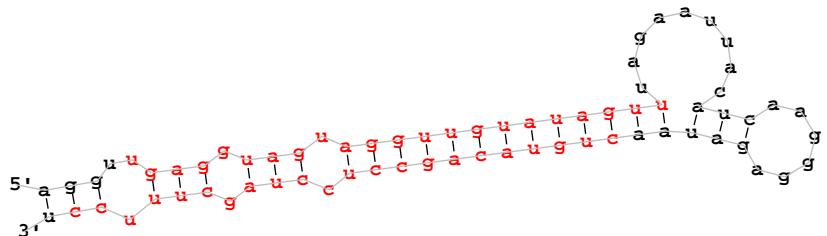


miRBase precursor : hsa-let-7a-2  
 Total read count : 402385  
 hsa-let-7a-5p read count : 402385  
 hsa-let-7a-2-3p read count : 0  
 remaining reads : 0



hsa-let-7a-5p	hsa-let-7a-2-3p	-3'	exp	reads	mm	sample
5'- agg <u>ugagguaguagguguauaguuu</u> agaauuacaucaagggagauaa <u>cuguacagccuccuagcuuuccu</u>	((...(((.(((.((((((.....(((.....))))))))))))))))....)))	-3'	exp	966	0	Z3_-
....Cugagguaguagguguauagu.....	....Cugagguaguagguguauagu.....	2	1	1	Z3_-	
....Cugagguaguagguguauagu.....	....Cugagguaguagguguau.....	2	1	1	Z3_-	
....ugaggAaguagguguau.....	....ugaggAaguagguguau.....	2	1	1	Z3_-	
....ugaggCaguagguguau.....	....ugaggCaguagguguau.....	3	1	1	Z3_-	
....ugUggaguagguguau.....	....ugUggaguagguguau.....	2	1	1	Z3_-	
....ugaggGaguagguguau.....	....ugaggGaguagguguau.....	1	1	1	Z3_-	
....ugaUguaguagguguau.....	....ugaUguaguagguguau.....	1	1	1	Z3_-	
....Cgagguaguagguguau.....	....Cgagguaguagguguau.....	3	1	1	Z3_-	
....ugagguaguagguguau.....	....ugagguaguagguguau.....	2	1	1	Z3_-	
....ugagguaguagguguau.....	....ugagguaguagguguau.....	966	0	1	Z3_-	
....ugagguaguaUguuguau.....	....ugagguaguaUguuguau.....	1	1	1	Z3_-	
....ugagguaguagguguauG.....	....ugagguaguagguguauG.....	3	1	1	Z3_-	
....uAaggaguagguguau.....	....uAaggaguagguguau.....	1	1	1	Z3_-	
....ugagguaguGGguuguau.....	....ugagguaguGGguuguau.....	2	1	1	Z3_-	
....ugagguaguaggCguau.....	....ugagguaguaggCguau.....	8	1	1	Z3_-	
....ugagguaguaggguuua.....	....ugagguaguaggguuua.....	2	1	1	Z3_-	
....ugagguaguCguuguau.....	....ugagguaguCguuguau.....	1	1	1	Z3_-	
....ugagguaguaggCau.....	....ugagguaguaggCau.....	6	1	1	Z3_-	
....ugagguaguagCguau.....	....ugagguaguagCguau.....	1	1	1	Z3_-	
....ugagguaguaggua.....	....ugagguaguaggua.....	21	1	1	Z3_-	
....Ggagguaguagguguau.....	....Ggagguaguagguguau.....	1	1	1	Z3_-	
....ugagguaguaggAguau.....	....ugagguaguaggAguau.....	2	1	1	Z3_-	
....ugagguaguaggCguau.....	....ugagguaguaggCguau.....	3	1	1	Z3_-	
....ugagguCguagguguau.....	....ugagguCguagguguau.....	1	1	1	Z3_-	
....Agagguaguagguguau.....	....Agagguaguagguguau.....	3	1	1	Z3_-	
....ugagguaguagguguuC.....	....ugagguaguagguguuC.....	68	1	1	Z3_-	
....ugagguaguagUuuguau.....	....ugagguaguagUuuguau.....	263	1	1	Z3_-	
....ugGggaguaguagguguau.....	....ugGggaguaguagguguau.....	4	1	1	Z3_-	
....ugagguagCagguguau.....	....ugagguagCagguguau.....	7	1	1	Z3_-	
....ugagguagAagguguau.....	....ugagguagAagguguau.....	1	1	1	Z3_-	
....ugagguaguaggCaua.....	....ugagguaguaggCaua.....	3	1	1	Z3_-	
....ugagguaguagUuuguaua.....	....ugagguaguagUuuguaua.....	4	1	1	Z3_-	
....ugagguaguagguguaua.....	....ugagguaguagguguaua.....	263	0	1	Z3_-	
....ugagguaguagguguGu.....	....ugagguaguagguguGu.....	2	1	1	Z3_-	

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuagaauuuacacaaggggagauaacguacagccuccuaguuuuccu

....ugGggaguaguagguguaua.....	2	1	Z3_
....Cgagguaguaggguguaua.....	1	1	Z3_
....ugagguaguaggCuguaua.....	1	1	Z3_
....ugagguaguGgguguaua.....	2	1	Z3_
....ugagguagAagguguaua.....	1	1	Z3_
....ugagguCguaggguguaua.....	1	1	Z3_
....ugagguaguaggguauaU.....	1	1	Z3_
....ugagguaguaggguCguaua.....	4	1	Z3_
....ugagguaguaggguGuag.....	6	1	Z3_
....ugagguaguaggguauag.....	1	1	Z3_
....ugagguaguUggguuguauag.....	2	1	Z3_
....ugaAguaguaggguauaag.....	3	1	Z3_
....ugagguaguaggGuguauaag.....	2	1	Z3_
....ugagguaguaAguuguauaag.....	1	1	Z3_
....Cgagguaguaggguauaag.....	7	1	Z3_
....ugagguaguaggguauaUg.....	6	1	Z3_
....ugagguaguaggguCuauaag.....	2	1	Z3_
....ugagguaguaggguauaag.....	2	1	Z3_
....ugagguaguaggguauaag.....	7	1	Z3_
....ugagguaguaggguauaag.....	7	1	Z3_
....ugagguaguaggguCauaag.....	8	1	Z3_
....ugGggaguaguaggguauaag.....	8	1	Z3_
....ugagguaguaggAuguauaag.....	1	1	Z3_
....ugagguaguagUuuguauaag.....	7	1	Z3_
....ugaggAaguaggguauaag.....	1	1	Z3_
....ugagguaguaggguauaAag.....	2	1	Z3_
....ugagguaguaggguauaA.....	116	1	Z3_
....ugCggaguaguaggguauaag.....	1	1	Z3_
....Agaggaguaguaggguauaag.....	6	1	Z3_
....ugagguaguaggguaguacag.....	5	1	Z3_
....ugaUguaguaggguauaag.....	1	1	Z3_
....ugagguaguaggCuguauaag.....	13	1	Z3_
....ugagguaguaggguAguauaag.....	1	1	Z3_
....ugagguaguaggguauaauag.....	2	1	Z3_
....ugagguaguaggguauaC.....	1	1	Z3_
....ugagguaguaggguCguauaag.....	8	1	Z3_
....ugagguagCaggguuguauaag.....	4	1	Z3_
....uAaggguaguaggguauaag.....	2	1	Z3_
....ugaggCaguaggguauaag.....	6	1	Z3_
....ugagguaguaggguauaag.....	1939	0	Z3_
....ugagguGguaggguauaag.....	13	1	Z3_
....ugagguCguaggguauaag.....	2	1	Z3_
....uUaggguaguaggguauaag.....	1	1	Z3_
....ugagguaguaggguauaU.....	18	1	Z3_
....ugagguaguaUguuguauaag.....	1	1	Z3_
....ugagguaguGgguguauaag.....	3	1	Z3_
....ugUggaguaguaggguauaag.....	3	1	Z3_
....uAaggguaguaggguauagu.....	23	1	Z3_
....ugagguaguaUguuguauagu.....	1	1	Z3_
....ugagguaguaggguauauagu.....	28	1	Z3_
....ugagguaguaggguauaA.....	233	1	Z3_
....ugagAaguaguaggguauagu.....	15	1	Z3_
....ugagguaguaggCuguauagu.....	81	1	Z3_
....ugagguaguaggguAgagu.....	6	1	Z3_
....ugagguaguaggguGagu.....	2	1	Z3_
....ugagguaguaggguGauagu.....	3	1	Z3_
....ugagCaguaggguuguauagu.....	2	1	Z3_
....ugagguaguaggguUuaauagu.....	16	1	Z3_
....ugagguaguaggguauaA.....	20	1	Z3_
....ugagguagCaggguuguauagu.....	37	1	Z3_
....ugaggGaguaggguuguauagu.....	11	1	Z3_
....ugaggCaguaggguuguauagu.....	33	1	Z3_
....ugagguaguCgguguauagu.....	1	1	Z3_
....ugagguaguaggguCuauagu.....	3	1	Z3_
....ugagguaguaggguAguauagu.....	18	1	Z3_
....ugagguaguaggguCagu.....	39	1	Z3_
....ugagguaguaCguuguauagu.....	1	1	Z3_
....ugagguaguaggguCuagu.....	4	1	Z3_
....ugaggAaguaggguuguauagu.....	9	1	Z3_
....ugagguagAaggguuguauagu.....	7	1	Z3_

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacacaaggagauaacguacagccuccuaguuuuccu

....ugagguagu <u>Uggguuguauagu</u> .....	6	1	Z3_
....Cgagguagu <u>aggguuguauagu</u> .....	59	1	Z3_
....ugagguagu <u>aggguuguauUgu</u> .....	10	1	Z3_
....ugagguagu <u>aggguuguauagu</u> .....	3	1	Z3_
....ugagguagu <u>Ggguguauagu</u> .....	43	1	Z3_
....u <u>Uaggguaguaggguuguauagu</u> .....	3	1	Z3_
....ugagguagu <u>aggguuguGuagu</u> .....	76	1	Z3_
....ugagguagu <u>aggguuguauagG</u> .....	58	1	Z3_
....ugagguagu <u>aggguuguauaCu</u> .....	6	1	Z3_
....ugaggu <u>Cguaggguuguauagu</u> .....	10	1	Z3_
....ug <u>Cgguaguaggguuguauagu</u> .....	3	1	Z3_
....ugaggu <u>Uaggguuguauagu</u> .....	5	1	Z3_
....uga <u>Uguaguaggguuguauagu</u> .....	6	1	Z3_
....ugagguagu <u>Aguuguauagu</u> .....	17	1	Z3_
....ugagguagu <u>aggguuguauaUu</u> .....	6	1	Z3_
....u <u>Aguguaggguuguauagu</u> .....	22	1	Z3_
....ugagguagu <u>aggguuguauCgu</u> .....	3	1	Z3_
....ugagguagu <u>aggguugCauagu</u> .....	60	1	Z3_
....ugagguagu <u>aggguugAguauagu</u> .....	15	1	Z3_
....ugagguagu <u>aggguuggGuauagu</u> .....	3	1	Z3_
....ugaggu <u>Auaggguuguauagu</u> .....	16	1	Z3_
....ugagguagu <u>agUuuguauagu</u> .....	91	1	Z3_
....Ggagguagu <u>aggguuguauagu</u> .....	15	1	Z3_
....ugagguagu <u>aggguuguUuagu</u> .....	8	1	Z3_
....ugagguagu <u>aggguugguAauagu</u> .....	9	1	Z3_
....ugagguagu <u>aggguCguauagu</u> .....	67	1	Z3_
....A <u>guguaggguuguauagu</u> .....	38	1	Z3_
....ugagguagu <u>aggguuguauagu</u> .....	15184	0	Z3_
....u <u>gaggguaggguuguauagC</u> .....	1211	1	Z3_
....ugagguagu <u>aggguuguAagu</u> .....	8	1	Z3_
....u <u>Ggguaguaggguuguauagu</u> .....	90	1	Z3_
....u <u>Caggguaguaggguuguauagu</u> .....	3	1	Z3_
....u <u>agUuaggguuguauagu</u> .....	3	1	Z3_
....u <u>gaggguGguaggguuguauagu</u> .....	46	1	Z3_
....u <u>gaggguagu<u>Cguuguauagu</u></u> .....	6	1	Z3_
....u <u>Aaggguaguaggguuguauaguu</u> .....	25	1	Z3_
....u <u>gaggguaguAguuguauaguu</u> .....	23	1	Z3_
....u <u>gaggguaguaggguAguauaguu</u> .....	23	1	Z3_
....u <u>gaggguaguaggguuguGuaguu</u> .....	87	1	Z3_
....u <u>gaggguaguagCguuguauaguu</u> .....	5	1	Z3_
....u <u>Caggguaguaggguuguauaguu</u> .....	1	1	Z3_
....u <u>gaggguaguaggguuguauAuu</u> .....	9	1	Z3_
....u <u>gaggCaguaggguuguauaguu</u> .....	32	1	Z3_
....u <u>gaggguaguaggguugaCaguu</u> .....	73	1	Z3_
....u <u>gaggguaguaggguuguUaguu</u> .....	6	1	Z3_
....u <u>gaUguaguaggguuguauaguu</u> .....	7	1	Z3_
....u <u>gaggguaguUggguuguauaguu</u> .....	16	1	Z3_
....u <u>gaggguaguaggguugAauaguu</u> .....	10	1	Z3_
....u <u>gaggguAaaggguuguauaguu</u> .....	22	1	Z3_
....u <u>gaAguguaggguuguauaguu</u> .....	28	1	Z3_
....u <u>gaggguaguGggguuguauaguu</u> .....	59	1	Z3_
....u <u>gaggguagCggguuguauaguu</u> .....	30	1	Z3_
....u <u>gaggguAaaggguuguauaguu</u> .....	9	1	Z3_
....u <u>gaggguAgaggguuguauaguG</u> .....	69	1	Z3_
....u <u>gaggguaguaggguuguauagAa</u> .....	5	1	Z3_
....u <u>gaggguaguAguuguauaguu</u> .....	5	1	Z3_
....u <u>Uaggguaguaggguuguauaguu</u> .....	1	1	Z3_
....u <u>gaggguaguaggguuguauaUuu</u> .....	2	1	Z3_
....u <u>gaggguagAaggguuguauaguu</u> .....	26	1	Z3_
....u <u>gaggguaguaggguuguauCguu</u> .....	2	1	Z3_
....u <u>gaggguGguaggguuguauaguu</u> .....	37	1	Z3_
....C <u>gaggguaguaggguuguauaguu</u> .....	82	1	Z3_
....u <u>gaggguaguaggguuguauUguu</u> .....	12	1	Z3_
....u <u>gaggguaguaggguugaGaguu</u> .....	5	1	Z3_
....u <u>gagAaguaguaggguuguauaguu</u> .....	20	1	Z3_
....G <u>gaggguaguaggguuguauaguu</u> .....	5	1	Z3_
....u <u>gaggguaguaggguCguauaguu</u> .....	80	1	Z3_
....u <u>gaggguaguagUuuguauaguu</u> .....	128	1	Z3_
....u <u>gaggguaguaggguuguauagCu</u> .....	75	1	Z3_

