



Star

5 -	uaaacaaggaauuacacaa <u>uu</u> aa <u>uu</u> uaacaguuacuuucguguuu <u>aa</u> cu <u>acc</u> aa <u>ca</u> guaauugua <u>aa</u> uuuacuguaauuuuuuacacuuugcaaguugagau <u>ga</u> uu <u>cc</u> uu	-3'	obs	
	uaaacaaggaauuacacaa <u>uu</u> aa <u>uu</u> uaacaguuacuuucguguuu <u>aa</u> cu <u>acc</u> aa <u>ca</u> guaauugua <u>aa</u> uuuacuguaauuuuuuacacuuugcaaguugagau <u>ga</u> uu <u>cc</u> uu		exp	
	.....(((((((.(.(((.(.(((((((((((.(.(((.(.....)))..))))).....)))))).....))))).((((.....)))..)).....	reads	mm	sample
	.....uuuaauuuacaguuacuauu.....	1	0	s02
	.....uuuaauuuacaguuacuauucgu.....	16	0	s02
	.....uuuaauuuacagCuacuauucgu.....	4	1	s02
	.....uuuaauuuacaguuacuauucgC.....	5	1	s02
	.....uuuaauuuacaguuacuGuucgu.....	3	1	s02
	.....aCuauuuuacaguuacuauucgu.....	2	1	s02
	.....uuuaauGuacaguuacuauucgug.....	1	1	s02
	.....uuuaauuuacaguuacuauucguA.....	5	1	s02
	.....uuuaauuuacaguuacuGuucgug.....	2	1	s02
	.....uuuaauuuacaguuacuauucguU.....	7	1	s02
	.....uuuaauuuacaguuacuauucgug.....	32	0	s02
	.....uuuaauuuacagCuacuauucgug.....	1	1	s02
	.....uuuaauuuacaguuacuauucgCgu.....	1	1	s02
	.....uuuaaAuuaacaguuacuauucgugu.....	1	1	s02
	.....uuuaauuuacaguuacuauucgugC.....	3	1	s02
	.....uuuaauuuacaguuGcuauucgugu.....	1	1	s02
	.....uuuaauuuacaguuacuauucguAu.....	1	1	s02
	.....uuuaauuuacaguuacuauucgugu.....	8	0	s02
	.....uuuaauuuacaguuacuauucg.....	4	0	s02
	.....uuuaauuuacaguuacuauucgA.....	2	1	s02
	.....uuuaauuuacaguuacuauucgC.....	10	1	s02
	.....uuuaauuuacaguuacuGuucgu.....	1	1	s02
	.....uuuaauuuacaguuacuauucgu.....	22	0	s02
	.....uuuaauuuacaguuacuauucCu.....	1	1	s02
	.....uuuaauuuacaguuacuauuUgu.....	1	1	s02
	.....Auuaauuuacaguuacuauucgug.....	1	1	s02
	.....uuuaauuuacaguuacuauucgGg.....	1	1	s02
	.....uuuaauuuacaguuacuauucguA.....	3	1	s02
	.....uuuaauuuacaguuacuGuucgug.....	15	1	s02
	.....uuuaauuuacaguuacuauucguU.....	4	1	s02
	.....uuuaauuuacaguuacuauucgug.....	29	0	s02
	.....uuuaauuuacaguuacuauucgugu.....	4	0	s02
	.....uuuaauuuacaguuacuauucgu.....	25	0	s02

