



5'	ucucgacgaaaauuuaguaagcguaauuuuc <u>u</u> auggcauggguauaaaaa <u>g</u> uuacacaacac <u>u</u> uuucugugguauacuaugggaaua <u>u</u> aucacacuugucac <u>u</u> uguaauuuucuu	-3'	obs	
	ucucgacgaaaauuuaguaagcguaauuuuc <u>u</u> auggcauggguauaaaaa <u>g</u> uuacacaacac <u>u</u> uuucugugguauacuaugggaaua <u>u</u> aucacacuugucac <u>u</u> uguaauuuucuu		exp	
	.....((((.....(((((((.....(((((((.....(((((((.....((((.....((((.....))).....))).....))).....))).....))).....))).....))).....	reads	mm	sample
	.....acac <u>u</u> uuucugugguauacuauggaaua <u>u</u> auc.....	1	0	s08
	.....acuuucugugguaua <u>u</u> acuaug.....	2	0	s08
	.....uuucugugguaua <u>u</u> acua <u>u</u>	1	0	s08
	.....uuucugugguaua <u>u</u> acuaugg.....	1	0	s08
	.....uuucugugguaua <u>u</u> acuaugga.....	2	0	s08
	.....uucugugguaua <u>u</u> acuaug.....	3	0	s08
	.....cucugugguaua <u>u</u> acuauggaau <u>u</u>	1	0	s08
	.....uauacuauggaaua <u>u</u> acaU.....	1	1	s08
	.....uu <u>u</u> cuauggcaugguauaaaCu.....	1	1	s07
	.....acuuucugugguaua <u>u</u> acuaug.....	2	0	s07
	.....cuuucugugguaua <u>u</u> acuaug.....	1	0	s07
	.....uuucugugguaua <u>u</u> acua <u>u</u>	2	0	s07
	.....uuucugugguaua <u>u</u> acuaug.....	5	0	s07
	.....uuucugugguaua <u>u</u> acuaugg.....	3	0	s07
	.....uuucugugguaua <u>u</u> acuaugga.....	1	0	s07
	.....uucugugguaua <u>u</u> acuaug.....	4	0	s07
	.....uucugugguaua <u>u</u> acuaugg.....	3	0	s07
	.....uu <u>u</u> cuauggcaugguaua.....	1	0	s09
	.....acuuucugugguaua <u>u</u> acuaug.....	2	0	s09
	.....cuuucugugguaua <u>u</u> acuaug.....	2	0	s09
	.....uucugugguaua <u>u</u> acuaug.....	2	0	s09
	.....uauacuauggaaua <u>u</u> acaca.....	1	0	s09
	.....cuuucugugguaua <u>u</u> acuaug.....	1	0	s03
	.....uuucugugguaua <u>u</u> acua <u>u</u>	2	0	s03
	.....cucugugguaua <u>u</u> acuaugga <u>u</u>	1	0	s03
	.....uuucugugguaua <u>u</u> acua <u>u</u>	1	0	s06
	.....uuucugugguaua <u>u</u> acuaug.....	1	0	s06
	.....uuucugugguaua <u>u</u> acuaugga.....	1	0	s06
	.....uucugugguaua <u>u</u> acuaug.....	1	0	s06

