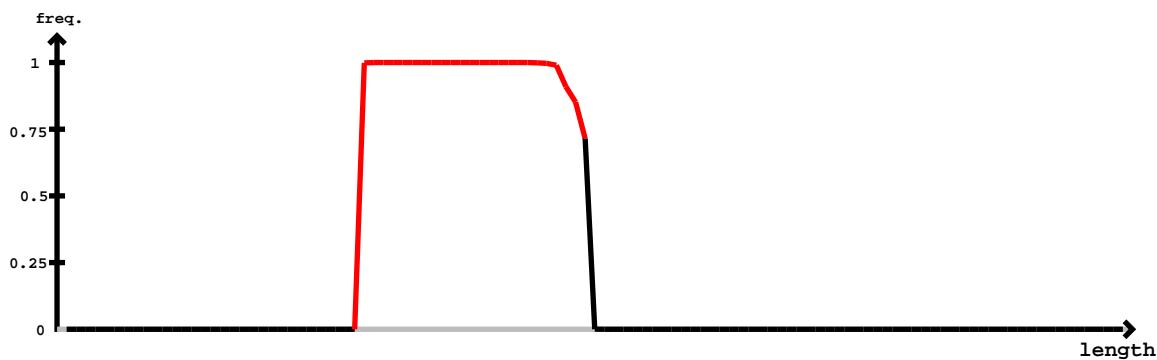
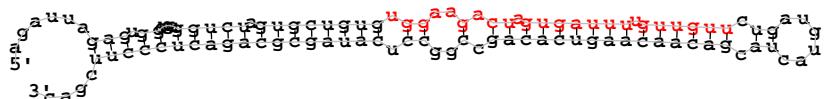


miRBase precursor : hsa-mir-7-3
 Total read count : 94986
 hsa-miR-7-5p read count : 94986
 remaining reads : 0



hsa-miR-7-5p

5'	-3'	exp	reads	mm	sample
.....		1	1	z1_-
.....		14	0	z1_-
.....		21	0	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		37	0	z1_-
.....		9	1	z1_-
.....		1	1	z1_-
.....		2	1	z1_-
.....		73	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		1	1	z1_-
.....		3	1	z1_-
.....		1	1	z1_-
.....		4	1	z1_-
.....		1	1	z1_-
.....		9	1	z1_-
.....		1	1	z1_-
.....		3	1	z1_-
.....		3	1	z1_-
.....		2	1	z1_-
.....		2	1	z1_-
.....		5	1	z1_-
.....		5	1	z1_-
.....		3	1	z1_-
.....		850	0	z1_-
.....		4	1	z1_-
.....		2	1	z1_-
.....		2	1	z1_-
.....		3	1	z1_-

agauuuagaguggcuguggcugacuagugcugug <u>uggaagacuaguguguuuuuuuuuu</u> cugauguacuacgacaacaagucacagccggccucauagcgcagacucccuucgcac	2	1	z1_-
.....uggaagacuag <u>Agaaaaauuuuu</u>	1	1	z1_-
.....uggaagacuag <u>ugauuuuu</u>	7	1	z1_-
.....ugg <u>Uagacuagugauuuuu</u>	2	1	z1_-
.....ugg <u>Gcacuagugauuuuu</u>	3	1	z1_-
.....ugg <u>gaagGcuagugauuuuu</u>	5	1	z1_-
.....ugg <u>gaagacuagugauuuuuG</u>	7	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	3	1	z1_-
.....ugg <u>gaagacuagugauuuuuU</u>	5	1	z1_-
.....ugg <u>gaaga<u>U</u>uagugauuuuu</u>	1	1	z1_-
.....ugg <u>gaacuag<u>C</u>gauuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagugauuuuuA</u>	28	1	z1_-
.....ugg <u>Uagacuagugauuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagug<u>G</u>uuumuu</u>	2	1	z1_-
.....ugg <u>Gcacuagugauuuuu</u>	3	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	577	0	z1_-
.....ugg <u>gaacuag<u>U</u>guuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	1	1	z1_-
.....Ag <u>gaacuagugauuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagugau<u>C</u>uuuu</u>	2	1	z1_-
.....ugg <u>gaacuagugauuuuu<u>C</u></u>	6	1	z1_-
.....ugg <u>gaacuagu<u>A</u>auuuuu</u>	1	1	z1_-
.....ugg <u>gaacuGu<u>G</u>guuuuu</u>	2	1	z1_-
.....ugg <u>gaacuagugauuuuu<u>A</u>guuu</u>	1	1	z1_-
.....ugg <u>gaacuagugauuuuu<u>C</u>guuu</u>	6	1	z1_-
.....Cgg <u>aagacuagugauuuuu</u>	2	1	z1_-
.....ugg <u>agac<u>C</u>agguuuuu</u>	4	1	z1_-
.....ugg <u>gaacuagu<u>U</u>auuuuu</u>	1	1	z1_-
.....ugg <u>Uacuagugauuuuu</u>	2	1	z1_-
.....ugg <u>gaacuag<u>g</u>auuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	2	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	3	1	z1_-
.....ugg <u>Gacuagugauuuuu</u>	3	1	z1_-
.....ugg <u>Gacuagugauuuuu</u>	3	1	z1_-
.....Ag <u>gaacuagugauuuuu</u>	4	1	z1_-
.....ugg <u>gaacuagugauuuuu<u>A</u>uuu</u>	1	1	z1_-
.....ugg <u>gaag<u>U</u>uagugauuuuu</u>	1	1	z1_-
.....ugg <u>Uacuagugauuuuu</u>	1	1	z1_-
.....ugg <u>gaac<u>C</u>agguuuuu</u>	1	1	z1_-
.....ugg <u>gaag<u>U</u>cuagugauuuuu</u>	4	1	z1_-
.....ugg <u>gaagG<u>C</u>uagugauuuuu</u>	15	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	101	1	z1_-
.....ugg <u>gaacuaguga<u>U</u>uuuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	1	1	z1_-
.....ugg <u>gaac<u>A</u>cuagugauuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	22	1	z1_-
.....ugg <u>gaacuag<u>C</u>gauuuuu</u>	7	1	z1_-
.....ugg <u>gaacuaguga<u>C</u>uuuuuu</u>	3	1	z1_-
.....ugg <u>gaac<u>A</u>acuagugauuuuu</u>	1	1	z1_-
.....ugg <u>Gacuagugauuuuu</u>	7	1	z1_-
.....u <u>Ag</u> gaacuagugauuuuu	2	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	6	1	z1_-
.....ugg <u>gaacuagugau<u>Gu</u>uuuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	2	1	z1_-
.....ug <u>A</u> agacuagugauuuuu	1	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	6	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	1	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	2	1	z1_-
.....ug <u>A</u> agacuagugauuuuu	1	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	6	1	z1_-
.....ugg <u>gaacu<u>U</u>gugauuuuu</u>	2	1	z1_-
.....ugg <u>gaacuagug<u>Gu</u>uuuuuu</u>	6	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	6	1	z1_-
.....ugg <u>gaacuaguga<u>U</u>uuuuuu</u>	4	1	z1_-
.....ugg <u>gaacuaguga<u>C</u>uuuuuu</u>	2	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	1303	0	z1_-
.....ugg <u>Gcacuagugauuuuu</u>	3	1	z1_-
.....ugg <u>gaacu<u>G</u>gugauuuuu</u>	2	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	2	1	z1_-
.....ugg <u>gaacacu<u>U</u>gugauuuuu</u>	9	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	8	1	z1_-
.....Cgg <u>aacuagugauuuuu</u>	4	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	1	1	z1_-
.....ugg <u>gaac<u>C</u>gugauuuuu</u>	44	1	z1_-
.....ugg <u>gaacuagugauuuuu</u>	1	1	z1_-