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguguagguguauguuuagaauuuacacaucaagggggggggauaa**c**uguacagccuccuugcuuuccu

....Agagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	39	1	Z3_
....ugagg <u>u</u> agu <u>C</u> gg <u>u</u> guau <u>g</u> uu.....	1	1	Z3_
....ugagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	5	1	Z3_
....uga <u>C</u> guaguagg <u>u</u> guau <u>g</u> uu.....	2	1	Z3_
....ugagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	25	1	Z3_
....ugagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	9	1	Z3_
....ugagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	13	1	Z3_
....ugagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	16925	0	Z3_
....ugagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	13	1	Z3_
....ug <u>U</u> gg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	15	1	Z3_
....ugagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	2	1	Z3_
....ugagg <u>u</u> Uguagg <u>u</u> guau <u>g</u> uu.....	9	1	Z3_
....ugagg <u>g</u> Aguagg <u>u</u> guau <u>g</u> uu.....	8	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> Gau <u>u</u> gu.....	5	1	Z3_
....ugag <u>C</u> uaguagg <u>u</u> guau <u>g</u> uu.....	3	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uuA.....	355	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> Cau <u>u</u> gu.....	68	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> Gu.....	29	1	Z3_
....ug <u>G</u> gg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	111	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uu.....	6	1	Z3_
....ugagg <u>u</u> Cguagg <u>u</u> guau <u>g</u> uu.....	12	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uuC.....	1632	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> Cua <u>u</u> gu.....	5	1	Z3_
....ug <u>C</u> gg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	4	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> Cug <u>u</u> au <u>g</u> uu.....	56	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> uGu <u>u</u> gu.....	2	1	Z3_
....Cgagg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	2	1	Z3_
....ugagg <u>g</u> Caguagg <u>u</u> guau <u>g</u> uu.....	2	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uuC.....	2	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> Cua <u>u</u> gu.....	1	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> Gua <u>u</u> gu.....	6	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uu.....	243	0	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uuG.....	34	1	Z3_
....ugagg <u>u</u> Gguagg <u>u</u> guau <u>g</u> uu.....	2	1	Z3_
....ug <u>G</u> gg <u>u</u> guagg <u>u</u> guau <u>g</u> uu.....	1	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> Agu <u>u</u> gu.....	1	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uG.....	5	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uC.....	12	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uA.....	97	1	Z3_
....ugagg <u>u</u> ag <u>C</u> guagg <u>u</u> guau <u>g</u> uu.....	1	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uC.....	2	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uA.....	1	1	Z3_
....ugagg <u>u</u> aguagg <u>u</u> guau <u>g</u> uA.....	1	0	Z3_
....agg <u>u</u> aguagg <u>u</u> guau <u>g</u> uu.....	2	0	Z3_
....ggu <u>u</u> aguagg <u>u</u> guau <u>g</u> uu.....	2	0	Z3_
....Cu <u>g</u> agg <u>u</u> aguagg <u>u</u> guau <u>g</u> uu.....	7	1	Z1_
....Cu <u>g</u> agg <u>u</u> aguagg <u>u</u> guau <u>g</u> uu.....	4	1	Z1_
....ugagg <u>u</u> Auagg <u>u</u> guau.....	3	1	Z1_
....ugagg <u>g</u> Aguagg <u>u</u> guau.....	1	1	Z1_
....ugagg <u>u</u> aguagg <u>u</u> guauG.....	5	1	Z1_
....u <u>A</u> gg <u>u</u> aguagg <u>u</u> guau.....	2	1	Z1_
....ugagg <u>u</u> aguagg <u>u</u> Auau.....	2	1	Z1_
....ug <u>g</u> aguagg <u>u</u> guau.....	1	1	Z1_
....u <u>U</u> agg <u>u</u> aguagg <u>u</u> guau.....	3	1	Z1_
....ugagg <u>u</u> agu <u>U</u> gg <u>u</u> guau.....	1	1	Z1_
....ug <u>G</u> gg <u>u</u> aguagg <u>u</u> guau.....	10	1	Z1_
....ugagg <u>u</u> aguagg <u>u</u> Cau.....	6	1	Z1_
....ugagg <u>u</u> aguagg <u>u</u> Cug <u>u</u> au.....	11	1	Z1_
....ugagg <u>u</u> aguag <u>U</u> u <u>u</u> guau.....	528	1	Z1_
....ugagg <u>u</u> aguG <u>g</u> gu <u>u</u> au.....	15	1	Z1_
....ug <u>C</u> gg <u>u</u> aguagg <u>u</u> guau.....	1	1	Z1_
....ugagg <u>u</u> aguagg <u>u</u> guuC.....	159	1	Z1_
....ugagg <u>u</u> aguagg <u>u</u> guA.....	17	1	Z1_
....uga <u>A</u> guaguagg <u>u</u> guau.....	2	1	Z1_
....ugagg <u>u</u> Gguagg <u>u</u> guau.....	3	1	Z1_
....ugag <u>A</u> uaguagg <u>u</u> guau.....	3	1	Z1_

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauuagaauuuacacaagggagauaacuguacagccuccuagcuuuccu

....ugagguagCagguuguau.....	4	1	Z1_
....Cgagguaguaggguguau.....	9	1	Z1_
....ugagguaguagguCguau.....	13	1	Z1_
....ugagguaguaggAuguaau.....	1	1	Z1_
....ugagguaguagguguCu.....	1	1	Z1_
....ugagguaguaggGuguau.....	2	1	Z1_
....ugagguCguaggguguau.....	1	1	Z1_
....ugUgguguaggguuguau.....	2	1	Z1_
....Ggagguaguaggguuguau.....	5	1	Z1_
....Agagguaguaggguuguau.....	3	1	Z1_
....ugagguagAaggguuguau.....	4	1	Z1_
....ugagguaguaggguuguau.....	2492	0	Z1_
....ugagguau <u>Uaggguuguau.....</u>	1	1	Z1_
....ugaggCaguaggguuguau.....	6	1	Z1_
....ugaUguaguaggguuguau.....	3	1	Z1_
....ugagguagua <u>Uguuguau.....</u>	1	1	Z1_
....ugagguaguagg <u>Aguau.....</u>	1	1	Z1_
....ugagguCguaggguuguaua.....	2	1	Z1_
....ugagguagCaggguuguaua.....	2	1	Z1_
....ugag <u>Auaguaggguuguaua.....</u>	1	1	Z1_
....ugagg <u>Aaguaggguuguaua.....</u>	1	1	Z1_
....ugagguaguag <u>Uuuguaua.....</u>	1	1	Z1_
....Cgagguaguaggguuguaua.....	2	1	Z1_
....ugagguaguaggguuguaua.....	1	1	Z1_
....ugagguaguaggguuguauCa.....	3	1	Z1_
....ugUgguguaggguuguaua.....	2	1	Z1_
....ugaggCaguaggguuguaua.....	1	1	Z1_
....ugagguagua <u>Aguuguaua.....</u>	1	1	Z1_
....ugagguau <u>Agguuguaua.....</u>	2	1	Z1_
....ugagguagua <u>Agguuguaua.....</u>	9	1	Z1_
....ugagguaguagg <u>Cguaua.....</u>	5	1	Z1_
....ugagguaguaggguugua <u>Ga.....</u>	1	1	Z1_
....ugagguaguag <u>Cguuguaua.....</u>	1	1	Z1_
....ugagguagu <u>Agguuguaua.....</u>	1	1	Z1_
....ugagguau <u>Agguuguaua.....</u>	1	1	Z1_
....ugGguaguaggguuguaua.....	3	1	Z1_
....ugagguaguagg <u>Cguaua.....</u>	3	1	Z1_
....ugagguag <u>Aaggguuguaua.....</u>	2	1	Z1_
....Ggagguaguaggguuguaua.....	1	1	Z1_
....Cgagguaguaggguuguauag.....	11	1	Z1_
....uAaggguaguaggguuguauag.....	3	1	Z1_
....ugagguaguaggguuguau <u>Ug.....</u>	1	1	Z1_
....ugagguagu <u>Uggguuguauag.....</u>	2	1	Z1_
....Agagguaguaggguuguauag.....	5	1	Z1_
....ugCggguaguaggguuguauag.....	1	1	Z1_
....Ggagguaguaggguuguauag.....	4	1	Z1_
....ugagguaguaggguAguauag.....	5	1	Z1_
....ugagguaguaggguuguaua <u>C.....</u>	7	1	Z1_
....ugaAguaguaggguuguauag.....	1	1	Z1_
....ugUgguguaggguuguauag.....	3	1	Z1_
....ugaggCaguaggguuguauag.....	8	1	Z1_
....ugagguaguaggguuguaua <u>U.....</u>	7	1	Z1_
....ugagguaguaggAuguaauag.....	2	1	Z1_
....ugaggAaguaggguuguauag.....	1	1	Z1_
....ugagguCguaggguuguauag.....	2	1	Z1_
....ugagguaguaggguuguauag.....	2669	0	Z1_
....ugagguGguaggguuguauag.....	9	1	Z1_
....ugagguaguaggCguauag.....	7	1	Z1_
....ugagguaguGGguuguauag.....	3	1	Z1_
....ugagguaguaggguuguaua <u>A.....</u>	116	1	Z1_
....ugagguaguaggguuguau <u>Cg.....</u>	1	1	Z1_
....ugagguaguAguuguauag.....	7	1	Z1_
....ugagguaguaggguuguau <u>Cauag.....</u>	10	1	Z1_
....ugagguAguaggguuguauag.....	3	1	Z1_
....ugagguagCaggguuguauag.....	5	1	Z1_
....ugagguaguagggu <u>Uuuauag.....</u>	2	1	Z1_
....ugagguagAaggguuguauag.....	1	1	Z1_

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacacaagggagauaacguacagccuccuaguuuuccu