Mature

Star

uaaacaaggaaauacacaa <u>uu</u> aa <u>uuu</u> acaguuacuauu <u>cg</u> uuu <u>aa</u> cu <u>cc</u> aa <u>c</u> aguu <u>aa</u> u <u>gu</u> aaaa <u>uu</u> acugua <u>aa</u> uuuuuacacuu <u>g</u> ca <u>ag</u> u <u>g</u> aga <u>g</u> au <u>cc</u> uu			
.....uaauuuacaguuGcuauu <u>cg</u>	1	1	s02
.....uaauuuacaguuacuauu <u>cg</u> C.....	4	1	s02
.....uaauuuacaguuacuG <u>u</u> u <u>cg</u>	2	1	s02
.....uaauuuacGguuacuauu <u>cg</u>	1	1	s02
.....uaauuuacaguuacuauu <u>cg</u> g.....	19	0	s02
.....uaauuuacaguuacuauu <u>cg</u> U.....	2	1	s02
.....Aaauuuacaguuacuauu <u>cg</u> g.....	1	1	s02
.....uaauuuacaguuacuG <u>u</u> u <u>cg</u> g.....	2	1	s02
.....uaauuuacaguuacuauu <u>cg</u> gC.....	2	1	s02
.....uaauuuacaguuacuauu <u>cg</u> gu.....	2	0	s02
.....uuuaacuac <u>cc</u> aa <u>c</u> aguuGauu <u>g</u> uaauuuuac.....	1	1	s02
.....uuuaacuac <u>cc</u> aa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaauuuuac.....	10	0	s02
.....uuuaacuac <u>cc</u> aa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaauuuu <u>aa</u> U.....	1	1	s02
.....uuuaacuac <u>cc</u> aa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaGauuuuac.....	1	1	s02
.....uuuaacuac <u>cc</u> aa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaauuuuac.....	1	1	s02
.....ccaa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaauuuuacC.....	3	1	s02
.....ccaa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaauuuuacu.....	3	0	s02
.....caacG <u>g</u> ua <u>aa</u> uu <u>g</u> uaauuuuacu.....	2	1	s02
.....caacaguu <u>aa</u> uu <u>g</u> uaauuuuacG.....	2	1	s02
.....caacaguu <u>aa</u> uu <u>g</u> uaauuuuacu.....	4	0	s02
.....caacaguu <u>aa</u> uu <u>g</u> uaauuuuacA.....	1	1	s02
.....caacaguu <u>aa</u> uu <u>g</u> uaauuuuacC.....	1	1	s02
.....aacaguu <u>aa</u> uu <u>g</u> uaauuuuacC.....	3	1	s02
.....aacaguu <u>aa</u> uu <u>g</u> uaauuuuacu.....	10	0	s02
.....aacaguu <u>aa</u> uu <u>g</u> uaauuuuacA.....	1	1	s02
.....auuaauuuacaguuacuauu <u>cg</u>	2	0	s05
.....auuaauuuacaguuacuauu <u>cg</u> g.....	4	0	s05
.....auuaauuuacaguuacuauu <u>cg</u> uA.....	1	1	s05
.....auuaauuuacaguuacuauu <u>cg</u> gu.....	1	0	s05
.....uuuaauuuacaguuG <u>c</u> uauu <u>cg</u> g.....	1	1	s05
.....uuuaauuuacaguuacuG <u>u</u> u <u>cg</u> g.....	1	1	s05
.....uuuaauuuacaguuacuauu <u>cg</u> g.....	3	0	s05
.....uaauuuacaguuacuG <u>u</u> u <u>cg</u>	2	1	s05
.....uaauuuacaguuacuauu <u>cg</u>	4	0	s05
.....uaauuuacaguuacuauu <u>cg</u> uA.....	1	1	s05
.....uaauuuacaguuacuG <u>u</u> u <u>cg</u> g.....	1	1	s05
.....uuuaacuac <u>cc</u> aa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaauuuuac.....	2	0	s05
.....auuaauuuacaguuacuauu <u>cg</u> g.....	1	0	s16
.....Uuuauuuacaguuacuauu <u>cg</u> g.....	1	1	s16
.....uuuaauuuacaguuacuauu <u>cg</u> C.....	1	1	s16
.....uuuaacuac <u>cc</u> aa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaauuuuac.....	1	0	s16
.....uuuaauuuacaguuacuauu <u>cg</u> C.....	1	1	s18
.....uaauuuacaguuacuauu <u>cg</u>	1	0	s18
.....auuaauuuacaguuacuauu <u>cg</u>	1	0	s08
.....auuaauuuacaguuacuauu <u>cg</u> g.....	5	0	s08
.....Cuuaauuuacaguuacuauu <u>cg</u> g.....	1	1	s08
.....auuaauuuacaguuacuauu <u>cg</u> gC.....	1	1	s08
.....auuaauuuacaguuacuauu <u>cg</u> gu.....	1	0	s08
.....uuuaauuuacaguuacuG <u>u</u> u <u>cg</u>	3	1	s08
.....uuuaauuuacaguuacuauu <u>cg</u>	1	0	s08
.....uuuaauuuacaguuacuauu <u>cg</u> Cg.....	1	1	s08
.....uuuaauuuacaguuacuauu <u>cg</u> uU.....	1	1	s08
.....uuuaauuuacaguuacuG <u>u</u> u <u>cg</u> g.....	3	1	s08
.....uuuaauuuacaguuacuauu <u>cg</u> guuu.....	1	0	s08
.....Aaauuuacaguuacuauu <u>cg</u> g.....	1	1	s08
.....auuaauuuacaguuacuauu <u>cg</u>	4	0	s19
.....auuaauuuacaguuacuauu <u>cg</u> g.....	3	0	s19
.....uuuaauuuacaguuacuauu <u>cg</u>	2	0	s19
.....uuuaauuuacaguuacuG <u>u</u> u <u>cg</u> g.....	1	1	s19
.....uaauuuacaguuacuauu <u>cg</u>	1	0	s19
.....uaauuuacaguuacuauu <u>cg</u>	2	0	s19
.....uaauuuacaguuacuauu <u>cg</u> C.....	1	1	s19
.....ccaa <u>c</u> aguu <u>aa</u> uu <u>g</u> uaauuuuacC.....	1	1	s19
.....caacaguu <u>aa</u> uu <u>g</u> uaauuuuacu.....	1	0	s19
.....aacaguu <u>aa</u> uu <u>g</u> uaauuuuacu.....	4	0	s19

Mature

Star

uaaacaaggaaauacacaauuaauuuacagguuacuauucguuuuaauacuacuccuacaguaauguuaauuacuguuaauuuuuacucuuugcaagugagauuccuu