agauuuagaguggcuguggcuagugcugug <u>uggaagacuaguguguuuuuuuuuu</u> ug <u>gaugua</u> cua <u>cgaca</u> aca <u>agu</u> ca <u>cgccggcc</u> u <u>caugcgc</u> ag <u>acucccuiucgac</u>	48	1	z1_-
..... <u>uggaagacuaguga</u> C <u>uuuuuguuuu</u>	45	1	z1_-
..... <u>uggaagacuagugauuuu</u> U <u>guuu</u>	12	1	z1_-
..... <u>uggaaga</u> U <u>ugugauuuuuuuuu</u>	9	1	z1_-
..... <u>uggaagacuaguga</u> A <u>uuuuuguuuu</u>	2	1	z1_-
..... <u>uggaagacuagugauuuuuuuuu</u>	9534	0	z1_-
..... <u>uggaagacuaguguguu</u>	3	1	z1_-
..... <u>uggaagacuagugauuuuuuu</u>	2	1	z1_-
..... <u>uggaagacuaguguguuuugAuguu</u>	67	1	z1_-
..... <u>uggaagacuugugauuuuuugGuguu</u>	6	1	z1_-
..... <u>uggaagacuagugugauuuuuugGuuu</u>	9	1	z1_-
..... <u>Cggaa</u> ga <u>acuagugauuuuuugGuuu</u>	68	1	z1_-
..... <u>uggaagacA</u> agugauuuuuugGuuu.....	5	1	z1_-
..... <u>uggaagacuagugugauuuu</u> G <u>guuu</u>	1	1	z1_-
..... <u>uggaagacua</u> U <u>uguuuuugGuuu</u>	1	1	z1_-
..... <u>uggaagacuagugugauAuuugGuuu</u>	11	1	z1_-
..... <u>ugUaagacuagugauuuuuugGuuu</u>	4	1	z1_-
..... <u>uggCagacuagugauuuuuugGuuu</u>	1	1	z1_-
..... <u>uggaagacuagAgauuuuuugGuuu</u>	3	1	z1_-
..... <u>uggGagacuagugauuuuuugGuuu</u>	63	1	z1_-
..... <u>uggaGacuagugauuuuuugGuuu</u>	53	1	z1_-
..... <u>uggaagacua</u> A <u>ugauuuuuugGuuu</u>	11	1	z1_-
..... <u>uggaagacuagugauuuuuugC</u> guuu.....	37	1	z1_-
..... <u>uggaagacuagugauuuuuugu</u> Cguuu.....	21	1	z1_-
..... <u>uggaagacuagugauuuuuugGu</u>	11	1	z1_-
..... <u>uCggaa</u> ga <u>acuagugauuuuuugGuuu</u>	1	1	z1_-
..... <u>uggaagacuagugugauCuuuuuguu</u>	46	1	z1_-
..... <u>uggaagacG</u> agugauuuuuugGuuu.....	7	1	z1_-
..... <u>AggaagacuagugauuuuuugGuuu</u>	22	1	z1_-
..... <u>uggaagacuagugauu</u> C <u>uuuuuguu</u>	35	1	z1_-
..... <u>ugAaagacuagugauuuuuugGuuu</u>	13	1	z1_-
..... <u>uggaagacuagugauuuuuuguG</u>	29	1	z1_-
..... <u>uggaa</u> gCc <u>uagugauuuuuugGuuu</u>	1	1	z1_-
..... <u>uggaagacuagugGuuuuuugGuuu</u>	59	1	z1_-
..... <u>uggaagacuagugauuuuuugGuC</u>	689	1	z1_-
..... <u>uggaagacuagugauuuuuuguAguu</u>	10	1	z1_-
..... <u>uggUagacuagugauuuuuugGuuu</u>	7	1	z1_-
..... <u>uggaagacuagugauu</u> A <u>guuu</u>	1	1	z1_-
..... <u>uggaagacuagugauu</u> G <u>guuu</u>	3	1	z1_-
..... <u>Gggaa</u> ga <u>acuagugauuuuuugGuuu</u>	2	1	z1_-
..... <u>uggaagacuagugauuuuuAuuuguu</u>	6	1	z1_-
..... <u>ugga</u> U <u>gacuagugauuuuuugGuuu</u>	9	1	z1_-
..... <u>uggaagG</u> cuagugauuuuuugGuuu.....	58	1	z1_-
..... <u>uggaagacuagG</u> gauuuuuugGuuu.....	5	1	z1_-
..... <u>uUgaa</u> gacuagugauuuuuugGuuu.....	9	1	z1_-
..... <u>uggaagacuG</u> gugauuuuuugGuuu.....	41	1	z1_-
..... <u>uggaagU</u> cuagugauuuuuugGuuu.....	5	1	z1_-
..... <u>uggaagacuagugauuuu</u> A <u>guuu</u>	9	1	z1_-
..... <u>uggaagacuagugauuuuuuguu</u> U <u>uuu</u>	2	1	z1_-
..... <u>uggaagacuagu</u> C <u>auuuuuugGuuu</u>	1	1	z1_-
..... <u>uAgaagacuagugauuuuuugGuuu</u>	18	1	z1_-
..... <u>uggaagacuagugauuuuuugGu</u> C <u>u</u>	47	1	z1_-
..... <u>uggaa</u> U <u>acuagugauuuuuugGuuu</u>	2	1	z1_-
..... <u>uggaa</u> Ag <u>acuagugauuuuuugGuuu</u>	2	1	z1_-
..... <u>uggaagacuagugauuuuuugGuugAu</u>	1	1	z1_-
..... <u>uggaagacuC</u> gugauuuuuugGuuu.....	2	1	z1_-
..... <u>uggaagacuagugauuuuuugGuu</u>	1	1	z1_-
..... <u>uggaa</u> A <u>acuagugauuuuuugGuuu</u>	9	1	z1_-
..... <u>uggaagacuagugauuuuuugGuuguA</u>	169	1	z1_-
..... <u>uggaC</u> gacuagugauuuuuugGuuu.....	37	1	z1_-
..... <u>uggaagacuagugauuuuuugGuuuuc</u>	2	0	z1_-
..... <u>uggaagacuagugauuuuuugGuuguA</u>	5	1	z1_-
..... <u>UgaagacuagugauuuuuugGuug</u>	1	1	z1_-
..... <u>ggaa</u> gacuagugauuuuuugGuuu.....	1	0	z1_-
..... <u>UgaagacuagugauuuuuugGuug</u>	2	1	z1_-
..... <u>UgaagacuagugauuuuuugGuuu</u>	6	1	z1_-
..... <u>gaagacuagugauuuuuugGuuu</u>	1	0	z1_-
..... <u>uggaagacuagugauuuC</u>	1	1	z2_-

