



Mature

5'		-3'	obs	
			exp	
auguuc <u>auugccgug</u> acuuuaac <u>aucuucag</u> <u>uucccacggccugcucccg</u> ucugaccuuauagcucagucagugagcggcgaggucua <u>auccgaaggucguggguucaa</u>				
auguuc <u>auugccgug</u> acuuuaac <u>aucuucag</u> <u>uucccacggccugcucccguc</u> gaccuuauagcucagucagugagcggcgaggucua <u>auccgaaggucguggguucaa</u>				
...(((.....))).....(..(((((((((((..(..(((.....((((.....)))))).....)))))).)).))))))))).....)	reads	mm		sample
...Aucauugccgugacuuuaac <u>aucuucag</u>	1	1		s35
.....auugccgugacuuuaac <u>aucu</u>	1	0		s35
.....Agacuuuaac <u>aucuucag</u> uucccacggc.....	1	1		s35
.....Auuaa <u>aucuucag</u> uucccacggccugc.....	1	1		s35
.....auagcucagucagugagcggcgaggAuc.....	1	1		s35
.....Aucagugagcggcgagg.....	1	1		s35
.....aguagagcggcgagguc.....	1	0		s35
.....aguagGgcggcgaggucuaa.....	1	1		s35
.....aguagagcggcgaggucuaa.....	1	0		s35
.....aguagagcggcgaggucuaaCccgaagguc.....	1	1		s35
.....aguagagcggcgaggAucuaa <u>auccgaaggucgug</u>	1	1		s35
.....aguagagcggcgaggucuaaCccgaaggucguggguuc.....	1	1		s35
.....Auagagcggcgaggucuaa.....	1	1		s35
.....agcggcgaggucuaaCccga.....	2	1		s35
.....Cucuaa <u>auccgaaggucguggg</u>	1	1		s35
.....aa <u>auccgaaggucguggg</u>	5	0		s35
.....aa <u>auccgaaggucguggg</u> uA.....	1	1		s35
.....aa <u>auccgaaggucguggg</u> uu.....	4	0		s35
.....aa <u>auccgaaggucguggg</u> uuA.....	2	1		s35
.....aa <u>auccgaaggucguggg</u> uuuc.....	5	0		s35
.....aa <u>auccgaaggucguggg</u> uuca.....	2	0		s35
.....aa <u>auccgaaggucguggg</u> uuAa.....	1	1		s35
.....aa <u>auccgaaggucguggg</u> uuucU.....	1	1		s35
.....aa <u>auccgaaggucguggg</u> uuucCa.....	1	1		s35
.....a <u>auccgaaggucguggg</u> uA.....	3	1		s35
.....a <u>auccgaaggucguggg</u> uu.....	14	0		s35
.....a <u>auccgaaggucguggg</u> uuG.....	1	1		s35
.....a <u>auccgaaggucguggg</u> uuuc.....	14	0		s35
.....a <u>auccgaaggucguggg</u> uuA.....	16	1		s35
.....a <u>auccgaaggucguggg</u> uuucU.....	2	1		s35
.....a <u>auccgaaggucguggg</u> uuca.....	2	0		s35
.....a <u>auccgaaggucguggg</u> uuAa.....	1	1		s35
.....a <u>auccgaaggucguggg</u> uucaG.....	2	1		s35