....ugagguaguag <u>Uuuguauag</u> .....	3	1	Z1_
....ugag <u>luaguaggguguauag</u> .....	6	1	Z1_
....ug <u>Ggguguaggguguauag</u> .....	13	1	Z1_
....ugagguaguagggugu <u>Guag</u> .....	13	1	Z1_
....ugagguaguagggugu <u>Uuag</u> .....	2	1	Z1_
....ugagg <u>Gaguaggguguauag</u> .....	3	1	Z1_
....ugaggua <u>Uuaggguuguauag</u> .....	1	1	Z1_
....ugagguaguagggugu <u>Caag</u> .....	5	1	Z1_
....ugagguaguagggugu <u>Cguauag</u> .....	19	1	Z1_
....ugagguaguagggugu <u>Auauag</u> .....	5	1	Z1_
....ugagguaguau <u>Ugguguauag</u> .....	1	1	Z1_
....ugagguaguagggugu <u>aAag</u> .....	2	1	Z1_
....ugagguaguagggugu <u>Cauagu</u> .....	95	1	Z1_
....ugagg <u>Gaguaggguguauagu</u> .....	18	1	Z1_
....ugagguaguagggugu <u>Chagu</u> .....	1	1	Z1_
....u <u>gaAguaguaggguguauagu</u> .....	48	1	Z1_
....ugagguaguagg <u>Guauagu</u> .....	164	1	Z1_
....ugagguaguagggugu <u>AuauA</u> .....	34	1	Z1_
....ugagg <u>Caguaggguguauagu</u> .....	91	1	Z1_
....ugagguaguagggugu <u>Cagu</u> .....	92	1	Z1_
....ugagguaguagggugu <u>Aagu</u> .....	23	1	Z1_
....ugaggua <u>luaggguuguauagu</u> .....	25	1	Z1_
....ugagguaguaggguu <u>Cuauagu</u> .....	3	1	Z1_
....ugagguaguaggg <u>Gguauagu</u> .....	6	1	Z1_
....ugagguaguagggugu <u>Uuagu</u> .....	12	1	Z1_
....ugagg <u>Cguaggguguauagu</u> .....	26	1	Z1_
....ugagguaguagggugu <u>uAgC</u> .....	2118	1	Z1_
....ug <u>Ggguguaggguguauagu</u> .....	189	1	Z1_
....u <u>gUgguguaggguguauagu</u> .....	26	1	Z1_
....ugagguaguagggugu <u>Guagu</u> .....	145	1	Z1_
....ugagguaguagggugu <u>Aguauagu</u> .....	31	1	Z1_
....u <u>gagCuaguaggguguauagu</u> .....	4	1	Z1_
....ugagguaguaggguu <u>Uuauagu</u> .....	6	1	Z1_
....ugagguaguagggugu <u>Gagu</u> .....	8	1	Z1_
....ugagg <u>aguGguugguauagu</u> .....	104	1	Z1_
....Agagg <u>aguaggguguauagu</u> .....	73	1	Z1_
....u <u>lAgguaguaggguguauagu</u> .....	3	1	Z1_
....ugaggua <u>Cuaggguuguauagu</u> .....	1	1	Z1_
....ugagguaguagggugu <u>uAgA</u> .....	314	1	Z1_
....ugagguaguagggugu <u>uCu</u> .....	2	1	Z1_
....ugagguaguag <u>Cuugguauagu</u> .....	2	1	Z1_
....ugagguaguaggguguauagu.....	31172	0	Z1_
....u <u>Caggguaguaggguguauagu</u> .....	2	1	Z1_
....ugagguagu <u>Aguugguauagu</u> .....	44	1	Z1_
....ugagguaguaggguguau <u>agG</u> .....	111	1	Z1_
....ugagguaguaggguu <u>uAuauagu</u> .....	41	1	Z1_
....u <u>gaUguaguaggguguauagu</u> .....	2	1	Z1_
....ug <u>agUuaguaggguguauagu</u> .....	3	1	Z1_
....ugagguaguaggguguau <u>uUu</u> .....	5	1	Z1_
....u <u>gaggAaguaggguguauagu</u> .....	14	1	Z1_
....C <u>aggguaguaggguguauagu</u> .....	166	1	Z1_
....ugagguaguagg <u>Gguauagu</u> .....	11	1	Z1_
....ugagguagu <u>Cguugguauagu</u> .....	2	1	Z1_
....ugagguaguagggugu <u>uAauagu</u> .....	8	1	Z1_
....ugagguag <u>Aggguguauagu</u> .....	29	1	Z1_
....ugagguagu <u>Ugguguauagu</u> .....	1	1	Z1_
....ugaggua <u>Uuaggguuguauagu</u> .....	8	1	Z1_
....ugagguaguaggg <u>Agguauagu</u> .....	16	1	Z1_
....u <u>gCgguguaggguguauagu</u> .....	5	1	Z1_
....ugagguaguaggguguau <u>Ugu</u> .....	30	1	Z1_
....ugagguGguaggguguau <u>agu</u> .....	95	1	Z1_
....ugagguaguag <u>Uuuguauagu</u> .....	170	1	Z1_
....ugagguag <u>Caggguuguauagu</u> .....	89	1	Z1_
....ugagguagu <u>Uggguuguauagu</u> .....	18	1	Z1_
....ugagguagu <u>Cggguuguauagu</u> .....	4	1	Z1_
....G <u>gaggguaguaggguguauagu</u> .....	64	1	Z1_
....u <u>lAgguaguaggguguauagu</u> .....	52	1	Z1_
....ugagguaguagg <u>Guauagu</u> .....	187	1	Z1_
....u <u>gagAaguaggguguauagu</u> .....	24	1	Z1_

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacacaagggagauaacguacagccuccuaguuuuccu

....ugagguaguaggguguauCgu.....	9	1	Z1_
....ugagguaguaggguguauaguuu.....	26406	0	Z1_
....ugagguaguag <u>Cuu</u> guauaguu.....	13	1	Z1_
....ugagguaguaggg <u>Cgu</u> auaguu.....	124	1	Z1_
....uga <u>Cgu</u> aguaggguguauaguu.....	2	1	Z1_
....ugagg <u>Ggu</u> aguaggguguauaguu.....	28	1	Z1_
....ugagguaguaggguguauagu <u>G</u> .....	111	1	Z1_
....uga <u>Agu</u> aguaggguguauaguu.....	53	1	Z1_
....ugagg <u>gu</u> aguaggguguauaguu.....	18	1	Z1_
....Agagg <u>gu</u> aguaggguguauaguu.....	68	1	Z1_
....ugagguaguaggguguau <u>Uguu</u> .....	15	1	Z1_
....ugagguaguaggg <u>uu</u> auaguu.....	3	1	Z1_
....ugagguagu <u>Cgg</u> guauaguu.....	4	1	Z1_
....ug <u>Cgg</u> aguaggguguauaguu.....	10	1	Z1_
....ugagguaguagggugu <u>Guaguu</u> .....	180	1	Z1_
....ug <u>gA</u> aguaggguguauaguu.....	39	1	Z1_
....ugagguaguaggguguau <u>Ag</u> u.....	15	1	Z1_
....ugagguaguaggguguau <u>Agu</u> .....	14	1	Z1_
....ug <u>gC</u> aguaggguguauaguu.....	5	1	Z1_
....ugagguaguaggguguau <u>Caguu</u> .....	160	1	Z1_
....ugagguaguaggguguau <u>uagCu</u> .....	129	1	Z1_
....Ggagguaguaggguguauaguu.....	60	1	Z1_
....ugagguaguaggg <u>Gau</u> guu.....	5	1	Z1_
....ugagguaguagg <u>Ggu</u> auaguu.....	13	1	Z1_
....u <u>Aggu</u> aguaggguguauaguu.....	8	1	Z1_
....ugagguaguaggguguau <u>uaguC</u> .....	2241	1	Z1_
....ugagguaguagggugu <u>Uguu</u> .....	4	1	Z1_
....ugagguagu <u>Ggg</u> guauaguu.....	97	1	Z1_
....u <u>gU</u> ggaguaggguguauaguu.....	42	1	Z1_
....ugagguagu <u>Ugu</u> guauaguu.....	5	1	Z1_
....ugagguaguaggguguau <u>Uuu</u> .....	2	1	Z1_
....ugagguaguaggguguau <u>uagGu</u> .....	40	1	Z1_
....ug <u>gguag</u> Aggguaggguguauaguu.....	23	1	Z1_
....ugagguaguaggguguau <u>Cguu</u> .....	3	1	Z1_
....u <u>gU</u> guagguaggguguauaguu.....	6	1	Z1_
....ug <u>gguau</u> Agguaggguguauaguu.....	25	1	Z1_
....ug <u>gguau</u> Cuagguaggguguauaguu.....	3	1	Z1_
....ugagguag <u>Cagg</u> guaggguguauaguu.....	66	1	Z1_
....u <u>Agguag</u> guaggguguauaguu.....	42	1	Z1_
....ugagguaguaggg <u>Aguau</u> aguu.....	27	1	Z1_
....u <u>gGguag</u> guaggguguauaguu.....	167	1	Z1_
....ugagguagu <u>uag</u> guaggguguauaguu.....	221	1	Z1_
....ug <u>gguau</u> uaggguaggguguauaguu.....	9	1	Z1_
....u <u>Cagg</u> guaggguguauaguu.....	3	1	Z1_
....ugagguaguaggguguau <u>uAg</u> u.....	394	1	Z1_
....Cgagguaguaggguguauaguu.....	131	1	Z1_
....ugagguagu <u>agg</u> Cguauaguu.....	105	1	Z1_
....ugagguaguaggg <u>uu</u> auaguu.....	38	1	Z1_
....ugagguaguaggguguau <u>Cuu</u> .....	1	1	Z1_
....ugaggu <u>Ggu</u> aggguguauaguu.....	74	1	Z1_
....ugagguagu <u>agg</u> Agguauaguu.....	17	1	Z1_
....ugagguagu <u>agg</u> gu <u>Ag</u> guauaguu.....	16	1	Z1_
....ug <u>gU</u> guagguaggguguauaguu.....	2	1	Z1_
....ugagguaguaggguguau <u>Cauaguu</u> .....	109	1	Z1_
....ugagguagu <u>agg</u> Guauaguu.....	11	1	Z1_
....ugagguagu <u>agg</u> gu <u>Cau</u> aguu.....	8	1	Z1_
....ugagguagu <u>Agu</u> guauaguu.....	27	1	Z1_
....ug <u>gAgguag</u> guaggguguauaguu.....	5	1	Z1_
....ugaggu <u>Ugu</u> aggguguauaguu.....	14	1	Z1_
....ugagguaguaggguguau <u>uAuu</u> .....	15	1	Z1_
....ugagguaguaggguguau <u>Cau</u> aguu.....	1	1	Z1_
....ugaggu <u>Cgu</u> aggguguauaguu.....	31	1	Z1_
....ugagg <u>Cgu</u> aggguguauaguu.....	85	1	Z1_
....ugagguaguaggguguau <u>uAg</u> u.....	167	1	Z1_
....ugagguaguaggguguauaguu.....	355	0	Z1_
....ugagguagu <u>agg</u> guCguauaguu.....	1	1	Z1_
....ugagguag <u>Cagg</u> guauaguu.....	4	1	Z1_
....ugagguagu <u>Ag</u> guauaguu.....	5	1	Z1_
....Cgagguaguaggguguauaguu.....	3	1	Z1_

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacacaaggagauaacguacagccuccuagcuuuccu

....ugagguaguaggguguauagu <u>u</u> .....	2	1	Z1_
....ugaggCaguaggguguauaguuu.....	5	1	Z1_
....ugagguaguaggguguauagCuu.....	4	1	Z1_
....ugagguagu <u>U</u> gguguauaguuu.....	1	1	Z1_
....Agagg <u>u</u> aguaggguguauaguuu.....	2	1	Z1_
....ugagguaguaggguguauaguuC.....	27	1	Z1_
....ugagg <u>U</u> guaggguguauaguuu.....	1	1	Z1_
....ugagg <u>u</u> aggguguauaguuu.....	10	1	Z1_
....u <u>gag</u> guaguaggguguauaguuu.....	1	1	Z1_
....ugagg <u>u</u> guaggguguauaguuu.....	87	1	Z1_
....ugGguaguaggguguauaguuu.....	3	1	Z1_
....ugagg <u>G</u> aguaggguguauaguuu.....	2	1	Z1_
....ugagg <u>u</u> aguaggguguauaguA.....	8	1	Z1_
....ugagg <u>u</u> aguaggguguauaguua.....	3	0	Z1_
....ugagg <u>u</u> aguag <u>A</u> guauaguuu.....	1	1	Z1_
....ugagg <u>u</u> aguaggguguGuaguuu.....	1	1	Z1_
....ugagg <u>u</u> aguaggguguauaguGa.....	4	1	Z1_
....ugagg <u>u</u> aguaggguguauaguu <u>U</u> .....	1	1	Z1_
....ugagg <u>u</u> aguaggguguauaguuAaga.....	2	1	Z1_
....gagg <u>u</u> aguaggguguaua.....	1	0	Z1_
....Uagg <u>u</u> aguaggguguauagu.....	1	1	Z1_
....gagg <u>u</u> aguaggguguauagu.....	2	0	Z1_
....gagg <u>u</u> aguaggguguauagC.....	1	1	Z1_
....gagg <u>u</u> aguaggguguauaguC.....	1	1	Z1_
....gagg <u>u</u> aguaggguguauaguu.....	6	0	Z1_
....agg <u>u</u> aguaggguguauaguC.....	1	1	Z1_
....agg <u>u</u> aguaggguguauaguu.....	2	0	Z1_
....gguaguaggguguauagu.....	2	0	Z1_
....gg <u>u</u> aguaggguguauagu.....	2	0	Z1_
..guugagg <u>u</u> aguaggguguauaguu.....	3	0	GDM
..Cugagg <u>u</u> aguaggguguauag.....	3	1	GDM
..Cugagg <u>u</u> aguaggguguauagu.....	11	1	GDM
..Cugagg <u>u</u> aguaggguguauagu.....	11	1	GDM
..Cugagg <u>u</u> aguaggguguauagu.....	12	1	GDM
..Cugagg <u>u</u> aguaggguguauagu.....	12	1	GDM
..Cugagg <u>u</u> aguaggguguauaguu.....	12	1	GDM
..u <u>gagg</u> Caguaggguguau.....	27	1	GDM
..u <u>gagg</u> u <u>gagg</u> Cguau.....	33	1	GDM
..u <u>gagg</u> u <u>Cgu</u> aggguau.....	3	1	GDM
..u <u>gagg</u> u <u>gagg</u> guau.....	7510	0	GDM
..u <u>gagg</u> u <u>gagg</u> Aguau.....	13	1	GDM
..u <u>gagg</u> u <u>A</u> uaggguau.....	15	1	GDM
..Agagg <u>u</u> aguaggguguau.....	26	1	GDM
..u <u>gagg</u> u <u>u</u> agg <u>A</u> guau.....	13	1	GDM
..u <u>Ca</u> gg <u>u</u> aguaggguguau.....	1	1	GDM
..Cgagg <u>u</u> aguaggguguau.....	36	1	GDM
..u <u>gagg</u> u <u>A</u> uaggguau.....	15	1	GDM
..u <u>gagg</u> u <u>u</u> agg <u>C</u> guau.....	36	1	GDM
..u <u>gagg</u> u <u>u</u> aggguau.....	7510	0	GDM
..u <u>gG</u> guaguaggguguau.....	47	1	GDM
..u <u>gagg</u> u <u>u</u> aggguuaC.....	516	1	GDM
..u <u>gagg</u> u <u>C</u> guaggguau.....	3	1	GDM
..u <u>gagg</u> u <u>ggu</u> aggguau.....	38	1	GDM
..u <u>gagg</u> u <u>u</u> aggguuaA.....	159	1	GDM
..u <u>gagg</u> Caguaggguguau.....	27	1	GDM
..u <u>gagg</u> Caguaggguguau.....	27	1	GDM
..u <u>gagg</u> u <u>u</u> agg <u>C</u> guau.....	15	1	GDM
..u <u>gagg</u> u <u>u</u> aggguuaC.....	516	1	GDM
..u <u>gagg</u> u <u>A</u> aggguau.....	9	1	GDM
..u <u>gagg</u> u <u>u</u> aggguu <u>C</u> .....	2	1	GDM
..u <u>gG</u> guaguaggguguau.....	47	1	GDM
..u <u>gA</u> guaguaggguguau.....	9	1	GDM
..u <u>gagg</u> u <u>u</u> aggguau.....	3	1	GDM
..u <u>gagg</u> u <u>u</u> Uguau.....	3	1	GDM
..u <u>gagg</u> u <u>u</u> agg <u>C</u> guau.....	33	1	GDM
..u <u>gagg</u> u <u>u</u> aggguu <u>A</u> .....	33	1	GDM
..u <u>gagg</u> u <u>u</u> aggguu <u>A</u> au.....	12	1	GDM
..Cgagg <u>u</u> aguaggguguau.....	36	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauuagaauuuacacaagggagauaacuguacagccuccuagcuuuccu