agauuuagaguggcuguggcugacuagugcuguguggaagacuaguagugauuuuuuguu <u>cugauguacuacgacaacaagucacagccggccucauagcgccagacucccuucgcac</u>	1	1	z2_
.....uggaagacuauAuggauuu.....	11	0	z2_
.....uggaagacuagu <u>gauuuuuA</u>	1	1	z2_
.....uggaagacuagu <u>gauuuuuug</u>	28	0	z2_
.....uggaagacuagu <u>gauuuuuAg</u>	3	1	z2_
.....ugga <u>U</u> gacuagu <u>gauuuuuug</u>	1	1	z2_
.....uggaagacuagu <u>gauuuuuugC</u>	9	1	z2_
.....uggaagacuagu <u>gauuuuuugG</u>	1	1	z2_
.....ugg <u>A</u> gacuagu <u>gauuuuuug</u>	1	1	z2_
.....uggaagacuagu <u>gauuuuuugA</u>	2	1	z2_
.....uggaagacuagu <u>gauuuuuugu</u>	107	0	z2_
.....ugga <u>G</u> acuagu <u>gauuuuuugu</u>	4	1	z2_
.....uggaagacuagu <u>gauGuugu</u>	1	1	z2_
.....Cggaagacuagu <u>gauuuuuugu</u>	10	1	z2_
.....ugga <u>ag</u> G <u>cuagu</u> gauuuuuugu.....	2	1	z2_
.....uggaagacuagu <u>gauuuuuugCu</u>	6	1	z2_
.....uggaagacuagu <u>gauuuuuuguG</u>	8	1	z2_
.....uggaagacu <u>G</u> gu <u>gauuuuuugu</u>	3	1	z2_
.....uggaagacuagu <u>gauGuugu</u>	4	1	z2_
.....uggaagacuagu <u>gauuuuuugu</u>	1	1	z2_
.....uggaagacuagu <u>gauuuuuugu</u>	1	1	z2_
.....uggaa <u>U</u> acuagu <u>gauuuuuugu</u>	1	1	z2_
.....uggaagacuagu <u>Cgauuuuuugu</u>	6	1	z2_
.....u <u>C</u> gaa <u>gacuagu</u> gauuuuuugu.....	1	1	z2_
.....uggaagacuagu <u>gauGuugu</u>	5	1	z2_
.....Agga <u>agacuagu</u> gauuuuuugu.....	2	1	z2_
.....uggaagacuagu <u>gauuuuuuguA</u>	13	1	z2_
.....uggaagacuagu <u>gGuuuuuugu</u>	6	1	z2_
.....ugga <u>agac</u> A <u>guuuuuugu</u>	1	1	z2_
.....ugga <u>G</u> acuagu <u>gauuuuuugu</u>	13	1	z2_
.....uggaagacuagu <u>gauAuugu</u>	1	1	z2_
.....ugg <u>G</u> acuagu <u>gauuuuuugu</u>	8	1	z2_
.....u <u>Ag</u> aa <u>gacuagu</u> gauuuuuugu.....	2	1	z2_
.....uggaagacuagu <u>gauGuuuuuugu</u>	4	1	z2_
.....ug <u>U</u> a <u>gacuagu</u> gauuuuuugu.....	1	1	z2_
.....uggaagacuagu <u>gauuuuuugGu</u>	3	1	z2_
.....uggaagacuagu <u>gauuuuuuCguu</u>	3	1	z2_
.....uggaagacuagu <u>gauuuuuugu</u>	2	1	z2_
.....uggaagacuagu <u>gauuuuuuguC</u>	63	1	z2_
.....uggaagacuagu <u>gauuuuuugu</u>	1073	0	z2_
.....uggaa <u>A</u> acuagu <u>gauuuuuugu</u>	1	1	z2_
.....ugga <u>agac</u> C <u>agu</u> gauuuuuugu.....	4	1	z2_
.....Agga <u>agacuagu</u> gauuuuuuguug.....	2	1	z2_
.....ugga <u>aga</u> U <u>gacuagu</u> gauuuuuuguug.....	3	1	z2_
.....ugga <u>agac</u> C <u>agu</u> gauuuuuuguug.....	2	1	z2_
.....uggaa <u>A</u> acuagu <u>gauuuuuuguug</u>	1	1	z2_
.....ugga <u>agacuagu</u> gauuuuuuguug.....	3	1	z2_
.....Cgga <u>agacuagu</u> gauuuuuuguug.....	11	1	z2_
.....ugga <u>agacuagu</u> Agauuuuuuguug.....	1	1	z2_
.....ugg <u>C</u> acuagu <u>gauuuuuuguug</u>	1	1	z2_
.....ugga <u>agacuagu</u> gauuuuuuguA.....	52	1	z2_
.....ugga <u>agacuagu</u> gauuuuuugu <u>Cug</u>	9	1	z2_
.....ugg <u>G</u> acuagu <u>gauuuuuuguug</u>	6	1	z2_
.....ugga <u>agacuagu</u> gauuuuuuguug.....	13	1	z2_
.....ugga <u>agacuagu</u> g <u>Ca</u> uuuuuuuguug.....	6	1	z2_
.....ugga <u>agac</u> A <u>agu</u> gauuuuuuguug.....	2	1	z2_
.....ugga <u>agacuagu</u> gauuuuuuCguuug.....	3	1	z2_
.....ugg <u>U</u> ag <u>acuagu</u> gauuuuuuguug.....	5	1	z2_
.....ugga <u>agacuagu</u> g <u>Gu</u> uuuuuuuguug.....	3	1	z2_
.....ugga <u>agacuagu</u> gauuuuuuguug.....	2	1	z2_
.....ugga <u>agacuagu</u> gauuuuuugu <u>C</u>	13	1	z2_
.....ugga <u>agacuagu</u> gauuuuuuguug.....	1169	0	z2_
.....ugga <u>agacuagu</u> gauuuuuugu <u>U</u>	3	1	z2_
.....u <u>Ag</u> aa <u>gacuagu</u> gauuuuuuguug.....	3	1	z2_
.....ugga <u>agacuagu</u> gauuuuuAuug.....	1	1	z2_
.....ugga <u>ag</u> G <u>cuagu</u> gauuuuuuguug.....	9	1	z2_
.....ugg <u>U</u> acuagu <u>gauuuuuuguug</u>	1	1	z2_
.....ugga <u>agacuagu</u> g <u>Gu</u> uuuuuuuguug.....	3	1	z2_
.....ugga <u>agacuagu</u> gauuuuuuguug.....	3	1	z2_