Star

Mature

auguuc <u>auugccgug</u> acuuuac <u>aucuucag</u> <u>uuccacggccugcucccgucug</u> accuuauagcucagucag <u>uagagcgggcggaggucaa</u> <u>auccgaaggucguggguucaa</u>			
.....auccgaaggucguggguucaa	2	0	s35
auguuc <u>auugccgug</u> acuuuac <u>aucuucag</u>	1	0	s60
auguuc <u>auugccgug</u> acuuuacC <u>ucuucagu</u>	1	1	s60
auguuc <u>auugccgug</u> acuuuac <u>aucuucaguuc</u>	1	0	s60
.....Agacuuuac <u>aucuucagu</u> uuccacggccu.....	1	1	s60
.....Auuaac <u>aucuucagu</u> uuccacggccugc.....	1	1	s60
.....A <u>aucuucagu</u> uuccacggccugcucccg.....	1	1	s60
.....aucuuc <u>agu</u> uuccacggccugcucc.....	1	0	s60
.....Auccacggccugcucccg.....	4	1	s60
.....auagcucagucag <u>uagagcgggcggag</u> Auc.....	2	1	s60
.....agcucagucG <u>uagagcgggcggaggu</u> cua.....	2	1	s60
.....Auagagcgggcggaggucaa.....	3	1	s60
.....aauccgaaggucguggguu.....	12	0	s60
.....aauccgaaggucguggguu.....	3	0	s60
.....aauccgaaggucguggguuA.....	3	1	s60
.....aauccgaaggucguggguuU.....	1	1	s60
.....aauccgaaggucguggguuca.....	5	0	s60
.....auccgaaggucguggguuA.....	1	1	s60
.....auccgaaggucguggguu.....	17	0	s60
.....auccgaaggucguggguuAc.....	1	1	s60
.....auccgaaggucguggguu.....	14	0	s60
.....auccgaaggucguggguuG.....	6	1	s60
.....auccgaaggucguggguuA.....	16	1	s60
.....auccgaaggucguggguuAa.....	1	1	s60
.....auccgaaggucguggguuca.....	21	0	s60
.....auccgaaggucguggguuU.....	2	1	s60
.....auccgaaggucguggguucaa.....	1	0	s60
auguuc <u>auugccgug</u> acC <u>uu</u> aac <u>aucuucagu</u>	1	1	s09
...Aucauugccgugacuuuac <u>aucuuc</u>	1	1	s09
...Acauugccgugacuuuac <u>aucu</u>	1	1	s09
...auugccgugacuuuac <u>aucuucagu</u> uucc.....	1	0	s09
.....Agacuuuac <u>aucuucagu</u> uuccacggc.....	1	1	s09
.....auagcucagucG <u>uagagcgggcggag</u> g.....	1	1	s09
.....auccgaaggucguggguu.....	1	0	s09
.....auccgaaggucguggguuA.....	4	1	s09
.....auccgaaggucguggguu.....	3	0	s09
.....aucuuc <u>agu</u> uuccacggccugcucccg.....	1	0	s85
.....aguuccacggccugcuccc.....	1	0	s85
.....Auccacggccugcucccg.....	2	1	s85
.....aguagagcgggcGaggu.....	1	1	s85
.....aauccgaaggucguggguuU.....	1	1	s85
.....aauccgaaggucguggguuca.....	1	0	s85
.....aauccgaaggucguggguucaa.....	1	0	s85
.....auccgaaggucguggguu.....	7	0	s85
.....auccgaaggucguggguu.....	14	0	s85
.....auccgaaggucguggguuA.....	3	1	s85
.....auccgaaggucguggguuAa.....	1	1	s85
.....auccgaaggucguggguuca.....	25	0	s85
.....auccgaaggucguggguucaa.....	4	0	s85
.....A <u>aucuucagu</u> uuccacggccugcucccg.....	1	1	s72
.....Auc <u>agu</u> uuccacggccugcucccg.....	5	1	s72
.....Auccacggccugcuccc.....	4	1	s72
.....Auccacggccugcucccg.....	18	1	s72
.....acggccugcucccgucugacc.....	1	0	s72
.....auagcucagucag <u>uagagcgggcggag</u> A.....	1	1	s72
.....auagcucagucag <u>uagagcgggcggag</u> Au.....	1	1	s72
.....auagcucagucag <u>uagagcgggcggag</u> Auc.....	2	1	s72
.....aauccgaaggucguggguu.....	1	0	s72
.....aauccgaaggucguggguu.....	5	0	s72
.....aauccgaaggucguggguu.....	2	0	s72
.....aauccgaaggucguggguuca.....	3	0	s72
.....aauccgaaggucguggguucaa.....	1	0	s72
.....auccgaaggucguggguu.....	1	0	s72
.....auccgaaggucguggguuA.....	1	1	s72
.....auccgaaggucguggguu.....	9	0	s72
.....auccgaaggucguggguuca.....	29	0	s72