....ugagguaguaggguguau.....	7510	0	GDM
....ugagguaguGgguguau.....	23	1	GDM
....ugaUguaguaggguguau.....	4	1	GDM
....ugagguaguUgguguau.....	1	1	GDM
....ugagguaguagguCguau.....	36	1	GDM
....ugagguaguagguUuuu.....	2	1	GDM
....ugagguaguag <u>Cguuau.....</u>	15	1	GDM
....ugagguaguagguCguau.....	36	1	GDM
....uUagg <u>guaguaggguug<u>ua.....</u></u>	2	1	GDM
....ugagguaguagguug <u>uaG.....</u>	51	1	GDM
....uUagg <u>guaguaggguug<u>ua.....</u></u>	2	1	GDM
....ugagg <u>Agaguaggguguau.....</u>	3	1	GDM
....ugagguaguagggAguau.....	2	1	GDM
....ugagguaguaggguaA.....	159	1	GDM
....ugUgg <u>guaguaggguug<u>ua.....</u></u>	10	1	GDM
....ugagguaguagguug <u>ua.....</u>	12	1	GDM
....ugCgg <u>guaguaggguug<u>ua.....</u></u>	1	1	GDM
....ugagguaguagguuCuau.....	2	1	GDM
....ugagguaguagggug <u>Aau.....</u>	1	1	GDM
....ugUgg <u>guaguaggguug<u>ua.....</u></u>	10	1	GDM
....ugagguaguagggug <u>uaG.....</u>	51	1	GDM
....Ggagg <u>guaguaggguug<u>ua.....</u></u>	9	1	GDM
....ugagguaguGgguguau.....	23	1	GDM
....ugaUguaguaggguguau.....	4	1	GDM
....ugagguaguagg <u>Aguau.....</u>	13	1	GDM
....ugagguaguagg <u>ugCau.....</u>	33	1	GDM
....ugagg <u>Gguaguaggguug<u>ua.....</u></u>	2	1	GDM
....ugagg <u>Gguaguaggguug<u>ua.....</u></u>	38	1	GDM
....ugagg <u>aguaggguug<u>Cau.....</u></u>	33	1	GDM
....ugagg <u>ugCggguug<u>ua.....</u></u>	24	1	GDM
....ugagg <u>ugAaggguug<u>ua.....</u></u>	9	1	GDM
....ugagg <u>uaguag<u>Uguug<u>ua.....</u></u></u>	3	1	GDM
....ugagg <u>uaguagggguug<u>ua.....</u></u>	9	1	GDM
....ugUgg <u>guaguaggguug<u>ua.....</u></u>	10	1	GDM
....ugagg <u>guaguaggguug<u>Gau.....</u></u>	1	1	GDM
....ugagg <u>guaguaggGuug<u>ua.....</u></u>	2	1	GDM
....ugagg <u>guaguaggguug<u>A.....</u></u>	159	1	GDM
....ugagg <u>uagCggguug<u>ua.....</u></u>	24	1	GDM
....ugagg <u>uaguaggguug<u>ua.....</u></u>	15	1	GDM
....ugagg <u>guaguaggguuAua.....</u>	12	1	GDM
....ugagg <u>guaguagg<u>Cguau.....</u></u>	33	1	GDM
....ugagg <u>guaguag<u>Uuuug<u>ua.....</u></u></u>	1887	1	GDM
....Ggagg <u>guaguaggguug<u>ua.....</u></u>	9	1	GDM
....ugag <u>uaguaguaggguug<u>ua.....</u></u>	9	1	GDM
....ugaAguaguaggguug <u>ua.....</u>	9	1	GDM
....ugagg <u>uaguaggguug<u>ua.....</u></u>	9	1	GDM
....ugGgg <u>guaguaggguug<u>ua.....</u></u>	47	1	GDM
....ugagg <u>guaguag<u>Cguug<u>ua.....</u></u></u>	15	1	GDM
....ugagg <u>guaguag<u>Uuuug<u>ua.....</u></u></u>	1887	1	GDM
....ugagg <u>guaguaggguuCuau.....</u>	2	1	GDM
....ugagg <u>guaguag<u>Uuuug<u>ua.....</u></u></u>	1887	1	GDM
....ugagg <u>guaguaggguug<u>uaC.....</u></u>	516	1	GDM
....ugaAguaguaggguug <u>ua.....</u>	9	1	GDM
....Cgagg <u>guaguaggguug<u>ua.....</u></u>	36	1	GDM
....ugagg <u>guaguag<u>Uguug<u>ua.....</u></u></u>	3	1	GDM
....ugag <u>uaguaggguug<u>ua.....</u></u>	9	1	GDM
....ugagg <u>Gguaguaggguug<u>ua.....</u></u>	38	1	GDM
....Agagg <u>guaguaggguug<u>ua.....</u></u>	26	1	GDM
....ugagg <u>guaguaggguug<u>uaG.....</u></u>	51	1	GDM
....uAagg <u>guaguaggguug<u>ua.....</u></u>	15	1	GDM
....ugagg <u>guaguaggguug<u>ua.....</u></u>	3	1	GDM
....Agagg <u>guaguaggguug<u>ua.....</u></u>	26	1	GDM
....uAagg <u>guaguaggguug<u>ua.....</u></u>	15	1	GDM
....ugagg <u>guaguaggguug<u>ua.....</u></u>	1696	0	GDM
....ugagg <u>guaguagg<u>Gguuau.....</u></u>	2	1	GDM
....ugagg <u>guaguagg<u>Aguuau.....</u></u>	1	1	GDM
....ugagg <u>guaguaggguug<u>Caua.....</u></u>	4	1	GDM
....ugagg <u>guaguaggguug<u>ua.....</u></u>	1696	0	GDM
....ugGgg <u>guaguaggguug<u>ua.....</u></u>	11	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuagaauuuacacaagggagauaacuguacagccuccuaguuuuccu

....ugagguaguauAguuguaua.....	3	1	GDM
....ugagguaguaggCuguaua.....	11	1	GDM
....uAagguguaguagguguaua.....	1	1	GDM
....Ggagguaguaggguguaua.....	1	1	GDM
....ugagguaguagguguGu.....	34	1	GDM
....ugagguGguagguguaua.....	7	1	GDM
....ugagguaguaggCuguaua.....	11	1	GDM
....ugagguaguagguguGu.....	34	1	GDM
....u <u>gUgguguagguguaua.....</u>	3	1	GDM
....u <u>gagguguag<u>gUu</u>guaua.....</u>	11	1	GDM
....u <u>gUgguguagguguaua.....</u>	3	1	GDM
....ugagguaguagguguaua.....	7	1	GDM
....ugagguGguaggguguaua.....	5	1	GDM
....ugaUguaguagguguaua.....	1	1	GDM
....ugagguaguagguguau <u>U</u> .....	9	1	GDM
....ug <u>Cgguguagguguaua.....</u>	2	1	GDM
....ugagguaguagguguau <u>U</u> .....	9	1	GDM
....ugagguaguagguguau <u>C</u> .....	1	1	GDM
....ugagguag <u>A</u> agguguaua.....	1	1	GDM
....ugagguaguaggCguaua.....	9	1	GDM
....ugaggua <u>U</u> agguguaua.....	1	1	GDM
....ugagg <u>Ggu</u> agguguaua.....	7	1	GDM
....ugagguaguaggugu <u>Ca</u> .....	9	1	GDM
....ugagguagu <u>C</u> gguguaua.....	2	1	GDM
....ugagguagu <u>ag</u> Uuuguaua.....	11	1	GDM
....ugagguaguaggCuguaua.....	11	1	GDM
....ugagguaguagguguaua.....	1696	0	GDM
....ugagguaguagg <u>Cguaua</u> .....	9	1	GDM
....Agagguguagguguaua.....	2	1	GDM
....ugagguagu <u>Ggg</u> guaua.....	3	1	GDM
....ugag <u>A</u> uguagguguaua.....	4	1	GDM
....ugagguagu <u>U</u> gguguaua.....	1	1	GDM
....ugagguaguagg <u>u</u> Ca.....	9	1	GDM
....Agagguguagguguaua.....	2	1	GDM
....u <u>gGguaguagguguaua.....</u>	11	1	GDM
....ugagg <u>u</u> agguguaua.....	7	1	GDM
....ugagguguagg <u>Cguaua</u> .....	9	1	GDM
....Cgagguguagguguaua.....	11	1	GDM
....ugagguagu <u>ag</u> Uuuguaua.....	11	1	GDM
....ugagguagu <u>Ggg</u> guaua.....	3	1	GDM
....ugagguaguagg <u>u</u> Caua.....	4	1	GDM
....ugagguaguagg <u>u</u> Auaua.....	2	1	GDM
....ugagguaguagg <u>u</u> GuGa.....	1	1	GDM
....ugagguagu <u>A</u> guuguaua.....	3	1	GDM
....ugagguag <u>C</u> gguguaua.....	2	1	GDM
....ugagguagu <u>Ggg</u> guaua.....	3	1	GDM
....ugagguaguagg <u>u</u> Ca.....	9	1	GDM
....ugag <u>A</u> uguagguguaua.....	4	1	GDM
....ugagguaguagg <u>u</u> Gu.....	34	1	GDM
....Cgagguguagguguaua.....	11	1	GDM
....ugagg <u>u</u> ag <u>gg</u> guaua.....	2	1	GDM
....ugaggua <u>u</u> aggguuguaua.....	2	1	GDM
....ugagg <u>u</u> aggguuguaua.....	7	1	GDM
....ugagguguagg <u>A</u> guaua.....	5	1	GDM
....uga <u>Ag</u> uguagguguaua.....	3	1	GDM
....u <u>gGguaguagguguaua.....</u>	11	1	GDM
....Cgagguguagguguaua.....	11	1	GDM
....ugaggua <u>u</u> aggguuguaua.....	2	1	GDM
....ugagguguau <u>A</u> guuguaua.....	3	1	GDM
....u <u>gCgguguagguguaua.....</u>	2	1	GDM
....ugagguguagg <u>u</u> Uuag.....	10	1	GDM
....ug <u>Ugguguagguguaua</u> g.....	17	1	GDM
....ugagguguagg <u>u</u> Guag.....	4	1	GDM
....ugagg <u>u</u> aggguuguauag.....	24	1	GDM
....ugagg <u>u</u> aggguuguauag.....	24	1	GDM
....ugagg <u>u</u> aggguuguauag.....	24	1	GDM
....ugagguguaggguaua <u>Ag</u> .....	9	1	GDM
....ugagguguaggguau <u>Caua</u> g.....	27	1	GDM
....ugagguguaggguu <u>Gaua</u> g.....	2	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacaucaggagauaacuguacagccuccuaguuuuccu