agauuuagaguggcuguggcugucuagugcugug <u>uggaagacaguagugauuuuuuuuuuu</u> cugauguacuacgacaacaagucacagccggccucauagcgcagacucccuucgac	6	1	z2_
.....uggaagacaguagugauuuuuuuuuCg.....	4	1	z2_
.....uggaagacacuUggugauuuuuuuug.....	7	1	z2_
.....ugAaagacaguagugauuuuuuuugu.....	13	1	z2_
.....uggaagacaguagugaCuuuuugu.....	12	1	z2_
.....uggaagacaguaguAuuuuuuugu.....	3	1	z2_
.....uggaaAacuagugauuuuuuuugu.....	2	1	z2_
.....uggaagaUuagugauuuuuuuugu.....	1	1	z2_
.....uggaagacaguaguuuuuuuuugu.....	1	1	z2_
.....uggaagacacuUugauuuuuuuugu.....	3	1	z2_
.....uggUagacaguagauuuuuuuugu.....	6	1	z2_
.....uggaagacaguagugauCuuugu.....	20	1	z2_
.....uggaagacaguagugauuuuuuuugA.....	41	1	z2_
.....uggaagUcuagugauuuuuuuugu.....	1	1	z2_
.....uggaagacaguagugauuuuuuuugC.....	205	1	z2_
.....uggaagacaguaguuuuuuuuuU.....	1	1	z2_
.....uggaagacAagugauuuuuuuugu.....	1	1	z2_
.....Gggaagacaguagugauuuuuuuugu.....	3	1	z2_
.....uggaagaGuagugauuuuuuuugu.....	2	1	z2_
.....uggaagacaguagugauuuuuuuugG.....	12	1	z2_
.....uggaagacaguagugauuuuuugAugu.....	1	1	z2_
.....uggaagacaguagugauuuuuugGugu.....	2	1	z2_
.....uggaagacaguagugauuuuuuuugu.....	2695	0	z2_
.....uggaagacaguagugauAuuugu.....	5	1	z2_
.....uggaagacacuAAugauuuuuugu.....	5	1	z2_
.....uggaUgacuagugauuuuuuuugu.....	4	1	z2_
.....uggaagacaguagugauuuuuCguu.....	23	1	z2_
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.....uggaagacaguagAgaauuuuuugu.....	5	1	z2_
.....Cggaagacaguagugauuuuuugu.....	9	1	z2_
.....uggaagacacuGgugauuuuuugu.....	13	1	z2_
.....uggaagacacuUggugauuuuuugu.....	12	1	z2_
.....uggaagacCagugauuuuuugu.....	6	1	z2_
.....uggaagacaguagugauuuuuuuAu.....	3	1	z2_
.....uggCagacuagugauuuuuugu.....	1	1	z2_
.....uggaagacaguagugauuuuuugCgu.....	13	1	z2_
.....ugUaagacuagugauuuuuugu.....	1	1	z2_
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.....uggCagacuagugauuuuuugu.....	1	1	z2_
.....uggaagacacuAAugauuuuuugu.....	9	1	z2_
.....uggaagacacuugugauuuuuugu.....	41	1	z2_
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.....uggaagacCagugauuuuuugu.....	62	1	z2_
.....uggaaAacuagugauuuuuugu.....	13	1	z2_
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.....uggUagacuagugauuuuuugu.....	5	1	z2_
.....uggaagGcuagugauuuuuugu.....	62	1	z2_
.....uggaagacaguagugauuuuuuguAu.....	5	1	z2_
.....uggaagacaguagugaCuuuuugu.....	49	1	z2_
.....uggaagacaguagugauuAugu.....	6	1	z2_
.....uggaagacaguagugauuuuuugu.....	47	1	z2_
.....Gggaagacaguagugauuuuuugu.....	5	1	z2_
.....uggaagacaguagugauCuuugu.....	73	1	z2_
.....uggaagacaguagugauuCguu.....	94	1	z2_
.....uggaagaUuagugauuuuuugu.....	7	1	z2_
.....uggadgacuagugauuuuuugu.....	74	1	z2_
.....uggaagacaguagugauuuuuuguGu.....	16	1	z2_
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.....uggaagacuaguagugauuuuuuguuu	11	1	z2_
.....uggaagacuaguagugauuuuuuguuu	2	1	z2_
.....uggaagacuaguagugauuuuuAuuuguu.	21	1	z2_
.....uggaagacuagGgauuuuuuguuu	3	1	z2_
.....uggaaCacuaguagauuuuuuguuu	1	1	z2_
.....uggaagacuaguagugauGuuguuu	8	1	z2_
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.....uggaagaGuagugauuuuuuguuu	1	1	z2_
.....uggaagacuaguagugauuuuuuguuu	7	1	z2_
.....uggaagacuaguagauuuuuuguuuAuu.	15	1	z2_
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.....uggaagacuaguaguuuuuguAguuu	18	1	z2_
.....uggaUgacuaguagauuuuuuguuu	12	1	z2_
.....uggaagacuUgugauuuuuuguuu	19	1	z2_
.....uggaagacuaguagauuuuGguuuu	4	1	z2_
.....Cggaagacuaguagauuuuuuguuu	54	1	z2_
.....uggaagacuaguagauuuuuugCguuu	56	1	z2_
.....uAggaagacuaguagauuuuuuguuu	21	1	z2_
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.....uggaagacuaguagauuuuuugugCu	64	1	z2_
.....uggaagacuaguGuuuuuuguuu	57	1	z2_
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.....Aggaagacuaguagauuuuuuguuu	43	1	z2_
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.....uggaagacGagugauuuuuuguuu	4	1	z2_
.....uUgaagacuaguagauuuuuuguuu	6	1	z2_
.....uggaagacuaguagAauuuuuuguuu	4	1	z2_
.....uggaagacuAgAauuuuuuguuu	5	1	z2_
.....uggaagacuaguaguuuuuguuuUuu	2	1	z2_
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.....uggaagacuaUgaguuuuuuguuu	2	1	z2_
.....ugAaagacuaguagauuuuuuguuu	22	1	z2_
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.....uggaagUcuaguagauuuuuuguuu	12	1	z2_
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.....uggaagacuaguUauuuuuuguuu	2	1	z2_
.....uggaagacuaguagauuuuuuguuuA	18	1	z2_
.....ggaagacuaguagauuuuuugu	6	0	z2_
.....Ugaagacuaguagauuuuuuguuu	1	1	z2_
.....ggaagacuaguagauuuuuuguuu	2	0	z2_
.....Ugaagacuaguagauuuuuuguuu	23	1	z2_
.....ggaagacuaguagauuuuuuguuu	4	0	z2_
.....Uuggaagacuaguagauuuuuuguuu	6	1	GDM
.....Uuggaagacuaguagauuuuuuguuu	1	1	GDM
.....uggaagacuaguagauuuu	58	0	GDM
.....uggaagacuaguaguuC	5	1	GDM
.....uggaagacuaguugaCuuu	1	1	GDM
.....uggaagacuaguauG	1	1	GDM
.....uggaagGcuaguagauuuu	2	1	GDM
.....uggaagacCaguaguuuu	1	1	GDM
.....uggaagacuGuugauuuu	58	0	GDM
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.....uggaagacuaguaguuuu	58	0	GDM
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.....uggaagacuaguaguuC	5	1	GDM
.....uggaagacuaguaguCu	1	1	GDM
.....Aggaagacuaguagauuuug	1	1	GDM
.....uggaagacuaguaguuuA	2	1	GDM
.....uggaagacuaguaguuuA	2	1	GDM
.....uggaagacuaguaguuuug	107	0	GDM

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.....uggaagacuagugauuuCug.	1	1	GDM
.....uggGagacuagugauuuug.	1	1	GDM
.....uggaGgacuagugauuuug.	6	1	GDM
.....uggaagacuagugauuuugu.	359	0	GDM
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.....uggaagacuagugauuuuggG.	1	1	GDM
.....uggaagacuagugauuuugC.	19	1	GDM
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.....uggaagacuagugauuuuUu.	1	1	GDM
.....uggaagacuagugGuuuuugu.	3	1	GDM
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.....uggaagacuagugauuuuugu.	359	0	GDM
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.....uggaagacuUugugauuuugu.	6	1	GDM
.....uggaUgacuagugauuuugu.	4	1	GDM
.....uggaagacuagugauuuugCu.	21	1	GDM
.....uggaCgacuagugauuuugu.	13	1	GDM
.....uggaagacuagGuuuuugu.	23	1	GDM
.....uggaagacuagugauuuugA.	1	1	GDM
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.....uggaagacuagugauuuuguL.	71	1	GDM
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.....uggaagacCagugauuuugu.	15	1	GDM
.....uggaagacuUugugauuuugu.	6	1	GDM
.....uggaagacuagugauuuugu.	3563	0	GDM
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.....uggaagacuagugGuuuuugu.	23	1	GDM
.....Aggaagacuagugauuuugu.	12	1	GDM
.....uggaagacuagGuuuuugu.	23	1	GDM
.....uggaagacuagugauuuuAguu.	1	1	GDM
.....uggaaAacuagugauuuugu.	5	1	GDM
.....uggaagacuagugauuuuAuu.	3	1	GDM
.....uggaagacuagugauuuuAuu.	9	1	GDM
.....uggaagacuagugauuuuAuu.	3	1	GDM
.....Cggaagacuagugauuuugu.	17	1	GDM
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.....uggGagacuagugauuuugu.	20	1	GDM
.....ugAaagacuagugauuuugu.	5	1	GDM
.....uggaagacuagugauuuCguu.	8	1	GDM
.....uggaagacuagugauuuCguu.	8	1	GDM

