



	-3'	obs	
		exp	
	reads	mm	sample
guuaugacauugcuacugaguuuu <u>aacg</u> auuc <u>uag</u> uuu <u>aacuuu</u> uuuu <u>uau</u> gguaaa <u>cua</u> aggugguuu <u>aaauc</u> ucaguggc <u>auug</u> aaaa <u>uguca</u> auuuuu <u>agua</u> aaaagggaagu			
.....(((((((((((((((((((((((((((((((((((((.....))))))))).....))))))))).....)))))).....)			
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> uu.....	29	0	s11
.....uuuuGacg <u>auuc</u> uaguuu <u>acu</u> uu.....	1	1	s11
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> C.....	1	1	s11
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> G.....	1	1	s11
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> Cu.....	1	1	s11
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>ac</u> Cuu.....	1	1	s11
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> AA.....	1	1	s11
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> uuC.....	2	1	s11
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> uuU.....	13	1	s11
.....uuuu <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> C.....	1	1	s11
..... <u>aacg</u> auuc <u>uag</u> uuu <u>acu</u> uu.....	1	0	s11
guuaugacauugcuacug.....	9	0	s02
guuaugacauugcuacuga.....	11	0	s02
Auuau <u>gaca</u> uugcuacuga.....	1	1	s02
guuaugacaGugcuacugag.....	1	1	s02
guuaugacGuugcuacugag.....	1	1	s02
guuaugacauugcuacugag.....	36	0	s02
guuaugacauugcuacugaU.....	3	1	s02
.uuau <u>gaca</u> uugcuacuga.....	26	0	s02
.uuau <u>gaca</u> uugcuGcuga.....	1	1	s02
.uuau <u>gaca</u> uugcuacugU.....	2	1	s02
.uuau <u>gaca</u> uugcuacugag.....	85	0	s02
.uuau <u>gaca</u> uGcuacugag.....	1	1	s02
.uuauGcauugcuacugag.....	2	1	s02
.uuau <u>gaca</u> uugcuacGgag.....	2	1	s02
.uuau <u>gaca</u> uugcuacuAag.....	2	1	s02
.uuauUacauugcuacugag.....	1	1	s02
.uuau <u>gaca</u> uugcuacugaA.....	10	1	s02
.uGa <u>u</u> gacauugcuacugag.....	1	1	s02
.uau <u>gaca</u> uugcuacGgag.....	1	1	s02
.uau <u>gaca</u> uugcuacugag.....	12	0	s02
.uau <u>gaca</u> uugcuacugaA.....	1	1	s02

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guuaugacauugcuacugaguuuaacgauucuauguuuacuuuaauuuuauugguaaacuaagagugguuaaaucucaguggc auugaaauugucauuuuuaguaaaaggaagu			
.uuauugacauugcuacuga.....	1	0	s12
.uauugacauugcuacugag.....	9	1	s12
.uuauugacauugcuacugaC.....	1	1	s12
. .Auugacauugcuacugag.....	4	1	s12
.....uuuuuacgauucuauguuuacu.....	22	0	s12
.....uuuuuacgauucuaugCuuacu.....	1	1	s12
.....uuuuuacgauucuauguuuuGcu.....	3	1	s12
.....uuuuuacgauucuauguuuuacC.....	6	1	s12
.....uuuuuacgauucuauguuuuacCu.....	1	1	s12
.....uuuuuacgauucuauguuuuacuC.....	1	1	s12
.....uuuuuacgauucuauguuuuacu.....	42	0	s12
.....uuuuuacgauucuauguuuacuGu.....	16	1	s12
.....Cuuuuacgauucuauguuuuacu.....	8	1	s12
.....uuuuuacgauuAuaguuuacu.....	1	1	s12
.....uuuuuacgGuucuauguuuacu.....	3	1	s12
.....uuuuuacgaCucuauguuuacu.....	7	1	s12
.....uuuuAuacgauucuauguuuacu.....	1	1	s12
