.....	1	0	s02
.....uuuuucucguauacacacucgc.....	6	0	s17
.....uuuuucucguauacacacucgcA.....	1	1	s17
.....uauuuucucguauacacacucA.....	2	1	s01
.....auuuucucguauacacacucgc.....	1	0	s01
.....uuuuucucguauacacacucgc.....	4	0	s01
.....uuuuucucguauacacacucgA.....	2	1	s01
.....uuuuucucguauacacacucgcA.....	1	1	s01
.....uucguauacacacucgccuaaggcucgu.....	1	0	s01
.....uauuuucucguauacacacuc.....	1	0	s10
.....uuuuucucguauacacacucg.....	1	0	s10

## Mature

## Star

uuugucaguguauuuuuucguauacacacucgcuaaaggcucguguguauaccgagaaaauacaagauagacucgugggauuuccauaguauaccacucgaaagc

.....uuuuuucguauacacacucgc.....	6	0	s10
.....uuuuuucguauacacacucgA.....	2	1	s10
.....uuuuuucguauacacacucgcA.....	1	1	s10
.....uucuuucguauacacacucgcAu.....	1	1	s10
.....ucuuucguauacacacucgcAu.....	2	1	s10
.....cguauacacacucgc <u>uaaC</u> .....	2	1	s10
.....cucgc <u>uaaaggc</u> ucgugugua <u>u</u> .....	1	0	s10
.....uauuuuucguauacacacuc.....	2	0	s19
.....uuuuuucguauacacacu.....	1	0	s19
.....uuuuuucguauacacacucA.....	1	1	s19
.....uuuuuucguauacacacucg.....	6	0	s19
.....uuuuuucguau <u>U</u> acacacucg.....	1	1	s19
.....uuuuuucguauacacacucgc.....	7	0	s19
.....uuuuuucguauacacacucgcA.....	2	1	s19
.....uauuuuucguauacacacuc.....	1	0	s13
.....uauuuuucguauacacacucg.....	2	0	s13
.....uuuuuucguauacacacu.....	1	0	s13
.....uuuuuucguauacacacuc.....	1	0	s13
.....uuuuuucguauacacacucg.....	5	0	s13
.....uuCucuucguauacacacucg.....	2	1	s13
.....uuuuuucguauacacacucA.....	11	1	s13
.....uuuuuucguauacacacuc <u>U</u> C.....	1	1	s13
.....uuuuuucguauacacacucgc.....	34	0	s13
.....uuuuuucguauacacacucAc.....	1	1	s13
.....uuuuuucguauacacacC <u>U</u> cucg.....	1	1	s13
.....uuuuuucguauacacacucgcG.....	4	1	s13
.....uuuuuucguauacacacucgcA.....	16	1	s13
.....uuuuuucguauacacacucgcAu.....	1	1	s13
.....uuuuuucguauacacacucgc <u>uaaaggc</u> .....	1	0	s13
.....uuuuuucguauacacacucgc.....	3	0	s13
.....uuuuuucguauacacacucgc <u>uaaaggcu</u> .....	1	0	s13
.....Cucuucguauacacacucgc.....	1	1	s13
..... <u>uaaaggc</u> ucgugugua <u>uaccg</u> agaaaa <u>u</u> .....	1	0	s13
.....uauuuuucguauacacacuc.....	1	0	s12
.....uauuuuucguaua <u>A</u> acacucg.....	1	1	s12
.....uauuuuucguauacacacucg.....	1	0	s12
.....uuuuuucguauacacacu.....	2	0	s12
.....uuuuuucguauacacacucA.....	1	1	s12
.....uuuuuucguauacacacucg.....	4	0	s12
.....uuuuuucguauacacacucgc.....	17	0	s12
.....uuuuuucguauacacacucgcG.....	2	1	s12
.....uuuuuucguauacacacucgcG.....	1	1	s12
.....uuuuuucguauacacacucgcA.....	1	1	s12
.....cucgc <u>uaaaggc</u> ucgugugua <u>uaccg</u> aga.....	1	0	s12
..... <u>uaaaggc</u> ucgugugua <u>UGccg</u> agaaaa <u>u</u> .....	1	1	s12
.....uuuuuucguauacacacucgc.....	1	0	s12
.....uuuuuucguauacacacucgc.....	1	0	s12
.....uuuuuucguauacacacucgc.....	2	0	s16
.....uauuuuucguauacacacucg.....	1	0	s06
.....uuuuuucguCuacacacucgc.....	2	1	s06
.....uuuuuucguauacacacucgc.....	5	0	s06
.....uuuuuucguCuacacacucgc <u>uaaaggc</u> .....	2	1	s06
.....uauuuuucguauacacacucg.....	1	0	s03
.....uuuuuucguauacacacucgc.....	8	0	s03
.....uuuuuucguauacacacucgcA.....	1	1	s03
.....uuuuuucguauacacacucgc.....	2	0	s15
.....cugugugua <u>uaccg</u> agaaaa.....	1	0	s04
.....uauuuuucguauacacacuc.....	1	0	s08
.....uuuuuucguauacacacucgc.....	2	0	s08
.....u <u>U</u> uuuucguauacacacucgc.....	1	1	s08
.....cacucgc <u>uaaaggc</u> ucgugugua <u>uaccg</u> a.....	1	0	s08

## Mature

## Star

uugucaguguaauuuuucguauuacacacucgcuaaaggcucguguguaauaccgagaaaauacaagauagacucgugggauauuccauaguauaccacucgaaagc			
.....cucgccuaaaggcucguguguaau.....	1	0	s08
.....cucgccuaaaggcucguguguaauaccgaga.....	1	0	s08
.....ccuaaaggcucguguguaauacc.....	1	0	s08
.....uauuuuucguauuacacacu.....	1	0	s07
.....uauuuuucguauuacacacuc.....	2	0	s07
.....uauuuuucguauuacacacucA.....	1	1	s07
.....auuuuucguauuacacacucgc.....	1	0	s07
.....uuuuuucguauuacacacu.....	1	0	s07
.....uuuucguauuacacacucA.....	1	1	s07
.....uuuucguauuacacacucg.....	1	0	s07
.....uuuucguauuacacacucgc.....	44	0	s07
.....uuuucguauuacacacucgA.....	2	1	s07
.....uuuucguauuacacacucgG.....	3	1	s07
.....uuuucguauuacacacucgcA.....	3	1	s07
.....ucguguguaauaccgagaaaaua.....	1	0	s07
.....ugggauauuccauaguauaccacucgaaag.....	1	0	s07
.....uuccauaguaGaccacucg.....	1	1	s07
.....ugCauuuuucguauuacacacucgcc.....	1	1	s09
.....uauuuuucguauuacacacucA.....	2	1	s09
.....uauuuuucguauuacacacucg.....	1	0	s09
.....uuuuuucguauuacacacucg.....	1	0	s09
.....uuuucguauuacacacucgG.....	1	1	s09
.....uuuucguauuacacacucgc.....	9	0	s09
.....uuuucguauuacacacucgc.....	1	0	s09
.....cuucguauuacacacucgcuaaaggcucgu.....	1	0	s09
.....cucgccuaaaggcucgugugu.....	1	0	s09
.....uaaaggcucguguguaauacc.....	1	0	s09