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.....uggaGgacuagugauuuuuuguu..	8	1	GDM
.....uggaagacuagugauuuuuuguu..	22	1	GDM
.....Aggaagacuagugauuuuuuguu..	12	1	GDM
.....Cggaagacuagugauuuuuuguu..	17	1	GDM
.....uggaagacuagugauCuuuguu..	26	1	GDM
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.....uggGagacuagugauuuuuuguu..	20	1	GDM
.....uggaagacuagugauuuuuuguC..	244	1	GDM
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.....uggaGgacuagugauuuuuuguu..	22	1	GDM
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.....uggaagacuagCgauuuuuuguu..	10	1	GDM
.....uggUagacuagugauuuuuuguu..	3	1	GDM
.....uAgaagacuagugauuuuuuguu..	10	1	GDM
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.....uggaagacuagugauuuuuuguG..	20	1	GDM
.....uggaCgacuagugauuuuuuguu..	13	1	GDM
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.....uggaagacuagugauuuuugCu..	21	1	GDM
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.....ugAaagacuagugauuuuuuguu..	5	1	GDM
.....uggaagacuCugugauuuuuuguu..	3	1	GDM
.....uggaagGcuagugugauuuuuuguu..	24	1	GDM
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.....uggaagacuagugauuuuugGu..	1	1	GDM
.....Aggaagacuagugauuuuuuguu..	12	1	GDM
.....uggaagacuagugauCuuuguu..	26	1	GDM
.....uggaagacuagugaCuuuuguu..	24	1	GDM
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.....uggaagacuagugauuuuuuguA..	71	1	GDM
.....uggaagacuagugauuuuuuguu..	2	1	GDM
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.....uggaagGcuagugugauuuuuugug..	7	1	GDM
.....uggaagacuagCgauuuuuuguug..	11	1	GDM
.....uggaagacuagugauuuuuuguCg..	14	1	GDM

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.....ug <u>U</u> aagacuagu <u>G</u> uuuuuuguu.....	3	1	GDM
.....ugg <u>G</u> agacuagu <u>G</u> uuuuuuguu.....	11	1	GDM
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.....ugga <u>Ag</u> acuagu <u>G</u> uuuuuuguu.....	7	1	GDM
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.....uggaagacuagu <u>A</u> uuuuuuguu.....	2273	0	GDM
.....u <u>A</u> gaagacuagu <u>A</u> uuuuuuguu.....	3	1	GDM
.....ugga <u>A</u> agacuagu <u>A</u> uuuuuuguu.....	6	1	GDM
.....uggaagacuagu <u>A</u> uuuuuuguu.....	2273	0	GDM
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.....uggaagacuagu <u>Cguug</u>	13	1	GDM
.....uggaagacuagu <u>Cguug</u>	12	1	GDM
.....uggaagacuagu <u>G</u> uuuuuuguu.....	12	1	GDM
.....uggaagacuagu <u>G</u> uuuuu <u>Cguug</u>	13	1	GDM
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.....uggaagacuagu <u>G</u> uuuuu <u>Cguug</u>	128	1	GDM
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.....uggaagacuagu <u>A</u> uuuuuuguu.....	2	1	GDM
.....uggaagacuagu <u>C</u> uuuuuuguu.....	7	1	GDM
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.....uggaagacuagu <u>C</u> uuuuuuguu.....	7	1	GDM
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.....Ag <u>ga</u> agacuagu <u>A</u> uuuuuuguu.....	7	1	GDM
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.....uggaagacuagu <u>U</u> uuuuu <u>Gguug</u>	1	1	GDM
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.....ugg <u>G</u> acuagu <u>G</u> uuuuuuguu.....	15	1	GDM
.....uggaagacuagu <u>G</u> uuuuu <u>Gguug</u>	1	1	GDM
.....uggaagacu <u>C</u> gu <u>G</u> uuuuuuguu.....	1	1	GDM
.....ugga <u>Ag</u> ac <u>A</u> gu <u>G</u> uuuuuuguu.....	6	1	GDM
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.....ugg <u>G</u> ac <u>G</u> gu <u>G</u> uuuuuuguu.....	5	1	GDM
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.....ugga <u>Ag</u> ac <u>G</u> gu <u>G</u> uuuuuuguu.....	14	1	GDM
.....ugg <u>G</u> ac <u>G</u> gu <u>G</u> uuuuuuguu.....	4	1	GDM
.....ugga <u>Ag</u> ac <u>G</u> gu <u>G</u> uuuuuuguu.....	2	1	GDM
.....ugga <u>Ag</u> ac <u>G</u> gu <u>G</u> uuuuuuguu.....	2	1	GDM
.....ugga <u>Ag</u> ac <u>G</u> gu <u>G</u> uuuuuuguu.....	15	1	GDM
.....ugga <u>Ag</u> ac <u>G</u> gu <u>G</u> uuuuuuguu.....	13	1	GDM
.....ugga <u>Ag</u> ac <u>G</u> gu <u>G</u> uuuuuuguu.....	11	1	GDM
.....C <u>gg</u> agacuagu <u>G</u> uuuuuuguu.....	4	1	GDM
.....ugg <u>G</u> agacuagu <u>G</u> uuuuuuguu.....	11	1	GDM
.....ug <u>A</u> a <u>Ag</u> acuagu <u>G</u> uuuuuuguu.....	1	1	GDM
.....ugga <u>Ag</u> acu <u>G</u> gu <u>G</u> uuuuuuguu.....	8	1	GDM

agauuuagaguggcuguggcuaugcugug <u>uggaagacuaguguguuuuuguuuu</u> cugauguacuacgacaacaagucacagccggccucauagcgcagacucccuucgac	11	1	GDM
.....uggaagacuag <u>Cgauuuuuugug</u>	4	1	GDM
.....ugga <u>Ugacuagugauuuuuugug</u>	9	1	GDM
.....u <u>Agaa</u> gac <u>Cagugauuuuuugug</u>	3	1	GDM
.....u <u>Agaa</u> gac <u>Agacuauuuuuugug</u>	1	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	8	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	2	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	1	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	128	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	5	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	6	1	GDM
.....Ag <u>gaagacuauuuuuugug</u>	7	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	13	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	128	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	12	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	4	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	8	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	2	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	33	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	23	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	17	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	16	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	6	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	9	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	18	1	GDM
.....uggaagac <u>AgacuauuuuuAuugu</u>	5	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	31	1	GDM
.....uggaagac <u>Agacuauuuuuugug</u>	25	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	45	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	5	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	26	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	5	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	5276	0	GDM
.....ugga <u>Agacuauuuuuugug</u>	5276	0	GDM
.....ugga <u>Agacuauuuuuugug</u>	1	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	17	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	419	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	4	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	136	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	1	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	25	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	5	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	27	1	GDM
.....Ag <u>gaagacuauuuuuugug</u>	11	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	23	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	3	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	3	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	31	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	23	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	1	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	3	1	GDM
.....ugg <u>Gagacuauuuuuugug</u>	33	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	3	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	19	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	37	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	23	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	5	1	GDM
.....ugg <u>Gagacuauuuuuugug</u>	33	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	419	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	3	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	45	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	26	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	9	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	26	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	2	1	GDM
.....u <u>Agaagacuauuuuuugug</u>	8	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	2	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	16	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	37	1	GDM
.....ugga <u>Agacuauuuuuugug</u>	2	1	GDM

