



## Mature

5' -	uuuuuaucaguuauaaacacaacucucacacagcucaa <u>uccuucgcgagccugacggcguaauuucucgaauuucucucaauucuccggcucgaaggacca</u> aaugucgcagggcgac	-3'	exp
	uuuuuaucaguuauaaacacaacucucacacagcucaa <u>uucuccgcgagccugacggcguaauuucucgaauuucucucaauucuccggcucgaaggacca</u> aaugucgcagggcgac		known
	.....(((((((.(.((((((.(.((((((...))))).)))).)....))))))))).....(((((...)))))	reads	mm
	.....uucgcagccugacggcguaauuucucgaau.....	3	0
	.....Acuccggcucgaaggacca.....	2	1
	.....cuccggcucgaaggaaAca.....	1	1
	.....cuccggcuUgaaggacca.....	2	1
	.....Guccggcucgaaggacca.....	1	1
	.....Uuccggcucgaaggacca.....	2	1
	.....cuccggcucgaaggacca.....	36	0
	.....cuccggcucgaaggaccU.....	1	1
	.....cuccggcucgaaggacAA.....	1	1
	.....cuccggcucgaaggaccG.....	1	1
	.....cuccggcucgaaggacca.....	15	0
	.....cuccggcucgGaggacca.....	2	1
	.....cuccggcucgaaggaccU.....	1	1
	.....cuccggcucgAGgacca.....	2	1
	.....uauaaacacaacucucacacagcucaauu.....	29	0
	.....uauaaacacaacucucacacagUucaauu.....	1	1
	.....uauaaacacaacucUGcacagcucaauu.....	3	1
	.....uauaaacacaacucucacacagcucaauC.....	1	1
	.....uauaaacacaacucucacacagcucaauuc.....	4	0
	.....uauaaacacaacucucacacagcucaauucc.....	3	0
	.....uauaaacacaacucucacacagcucaauucU.....	2	1
	.....uaaacacacaacucucacacagcuca.....	1	0
	.....uaaacacacaacucucacacagcucaauu.....	1	0
	.....uaaacacacaacucucacacagcucaauucc.....	2	0
	.....uaaacacacaacucucacacagcucaauucc.....	1	0
	.....uaaacacacaacucUGcacagcucaauuccu.....	1	1
	.....uGaacacacaacucucacacagcucaauuccu.....	1	1
	.....uaaacacacaacucucacacagcucaauuccu.....	4	0
	.....uaaacacacaacucucacacagcucaauuccuC.....	1	1
	.....uuucucgaauuucucucaauucUGc.....	1	1
	.....Acuccggcucgaaggacca.....	9	1

## Star

## Mature

uuuuuauucaguuauaacacacucucacacagcucaauuccuucgcagccugacggcguaauuucucgaauuucucucaaucuccggcucgaaggaccaaaugucgcagggcgac