....ugagguaguaggguCguauag.....	49	1	GDM
....ugagguaguCgguguauag.....	2	1	GDM
....uAagguguaguaggguguauag.....	11	1	GDM
....ugagguaguaggguguUuag.....	10	1	GDM
....ugagguaguaggguguauaC.....	34	1	GDM
....ugagguagAagguguauag.....	8	1	GDM
....ugaAguaguaggguguauag.....	22	1	GDM
....ugagguaguaggguugaCag.....	22	1	GDM
....ugagguaguaggguguGuag.....	46	1	GDM
....ugagguaguagggCuguauag.....	39	1	GDM
....ugagguaguagggGguauag.....	1	1	GDM
....ugCgguguaguaggguauag.....	3	1	GDM
....ugagguaguaggguugaCag.....	22	1	GDM
....ugagAuaguaggguauag.....	11	1	GDM
....ugagguaUuagguguauag.....	2	1	GDM
....Ggagguguaggguguauag.....	10	1	GDM
....ugagguaguaAguuguauag.....	19	1	GDM
....Cgagguguaggguguauag.....	47	1	GDM
....ugagguaguaggguguGuag.....	46	1	GDM
....ugagguaguGgguguauag.....	26	1	GDM
....ugagguaguaggguCuauag.....	1	1	GDM
....ugagguaguaggguugAauag.....	1	1	GDM
....ugagAuaguaggguguauag.....	11	1	GDM
....ugUgguguaggguguauag.....	17	1	GDM
....ugagguaguaggguCuag.....	4	1	GDM
....ugGgguguaggguauag.....	45	1	GDM
....ugaggCaguaggguguauag.....	34	1	GDM
....ugaUguaguaggguguauag.....	5	1	GDM
....uAagguguaggguguauag.....	2	1	GDM
....ugagguaguagggCguauag.....	49	1	GDM
....ugagguaCagguguauag.....	39	1	GDM
....Ggagguguaggguguauag.....	10	1	GDM
....ugagUuaguaggguguauag.....	9	1	GDM
....ugagguaguaggguAag.....	9	1	GDM
....ugagguaguaAguuguauag.....	19	1	GDM
....ugagguguagggugCauag.....	27	1	GDM
....ugagguguaggguguCuag.....	4	1	GDM
....ugagguaguaggAuguauag.....	7	1	GDM
....ugagguaguagUuuguauag.....	29	1	GDM
....ugagguaguaggguguauU.....	13	1	GDM
....ugagguaguaggCuguauag.....	39	1	GDM
....ugaggCaguaggguguauag.....	34	1	GDM
....ugagguaguUgguguauag.....	2	1	GDM
....ugagguaguaggguuaA.....	480	1	GDM
....ugagguaguagggCguauag.....	49	1	GDM
....ugagguaguUgguguauag.....	2	1	GDM
....ugaggAaguaggguguauag.....	5	1	GDM
....ugagguagCagguguauag.....	39	1	GDM
....ugagguguagCuuuguauag.....	1	1	GDM
....ugagCuaguaggguguauag.....	1	1	GDM
....ugagguaguagggugCauag.....	27	1	GDM
....ugagguaguaggguuauag.....	9	1	GDM
....ugagguguAggguguauag.....	8	1	GDM
....ugUgguguaggguguauag.....	17	1	GDM
....ugagguaguaggAuguauag.....	7	1	GDM
....ugagguaguaggguuaC.....	34	1	GDM
....ugagguaAuagguguauag.....	9	1	GDM
....ugagguguaggguguauA.....	480	1	GDM
....ugagguaguaggguguauU.....	48	1	GDM
....ugagguaguaggguguauU.....	13	1	GDM
....ugagguaguAuuuguauag.....	2	1	GDM
....Cgagguguaggguguauag.....	47	1	GDM
....ugagguguAguuguauag.....	19	1	GDM
....ugagguguGgguguauag.....	26	1	GDM
....ugGgguguaggguguauag.....	45	1	GDM
....uAagguguaggguguauag.....	2	1	GDM
....ugagguguagggAguauag.....	12	1	GDM
....ugagguguaggguguauag.....	9619	0	GDM
....ugaUguaguaggguguauag.....	5	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacacaaggggagauaacguacagccuccuaguuuuccu

....ugagguaguaggguguauag.....	12	1	GDM
....ugagguaguaggguguauag.....	12	1	GDM
....ugagguaguagggugu <u>U</u> uag.....	10	1	GDM
....ugaCguaguaggguguauag.....	2	1	GDM
....Agagguaguaggguguauag.....	22	1	GDM
....ugagguaguaggguguau <u>U</u> g.....	13	1	GDM
....Ggagguaguaggguguauag.....	10	1	GDM
....ugagguaguagg <u>C</u> guauag.....	39	1	GDM
....ugagguaguagg <u>U</u> guauag.....	29	1	GDM
....ugaUguaguaggguguauag.....	5	1	GDM
....ugagguau <u>U</u> aggguuguauag.....	1	1	GDM
....ugagguaguaggguuguauag.....	9619	0	GDM
....ugagg <u>C</u> guaggguuguauag.....	34	1	GDM
....ug <u>C</u> guaguaggguguauag.....	3	1	GDM
....ugagguagu <u>C</u> guuguauag.....	2	1	GDM
....ug <u>g</u> Guaguaggguuguauag.....	3	1	GDM
....ugagguaguagg <u>A</u> guauag.....	7	1	GDM
....ugagguaguagg <u>U</u> auauag.....	9	1	GDM
....ug <u>g</u> Aguaguaggguuguauag.....	11	1	GDM
....ugagguaguaggguugu <u>C</u> ag.....	22	1	GDM
....ugaAguaguaggguuguauag.....	22	1	GDM
....ugaAguaguaggguuguauag.....	22	1	GDM
....ugagguaguaggguugu <u>G</u> ag.....	6	1	GDM
....ugagguaguagg <u>G</u> uguauag.....	2	1	GDM
....Agagguaguaggguuguauag.....	22	1	GDM
....ugagg <u>C</u> guaggguuguauag.....	1	1	GDM
....ugagguaguaggguugu <u>C</u> g.....	52	1	GDM
....ugagguaguagg <u>G</u> uguauag.....	2	1	GDM
....ugagguaguaggguugu <u>G</u> ag.....	6	1	GDM
....ugagguaguaggguugu <u>A</u> .....	34	1	GDM
....ug <u>G</u> guaguaggguuguauag.....	45	1	GDM
....ugagguaguaggguugu <u>C</u> g.....	52	1	GDM
....ugagguagu <u>G</u> ggguuguauag.....	26	1	GDM
....uAaggguaguaggguuguauag.....	11	1	GDM
....ugagguagu <u>U</u> ggguuguauag.....	2	1	GDM
....ugagguaguaggguugu <u>A</u> .....	480	1	GDM
....ug <u>g</u> guagu <u>G</u> ggguuguauag.....	39	1	GDM
....ugagguaguaggguug <u>G</u> auag.....	2	1	GDM
....ugagguagu <u>U</u> ggguuguauag.....	29	1	GDM
....ugagguaguaggguugu <u>C</u> g.....	52	1	GDM
....ugagguaguaggguugu <u>G</u> uag.....	46	1	GDM
....ug <u>g</u> guau <u>A</u> aggguuguauag.....	9	1	GDM
....ugagguagu <u>A</u> aggguuguauag.....	8	1	GDM
....ugagguau <u>A</u> aggguuguauag.....	9	1	GDM
....uAaggguaguaggguuguauag.....	11	1	GDM
....ugagguaguaggguugu <u>U</u> .....	48	1	GDM
....ugagguaguaggguu <u>A</u> uauag.....	9	1	GDM
....ugagguaguaggguugu <u>A</u> lag.....	9	1	GDM
....ug <u>g</u> guaguaggguuguauag.....	3	1	GDM
....ugagguaguaggguugu <u>U</u> .....	48	1	GDM
....ugagguaguaggguuguauag.....	9619	0	GDM
....Cgagguaguaggguuguauag.....	47	1	GDM
....ugagg <u>A</u> guaguaggguuguauag.....	5	1	GDM
....Agagguaguaggguuguauag.....	22	1	GDM
....ugagguaguaggguug <u>C</u> auagu.....	239	1	GDM
....ug <u>g</u> uaguaggguuguauagu.....	12	1	GDM
....ugagguaguaggguugu <u>A</u> gu.....	20	1	GDM
....ug <u>g</u> guaguaggguuguauagu.....	55	1	GDM
....ugagguaguaggguugu <u>A</u> gu.....	57	1	GDM
....ugagguaguaggguugu <u>A</u> gu.....	57	1	GDM
....ugagguaguaggguug <u>C</u> auagu.....	239	1	GDM
....u <u>U</u> aggguaguaggguuguauagu.....	14	1	GDM
....ugagguaguaggguu <u>U</u> uauagu.....	9	1	GDM
....ug <u>g</u> Aguaguaggguuguauagu.....	76	1	GDM
....ugaCguaguaggguuguauagu.....	4	1	GDM
....ug <u>g</u> uaguaggguuguauagu.....	12	1	GDM
....ugagguagu <u>C</u> guuguauagu.....	11	1	GDM
....ugagguaguaggguGuauagu.....	26	1	GDM
....ugagguaguagggu <u>C</u> guauagu.....	410	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuagaauuuacacaagggagauaacuguacagccuccuagcuuuccu

....ugagguaguaggguguauagA.....	1206	1	GDM
....ugagguaguaggGuguauagu.....	23	1	GDM
....Agagguaguaggguguauagu.....	210	1	GDM
....ugagguaguaggGuguauagu.....	23	1	GDM
....ugagguaguaggguuguaCagu.....	277	1	GDM
....Ggagguaguaggguuguaagu.....	87	1	GDM
....ugagguaguaggguuguaugA.....	1206	1	GDM
....ugagguaguaAguuguaauagu.....	96	1	GDM
....ugagguaguaggguuguaGagu.....	20	1	GDM
....ugagguaguaggguuguaugA.....	1206	1	GDM
....ugaggCaguaggguuguaauagu.....	215	1	GDM
....ugagguaguaggGuuguaagu.....	12	1	GDM
....uAaggguaguaggguuguaauagu.....	121	1	GDM
....ugagguaguaggGuCguauagu.....	410	1	GDM
....ugagguaguaUguuguaauagu.....	25	1	GDM
....Agagguaguaggguuguaauagu.....	210	1	GDM
....ugagguaguaggguuguaauUu.....	28	1	GDM
....ugagguaguaggGuAguauagu.....	100	1	GDM
....ugagguaguaggguuguaauUgu.....	67	1	GDM
....ugagCuaguaggguuguaauagu.....	12	1	GDM
....ugagguaguaggGuuguaauagu.....	56	1	GDM
....ugagguaguCgguguguaauagu.....	11	1	GDM
....ugagguaguUgguguguaauagu.....	66	1	GDM
....ugagguaguaggguuguaucgu.....	12	1	GDM
....uCaggguaguaggguuguaauagu.....	7	1	GDM
....ugagguaguaggGuuguaauagu.....	47	1	GDM
....ugagguaguaggGuUuaauagu.....	9	1	GDM
....ugagguaCuaggguuguaauagu.....	10	1	GDM
....ugagguaguaggGuuguaauagu.....	121	1	GDM
....ugagguaguaggGuAguauagu.....	100	1	GDM
....ugagguaguaCguuguaauagu.....	4	1	GDM
....Cgagguaguaggguuguaauagu.....	367	1	GDM
....ugagguaguaggGuuguaauagu.....	57	1	GDM
....uAaggguaguaggguuguaauagu.....	121	1	GDM
....ugagguaguaggGuuguaauagu.....	47	1	GDM
....ugagguaguaggGuUuaauagu.....	261	1	GDM
....ugdGguaguaggguuguaauagu.....	484	1	GDM
....ugagguaguCgguguguaauagu.....	11	1	GDM
....ugagguaguaCguuguaauagu.....	4	1	GDM
....ugagguaguagUguuguaauagu.....	542	1	GDM
....ugagguaguaggGuuguaauagu.....	23	1	GDM
....ugUgguguaggguuguaauagu.....	108	1	GDM
....ugagguaguaggguuguaauagG.....	297	1	GDM
....ugagguaguaggGuAauagu.....	53	1	GDM
....ugagguaguaggguuguaAu.....	67	1	GDM
....ugagguaguaggguuguaauagG.....	297	1	GDM
....ugagguaguaggguuguaCgu.....	12	1	GDM
....ugagguaguaggGuuguGuagu.....	294	1	GDM
....ugagguaguaggguuguaCagu.....	277	1	GDM
....ugagguaguagUguuguaauagu.....	542	1	GDM
....ugaggCguaggguuguaauagu.....	28	1	GDM
....uCaggguaguaggguuguaauagu.....	7	1	GDM
....ugagguaCuaggguuguaauagu.....	10	1	GDM
....ugagguaguaggguuguaauagu.....	75654	0	GDM
....ugaggCaguaggguuguaauagu.....	215	1	GDM
....ugagguaguaggguuguCuagu.....	8	1	GDM
....ugagguaguaggguuguaagC.....	5278	1	GDM
....ugagguaguUgguguguaauagu.....	261	1	GDM
....ugUgguguaggguuguaauagu.....	108	1	GDM
....Ggagguaguaggguuguaauagu.....	87	1	GDM
....ugGgguguaggguuguaauagu.....	484	1	GDM
....ugagguaguUgguguguaauagu.....	66	1	GDM
....ugaAguaguaggguuguaauagu.....	103	1	GDM
....ugagguaguaggguuguaauCu.....	16	1	GDM
....ugagguCguaggguuguaauagu.....	28	1	GDM
....ugagguaguaggguuguGuagu.....	294	1	GDM
....ugagguaguaggGuuguaauagu.....	56	1	GDM
....ugagguaguaUguuguaauagu.....	25	1	GDM
....ugagguaguaggguugCauagu.....	239	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuagaauuuacacaaggagauaacuguacagccuccuagcuuuccu