Star

Mature

auguuc <u>auugccgug</u> acuuuac <u>aucuucag</u> <u>uuccca</u> cgccug <u>cu</u> cccgucgac <u>ccu</u> uauagcucagucag <u>uagagcggcg</u> gaggu <u>cu</u> a <u>auccga</u> aggucguggg <u>uu</u> caa			
.....a <u>uccga</u> aggucguggg <u>uu</u> caa	1	0	s72
auguuc <u>auugccgug</u> acuuuac <u>aucuucag</u>	1	0	s13
augu <u>C</u> auugccgugacuuuac <u>aucuucag</u>	1	1	s13
...Au <u>c</u> auugccgugacuuuac <u>a</u>	1	1	s13
...Au <u>c</u> auugccgugacuuuac <u>aucuucag</u>	1	1	s13
...A <u>c</u> auugccgugacuuuac <u>aucu</u>	1	1	s13
.....auugccgugacuuuac <u>aucu</u>	1	0	s13
.....Agacuuuac <u>aucuucag</u> uuccca <u>cgccug</u> cuccc.....	1	1	s13
.....Au <u>ccca</u> cgccugcucccguc.....	1	1	s13
.....auagcucagucagA <u>agagcgg</u>	1	1	s13
.....auagcucagucag <u>uagagcggcg</u> gagAu.....	1	1	s13
.....Aagcucagucag <u>uagagcggcg</u>	1	1	s13
.....Aucagucag <u>uagagcggcg</u>	3	1	s13
.....Aucagucag <u>uagagcggcg</u> a.....	1	1	s13
.....Aucag <u>uagagcggcg</u> gag.....	1	1	s13
.....cu <u>aa</u> uccgaaggucguggg <u>uu</u> A.....	1	1	s13
.....cu <u>aa</u> uccgaaggucguggg <u>uu</u> c.....	1	0	s13
.....a <u>auccga</u> aggucguggg <u>uu</u> A.....	1	1	s13
.....a <u>auccga</u> aggucguggg <u>uu</u> A.....	3	1	s13
.....a <u>auccga</u> aggucguggg <u>uu</u> Ua.....	1	1	s13
.....a <u>auccga</u> aggucguggg <u>uu</u> Ga.....	1	1	s13
.....a <u>auccga</u> aggucguggg <u>uu</u> Aaa.....	1	1	s13
.....a <u>uccga</u> aggucguggg <u>uu</u>	2	0	s13
.....a <u>uccga</u> aggucguggg <u>uu</u> Ac.....	1	1	s13
.....a <u>uccga</u> aggucguggg <u>uu</u> c.....	2	0	s13
.....a <u>uccga</u> aggucguggg <u>uu</u> A.....	14	1	s13
.....a <u>uccga</u> aggucguggg <u>uu</u> Aa.....	1	1	s13
.....a <u>uccga</u> aggucguggg <u>uu</u> ca.....	2	0	s13
.....Agacuuuac <u>aucuucag</u> uuccca <u>cgcc</u>	1	1	s23
.....a <u>uc</u> uucag <u>uuccca</u> cgccugcucccg.....	1	0	s23
.....Aucagac <u>ccu</u> uauagcucagucag <u>uagag</u>	1	1	s23
.....auagcucagucag <u>uagagcggcg</u> gagAu.....	2	1	s23
.....a <u>auccga</u> aggucguggg <u>u</u>	5	0	s23
.....a <u>auccga</u> aggucguggg <u>uu</u>	5	0	s23
.....a <u>auccga</u> aggucguggg <u>uu</u> c.....	2	0	s23
.....a <u>auccga</u> aggucguggg <u>uu</u> A.....	3	1	s23
.....a <u>uccga</u> aggucguggg <u>uu</u> c.....	3	0	s23
.....a <u>uccga</u> aggucguggg <u>uu</u> ca.....	1	0	s23
.....Au <u>c</u> auugccgugacuuuac <u>aucuucag</u>	1	1	s52
.....auugccgugacuuuac <u>aucuucag</u> uuccc.....	1	0	s52
.....Au <u>u</u> aac <u>aucuucag</u> uuccca <u>cgccug</u> cucc.....	1	1	s52
.....a <u>uc</u> uucag <u>uuccca</u> cgccugcucccg.....	2	0	s52
.....Au <u>ccca</u> cgccugcucccg.....	1	1	s52
.....a <u>cggccug</u> cucccgucugac.....	1	0	s52
.....auagcucagucag <u>uagagcggcg</u> gagAu.....	1	1	s52
.....a <u>gcggcg</u> gaggu <u>cu</u> aaCccg.....	2	1	s52
.....a <u>gcggcg</u> gaggu <u>cu</u> aaCccgaaggucguggg <u>u</u>	1	1	s52
.....Aguc <u>ua</u> a <u>uccga</u> aggucgugg.....	1	1	s52
.....a <u>auccga</u> aggucguggg <u>u</u>	14	0	s52
.....a <u>auccga</u> aggucguggg <u>uu</u>	1	0	s52
.....a <u>auccga</u> aggucguggg <u>uu</u> ca.....	1	0	s52
.....a <u>auccga</u> aggucguggg <u>uu</u> cU.....	1	1	s52
.....a <u>uccga</u> aggucguggg <u>uu</u>	10	0	s52
.....a <u>uccga</u> aggucguggg <u>uu</u> A.....	1	1	s52
.....a <u>uccga</u> aggucguggg <u>uu</u> c.....	13	0	s52
.....a <u>uccga</u> aggucguggg <u>uu</u> A.....	2	1	s52
.....a <u>uccga</u> aggucguggg <u>uu</u> ca.....	16	0	s52
.....a <u>uccga</u> aggucguggg <u>uu</u> cU.....	3	1	s52