Star

Mature

ucucgacgaaauuaguaagcguaauuucuauggcauggguauaaaaaaguuacacacacuuucucgugguauacuauuggaauauacacacugucacuguaauuuucuu			
.....uauacuauuggaauaucaU.....	1	1	s06
.....uugucacuuuguaauuuucuu	1	0	s06
.....uuucucgugguauacuauugga.....	1	0	s15
.....cacuuucucgugguauacuauugg.....	1	0	s11
.....cuuucucgugguauacuUuggaauauc.....	1	1	s11
.....uuuUucgugguauacuauug.....	1	1	s11
.....cguaauuuucuauggcaugg.....	1	0	s02
.....uauuuucuauggcauggu.....	2	0	s02
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.....uuuucuauggcauggguau.....	3	0	s02
.....ucuauggcauggguauaaaaau.....	1	0	s02
.....acuucucgugguauacu.....	1	0	s02
.....acuucucgugguauacuau.....	4	0	s02
.....acuucucgugguauacuauug.....	24	0	s02
.....cuuucucgugguauacuau.....	2	0	s02
.....cuuucucgugguauacuauug.....	8	0	s02
.....cuuucucgugguauacuauugga.....	2	0	s02
.....uuucucgugguauacuau.....	39	0	s02
.....uuucucgugguauacuauug.....	27	0	s02
.....uuucucgugguauacuauugU.....	3	1	s02
.....uuucucgugguauacuauugC.....	2	1	s02
.....uuucucgugguauacGaugg.....	2	1	s02
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.....uucucgugAuauacuauug.....	2	1	s02
.....uucucgugguauacuauugg.....	7	0	s02
.....uucucgugguauacuauugga.....	39	0	s02
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.....acuugucacuuuguaauuuucu.....	2	0	s02
.....cuugucacuuuguaauuuucu.....	1	0	s02
.....uauuuucuauggcauggu.....	1	0	s05
.....auggcauggguauaaaauagu.....	1	0	s05
.....uuucucgugguauacuauug.....	2	0	s05
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.....uuucucgugguauacuauugga.....	1	0	s05
.....uucucgugguauacuauug.....	1	0	s05
.....uuucucgugguauacuauugga.....	1	0	s05
.....uucucgugguauacuauuggaauU.....	1	1	s05
.....ucgugguauGcuauuggaauau.....	1	1	s05
.....cgugguauacuauuggaauau.....	1	0	s05
.....acuugucacuuuguaauuuucu.....	2	0	s05
.....uuucucgugguauacuauug.....	1	0	s18
.....uuucucgugguauacuauugg.....	6	0	s18
.....uuucucgugguauacuauug.....	1	0	s14
.....uucucgugguauacuauug.....	2	0	s14
.....uuucucgugguauacuau.....	2	0	s19
.....uuucucgugguauacuauug.....	7	0	s19
.....uuucucgugguauacuauugg.....	4	0	s19
.....uucucgugguauacuauugg.....	1	0	s19
.....ucgugguauacuauuggaaua.....	1	0	s19
.....cgugguauacuauuggaau.....	1	0	s19
.....acuugucacuuuguaauuuucu.....	1	0	s19
.....uuucuauggcauggguauU.....	1	1	s13
.....uggcauggguauaaaauaguu.....	1	0	s13

Star

Mature

ucucgacgaaauuaguaagcguaauuuuc <u>uauggcauggguauaaaaa</u> g <u>uuacacaacac</u> uuucucgugguauacuauggaauaucacac <u>uugucacu</u> guauuuuucuu			
.....uuucucgugguauacuau.....	1	0	s13
.....uuucucUugguauacuau.....	1	1	s13
.....uuucucgugguauacuau.....	20	0	s13
.....uuucucgugguauacuau.....	2	0	s13
.....uuucucgugguauacuau.....	5	0	s13
.....uuucucgugguauacuau.....	1	0	s13
.....ugguauacuauuggaauau.....	2	0	s13
.....ugguauacuauuggaauauc.....	1	0	s13
.....acuucucgugguauacuau.....	1	0	s12
.....uucucgugguauacuau.....	2	0	s12
.....acuugucacuugauuuuucu.....	1	0	s12
.....uauggcaugguauaaaaa.....	1	0	s17
.....acuucucgugguauacuau.....	1	0	s17
.....uuucucgugguauacuau.....	1	0	s17
.....uuucucgugguauacuau.....	4	0	s17
.....uuucucgugguauacuau.....	1	0	s17
.....acuucucgugguauacuau.....	1	0	s01
.....uuucucgugguauacuau.....	1	0	s01
.....uuucucgugguauacuau.....	4	0	s01
.....uuucucgugguauacuau.....	1	0	s01
.....uuucucgugguauacuau.....	4	0	s01
.....uucucgugguauacuau.....	2	0	s01
.....guauuuucuauggcaugguaua.....	1	0	s10
.....uuucucgugguauacuau.....	1	0	s10
.....uucucgugguauacuau.....	1	0	s10