.....ucuccggcucgaaggacca.....	3	0	s10
.....cuccggcucgaaggacca.....	154	0	s10
.....cuccggcucAaaggacca.....	1	1	s10
.....cuccggGucgaaggacca.....	1	1	s10
.....cuccggcucgaaggaccC.....	5	1	s10
.....cuccggcucgaaggaccU.....	7	1	s10
.....cuccggcucgaaggaccG.....	1	1	s10
.....uccggcucgaaggaccGa.....	1	1	s10
.....uccggcucgaaggaccaUa.....	2	1	s10
.....uauaaacacaacucucacacagcucaa <u>u</u> .....	1	1	s14
.....uauaaGcacaacucucacacagcucaa <u>uu</u> .....	1	1	s14
.....uauaaacacaacucucacacagcucaa <u>uu</u> .....	1	0	s14
.....uauaaacacaacucucacacagcucaa <u>uuc</u> .....	1	0	s14
.....uauaaaGacaacucucacacagcucaa <u>uucc</u> .....	1	1	s14
.....uauaaaAacaacucucacacagcucaa <u>uucc</u> .....	1	1	s14
.....uaaacacaacucucacacagcucaa <u>uuc</u> .....	2	0	s14
.....uacacagcucaa <u>uuccuucgcagccugac</u> .....	1	0	s14
.....Acuccggcucgaaggacca.....	1	1	s14
.....cuccggcucgCaggacca.....	1	1	s14
.....cuccggcucgaaggacca.....	26	0	s14
.....cuccggcucgaGggacca.....	1	1	s14
.....uauaaacacaacucucGcacagcucaa <u>uu</u> .....	1	1	s19
.....cuccggcucgaaggaccG.....	2	1	s19
.....cuccggcGcgaaggacca.....	2	1	s19
.....cuccggcucgaaggacca.....	22	0	s19
.....uccggcucgaaggaccaa.....	1	0	s19
.....cuccggcucgaaggacca.....	16	0	s13
.....Uuccggcucgaaggacca.....	1	1	s13
.....ucuccggcucgaaggaccG.....	1	1	s12
.....Acuccggcucgaaggacca.....	7	1	s12
.....ucuccggcucgaaggacca.....	2	0	s12
.....cuccggcucgaaggaccG.....	1	1	s12
.....cuccggcucUaaggacca.....	1	1	s12
.....cCccggcucgaaggacca.....	1	1	s12
.....cuccggcucgaaggacUa.....	2	1	s12
.....cuccggcucgaaggaccU.....	1	1	s12
.....cuccggcucgaaggacca.....	45	0	s12
.....uccggcucgaaggaccaa.....	1	0	s12
.....uccggcucgaaggaccaUa.....	4	1	s12
.....uccggcucgaaggaccaUau.....	1	1	s12
.....Acuccggcucgaaggacca.....	1	1	s05
.....cuccggcucgaaggacca.....	21	0	s05
.....cuccAgcucgaaggacca.....	1	1	s05
.....cuUcggcucgaaggacca.....	1	1	s05
.....cuccggcucgaaggaccG.....	1	1	s05
.....uccggcucgaaggaccaUa.....	4	1	s05
.....cuccggcucgaaggacca.....	4	0	s18
.....uauaaacacaacucucGcacagcucaa <u>uu</u> .....	1	1	s02
.....aAcuccggcucgaaggac.....	1	1	s02
.....aAcuccggcucgaaggacca.....	1	1	s02
.....Acuccggcucgaaggacca.....	11	1	s02
.....ucuccggcucgaaggacca.....	3	0	s02
.....cuccggcucgaaggGcca.....	3	1	s02
.....cuccggUucgaaggacca.....	2	1	s02
.....cuccgCcucgaaggacca.....	1	1	s02
.....cuccggcucgaGggacca.....	2	1	s02
.....cuccggcucgaaggaccC.....	4	1	s02
.....cuccggcucgaaggacca.....	172	0	s02
.....Guccggcucgaaggacca.....	1	1	s02
.....cuccggcucgaaUgacca.....	1	1	s02
.....cuccggcucgaaggaccU.....	2	1	s02
.....cuccggcucAaaggacca.....	1	1	s02
.....cuccggcucgaaggaccG.....	5	1	s02

## Star

## Mature

uuuuuauucaguuauaacacacacucucacacagcucaauuccuucgcagccugacggcguaauuucucgaauuucucuaaucucggcucgaaggaccaaaugucgcagggcgac