.....uuuCaacgauucuauguuuacu.....	1	1	s12
.....uuuuuacAuucuauguuuacu.....	1	1	s12
.....uuuuuacgauucuauguuuuUcu.....	1	1	s12
.....uuuuUacgauucuauguuuacu.....	1	1	s12
.....uuuuuacgauucuauguuuuGcu.....	8	1	s12
.....uuuuuacgauucuauguuuGacu.....	1	1	s12
.....uuuuuacgauucuauguuuuacCu.....	2	1	s12
.....uuuuuacgauucuauguuuuAu.....	1	1	s12
.....uuuuuacgauCcuaguuuacu.....	7	1	s12
.....uuuuuacgauucuauguuuuacAu.....	3	1	s12
.....uuuuuacgauucuauguuuuacu.....	744	0	s12
.....Auuuuacgauucuauguuuuacu.....	1	1	s12
.....uuuuuacgauucuauguuCa.....	2	1	s12
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.....uuuuuacgauucuauguuuuacu.....	100	1	s12
.....uuuuuacgauucuauguAuacu.....	1	1	s12
.....uuuuuacgauucuauguuAu.....	1	1	s12
.....uuuuuacgauucAuaguuuacu.....	1	1	s12
.....uuuuuacgauucGaguuuacu.....	2	1	s12
.....uGuuuuacgauucuauguuuacu.....	1	1	s12
.....uuuuuacgauuUuaguuuacu.....	1	1	s12
.....uuuuuacgauucUguuuuacu.....	1	1	s12
.....uuuuGacgauucuauguuuuacu.....	3	1	s12
.....uCuuuacgauucuauguuuuacu.....	2	1	s12
.....uuuuuacgauucuauguGuacu.....	1	1	s12
.....uuuuuacgauucuaAuuuuacu.....	1	1	s12
.....uuuuuacgauucCaguuuuacu.....	2	1	s12
.....uuCuauacgauucuauguuuuacu.....	3	1	s12
.....uuuuuacgauucCuuuuacu.....	2	1	s12
.....uuuuuacgauucuaUuuuacu.....	2	1	s12
.....uuuuuacgauucuauguuuuacuA.....	4	1	s12
.....uuuuuacgauucuaugCuuacu.....	5	1	s12
.....Guuuuacgauucuauguuuuacu.....	1	1	s12
.....uuuuuacgauucuauguuuuacuG.....	6	1	s12
.....uuuuuacgauucuauguuuuacGu.....	4	1	s12
.....uuuuuacgauGcuaguuuacu.....	1	1	s12
.....uuuuuacgauucuauguuuuacuCu.....	2	1	s12
.....uuuuuacgauucuaugGuacu.....	4	1	s12
.....uuuuuacgauucuauguCuacu.....	4	1	s12
.....uuuuuacgauucCuuguuuuacu.....	1	1	s12
.....uuuuuacgauucuaugAuacu.....	1	1	s12
.....uuuuGcgauucuauguuuuacu.....	3	1	s12
.....uuuuuacgauucuauguuuuacu.....	8	0	s12
.....uuuuuacgauucuauguuuuacAu.....	1	1	s12
.....uuuuuacgauucuauguuuuacu.....	62	1	s12
.....uuuuuacgauucuauguuuuacuG.....	10	1	s12
.....uuuuuacgauucuauguuuuacu.....	918	1	s12
.....uuuuUcgauucuauguuuuacu.....	1	1	s12
.....uuuuuacgauucuauguuuuacuCa.....	1	1	s12
.....uuuuuacgauCcuaguuuacu.....	1	1	s12
.....uuuuuacgauucuauguuuuacu.....	31	1	s12
.....uuuuuacgauucuauguuuuacu.....	3	0	s12
.....uuuuuacgauucuauguuuuacu.....	1	0	s12

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guuaugacauugcuacugaguuuuuacgaaucuauguuuacuuuuuuuauugguaaacuaagaggguuaaaucucaguggcgaugaaaugucauuuuuaguaaaaggaagu			
.....uuuuuacgaaucuauguuuacuuA.....	3	1	s10
.....uuuuuacgaaucuauguCuacuuu.....	1	1	s10
.....uuuuuacAauucuauguuuacuuu.....	1	1	s10
.....uuuuuacgaaucuauguuuacuuG.....	2	1	s10
.....uuuuuacgaaucuauguuuacuuu.....	374	0	s10
.....uuuuuacgaaucuauguGacuuu.....	1	1	s10
.....uuuuuacgaaucuauguAuaacuuu.....	3	1	s10
.....uuuuuacgaaucuauguuuGcuuu.....	1	1	s10