agauuuagaguggcuguggcugacuagugcugug <u>uggaagacuaguguguuuuuuuuuuuu</u> cugauguacuacgacaacaagucacagccggccucauagcgcagacucccuucgac	23	1	GDM
.....uggaagacuagugauuuCguuuuu.....	9	1	GDM
.....uggaagacGagugauuuuuuuuu.....	4	1	GDM
.....uggaagacauAgauuuuuuuuu.....	4	1	GDM
.....uggaagacauAgAuuuuuuuuu.....	33	1	GDM
.....uggaagacauugGuuuuuuuuu.....	27	1	GDM
.....ugAaagacuagugauuuuuuuuu.....	4	1	GDM
.....uggaagacauaguUauuuuuuuuu.....	2	1	GDM
.....uggaagacGagugauuuuuuuuu.....	9	1	GDM
.....Aggaagacuagugauuuuuuuuu.....	11	1	GDM
.....uggUagacuagugauuuuuuuuu.....	5	1	GDM
.....uggaagacauaguAauuuuuuuuu.....	3	1	GDM
.....uggUagacuagugauuuuuuuuu.....	5	1	GDM
.....uggaagacauugugauuuuuuu.....	33	1	GDM
.....uggGagacuagugauuuuuuu.....	33	1	GDM
.....uggaagGcuagugauuuuuuu.....	19	1	GDM
.....uggaagacauugGuuuuuuuu.....	27	1	GDM
.....uggaagacauugugauuuuuuu.....	31	1	GDM
.....uggaagacGagugauuuuuuu.....	136	1	GDM
.....uggaaUacuagugauuuuuuu.....	2	1	GDM
.....uggaagacauugugauuuuuuuugG	23	1	GDM
.....uggaagacuUugugauuuuuuu.....	9	1	GDM
.....uggaagacauugugauuGguu.....	2	1	GDM
.....uggaagacauugugauuuuuuu.....	136	1	GDM
.....uggaagacauugugauuuuuugCgu	37	1	GDM
.....uggaagacauugugauuuuuugC	419	1	GDM
.....uggaagacauugugauuuuuuuAu	4	1	GDM
.....uggUagacuagugauuuuuuu.....	5	1	GDM
.....uggaagGcuagugauuuuuuu.....	19	1	GDM
.....uggaagacauugugauuuuuugAgu	3	1	GDM
.....uggaagacauugugauuuuuAguu	9	1	GDM
.....uggaagacauugugauGuuguu.....	1	1	GDM
.....Cggaaagacuagugauuuuuuu.....	34	1	GDM
.....uggaagacauagugauuuuuugAgu	5	1	GDM
.....uggaagacCagugauuuuuuu.....	18	1	GDM
.....uggaagUcuagugauuuuuuu.....	5	1	GDM
.....uggaagaUuagugauuuuuuu.....	2	1	GDM
.....uggaagacuagugaCuuuuuu.....	25	1	GDM
.....uggaGacuagugauuuuuuu.....	45	1	GDM
.....uggaagacuagugaCuuuuuu.....	25	1	GDM
.....uggaagacuagugauuuuuuuAu	4	1	GDM
.....uggaagacauugugauuuuAguu.....	9	1	GDM
.....uggaCacuagugauuuuuuu.....	17	1	GDM
.....uggaagacauugugaAuuuuu.....	2	1	GDM
.....Gggaaagacuagugauuuuuuu.....	1	1	GDM
.....uggaagacauugugauuuuuGguu.....	2	1	GDM
.....Cggaaagacuagugauuuuuuu.....	34	1	GDM
.....uggaagacuagugauuuuuuu.....	5276	0	GDM
.....uCgaagacuagugauuuuuuu.....	2	1	GDM
.....uggaagacuGgugauuuuuuu.....	16	1	GDM
.....ugAaagacuagugauuuuuuu.....	4	1	GDM
.....uggaagacuUugugauuuuuuu.....	9	1	GDM
.....uggaagacuagugauCuuguu.....	25	1	GDM
.....uggaagaGuagugauuuuuuu.....	1	1	GDM
.....uggaagacuagugauuuuuuuCu	1	1	GDM
.....uAgaagacuagugauuuuuuu.....	8	1	GDM
.....uggaagacuagugauCuuguu.....	25	1	GDM
.....uggaagacCagugauuuuuuu.....	18	1	GDM
.....Aggaagacuagugauuuuuuu.....	11	1	GDM
.....uggaagacuagugauAuuuuu.....	4	1	GDM
.....uggaagacuagugauuuuuAguu	5	1	GDM
.....uggaaAacuagugauuuuuuu.....	2	1	GDM
.....uggaagacuagugauuuuAguu.....	6	1	GDM
.....Cggaaagacuagugauuuuuuu.....	34	1	GDM
.....uUgaagacuagugauuuuuuu.....	1	1	GDM
.....uggaagacuagugauuuuuuuGcu	124	1	GDM
.....uggaagacuagugauuuuuAguuu	31	1	GDM
.....uggaagacuagugauuuuuuuA	472	1	GDM
.....uggaagacuagugauuuuuuuA	472	1	GDM

agauuuagaguggcuguggcugacuagugcugug <u>uggaagacaguagugauuuuuuuuuuuuu</u> cugauguacuacgacaacaagucacagccggccucauagcgccagacucccuucgcac	103	1	GDM
.....uggaagacaguagugauuu <u>Cuguuuuuu</u>	4	1	GDM
.....uggaagacaguagugauuuuu <u>GGuuuuuu</u>	29	1	GDM
.....Gggagacaguagugauuuuu <u>GGuuuuuu</u>	9	1	GDM
.....uggaagacaguagugauuuuu <u>Aguuuuuu</u>	31	1	GDM
.....uggaagacaguau <u>UaaaaaaGuuuuuu</u>	3	1	GDM
.....uggaagacu <u>CgugauuuuuGuuuuuu</u>	11	1	GDM
.....uggaagacagu <u>GGuuuuuuuGuuuuuu</u>	115	1	GDM
.....uggaagacau <u>AgauuuuuGuuuuuu</u>	21	1	GDM
.....uggaagacau <u>GguuuuuuuGuuuuuuG</u>	91	1	GDM
.....ugga <u>CgacauagugauuuuuGuuuuuu</u>	88	1	GDM
.....uggaagacau <u>GugauuuuuGuuuuuu</u>	23119	0	GDM
.....uggaagacu <u>GggauuuuuGuuuuuu</u>	85	1	GDM
.....uggaagacau <u>AgugauuuuuGuuuuuu</u>	3	1	GDM
.....uggaaga <u>AuagugauuuuuGuuuuuu</u>	5	1	GDM
.....uggaagacau <u>AgugauuuuuGuuuuuu</u>	24	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Cguuuu</u></u>	85	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Aguuuuuu</u></u>	16	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Aguuuuuu</u></u>	12	1	GDM
.....uggaa <u>AacauagugauuuuuGuuuuuu</u>	24	1	GDM
.....Cggaa <u>AgacauagugauuuuuGuuuuuu</u>	125	1	GDM
.....uggaagacau <u>AgugauuuuuGuuuuuuAu</u>	10	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Gguuuuuu</u></u>	7	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Gguuuuuu</u></u>	8	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Gguuuuuu</u></u>	8	1	GDM
.....ugga <u>UgacauagugauuuuuGuuuuuu</u>	27	1	GDM
.....ugg <u>UgacauagugauuuuuGuuuuuu</u>	18	1	GDM
.....uggaagacau <u>Agugauuuuu<u>GGuuuuuu</u></u>	4	1	GDM
.....u <u>UgaagacauagugauuuuuGuuuuuu</u>	7	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Gguuuuuu</u></u>	104	1	GDM
.....u <u>UgaagacauagugauuuuuGuuuuuu</u>	7	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Gguuuuuu</u></u>	8	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Gguuuuuu</u></u>	104	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Cguuuu</u></u>	85	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Cguuuuuu</u></u>	104	1	GDM
.....ugg <u>UgacauagugauuuuuGuuuuuu</u>	18	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Gguuuuuu</u></u>	11	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Cguuuuuu</u></u>	106	1	GDM
.....uggaagacau <u>AauuuuuGuuuuuu</u>	40	1	GDM
.....uggaagacau <u>AugauuuuuGuuuuuu</u>	25	1	GDM
.....uggaagacau <u>AgauuuuuGuuuuuu</u>	21	1	GDM
.....uggaagacau <u>AgugauuuuuGuuuuuu</u>	31	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Auguuuuu</u></u>	16	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Cguuuuuu</u></u>	103	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Cguuuuuu</u></u>	85	1	GDM
.....ugg <u>GagacauagugauuuuuGuuuuuu</u>	128	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Guuuuuu</u></u>	3	1	GDM
.....ug <u>UagacauagugauuuuuGuuuuuu</u>	2	1	GDM
.....uggaagac <u>CagugauuuuuGuuuuuu</u>	113	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Guuuuuu</u></u>	24	1	GDM
.....uggaagacau <u>UgauuuuuGuuuuuu</u>	13	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Guuuuuu</u></u>	4	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Guuuuuu</u></u>	8	1	GDM
.....u <u>AgaaagacauagugauuuuuGuuuuuu</u>	41	1	GDM
.....ugg <u>GagacauagugauuuuuGuuuuuu</u>	128	1	GDM
.....uggaagac <u>AagugauuuuuGuuuuuu</u>	22	1	GDM
.....uggaa <u>UacuagugauuuuuGuuuuuu</u>	4	1	GDM
.....uggaagacu <u>UgugauuuuuGuuuuuu</u>	16	1	GDM
.....uggaagac <u>AugugauuuuuGuuuuuu</u>	22	1	GDM
.....uggaagacau <u>AgugauuuuuGuuuuuu</u>	115	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Uuuu</u></u>	4	1	GDM
.....uggaagac <u>GagugauuuuuGuuuuuu</u>	17	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Aguuuuu</u></u>	15	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Aguuuuu</u></u>	23119	0	GDM
.....uggaagacau <u>Agugauuuuu<u>Guuuuuu</u></u>	124	1	GDM
.....uggaaga <u>Auagugauuuuu<u>Guuuuuu</u></u>	5	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Guuuuuu</u></u>	4	1	GDM
.....uggaagacu <u>GgugauuuuuGuuuuuu</u>	85	1	GDM
.....uggaagacau <u>Agugauuuuu<u>Aguuuuu</u></u>	31	1	GDM
.....uggaagacau <u>Agugauuuuu<u>CuuuuuuGuuuuuu</u></u>	121	1	GDM