.....cucgggcucgaaggCcca.....	1	1	s02
.....uccgggcucgaaggacccaaa.....	1	0	s02
.....cucAgggcucgaaggacca.....	3	1	s11
.....cucgggcucgaaggaccG.....	1	1	s11
.....cucgggcucgaaggacca.....	10	0	s11
.....uccggcCgaaggaccaa.....	1	1	s11
.....uauaaacacacacucucacacagUucauu.....	1	1	s06
.....ucucgggcucgaaggacca.....	1	0	s06
.....cucgggcucgaaggaccC.....	1	1	s06
.....cucgggcucgaaggacca.....	37	0	s06
.....cucgggcucgaaggaccU.....	2	1	s06
.....cucgggcucgaaggGcca.....	1	1	s06
.....uauaaacacacacucucacacagcuca.....	1	0	s03
.....uauaaacacacacucUGcacagcucauu.....	1	1	s03
.....uauaaacacacacucucacacagcucaauC.....	1	1	s03
.....uauaaacacacacucucacacagcucauu.....	8	0	s03
.....uaaacacacacucucacacagcucauuuccu.....	1	0	s03
.....uaaacacacacucucacacagUucauuuccu.....	1	1	s03
.....uaaacacacacucucacacagcucauuuccuu.....	1	0	s03
.....cucgggcucgaaggacca.....	19	0	s03
.....cucgggcucgaaggacca.....	1	1	s03
.....Acucgggcucgaaggacca.....	1	1	s15
.....cucggAcucgaaggacca.....	1	1	s15
.....cucgggcucgaaggacca.....	5	0	s15
.....cucgggcucgaaggacca.....	4	0	s04
.....uaaacacacacucucacacagcucauuuccuu.....	1	0	s08
.....uucuuucuaauucucgggcucgaagg.....	1	0	s08
.....Acucgggcucgaaggacca.....	7	1	s08
.....ucucgggcucgaaggauca.....	1	1	s08
.....cucgggcucgaaggacca.....	54	0	s08
.....cucgggcucgaaggGcca.....	1	1	s08
.....cucgggcucgaaggaccC.....	2	1	s08
.....Uucgggcucgaaggacca.....	1	1	s08
.....cucgggcucgaaggaccG.....	2	1	s08
.....cucgggcucgaaggaccU.....	2	1	s08
.....uccgggcucgaaggacccaa.....	1	0	s08
.....uccggcGcgaaggacccaa.....	1	1	s08
.....ucauuuccuucgcagccugacgg.....	1	0	s07
.....uaauuucucgaauuucuu.....	1	0	s07
.....Acucgggcucgaaggacca.....	4	1	s07
.....ucucgggcucgaaggacca.....	3	0	s07
.....cucAgggcucgaaggacca.....	1	1	s07
.....cucgggcucgaaggacca.....	38	0	s07
.....cucgggcucgaaggaccC.....	2	1	s07
.....cucgggcucgaaggacUa.....	1	1	s07
.....cucgggGuogaaggacca.....	1	1	s07
.....uccgggcucgaaggaccGa.....	1	1	s07
.....uccgggcucgaaggaccaUa.....	1	1	s07
.....uaaacacacacucucacacagcucauuuccu.....	1	0	s09
.....cucgggcucgaaggaccU.....	3	1	s09
.....cucgggcucgaaggaccGa.....	1	1	s09
.....cucgggcucgaaggaccG.....	1	1	s09
.....cucgggcucgaaggacca.....	24	0	s09
.....cucgggAuogaaggacca.....	1	1	s09
.....uauaaacacacacucucacacagcucauu.....	1	0	s16
.....uaaacacacacucucacacagcucauu.....	1	0	s16
.....uaaacacacacucucacacagUucauuucc.....	1	1	s16
.....uaaacacacacucucacacagcucauuuccu.....	2	0	s16
.....uaaacacacacucUGcacagcucauuuccuu.....	1	1	s16
.....uaaacacacacucucacacagcucauuuccuu.....	3	0	s16

Star

Mature

uuuuuauucaguuuaacacaacucucacacagcucaa <u>uuccuucgcagccugacggcg</u> uaauuucucgaa <u>uuuucucucaa</u> ucuccggcucgaaggaccaaaugucgcagggcgac			
.....cacaacucucacacagcucaauuccuucgca.....	1	0	s16
.....ucucacacagcucaauuccuucgcagcU.....	1	1	s16
.....uaauuucucgaa <u>uuuucucucaa</u> ucG.....	1	1	s16
.....Acuccggcucgaaggacca.....	1	1	s16
.....cuccggcucgaaggaccU.....	1	1	s16
.....cuccggcucgGaggacca.....	1	1	s16
.....cuccggcucgaaggacca.....	52	0	s16
.....cuccggcucgaagAacca.....	2	1	s16
.....cuccggcucgaaggaccG.....	4	1	s16
.....Guuccggcucgaaggacca.....	1	1	s16