....ugagguaguagggu <u>Cguauagu</u> .....	410	1	GDM
....uga <u>Aguguaggguguauagu</u> .....	103	1	GDM
....uga <u>Uguaguaggguguauagu</u> .....	16	1	GDM
....ugagguaguaggguguaua <u>Uu</u> .....	28	1	GDM
....ugagguau <u>Uagguguauagu</u> .....	26	1	GDM
....uga <u>Uguaguaggguguauagu</u> .....	16	1	GDM
....ugagguag <u>Aagguguauagu</u> .....	81	1	GDM
....ugagg <u>Gaguaggguguauagu</u> .....	33	1	GDM
....ugagg <u>Gguaggguguauagu</u> .....	273	1	GDM
....ugagguaguagg <u>Cguauagu</u> .....	379	1	GDM
....ugagguaguaggguguauagu.....	75654	0	GDM
....ugagguaguagg <u>uGuauagu</u> .....	8	1	GDM
....ugagguau <u>Aagguguauagu</u> .....	68	1	GDM
....ugagguagu <u>Ugguguauagu</u> .....	66	1	GDM
....ugagguagu <u>Uguuguauagu</u> .....	25	1	GDM
....ugagguaguagg <u>uGauagu</u> .....	12	1	GDM
....ugagguaguagg <u>uGuauUgu</u> .....	67	1	GDM
....ugagguaguagg <u>guuCagu</u> .....	277	1	GDM
....u <u>Uagguguaggguguauagu</u> .....	14	1	GDM
....ugagguaguagg <u>uGuauGu</u> .....	8	1	GDM
....ugagguaguagg <u>guAguauagu</u> .....	100	1	GDM
....ugagguag <u>Cagguguauagu</u> .....	195	1	GDM
....ug <u>Ugguguaggguguauagu</u> .....	108	1	GDM
....ugagguG <u>guaggguguauagu</u> .....	273	1	GDM
....ugagguaguagg <u>guuGuauagu</u> .....	75654	0	GDM
....ugag <u>Uuaguaggguguauagu</u> .....	9	1	GDM
....ugagguaguagg <u>guuCu</u> .....	16	1	GDM
....ugagguau <u>Aagguguauagu</u> .....	68	1	GDM
....ugagguaguagg <u>uGuauagu</u> .....	26	1	GDM
....ugagguau <u>Uagguguauagu</u> .....	26	1	GDM
....ugagguaguagg <u>uGuauUgu</u> .....	67	1	GDM
....ugagguau <u>Cagguguauagu</u> .....	10	1	GDM
....ug <u>gUuaguaggguguauagu</u> .....	9	1	GDM
....ugagguaguagg <u>uCuauagu</u> .....	8	1	GDM
....ug <u>agUuaguaggguguauagu</u> .....	9	1	GDM
....ugagguaguagg <u>uuaAu</u> .....	67	1	GDM
....u <u>Cagguguaggguauagu</u> .....	7	1	GDM
....ugagguag <u>Cagguguauagu</u> .....	195	1	GDM
....ugagguaguagg <u>uGuauCgu</u> .....	12	1	GDM
....ugagguaguagg <u>uGuauagu</u> .....	26	1	GDM
....ugagguaguagg <u>uuAuauagu</u> .....	121	1	GDM
....ugagguagu <u>Ggguguauagu</u> .....	261	1	GDM
....ugagg <u>Gaguaggguguauagu</u> .....	33	1	GDM
....ugagg <u>Aaguaggguguauagu</u> .....	55	1	GDM
....ugagguaguagg <u>uGuGu</u> .....	294	1	GDM
....ugagguau <u>Aagguguauagu</u> .....	68	1	GDM
....u <u>Uagguguaggguguauagu</u> .....	14	1	GDM
....ugagguagu <u>AgCguauagu</u> .....	57	1	GDM
....ug <u>AgAaguaggguauagu</u> .....	76	1	GDM
....ugagguG <u>guaggguguauagu</u> .....	273	1	GDM
....C <u>agguguaggguauagu</u> .....	367	1	GDM
....ugagguaguagg <u>uGuauagC</u> .....	5278	1	GDM
....ugagguagu <u>AgCguauagu</u> .....	57	1	GDM
....ug <u>aggCguaggguauagu</u> .....	28	1	GDM
....ugagguaguagg <u>uCuauagu</u> .....	8	1	GDM
....ugagguag <u>Aagguguauagu</u> .....	81	1	GDM
....Ag <u>agguguaggguauagu</u> .....	210	1	GDM
....ugagguaguagg <u>uGuauagG</u> .....	297	1	GDM
....ugagguagu <u>agUuuguauagu</u> .....	542	1	GDM
....uga <u>Uguaguaggguauagu</u> .....	16	1	GDM
....ugagguaguagg <u>uGuauCu</u> .....	16	1	GDM
....ugagg <u>Aaguaggguauagu</u> .....	55	1	GDM
....ugagguaguagg <u>uGuGuGag</u> .....	20	1	GDM
....ug <u>Ggguguaggguauagu</u> .....	484	1	GDM
....ugagguaguagg <u>uAuauagu</u> .....	121	1	GDM
....ugagguaguagg <u>uAuAu</u> .....	67	1	GDM
....ugagguaguagg <u>uGuauagu</u> .....	57	1	GDM
....ugagguaguagg <u>uUuagu</u> .....	47	1	GDM
....ugagguag <u>Aaggguauagu</u> .....	81	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacacaaggggagauaacguacagccuccuaguuuuccu

....ugagguaguaggguguauagu.....	9	1	GDM
....Cgagguaguaggguguauagu.....	367	1	GDM
....ugagguaguaggguguauagu.....	12	1	GDM
....ugagguaguaggguguauagu.....	28	1	GDM
....ugagguaguaggguguauagu.....	96	1	GDM
....ugaAguaguaggguguauagu.....	103	1	GDM
....ugagguaguaCguuguauagu.....	4	1	GDM
....ugCggaguaggguguauagu.....	20	1	GDM
....u <u>gagg<u>guaggguguauagu.....</u></u>	195	1	GDM
....ugagguaguaggguguauagu.....	8	1	GDM
....u <u>l<u>agg<u>guaggguguauagu.....</u></u></u>	121	1	GDM
....ugag <u>luaguaggguguauagu.....</u>	76	1	GDM
....ugagg <u>uaUuaggguuguauagu.....</u>	26	1	GDM
....ugagg <u>guaguaAgguuguauagu.....</u>	96	1	GDM
....ugagg <u>guaguaggCguuguauagu.....</u>	379	1	GDM
....ug <u>Cggaguaggguguauagu.....</u>	20	1	GDM
....Ggagg <u>aguaggguguauagu.....</u>	87	1	GDM
....ugagg <u>guaguaggugAauagu.....</u>	53	1	GDM
....ugagg <u>guaguaggAguuauagu.....</u>	56	1	GDM
....ugagg <u>guaguaggAauagu.....</u>	53	1	GDM
....ugaCguaguaggguguauagu.....	4	1	GDM
....ugCggaguaggguguauagu.....	20	1	GDM
....ugagg <u>guaguaggug<u>a</u>uagu.....</u>	5278	1	GDM
....ugagg <u>guaguaggCguuguauagu.....</u>	379	1	GDM
....ugagg <u>Caguaguaggguauagu.....</u>	215	1	GDM
....ugagg <u>guaguaggAguuauagu.....</u>	68	1	GDM
....ugagg <u>Caguaguaggguauagu.....</u>	266	1	GDM
....ugagg <u>guaguaggugCauagu.....</u>	302	1	GDM
....u <u>gagg<u>guaCauaguugguauagu.....</u></u>	4	1	GDM
....ugagg <u>guaguaggguauagu.....</u>	114	1	GDM
....u <u>Gggaguaggguguauagu.....</u>	465	1	GDM
....ugagg <u>guaguaggguu<u>U</u>uagu.....</u>	54	1	GDM
....ugagg <u>guaguaggguau<u>A</u>agu.....</u>	58	1	GDM
....u <u>Agguaguaggguguauagu.....</u>	114	1	GDM
....ugagg <u>guaguaggguauagu<u>C</u>.....</u>	6522	1	GDM
....ugagg <u>guaguaggCguauagu.....</u>	391	1	GDM
....ug <u>Cggaguaggguguauagu.....</u>	15	1	GDM
....ugagg <u>guaguaggguauagu.....</u>	80128	0	GDM
....ugagg <u>guaguaggguau<u>U</u>gu.....</u>	84	1	GDM
....Cagg <u>guaguaggguauagu.....</u>	422	1	GDM
....ugagg <u>u<u>aguCguuguauagu.....</u></u>	250	1	GDM
....ugagg <u>guCguuguauagu.....</u>	8	1	GDM
....ugagg <u>Gguaguaggguauagu.....</u>	39	1	GDM
....ugagg <u>guaguaggGuuauagu.....</u>	23	1	GDM
....u <u>Agguaguaggguguauagu.....</u>	114	1	GDM
....ugagg <u>Gguaguaggguauagu.....</u>	39	1	GDM
....ugagg <u>guaguaggguCuagu.....</u>	9	1	GDM
....ugagg <u>guaguaggguCguauagu.....</u>	391	1	GDM
....u <u>gag<u>Uuaguaggguguauagu.....</u></u>	5	1	GDM
....ugagg <u>guaguaggguau<u>U</u>u.....</u>	15	1	GDM
....ugagg <u>guaguaggguau<u>U</u>u.....</u>	139	1	GDM
....ugagg <u>u<u>Agguaggguguauagu.....</u></u>	83	1	GDM
....u <u>gaUguaguaggguguauagu.....</u>	20	1	GDM
....ugagg <u>guaguaggguau<u>Ag</u>u.....</u>	58	1	GDM
....ugagg <u>guaguaggguau<u>G</u>u.....</u>	10	1	GDM
....ugagg <u>Gguaguaggguauagu.....</u>	39	1	GDM
....ugagg <u>guaguaggCguauagu.....</u>	380	1	GDM
....ugagg <u>guaguaggguau<u>Ag</u>u.....</u>	416	1	GDM
....ugagg <u>guaguaggguau<u>G</u>u.....</u>	10	1	GDM
....ugagg <u>guaguaggguau<u>Ag</u>u.....</u>	51	1	GDM
....ugagg <u>guaguaggguau<u>Ag</u>u.....</u>	1555	1	GDM
....ugagg <u>guaguaggguau<u>Ag</u>u.....</u>	95	1	GDM
....ugagg <u>guaguaggguau<u>Ag</u>u.....</u>	51	1	GDM
....ugagg <u>guaguaggguu<u>U</u>u.....</u>	54	1	GDM
....ugagg <u>guaguaggguau<u>U</u>u.....</u>	15	1	GDM
....ugagg <u>Aguaguaggguauagu.....</u>	62	1	GDM
....ugagg <u>guaguaggguau<u>C</u>agu.....</u>	369	1	GDM
....Ggagg <u>guaguaggguauagu.....</u>	128	1	GDM
....ugagg <u>guaguaggguugCauagu.....</u>	302	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacacaaggagauaacugacagccuccuagcuuuccu

....ugagguaguaggguguauaguuu.....	13	1	GDM
....ugagguaguagg <u>A</u> guauaguuu.....	68	1	GDM
....u <u>U</u> agguaguaggguguauaguuu.....	13	1	GDM
....ug <u>a</u> Cuaguaggguguauaguuu.....	13	1	GDM
....ugagguaguagg <u>G</u> uguauaguuu.....	23	1	GDM
....ugagguagu <u>C</u> guauaguuu.....	8	1	GDM
....uga <u>U</u> guaguaggguguauaguuu.....	20	1	GDM
....ug <u>a</u> Agua <u>u</u> aggguguauaguuu.....	87	1	GDM
....ug <u>agg</u> <u>C</u> guaggguguauaguuu.....	266	1	GDM
....ugagguaguagg <u>u</u> guauaguG.....	301	1	GDM
....ug <u>ag</u> <u>U</u> aguaggguguauaguuu.....	5	1	GDM
....ug <u>agg</u> <u>g</u> aguaggguguauaguuu.....	62	1	GDM
....ug <u>agg</u> <u>g</u> u <u>C</u> guaggguguauaguuu.....	30	1	GDM
....ug <u>gg</u> guaguagg <u>u</u> guauaguuu.....	465	1	GDM
....ug <u>agg</u> <u>g</u> u <u>C</u> guaggguguauaguuu.....	30	1	GDM
....u <u>g</u> a <u>Ag</u> uaguagg <u>u</u> guauaguuu.....	112	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guagg <u>u</u> guauaguuu.....	380	1	GDM
....C <u>g</u> agguaguagg <u>u</u> guauaguuu.....	422	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guagg <u>u</u> guauaguuu.....	38	1	GDM
....ug <u>U</u> guaguagg <u>u</u> guauaguuu.....	102	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guagg <u>u</u> guauagu <u>C</u> aguuu.....	369	1	GDM
....u <u>g</u> a <u>C</u> guaguagg <u>u</u> guauaguuu.....	12	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guagg <u>u</u> guauagu <u>C</u> aguuu.....	302	1	GDM
....ug <u>gg</u> guaguagg <u>u</u> guauaguuu.....	465	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guagg <u>u</u> guauaguuu.....	80128	0	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guagg <u>u</u> guau <u>U</u> guuu.....	84	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guagg <u>u</u> guau <u>U</u> guuu.....	71	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guauaguuu.....	114	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guauaguuu.....	10	1	GDM
....ug <u>gg</u> guaguagg <u>u</u> guauaguuu.....	15	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guauaguuu.....	38	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>U</u> guuu.....	702	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>U</u> guuu.....	9	1	GDM
....Ag <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guauaguuu.....	205	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guauaguuu.....	299	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>C</u> guuu.....	11	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>A</u> uu.....	73	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>Ag</u> Gu.....	58	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>Ag</u> Gu.....	10	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>Ag</u> Gu.....	30	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>Ag</u> Gu.....	4	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>Gu</u> .....	506	1	GDM
....ug <u>U</u> guaguagg <u>u</u> guauaguuu.....	102	1	GDM
....G <u>g</u> agguaguagg <u>u</u> guauaguuu.....	128	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guu <u>Gu</u> .....	506	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guu <u>Gu</u> .....	18	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guu <u>Gu</u> .....	9	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guu <u>Ag</u> .....	6522	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guu <u>Ag</u> .....	32	1	GDM
....u <u>g</u> a <u>Ag</u> guau <u>Ag</u> guau <u>Ag</u> guuu.....	13	1	GDM
....Ag <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu.....	205	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>C</u> .....	6522	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>Ag</u> Gu.....	58	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>Ag</u> Gu.....	301	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>Ag</u> Gu.....	380	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>A</u> uu.....	139	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>A</u> uu.....	15	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>Ag</u> uu.....	23	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>Ag</u> uu.....	266	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>Ag</u> uu.....	48	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guuu <u>Ag</u> uu.....	214	1	GDM
....u <u>g</u> a <u>Ag</u> guau <u>Ag</u> guau <u>Ag</u> guuu.....	12	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>Ag</u> uu.....	51	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>Ag</u> uu.....	48	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>G</u> uu.....	10	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>G</u> uu.....	121	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>A</u> uu.....	139	1	GDM
....ug <u>U</u> guaguagg <u>u</u> guauaguuu.....	102	1	GDM
....ug <u>agg</u> <u>g</u> u <u>Ag</u> guau <u>Ag</u> guau <u>A</u> uu.....	95	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguguagguguauuguuuuagaauuuucacaucaugggggggggauuaacuguacggcucuuuuuccu