.....uuuuuacgaaucuauguuuacuuu.....	1	1	s10
.....uuuuuGcgaaucuauguuuacuuu.....	1	1	s10
.....uuuuuacgaaucuauguuuacuuuC.....	31	1	s10
.....uuuuuacgaaucuauguuuacuuuU.....	369	1	s10
.....uuuuuacgaaucuauguuuacuuua.....	7	0	s10
.....uuuuuacgaaucuauguuuacuuuUu.....	8	1	s10
.....uuuuuacgaaucuauguuuacuuu.....	2	0	s10
.....uuuacgaaucuauguuuacuuuUu.....	1	1	s10
.....uuuacgaaucuauguuuacuuuuuC.....	1	1	s10
.....uuuacgaaucuauguuuacuuuuuu.....	1	0	s10
.....uuacgaaucuauguuuacuuu.....	3	0	s10
.....acgaaucuauguuuacuuuU.....	1	1	s10
.....gguaaacuaagaggguuaaaucu.....	1	0	s10
guuaugacauugcuacugag.....	1	0	s16
.uuauugacauugcuacugag.....	1	0	s16
.uuauugacauugcuacugag.....	2	0	s16
.....uuuuuacgaaucuauguuuacC.....	1	1	s16
.....uuuuuacgaaucuauguuuacuu.....	3	0	s16
.....uuuuuacgaaucuauguuuacuuC.....	12	1	s16
.....uuuuuacgaaucuauguuuacuuu.....	126	0	s16
.....uuuuuAagaaucuauguuuacuuu.....	1	1	s16
.....Cuuuuacgaaucuauguuuacuuu.....	1	1	s16
.....uuuGaacgaaucuauguuuacuuu.....	1	1	s16
.....uuuuuacgaaucuauguuuacuuG.....	1	1	s16
.....uuuuuacgaaucCaguuuacuuu.....	1	1	s16
.....uuuuuacgaaucuaugGuuacuuu.....	1	1	s16
.....uuuuuacgaaucuauguuuacGu.....	3	1	s16
.....uuuuuacUauucuauguuuacuuu.....	1	1	s16
.....uuuuuacgaaucuauguuuacCu.....	1	1	s16
.....uuuuuacgaaucuauguCuacuuu.....	1	1	s16
.....uuuuuacgaaucuauguuuacuuGa.....	1	1	s16
.....uuuuuacgaaucuauguuuacuuua.....	2	0	s16
.....uuuuuacgaaucuauguuuacuuuU.....	152	1	s16
.....uuuuuacgaaucuauguuuacuuuC.....	6	1	s16
.....uuuuuacgaaucuauguuuacAuu.....	1	1	s16
.....uuuuuacgaaucuauguuuacuuuG.....	2	1	s16
.....uuuuuacgaaucuauguuuacuuuCu.....	1	1	s16
.....uuuuuacgaaucuauguuuacuuuUu.....	4	1	s16
.....uuuuuacgaaucuauguuuacuuuuu.....	3	0	s16
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.....aacgaaucuauguuuacuuu.....	1	0	s16
.....Cuauuuuuuagguaaacuaagaggguuaaa.....	1	1	s16
.....uuuuuacgaaucuauguuuacuuu.....	4	0	s04
.....uuCuaacgaaucuauguuuacuuu.....	1	1	s04
uuauugacauugcuacugag.....	4	0	s08
.uuauugacauugcuacugag.....	1	0	s08
.....uuuuuacgaaucuauguuuacu.....	6	0	s08
.....uuuuuacgaaucuauguuuacC.....	1	1	s08
.....uuuuuacgaaucuauguuuacuu.....	11	0	s08
.....uuuuuacgaaucuauguuuacuC.....	1	1	s08
.....uuuuuacgaaucGcuaguuuacuuu.....	1	1	s08
.....uuCuaacgaaucuauguuuacuuu.....	1	1	s08
.....uuuuuacgaaucuauguCuacuuu.....	2	1	s08
.....uuuuuacgaaucuauguuuacGuu.....	1	1	s08
.....Cuuuuacgaaucuauguuuacuuu.....	1	1	s08
.....uuuuuacgaaucuauguuuacuGu.....	3	1	s08
.....uuuuuGcgaaucuauguuuacuuu.....	2	1	s08
.....uuuuuacgaaucGguuuacuuu.....	1	1	s08
.....Auuuuacgaaucuauguuuacuuu.....	4	1	s08

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guuaugacauugcuacugaguuuuuacgauucuauguuuacuuaauuuuauugguaaacuaagauugguuaaaucucaguggcgaugaaaugucaauuuuuaguaaaaggaagu			
.....uuuuuacgauucuauguuuacuuc.....	21	1	s08
.....uuuuuacgauucuaagCuuacuuu.....	3	1	s08
.....uuuuGacgauucuauguuuacuuu.....	1	1	s08