agauuuagaguggcuguggcugacuagugcugug <u>uggaagacaguagugauuuuuuguuuu</u> cugauguacuacgacaacaagucacagccggccucauagcgcagacucccuucgac	148	1	GDM
.....uggaaggGcuagugauuuuuuguuuu.....	16	1	GDM
.....uggaagacuUggugauuuuuuguuuu.....	4	1	GDM
.....uggaagacaguagugauuuuuCuuuguu.....	24	1	GDM
.....uggaaAacuagugauuuuuuguuuu.....	4	1	GDM
.....uggaagacaguagugauuuuuCuuuguu.....	1	1	GDM
.....uggaagacaguagGgauuuuuuguuuu.....	9	1	GDM
.....uggaagacaguagAgauuuuuuguuuu.....	21	1	GDM
.....Cggaagacaguagugauuuuuuguuuu.....	125	1	GDM
.....uggaagacCagugauuuuuuguuuu.....	113	1	GDM
.....uggaagacaguagugauuuuuCuguu.....	106	1	GDM
.....uggaagacacuaAugauuuuuuguuuu.....	25	1	GDM
.....uggaaAacuagugauuuuuuguuuu.....	24	1	GDM
.....uggaagacaguagugauuuuGguuuu.....	7	1	GDM
.....uggaagUcuagugauuuuuuguuuu.....	12	1	GDM
.....uggaagacaguagugauCuuuguu.....	122	1	GDM
.....uggaagacaguagugauuuuuAuguu.....	12	1	GDM
.....uggaagacaguagugauuuuuuguuC.....	1754	1	GDM
.....uggaagacaguagugauuuuuAuuguu.....	21	1	GDM
.....uggaagacaguagugauuGguuuu.....	8	1	GDM
.....uggaagacaguagugauuuuuAguu.....	15	1	GDM
.....uggaagacaguagugauuuuuAuuuguu.....	21	1	GDM
.....uggaagacaguagugauAuuguuu.....	24	1	GDM
.....uggaagacacuaAugauuuuuuguuuu.....	25	1	GDM
.....uggaagacaguagugauuuuuugCuu.....	106	1	GDM
.....uggaaUacuagugauuuuuuguuuu.....	4	1	GDM
.....uggaagacaguAuuuuuuuguuuu.....	40	1	GDM
.....uggaagacuGgugauuuuuuguuuu.....	85	1	GDM
.....uggaagacaguagugauuuuuuguugCu.....	124	1	GDM
.....uGgaagacaguagugauuuuuuguuuu.....	7	1	GDM
.....uggaagacaguagugauuuuuuguugAu.....	10	1	GDM
.....uggaagacaguagugauuuCguuuu.....	140	1	GDM
.....Aggaagacaguagugauuuuuuguuuu.....	57	1	GDM
.....uggaagacuCgugauuuuuuguuuu.....	11	1	GDM
.....uggaagacaguagugaCuuuuu.....	121	1	GDM
.....uAgaagacaguagugauuuuuuguuuu.....	41	1	GDM
.....uggaagGcuagugauuuuuuguuuu.....	148	1	GDM
.....Aggaagacaguagugauuuuuuguuu.....	57	1	GDM
.....uggaUgacuagugauuuuuuguuuu.....	27	1	GDM
.....uggaagUcuagugauuuuuuguuuu.....	12	1	GDM
.....uggaagacCagugauuuuuuguuuu.....	113	1	GDM
.....uggCacuagugauuuuuuguuuu.....	5	1	GDM
.....uggaagacaguagugauuuuuAuuuguu.....	21	1	GDM
.....uggaagacaguagugauuuuCguuuu.....	140	1	GDM
.....uggaagacaguagugauGuuuguuu.....	4	1	GDM
.....uggaCgacuagugauuuuuuguuuu.....	88	1	GDM
.....Aggaagacaguagugauuuuuuguuuu.....	57	1	GDM
.....uggaagaUuagugauuuuuuguuuu.....	21	1	GDM
.....uggaagacaguAuuuuuuuguuuu.....	40	1	GDM
.....uggaagacaguAggauuuuuuguuuu.....	9	1	GDM
.....uggaagacaguugCuuuuu.....	2	1	GDM
.....Gggaagacaguagugauuuuuuguuuu.....	9	1	GDM
.....uggaagacuUggugauuuuuuguuuu.....	16	1	GDM
.....uggaagacaguagugauuuuuuguuu.....	1	1	GDM
.....uggaagacaguagugauuuuCuu.....	140	1	GDM
.....uggaCgacuagugauuuuuuguuuu.....	88	1	GDM
.....uggaagacaguagugauuuuuugAuguu.....	12	1	GDM
.....Gggaagacaguagugauuuuuuguuuu.....	9	1	GDM
.....uggaagacaguagugauuGguuuu.....	8	1	GDM
.....uggaagacGagugauuuuuuguuuu.....	17	1	GDM
.....Cggaagacaguagugauuuuuuguuuu.....	125	1	GDM
.....uggaagacacuaAugauuuuuuguuuu.....	13	1	GDM
.....uggaagacaguagugauuuuuuguugG.....	91	1	GDM
.....uggaagacaguagugGuuuuuu.....	115	1	GDM
.....uAgaagacaguagugauuuuuuguuuu.....	41	1	GDM
.....uggaagacaguagugauuuuuuguugGu.....	31	1	GDM
.....uggaagacaguagugauuuuuuguuuu.....	23119	0	GDM
.....uggCacuagugauuuuuuguuuu.....	5	1	GDM
.....uggaagacaguagugauuuuuuguugA.....	472	1	GDM
.....uggGgacuagugauuuuuuguuuu.....	189	1	GDM