.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	0	s14
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	0	s14
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cgC.....	1	1	s12
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	11	0	s12
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	8	0	s12
.....auuaaCuua <u>u</u> acaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s12
.....auuaauuuGcaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s12
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> U.....	1	1	s12
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> A.....	1	1	s12
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	3	0	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cgG.....	1	1	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	14	0	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cgC.....	3	1	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> U.....	1	1	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	14	0	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> A.....	1	1	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> C.....	1	1	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cgCg.....	1	1	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	0	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> A.....	1	1	s12
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> C.....	1	1	s12
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cgG.....	1	1	s12
.....Aaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s12
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	3	0	s12
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cgC.....	2	1	s12
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	2	0	s12
.....uuuaGcuaccaacaguaauuguaaa <u>u</u> uuac.....	1	1	s12
.....uuuaacuaccaacaguaauuguaaa <u>u</u> uuac.....	4	0	s12
.....aacaguaauuguaaa <u>u</u> uuacu.....	1	0	s12
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	2	0	s09
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	2	0	s13
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	0	s13
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cgC.....	2	1	s13
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cgU.....	1	1	s13
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	0	s13
.....auuaauuuacaguuGcu <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s07
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> U <u>u</u>	1	1	s07
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	13	0	s07
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s07
.....Cuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s07
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	2	0	s07
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> U.....	3	1	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> CA.....	1	1	s07
.....uuuaauuuacaCuua <u>u</u> acua <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s07
.....uuuaauuuGcaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	2	1	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cgC.....	10	1	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	9	1	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	45	0	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cgG.....	2	1	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> U <u>u</u>	1	1	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	16	0	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> A.....	3	1	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> U.....	1	1	s07
.....uuuaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s07
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u>	7	0	s07
.....uaauuuacCguuacua <u>u</u> u <u>u</u> cg <u>u</u>	1	1	s07
.....uaauuuacaguuacua <u>u</u> u <u>u</u> cg <u>u</u> U.....	1	1	s07
.....uuuaacuaccaacaguaauuguaaa <u>u</u> uuac.....	7	0	s07
.....ccaacagugauuguaaa <u>u</u> uuacu.....	1	1	s07
.....ccaacaguaauuguaaa <u>u</u> uuacu.....	1	0	s07
.....caacaguaauuguaaa <u>u</u> uuacA.....	1	1	s07
.....caacaguaauuguaaa <u>u</u> uuacu.....	1	0	s07
.....aacaguaauuguaaa <u>u</u> uuacu.....	1	0	s07
.....auuaauuuacaguuacua <u>u</u> u <u>u</u> cg.....	2	0	s03

Mature

Star

uaacaaggaaauacacaa <u>uuuuuuacaguuacuauucguguuuuacua</u> cc <u>aacaguaauugua</u> aa <u>uuuacugua</u> aa <u>uuuuuacacuuugcaagu</u> gagau <u>gauuccuu</u>			
.....auuuuuuacaguuacuauucgu.....	1	0	s03
.....auuuuuuacaguuacuauucgug.....	1	0	s03
.....uuuuuuuacaguuacuauucguU.....	1	1	s03
.....uuuuuuuacGguuacuauucgug.....	1	1	s03
.....uuuuuuuacaguuacuauucgu.....	2	0	s06
.....auuuuuuacaguuacuGuucgug.....	1	1	s06
.....auuuuuuacaguuacuauucguU.....	2	1	s06
.....uuuuuuuacaguuacuauucgu.....	5	0	s06
.....uuuuuuacaguuacuauucgC.....	2	1	s06
.....uuuuuuuacaguuacuauucgug.....	3	0	s17
.....uuuuuuuacaguuacuauucgug.....	1	0	s17
.....uuuuuuuacaguuacuauucgC.....	2	1	s17
.....uuuuuuuacaguuacuauucgu.....	5	0	s10
.....aCuuuuuuacaguuacuauucgug.....	1	1	s10
.....uuuuuuuacaguuacuauucgug.....	6	0	s10
.....uuuuuuuacaguuacuaCucgug.....	2	1	s10
.....uuuuuuuacaguuacuGuucgug.....	1	1	s10
.....uuuuuuuacaguuacuauucguA.....	2	1	s10
.....uuuuuuuacaguuacuauucgCg.....	1	1	s10
.....uuuuuuuacaguuacuauucgC.....	1	1	s10
.....uuuuuuuacaguuacuauucgu.....	1	0	s10
.....uuuuuuuacaguuacuauucgug.....	2	0	s10
.....uuuuuuuacaguuacuauucgugC.....	1	1	s10
.....uuuuuuuacaguuacuauucgug.....	3	0	s10
.....uuuuuuacaguuacuauucgugu.....	1	0	s10
.....ucguguuuuacuaccacaguaauuguaaa.....	1	0	s10
.....uuuacuaccacaguaauuguaaa <u>uuu</u> aU.....	1	1	s10
.....ccaacaguaauuguaaa <u>uuu</u> aC.....	1	1	s10