.....uuuuuacgauucuauguuuacuuu.....	184	0	s08
.....uuuuuacgauucuauguuuacuuiuG.....	2	1	s08
.....uuuuuacgauucuauguuuacuuiuC.....	25	1	s08
.....uuuuuacgauucuauguuuacuuiuA.....	3	0	s08
.....uuuuuacgauucuauguuuacuuiuU.....	198	1	s08
.....uuuuuacgauucuauguuuacuuiuCu.....	1	1	s08
.....uuuuuacgauucuauguuuacuuiuUu.....	7	1	s08
.....uuuuuacgauucuauguuuacuuiuau.....	1	0	s08
.....uuuacgauucuauguuuacuuu.....	1	0	s08
.....uuuacgauucuauguuuacuuiu.....	1	0	s08
.....uuuacgauucuauguuuacuAu.....	1	1	s08
.....uuuacgauucuauguuuacuuiuC.....	1	1	s08
.....aacgauucuauguuuacuuiu.....	1	0	s08
.....gguaaacuaagauugguuaaaucu.....	2	0	s08
guuaugacauugcuacug.....	1	0	s07
guAaugacauugcuacug.....	1	1	s07
guuaugacauugcuacuga.....	1	0	s07
guAaugacauugcuacuga.....	1	1	s07
guAaugacauugcuacugag.....	24	1	s07
guuaugacauugcuacugag.....	24	0	s07
guuaugacauugcuacugaA.....	1	1	s07
.uuauugacauugcuacuga.....	1	0	s07
.uuuAagacauugcuacugag.....	1	1	s07
.uuauugacauugcuauUugag.....	1	1	s07
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.uAaugacauugcuacugag.....	26	1	s07
.uuauugacauugcuacugaU.....	2	1	s07
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.uauugacauugcuacugaU.....	1	1	s07
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.....Cuuuuacgauucuauguuuacuuiu.....	2	1	s07
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.....uuuuuacgauucuauguuuacu.....	20	0	s07
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.....uuuuuacgauucCaguuuacu.....	1	1	s07
.....uuuuuacgauucuauguuuacuGu.....	1	1	s07
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.....Cuuuuacgauucuauguuuacuuiu.....	1	1	s07
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.....uuuuuacgauucuauguuuacuG.....	1	1	s07
.....uuuuuacgauucCuguuuacuuiu.....	1	1	s07
.....uuuuuacgauucuauguuuacuuc.....	4	1	s07
.....uuuuuacgauucuauguuuacuCu.....	6	1	s07
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.....uuuuuacgaGucuaguuuacuuiu.....	1	1	s07
.....uuuuuacgauucuauguuuacuGu.....	18	1	s07
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.....uuuuuacgGuucuauguuuacuuiu.....	3	1	s07
.....uuuuuacgauucuaagAuuaacuuiu.....	2	1	s07
.....uuuuuacgauucuauguuuacuuaA.....	3	1	s07
.....uAuuuacgauucuauguuuacuuiu.....	2	1	s07
.....uuuuuacgaCucuaguuuacuuiu.....	2	1	s07
.....uuuuuacUauucuauguuuacuuiu.....	4	1	s07
.....uuuuGacgauucuauguuuacuuiu.....	1	1	s07
.....uuuuuacgauucuauguuuacuuiuG.....	16	1	s07
.....uuuuuacgauucuauguuuuAuuu.....	1	1	s07
.....uuuuuacgauGcuaguuuacuuiu.....	1	1	s07
.....uuuuuacgauucUguuuacuuiu.....	1	1	s07
.....uuuuuacgauCcuaguuuacuuiu.....	5	1	s07
.....Auuuuacgauucuauguuuacuuiu.....	6	1	s07
.....uuuuuacgauucuauguuuacuuiuC.....	107	1	s07
.....uuuuuacgauucuauguuuGacuuiu.....	2	1	s07
.....uuuuuacgauucuauguuuacuGu.....	1	1	s07
.....uuuuuacgauucuauguuuGcuuiu.....	5	1	s07