....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> guuu.....	62	1	GDM
....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> guuu.....	68	1	GDM
....ugagg <u>u</u> Gguagg <u>u</u> guau <u>u</u> guuu.....	214	1	GDM
....ugagg <u>u</u> Gguagg <u>u</u> guau <u>u</u> guuu.....	214	1	GDM
....uAagg <u>u</u> guagg <u>u</u> guau <u>u</u> guuu.....	114	1	GDM
....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> guuu.....	1555	1	GDM
....ugagg <u>u</u> guCgg <u>u</u> guau <u>u</u> guuu.....	18	1	GDM
....ugagg <u>u</u> guagg <u>u</u> ug <u>A</u> au <u>u</u> guuu.....	58	1	GDM
....ugagg <u>u</u> guagg <u>u</u> ug <u>C</u> uu <u>u</u> guau <u>u</u> guuu.....	11	1	GDM
....u <u>U</u> agg <u>u</u> guagg <u>u</u> ug <u>u</u> au <u>u</u> guuu.....	13	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> guau <u>u</u> guuu.....	250	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> guau <u>u</u> guuu.....	24	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> guau <u>u</u> ag <u>C</u> u.....	416	1	GDM
....u <u>C</u> gg <u>u</u> u <u>u</u> agg <u>u</u> guau <u>u</u> guuu.....	15	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> guau <u>u</u> guuu.....	23	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> au <u>u</u> guuu.....	13	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> au <u>u</u> guuu.....	121	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	32	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	702	1	GDM
....ugag <u>C</u> u <u>u</u> agg <u>u</u> guau <u>u</u> guuu.....	13	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> Guau <u>u</u> guuu.....	38	1	GDM
....ugag <u>A</u> u <u>u</u> agg <u>u</u> guau <u>u</u> guuu.....	87	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> Ag <u>u</u> au <u>u</u> guuu.....	58	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> guau <u>u</u> Cuau <u>u</u> guuu.....	24	1	GDM
....u <u>U</u> agg <u>u</u> u <u>u</u> agg <u>u</u> guau <u>u</u> guuu.....	13	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	78	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	250	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	299	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	13	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	5	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	114	1	GDM
....G <u>g</u> agg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	128	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	84	1	GDM
....Cgagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	422	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> Ag <u>u</u> u.....	58	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	32	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	58	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	78	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	83	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	23	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	73	1	GDM
....u <u>C</u> agg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	1	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	391	1	GDM
....uga <u>C</u> gu <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	12	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	416	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	83	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	702	1	GDM
....ugag <u>A</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	87	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> Guau <u>u</u> .....	506	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guau <u>u</u> .....	73	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guau <u>u</u> .....	58	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guau <u>u</u> .....	48	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	78	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	1555	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	24	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	71	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	299	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	80128	0	GDM
....uga <u>A</u> gu <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	112	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> Cuu.....	2	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	18	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	301	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	8	1	GDM
....Agagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	205	1	GDM
....uga <u>A</u> gu <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	112	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	121	1	GDM
....uga <u>U</u> gu <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	20	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	71	1	GDM
....ugagg <u>u</u> u <u>u</u> agg <u>u</u> u <u>u</u> guau <u>u</u> guuu.....	369	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuuagaauuuacacaaggagauaacguacagccuccuaguuuuccu

....ugaggua <u>Uaggguuguauaguu</u> .....	23	1	GDM
....ugaggua <u>Aaggguuguauaguu</u> .....	95	1	GDM
....ugaggua <u>GuaggguuguauCguu</u> .....	11	1	GDM
....ugaggua <u>GuaggguuguauUaguu</u> .....	54	1	GDM
....ugaggua <u>GuaggguuguauGaguu</u> .....	10	1	GDM
....ugaggua <u>GuaggguuguauAguuu</u> .....	1	1	GDM
....ugagg <u>Caguaggguuguauaguu</u> .....	3	1	GDM
....ugagg <u>uaguCggguuguauaguu</u> .....	1	1	GDM
....u <u>gUggguuguaggguuguauaguu</u> .....	1	1	GDM
....u <u>gaggguuguaggguCauaguuu</u> .....	3	1	GDM
....u <u>gaggCaguaggguuguauaguu</u> .....	3	1	GDM
....u <u>gaggguuguaggCuguauaguuu</u> .....	3	1	GDM
....u <u>gaggguuguaggCguauaguuu</u> .....	6	1	GDM
....u <u>gaggguuguaggguauaguuC</u> .....	45	1	GDM
....u <u>gaggguuguaggguauaguuC</u> .....	3	1	GDM
....u <u>gaggguuguaggguCguauaguuu</u> .....	3	1	GDM
....u <u>gaggguuguaggguCguauaguuu</u> .....	6	1	GDM
....u <u>gaggguuguaggguauaguuu</u> .....	772	0	GDM
....u <u>gaggguuguaggguauaguuA</u> .....	280	1	GDM
....u <u>gaggguag<u>GGgguguauaguu</u></u> .....	13	1	GDM
....u <u>gaggguag<u>GGgguguauaguu</u></u> .....	2	1	GDM
....u <u>gaggguag<u>Gggguuguauaguu</u></u> .....	4	1	GDM
....u <u>gaggguag<u>Gggguuguauaguu</u></u> .....	3	1	GDM
....u <u>gaggguag<u>GggguuguauaguuC</u></u> .....	772	0	GDM
....u <u>gaggguag<u>GggguuguauaguuC</u></u> .....	3	1	GDM
....u <u>gaggguag<u>Uggguuguauaguu</u></u> .....	4	1	GDM
....u <u>gaggguag<u>Uggguuguauaguu</u></u> .....	128	1	GDM
....u <u>gagg<u>Aaguaggguuguauaguu</u></u> .....	1	1	GDM
....u <u>gagg<u>AaguaggguuguauaguuA</u></u> .....	280	1	GDM
....u <u>gGgg<u>uaggguuguauaguu</u></u> .....	7	1	GDM
....u <u>gagggu<u>Gggguuguauaguu</u></u> .....	4	1	GDM
....u <u>gagggu<u>GggguuguauaguuC</u></u> .....	45	1	GDM
....u <u>gagggu<u>Guaggguuguauaguu</u></u> .....	3	1	GDM
....u <u>gagggu<u>Guaggguuguauaguu</u></u> .....	4	1	GDM
....u <u>gGgu<u>uaggguuguauaguu</u></u> .....	7	1	GDM
....u <u>gGgu<u>uaggguuguauaguu</u></u> .....	7	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	6	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	3	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	3	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	4	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	6	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	1	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	1	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	1	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	3	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	1	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	1	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	5	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	1	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	128	1	GDM
....u <u>gagggu<u>uaggguCguauaguuu</u></u> .....	1	1	GDM
....u <u>gagggu<u>uaggguCguauaguuuA</u></u> .....	280	1	GDM
....u <u>gagggu<u>Cguaggguuguauaguu</u></u> .....	4	1	GDM
....u <u>gagggu<u>Gggguuguauaguu</u></u> .....	13	1	GDM
....u <u>gagggu<u>Gggguuguauaguu</u></u> .....	2	1	GDM
....u <u>gagggu<u>GuaggguuguauaguuG</u></u> .....	128	1	GDM
....u <u>gagggu<u>Guaggguuguauaguu</u></u> .....	1	1	GDM
....u <u>gagggu<u>Guaggguuguauaguu</u></u> .....	1	1	GDM
....u <u>gagggu<u>Guaggguuguauaguu</u></u> .....	772	0	GDM
....u <u>gagggu<u>Guaggguuguauaguu</u></u> .....	2	1	GDM
....u <u>gagggu<u>GuaggguuguGuaguu</u></u> .....	5	1	GDM
....u <u>gagggu<u>GuaggguuguGuaguu</u></u> .....	128	1	GDM
....u <u>gagggu<u>GuaggguuguGuaguu</u></u> .....	1	1	GDM
....u <u>gagggu<u>GuaggguuguGuaguu</u></u> .....	1	1	GDM
....u <u>gagggu<u>GuaggguuguGuaguuA</u></u> .....	280	1	GDM
....u <u>gagggu<u>Cguaggguuguauaguu</u></u> .....	4	1	GDM
....u <u>gagggu<u>Gggguuguauaguu</u></u> .....	13	1	GDM
....u <u>gagggu<u>GuaggguuguauaguuAa</u></u> .....	19	1	GDM
....u <u>gagggu<u>GuaggguuguauaguuAa</u></u> .....	19	1	GDM
....u <u>gagggu<u>Guaggguuguauaguuua</u></u> .....	1	0	GDM
....u <u>gagggu<u>Guaggguuguauaguuua</u></u> .....	1	1	GDM
....u <u>gagggu<u>GuaggguuguauaguuGa</u></u> .....	8	1	GDM

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguguagguguauuaguuuuagaauuuucacaucaugggggggggggauuaacuguacugcccuccuuuccu

....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu <u>u</u> u <u>u</u> Ga.....	8	1	GDM
....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> Aa.....	19	1	GDM
....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> C.....	1	1	GDM
....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> Ga.....	8	1	GDM
....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> Aag.....	1	1	GDM
....ugagg <u>u</u> guagg <u>u</u> guau <u>u</u> Gag.....	3	1	GDM
....gagg <u>u</u> guagg <u>u</u> guau <u>u</u> ag.....	1	0	GDM
....gagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	17	0	GDM
....gagg <u>u</u> guagg <u>u</u> guau <u>u</u> agC.....	1	1	GDM
....gagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	17	0	GDM
....gagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	9	0	GDM
....gagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	9	0	GDM
....gagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	2	1	GDM
....Uagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	3	1	GDM
....gagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	9	0	GDM
....Aagg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	2	1	GDM
....gagg <u>u</u> guagg <u>u</u> Cguau <u>u</u> agu.....	1	1	GDM
....agg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	1	0	GDM
....agg <u>u</u> guagg <u>u</u> Aguau <u>u</u> agu.....	1	1	GDM
....agg <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	1	0	GDM
....agg <u>u</u> u <u>u</u> ag <u>u</u> guau <u>u</u> aguuu.....	2	1	GDM
....Ugu <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	2	1	GDM
....gu <u>u</u> guagg <u>u</u> guau <u>u</u> agGu.....	1	1	GDM
....gu <u>u</u> guagg <u>u</u> guau <u>u</u> agu.....	1	0	GDM
....Cu <u>g</u> agg <u>u</u> guagg <u>u</u> guaua.....	3	1	Z2_-
....Cu <u>g</u> agg <u>u</u> guagg <u>u</u> guauagu.....	11	1	Z2_-
....Cu <u>g</u> agg <u>u</u> guagg <u>u</u> guauagu.....	9	1	Z2_-
....u <u>g</u> agg <u>u</u> guagg <u>u</u> gu <u>u</u> g <u>C</u> au.....	5	1	Z2_-
....u <u>g</u> agg <u>u</u> guagg <u>u</u> gu <u>u</u> g <u>U</u> u.....	2	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> ag <u>g</u> gu <u>u</u> guau.....	1	1	Z2_-
....u <u>g</u> agg <u>u</u> guagg <u>u</u> guauA.....	27	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> ag <u>g</u> gu <u>u</u> au.....	2	1	Z2_-
....u <u>g</u> agg <u>g</u> Cguagg <u>u</u> guau.....	7	1	Z2_-
....u <u>g</u> agg <u>u</u> guagg <u>u</u> Cguau.....	19	1	Z2_-
....Cg <u>g</u> agg <u>u</u> guagg <u>u</u> guau.....	11	1	Z2_-
....u <u>g</u> Cguagg <u>u</u> guagg <u>u</u> au.....	1	1	Z2_-
....Gg <u>g</u> agg <u>u</u> guagg <u>u</u> guau.....	1	1	Z2_-
....u <u>g</u> agg <u>g</u> Gguagg <u>u</u> guau.....	3	1	Z2_-
....u <u>g</u> agg <u>u</u> guagg <u>u</u> u <u>u</u> au.....	1	1	Z2_-
....u <u>g</u> agg <u>u</u> guagg <u>u</u> u <u>u</u> Aau.....	1	1	Z2_-
....u <u>g</u> agg <u>g</u> Aguagg <u>u</u> guau.....	1	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> ag <u>g</u> gu <u>u</u> au.....	2	1	Z2_-
....u <u>g</u> agg <u>g</u> u <u>u</u> Ugg <u>u</u> guau.....	22	1	Z2_-
....u <u>g</u> agg <u>g</u> Aguagg <u>u</u> guau.....	2	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> ag <u>u</u> gu <u>u</u> au.....	338	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> ag <u>g</u> gu <u>u</u> uC.....	129	1	Z2_-
....u <u>g</u> A <u>g</u> u <u>u</u> guagg <u>u</u> guau.....	4	1	Z2_-
....u <u>g</u> Ugg <u>u</u> guagg <u>u</u> guau.....	3	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> ag <u>g</u> gu <u>u</u> au.....	1	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> ag <u>g</u> gu <u>u</u> au.....	2	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> ag <u>g</u> gu <u>u</u> au.....	2097	0	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	9	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	1	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	2	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	8	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	3	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	1	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	7	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	2	1	Z2_-
....A <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	2	1	Z2_-
....u <u>g</u> G <u>g</u> guagg <u>u</u> guaua.....	6	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	1	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	2	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	4	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	417	0	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	2	1	Z2_-
....u <u>g</u> Ugg <u>u</u> guagg <u>u</u> guau.....	1	1	Z2_-
....u <u>g</u> agg <u>u</u> u <u>u</u> u <u>u</u> guau.....	2	1	Z2_-