agauuuagaguggcugugguccuagugcugug <u>uggaagacuaguguguuuuuuuu</u> ug <u>u</u> ug <u>u</u> acuacgacaa <u>caga<u>cac</u></u>	189	1	GDM
.....uggaagacuaguguguuuuuuuu.....	31	1	GDM
.....uggaU <u>gacuagug<u>u</u>uuuuuuuuu</u>	27	1	GDM
.....uggaagacuagug <u>u</u> uuuuuuuuuu.....	91	1	GDM
.....uggaagG <u>cuagug<u>u</u>uuuuuuuu.....</u>	148	1	GDM
.....uggaagC <u>cuagug<u>u</u>uuuuuuuu.....</u>	1	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuu.....</u>	7	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuu</u>	122	1	GDM
.....uggaaga <u>U<u>gacuagug<u>u</u>uuuuuuuu</u>.....</u>	21	1	GDM
.....ugU <u>U<u>gacuagug<u>u</u>uuuuuuuu</u>.....</u>	2	1	GDM
.....ugga <u>gacuagug<u>u</u>uuuuuuuu.....</u>	189	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuu.....</u>	1754	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuu.....</u>	2	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuAuu</u>	31	1	GDM
.....uggaagac <u>Gagug<u>u</u>uuuuuuuu.....</u>	17	1	GDM
.....ugg <u>U<u>gacuagug<u>u</u>uuuuuuuu.....</u></u>	18	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuA</u>	16	1	GDM
.....ugg <u>Gagac<u>uagug<u>u</u>uuuuuuu.....</u></u>	128	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuGu.....</u>	31	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuAu.....</u>	10	1	GDM
.....uggaaga <u>U<u>gacuagug<u>u</u>uuuuuuuu</u>.....</u>	21	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuu.....</u>	31	1	GDM
.....ugA <u>a<u>agacuagug<u>u</u>uuuuuuuu.....</u></u>	29	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuu<u>Uuu</u>.....</u>	4	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuu<u>Aguu</u>.....</u>	15	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuu<u>Gugu</u>.....</u>	8	1	GDM
.....ugA <u>a<u>agacuagug<u>u</u>uuuuuuuu.....</u></u>	29	1	GDM
.....uggaagacu <u>aguga<u>Cuuuuuuuu.....</u></u>	121	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuu</u>	122	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuuC.....</u>	1754	1	GDM
.....uggaagacu <u>agug<u>u</u>uuuuuuuuC.....</u>	103	1	GDM
.....ugga <u>agac<u>ua<u>g<u>u</u>uuuuuuuu.....</u></u></u>	13	1	GDM
.....ugga <u>agac<u>ua<u>g<u>u</u>uuuuuuuu.....</u></u></u>	8	1	GDM
.....ugga <u>agac<u>A<u>g<u>u</u>uuuuuuuu.....</u></u></u>	22	1	GDM
.....ugga <u>ag<u>U<u>g<u>u</u>uuuuuuuu.....</u></u></u>	12	1	GDM
.....ugga <u>ag<u>g<u>u</u>uuuuuuuu.....</u></u>	3	1	GDM
.....ugga <u>ag<u>g<u>u</u>uuuuuuuu.....</u></u>	1	1	GDM
.....ugga <u>ag<u>g<u>u</u>uuuuuuuuA.....</u></u>	7	1	GDM
.....ugga <u>ag<u>g<u>u</u>uuuuuuuu<u>u</u>.....</u></u>	7	1	GDM
.....gga <u>ag<u>g<u>u</u>uuuuuuuu.....</u></u>	1	1	GDM
.....U <u>ga<u>agacu<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	2	1	GDM
.....U <u>ga<u>agacu<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	2	1	GDM
.....gga <u>ag<u>g<u>u</u>uuuuuuuu.....</u></u>	1	0	GDM
.....U <u>ga<u>agacu<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	7	1	GDM
.....U <u>ga<u>agacu<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	7	1	GDM
.....U <u>ga<u>agacu<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	7	1	GDM
.....U <u>ga<u>agacu<u>agug<u>u</u>uuuuuuuu.....</u></u></u>	6	1	GDM
.....gga <u>ag<u>ac<u>A<u>g<u>u</u>uuuuuuuu.....</u></u></u></u>	1	1	GDM
.....gga <u>ag<u>ac<u>aa<u>g<u>u</u>uuuuuuuu.....</u></u></u></u>	2	0	GDM
.....U <u>ga<u>agacu<u>agug<u>u</u>uuuuuuuu.....</u></u></u>	6	1	GDM
.....gga <u>ag<u>ac<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	9	0	GDM
.....gga <u>ag<u>ac<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	1	1	GDM
.....U <u>ga<u>agacu<u>agug<u>u</u>uuuuuuuu.....</u></u></u>	34	1	GDM
.....gga <u>ag<u>ac<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	9	0	GDM
.....U <u>ga<u>agacu<u>agug<u>u</u>uuuuuuuu.....</u></u></u>	34	1	GDM
.....U <u>ga<u>agacu<u>agug<u>u</u>uuuuuuuu.....</u></u></u>	34	1	GDM
.....gga <u>ag<u>ac<u>ag<u>u</u>uuuuuuuu.....</u></u></u>	1	1	GDM
.....ga <u>agac<u>ag<u>u</u>uuuuuuuu.....</u></u>	2	0	GDM
.....ga <u>agac<u>ag<u>u</u>uuuuuuuuA.....</u></u>	2	1	GDM
.....ga <u>agac<u>ag<u>u</u>uuuuuuuu<u>u</u>.....</u></u>	1	1	GDM
.....ga <u>agac<u>ag<u>u</u>uuuuuuuu.....</u></u>	2	0	GDM
.....a <u>agac<u>ag<u>u</u>uuuuuuuu.....</u></u>	1	0	GDM
A <u>ugga<u>agacu<u>agug<u>u</u>uuuuuuuu.....</u></u></u>	2	1	Z3_-
.....ugga <u>agacu<u>agug<u>u</u>uuuu.....</u></u>	12	0	Z3_-
.....ugga <u>g<u>u</u>uuuu.....</u>	1	1	Z3_-
.....ugga <u>agacu<u>agug<u>u</u>uuu.....</u></u>	19	0	Z3_-
.....ugg <u>gacu<u>agug<u>u</u>uuu.....</u></u>	1	1	Z3_-
.....ugga <u>agacu<u>agug<u>u</u>uuu.....</u></u>	57	0	Z3_-
.....ugga <u>g<u>u</u>uuu.....</u>	1	1	Z3_-

agauuuagaguggcuguggcugucuagugcugug <u>uggaagacuaguguguuuuuuuuuuuuuu</u> cugauguacuacgacaacaagucacagccggccucauagcgcagacucccuucgcac	1	1	z3_-
.....uggaagacuagugaCuuuggu.....	1	1	z3_-
.....uggaagacuagGgauuuuuuu.....	3	1	z3_-
.....uggaagacuagugauuuuuA.....	6	1	z3_-
.....uggaagacuagugauuuuuugC.....	3	1	z3_-
.....uggaagacuagugauuuuuugG.....	1	1	z3_-
.....uggaagacAagugauuuuuu.....	10	1	z3_-
.....uggaagacuagugauuuuuugCu.....	1	1	z3_-
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.....uggaagacuagugauuuuuuuGu.....	79	1	z3_-
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.....Cggaagacuagugauuuuuuu.....	6	1	z3_-
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.....uggaCgacuagugauuuuuu.....	1	1	z3_-
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.....uggaagacuagugauuuuuu.....	5	1	z3_-
.....uggaagacuagugauuuuGguu.....	1	1	z3_-

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.....uggGagacuagugauuuuuuuuuuu	49	1	z3_
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.....uggaagacuagCgauuuuuuuuu	53	1	z3_
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.....uAgaagacuagugauuuuuuuuu	14	1	z3_
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.....Ugaagacuagugauuuuuuu	2	1	z3_
.....Ugaagacuagugauuuuuuuuu	1	1	z3_
.....Ugaagacuagugauuuuuuuuu	9	1	z3_
.....ggaagacuagugauuuuuuuuuC	1	1	z3_