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guuaugacauugcuacugaguuuuacgaaucuauguuuacuuuaauuuuagguaaacuaagagguuuaaaucucaguggcauugaaaaugucaauuuuaguaaaaggaagu			
.....uuuuuacgaaucuauguuuacAu.	2	1	s07
.....uuuuuGcgaaucuauguuuacuuu.	9	1	s07
.....uuuuuacgaaucuauguGuacuuu.	1	1	s07
.....uuuuuacgaaucuauguuCaauuu.	1	1	s07
.....uuuuuacgaaucuuGguuuacuuu.	3	1	s07
.....uuuuuacgaaucuauguuuacuCu.	1	1	s07
.....uuuuuacGgaaucuauguuuacuuu.	2	1	s07
.....uuuuuacgaaucuaGguuacuuu.	8	1	s07
.....uuuuuacgaaucuauguuuacuuu.	1136	0	s07
.....uuuuuacgaaucuaGcuuacuuu.	1	1	s07
.....uuuuuacgaaucuaGguuuacuuu.	1	1	s07
.....uuuCaacgaaucuauguuuacuuu.	1	1	s07
.....uuuuuacgaaucuauguuuacuAu.	1	1	s07
.....Cuuuuacgaaucuauguuuacuuu.	1	1	s07
.....uCuuuacgaaucuauguuuacuuu.	2	1	s07
.....uuuuuacgaaucuauguuuacuuu.	1	1	s07
.....Guuuuacgaaucuauguuuacuuu.	2	1	s07
.....uuuuuacgaaucuauguuuacuAua.	1	1	s07
.....uuuuuacgaaucuauguuuacuuu.	20	0	s07
.....uuuuuacgaaucuauguuuacuuu.	1	1	s07
.....uuuuuacgaaucuauguuuacuuuCu.	86	1	s07
.....uuuuuacgaaucuauguuuacuG.	1	1	s07
.....uuuuuacgaaucuauguuuacuG.	9	1	s07
.....uuuuuacgaaucuauguuuacuU.	1074	1	s07
.....uuuuuacUauucuauguuuacuuu.	1	1	s07
.....uuuuuacgaaucuauguuuacuUu.	58	1	s07
.....uuuuuacgaaucuauguuuacuua.	5	0	s07
.....uuuuuacgaaucuauguuuacuua.	14	0	s07
.....uuuuuacgaaucuauguuuacuuaAu.	1	1	s07
.....Guuuuacgaaucuauguuuacuua.	1	1	s07
.....uuuuuacgaaucuauguuuacu.	3	0	s07
.....uuuuuacgaaucuauguuuacuU.	1	1	s07
.....uuuuuacgaaucuauguuuacuUu.	1	1	s07
.....uuuacgaaucuauguuuacu.	1	0	s07
.....uuuacgaaucuauguuuacu.	4	0	s07
.....uuuacgaaucuaGcuuacuuu.	1	1	s07
.....uuuacgaaucuauguuuacu.	3	0	s07
.....uuuacgaaucuauguuuacuU.	1	1	s07
.....uuuacgaaucuauguuuacuua.	2	0	s07
.....uuuacgaaucuauguuuacuua.	2	0	s07
.....uuuacgaaucuauguuuacuuaC.	1	1	s07
.....uuuacgaaucuauguuuacuua.	1	0	s07
.....acgaaucuauguuuacu.	1	0	s07
.....uuuuuacgaaucuauguuuacu.	1	0	s07
.....uuuuuacgaaucuauguuuacu.	1	1	s07
guuaugacauugcuacug.	1	0	s09
guuaugacauugcuacuga.	1	0	s09
..uugacauugcuacugag.	4	0	s09
.....uuuuuacgaaucuauguuuacu.	11	0	s09
.....uuuuGacgaaucuauguuuacu.	1	1	s09
.....uuuuuacgaaucuauguuuacu.	3	0	s09
.....uuuuuacgaaucuauguuuacu.	63	0	s09
.....Auuuuacgaaucuauguuuacu.	1	1	s09
.....Cuuuuacgaaucuauguuuacu.	1	1	s09
.....uuuuuacgaaucCaguuuacu.	3	1	s09
.....uuuuuacgaaucuaGuacu.	2	1	s09
.....uuuuuacgaaucuauguuuacuC.	4	1	s09
.....uuuuuacgaaucuauguuuacuC.	3	1	s09
.....uuuuuacgaaucuauguuuacuU.	70	1	s09
.....uuuuuacgaaucuauguuuacuG.	1	1	s09
.....uuuuuacgaaucuauguuuacuUu.	3	1	s09
.....uuuuuacgaaucuauguuuacuua.	1	1	s09
.....uuuuuacgaaucuauguuuacu.	1	0	s09
.....uuuacgaaucuauguuuacuC.	2	1	s09
.....uuuacgaaucuauguuuacuuaugg.	1	0	s09
guuaugacauugcuacuga.	1	0	s03
.....uuuuuacgaaucuaGuacu.	1	1	s03
.....uuuuuacgaaucuauguuuacuC.	1	1	s03

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