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuagaauuuacaucaaggggagauaacuguacagccuccuaguuuuccu

....uAagguguaguaggguguaua.....	1	1	Z2_
....ugagguaguaggguguaua.....	2	1	Z2_
....ugagguaguaggguguaua.....	1	1	Z2_
....ugagguaguaggCuguaua.....	1	1	Z2_
....ugagguaguagUuguaua.....	9	1	Z2_
....ugagguaguagguguaCa.....	3	1	Z2_
....ugagguagAagguguaua.....	1	1	Z2_
....ugagguagCagguguaua.....	3	1	Z2_
....ugagguaguGgguguaua.....	2	1	Z2_
....ugagguaguUgguguaua.....	1	1	Z2_
....ugagguaUagguguaua.....	2	1	Z2_
....ugagguaguaggugCaua.....	1	1	Z2_
....ugagguaguaUguuguauaag.....	4	1	Z2_
....ugagUuaguagguguauaag.....	1	1	Z2_
....ugagguCguagguguauaag.....	1	1	Z2_
....ugagguaAagguguauaag.....	2	1	Z2_
....Agagguguagguguauaag.....	5	1	Z2_
....ugagguaguagguguaCa.....	8	1	Z2_
....ugagguaguagguguauaag.....	8	1	Z2_
....ugaggAaguagguguauaag.....	1	1	Z2_
....ugagguagCagguguauaag.....	8	1	Z2_
....ugUgguguagguguauaag.....	11	1	Z2_
....ugagguaguagUugguguauaag.....	8	1	Z2_
....ugagguaguagguguGuag.....	9	1	Z2_
....ugagguaguaggugCguauaag.....	10	1	Z2_
....ugagguaguagguguaA.....	120	1	Z2_
....ugagguguagguguauaag.....	6	1	Z2_
....ugagguaguaggugCauag.....	17	1	Z2_
....ugagguguagguguaAag.....	3	1	Z2_
....ugaAaguagguguauaag.....	7	1	Z2_
....ugagAaguagguguauaag.....	1	1	Z2_
....ugagguaguagguguauaag.....	2949	0	Z2_
....ugGgguguagguguauaag.....	18	1	Z2_
....ugagguaguaAguuguauaag.....	3	1	Z2_
....ugaggGaguagguguauaag.....	1	1	Z2_
....ugaUguaguagguguauaag.....	2	1	Z2_
....ugagguguagguguauaag.....	1	1	Z2_
....uAagguguagguguauaag.....	1	1	Z2_
....ugagguguGgguguauaag.....	1	1	Z2_
....ugagguguagguguauaU.....	10	1	Z2_
....ugagguaguagguguauaCag.....	6	1	Z2_
....ugagguaguaggugGguauaag.....	1	1	Z2_
....ugagguaUagguguauaag.....	2	1	Z2_
....ugagguagAagguguauaag.....	1	1	Z2_
....ugagguaguUgguguauaag.....	5	1	Z2_
....ugagguaguaggAguauaag.....	2	1	Z2_
....Cgagguguagguguauaag.....	18	1	Z2_
....ugaggCaguagguguauaag.....	8	1	Z2_
....ugagguguaggCuguauaag.....	15	1	Z2_
....ugagguguaggCuguauagu.....	127	1	Z2_
....ugaggGaguagguguauagu.....	19	1	Z2_
....ugagguguaggugAauagu.....	22	1	Z2_
....ugagguguaguUgguguauagu.....	16	1	Z2_
....ugagguguaggugGauagu.....	3	1	Z2_
....ugagguguaggugGuagu.....	124	1	Z2_
....ugagguguagguguaCu.....	1	1	Z2_
....ugagguguagguguaagu.....	7	1	Z2_
....ugagguguagguguaagu.....	28443	0	Z2_
....ugagguguaggAguauagu.....	22	1	Z2_
....Cgagguguagguguaagu.....	128	1	Z2_
....ugagguguagguaAguauagu.....	27	1	Z2_
....ugagguguagguguaaguagG.....	90	1	Z2_
....ugagguaAagguguauagu.....	19	1	Z2_
....ugagguaCuagguguauagu.....	1	1	Z2_
....ugagguguagguguaAagu.....	17	1	Z2_
....ugagguguagguguCuagu.....	6	1	Z2_
....ugagAaguagguguauagu.....	39	1	Z2_
....ugagguguagguguauaC.....	1702	1	Z2_
....ugaUguaguagguguauagu.....	7	1	Z2_

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguaguaggguguauaguuagaauuuacacaaggagauaacuguacagccuccuaguuuuccu

....ugagguaguGgguguauagu.....	98	1	Z2_
....ugUgguguaggguguauagu.....	31	1	Z2_
....ugCgguguaggguguauagu.....	4	1	Z2_
....ugagguaguaggugua <u>agu</u> .....	8	1	Z2_
....ugagguaguaggugua <u>Ugu</u> .....	29	1	Z2_
....ugagguaguaggugua <u>agA</u> .....	263	1	Z2_
....ugagguaguaggugua <u>Agagu</u> .....	3	1	Z2_
....ugagg <u>Caguaggugua<u>agu</u></u> .....	82	1	Z2_
....ugagg <u>uguaggug<u>agu</u></u> .....	101	1	Z2_
....ugagg <u>uguaggug<u>ua</u></u> .....	18	1	Z2_
....ugagg <u>uguagggu<u>Cuau</u></u> .....	3	1	Z2_
....ugagg <u>uguau<u>Ugu</u></u> .....	5	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	35	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	9	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	3	1	Z2_
....ugagg <u>uag<u>Ugguguau</u></u> .....	91	1	Z2_
....ugagg <u>ua</u> .....	6	1	Z2_
....uga <u>Aguaggugua<u>agu</u></u> .....	54	1	Z2_
....Ggagg <u>uguaggug<u>ua</u></u> .....	29	1	Z2_
....ugagg <u>aguCgguguau</u> .....	5	1	Z2_
....u <u>Agguaguaggugua<u>agu</u></u> .....	42	1	Z2_
....ugagg <u>uguaggug<u>u</u></u> .....	85	1	Z2_
....ugagg <u>uguag<u>Uu</u></u> .....	122	1	Z2_
....ugagg <u>uguagg<u>gu</u></u> .....	141	1	Z2_
....ugagg <u>Aaguaggug<u>ua</u></u> .....	20	1	Z2_
....ugagg <u>agu<u>Cguau</u></u> .....	7	1	Z2_
....u <u>Agguaguaggugua<u>agu</u></u> .....	11	1	Z2_
....ugag <u>Uu</u> .....	5	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	8	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	43	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	93	1	Z2_
....ugagg <u>uguau<u>Agu</u></u> .....	34	1	Z2_
....Agagg <u>uguagg<u>ua</u></u> .....	51	1	Z2_
....ugGgguguagg <u>ua</u> .....	176	1	Z2_
....ugagg <u>uguagg<u>u</u></u> .....	13	1	Z2_
....ugagg <u>uag<u>Agguau</u></u> .....	28	1	Z2_
....ugagg <u>uagg<u>gu</u></u> .....	8	1	Z2_
....u <u>Cagguguaggug<u>ua</u></u> .....	3	1	Z2_
....ugagg <u>Gaguaggug<u>ua</u></u> .....	13	1	Z2_
....ugagg <u>uagg<u>gu</u></u> .....	8	1	Z2_
....ugagg <u>uguau<u>Ugu</u></u> .....	3	1	Z2_
....ugagg <u>ua</u> .....	6	1	Z2_
....ugagg <u>uguagg<u>u</u></u> .....	12	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	35	1	Z2_
....ugGgguguagg <u>ua</u> .....	183	1	Z2_
....ugagg <u>uguagg<u>u</u></u> .....	11	1	Z2_
....ug <u>Ugguguagg<u>ua</u></u> .....	37	1	Z2_
....ugagg <u>uguGgguguau</u> .....	106	1	Z2_
....Ggagg <u>uguagg<u>ua</u></u> .....	35	1	Z2_
....ugagg <u>Caguagg<u>ua</u></u> .....	110	1	Z2_
....uCgguguagg <u>ua</u> .....	13	1	Z2_
....uga <u>Aguaggug<u>ua</u></u> .....	40	1	Z2_
....ugagg <u>Uguaggug<u>ua</u></u> .....	25	1	Z2_
....ugagg <u>uagg<u>gu</u></u> .....	17	1	Z2_
....ugag <u>Uaguaggug<u>ua</u></u> .....	3	1	Z2_
....ugagg <u>uagg<u>ua</u></u> .....	21	1	Z2_
....ugagg <u>uagg<u>ua</u></u> .....	21	1	Z2_
....Agagg <u>uagg<u>ua</u></u> .....	72	1	Z2_
....ugagg <u>uagg<u>u</u></u> .....	3	1	Z2_
....ugagg <u>uagg<u>ua</u></u> .....	25	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	113	1	Z2_
....ugagg <u>uguagg<u>u</u></u> .....	54	1	Z2_
....ugagg <u>ugu<u>Ugguguau</u></u> .....	14	1	Z2_
....ugagg <u>uguagg<u>ua</u></u> .....	7	1	Z2_
....ugagg <u>uguagg<u>u</u></u> .....	110	1	Z2_
....ugagg <u>uguagg<u>u</u></u> .....	75	1	Z2_
....ugagg <u>uag<u>Uu</u></u> .....	197	1	Z2_
....ugagg <u>uagg<u>ua</u></u> .....	1995	1	Z2_
....ugagg <u>ua</u> .....	3	1	Z2_

**hsa-let-7a-5p**

**hsa-let-7a-2-3p**

aggugagguguaggguguauaguuuagaauuuacacaagggagauaacguacagccuccuaguuuuccu

....ugagguguaggguguauaguuu.....	23	1	Z2_
....Cgagguguaggguguauaguuu.....	150	1	Z2_
....ugag <u>U</u> uagguguauaguuu.....	2	1	Z2_
....uAagguguaggguguauaguuu.....	47	1	Z2_
....ugagguguaggguguauaguuu.....	140	1	Z2_
....ugagguguaggguguauaguuu.....	100	1	Z2_
....ugagguguaggguguauaguuu.....	6	1	Z2_
....uga <u>U</u> uagguguauaguuu.....	5	1	Z2_
....uagg <u>U</u> uagguguauaguuu.....	29	1	Z2_
....uagg <u>U</u> uagguguauaguuu.....	2	1	Z2_
....ugagguguaggguguauaguuu.....	359	1	Z2_
....ugagguguauagg <u>G</u> uauaguuu.....	7	1	Z2_
....ugagguguauag <u>C</u> uauaguuu.....	8	1	Z2_
....ugagg <u>U</u> uagguguauaguuu.....	40	1	Z2_
....ugagguguau <u>C</u> uauaguuu.....	9	1	Z2_
....ugagguguau <u>A</u> gguguauaguuu.....	39	1	Z2_
....ugagguguau <u>G</u> agguguauaguuu.....	2	1	Z2_
....ugagguguau <u>C</u> agguguauaguuu.....	78	1	Z2_
....ugagg <u>U</u> uagguguauaguuu.....	38	1	Z2_
....u <u>U</u> agguguauagguguauaguuu.....	3	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	9	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	30670	0	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	171	1	Z2_
....ugagguguau <u>C</u> ggguug <u>U</u> uaguuu.....	3	1	Z2_
....ugagguguauagggu <u>U</u> uaguuu.....	21	1	Z2_
....ugagguguauagggu <u>A</u> guauaguuu.....	38	1	Z2_
....ugagguguauagggu <u>U</u> guauaguuu.....	162	1	Z2_
....ugagguguauagg <u>C</u> guauaguuu.....	135	1	Z2_
....ugagguguauagggu <u>C</u> guauaguuu.....	1	1	Z2_
....ugagg <u>U</u> uaggguug <u>U</u> uaguuu.....	1	1	Z2_
....ugagg <u>U</u> uaggguug <u>U</u> uaguuu.....	3	1	Z2_
....ugagg <u>U</u> uaggguug <u>U</u> uaguuu.....	1	1	Z2_
....ugagguguauagggu <u>A</u> guuu.....	1	1	Z2_
....ugagguguauagg <u>C</u> guauaguuu.....	4	1	Z2_
....uga <u>U</u> uaggguug <u>U</u> uaguuu.....	9	1	Z2_
....ugagguguauagggu <u>G</u> u....	64	1	Z2_
....ug <u>G</u> ggguauaggguug <u>U</u> uaguuu.....	1	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	350	0	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	1	1	Z2_
....ug <u>G</u> ggguauaggguug <u>U</u> uaguuu.....	2	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	2	1	Z2_
....ugagguguau <u>G</u> ggguug <u>U</u> uaguuu.....	2	1	Z2_
....ugagguguau <u>G</u> ggguug <u>U</u> uaguuu.....	4	1	Z2_
....ugagguguau <u>G</u> ggguug <u>U</u> uaguuu.....	1	1	Z2_
....Cgagguguauaggguug <u>U</u> uaguuu.....	4	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	3	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	35	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	3	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	7	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	160	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	1	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	2	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	3	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	13	1	Z2_
....ugagguguauaggguug <u>U</u> uaguuu.....	4	0	Z2_
....gaggguauaggguug <u>U</u> uaguuu.....	1	1	Z2_
....Uggguauaggguug <u>U</u> uaguuu.....	3	1	Z2_
....aggguauaggguug <u>U</u> uaguuu.....	6	1	Z2_
....guaguauaggguug <u>U</u> uaguuu.....	1	0	Z2_