



5' -	-3'	obs	
		exp	
		known	
	reads	mm	sample
cccagcgaugaccucucuaacaaggugcagagc <u>uuagcugauu</u> ggugaacagugauugguuuccgc <u>uuug</u> uucacaguggc <u>uaaguu</u> cugcaccugaagagaagguga	2	0	hsa
cccagcgaugaccucucuaacaaggugcagagc <u>uuagcugauu</u> ggugaacagugauugguuuccgc <u>uuug</u> uucacaguggc <u>uaaguu</u> cugcaccugaagagaagguga	1	1	hsa
cccagcgaugaccucucuaacaaggugcagagc <u>uuagcugauu</u> ggugaacagugauugguuuccgc <u>uuug</u> uucacaguggc <u>uaaguu</u> cugcaccugaagagaagguga	1	1	hsa
.....(((((((.....((((((((((((((((((((.....((((((((.....(((.....)))..))))))))))..))))))))))))))))..))))..))))..	2	1	hsa
.....cagagc <u>uuagcugauu</u> ggugaac.....	1	1	hsa
.....cagagc <u>uuagcugauu</u> ggugaaca.....	1	1	hsa
.....cagagc <u>uuagcugauu</u> gguaAaaca.....	1	1	hsa
.....cagagc <u>uuagcugauu</u> ggugaaUa.....	2	1	hsa
.....cagagc <u>uuagcugauu</u> ggugaacU.....	1	1	hsa
.....cagagc <u>uuagcugauu</u> ggugaaca.....	36	0	hsa
.....agagc <u>uuagcuga</u> Cugguga.....	1	1	hsa
.....agagc <u>uuagcugauu</u> gguga.....	15	0	hsa
.....agagc <u>uuagcugauu</u> ggugaa.....	18	0	hsa
.....Ugagc <u>uuagcugauu</u> ggugaa.....	1	1	hsa
.....agagc <u>uuagcugauu</u> ggCgaa.....	1	1	hsa
.....agagc <u>uuagcugauu</u> ggugaac.....	40	0	hsa
.....Ugagc <u>uuagcugauu</u> ggugaaca.....	1	1	hsa
.....agaU <u>cuuagcugauu</u> ggugaaca.....	1	1	hsa
.....aUagc <u>uuagcugauu</u> ggugaaca.....	1	1	hsa
.....agagc <u>uuagcugauu</u> ggugGaca.....	1	1	hsa
.....agagc <u>uuagcuga</u> Guggugaaca.....	1	1	hsa
.....agagc <u>uuagcA</u> gauuggugaaca.....	1	1	hsa
.....Cgagc <u>uuagcugauu</u> ggugaaca.....	1	1	hsa
.....agagc <u>uuagcugauu</u> ggugaaUa.....	10	1	hsa
.....agagc <u>uuagcuA</u> auuggugaaca.....	3	1	hsa
.....agagc <u>uuagcugauu</u> ggCgaaca.....	1	1	hsa
.....agagc <u>uuagcugauu</u> ggugaacC.....	1	1	hsa
.....agagc <u>uuagcugauu</u> ggugaacU.....	6	1	hsa
.....agagc <u>uuagcugauu</u> gguaaaca.....	3	1	hsa
.....agagc <u>uuagcugauu</u> ggugUaca.....	1	1	hsa
.....agagc <u>uuagcugauu</u> ggugaacG.....	1	1	hsa
.....agagc <u>uuagcuC</u> auuggugaaca.....	1	1	hsa
.....agagc <u>uuagcugauu</u> gguaAaaca.....	4	1	hsa
.....agagc <u>uuagcugauu</u> gUgaaca.....	1	1	hsa
.....Ngagc <u>uuagcugauu</u> ggugaaca.....	1	1	hsa
.....agagc <u>uuagcugauu</u> ggugaaca.....	325	0	hsa

Star

Mature

cccagcgaugaccucuaacaaggugc	agagcuuagcugauuggugaaca	gugauugguuuccgcuuuguuacacaguggcuuaguucugc	accugaaagagaagguga			
.....	agagUuuagcugauuggugaaca	.....		1	1	hsa
.....	aUagcuuagcugauuggugaacag	.....		1	1	hsa
.....	agagcuuagcugauuggugaUag	.....		1	1	hsa
.....	agagcuuagcugauuggugaacaU	.....		2	1	hsa
.....	agagcuuagcugauuggugaacag	.....		108	0	hsa
.....	agagcuuagcugauAggugaacag	.....		1	1	hsa
.....	agagcuuagcugauuggugaacaA	.....		1	1	hsa
.....	agagcuuagcCgauuggugaacag	.....		1	1	hsa
.....	agagcuuagcugauuggugaacGg	.....		1	1	hsa
.....	agCgcuuagcugauuggugaacag	.....		1	1	hsa
.....	agagcuuagcugauuggugaacagu	.....		62	0	hsa
.....	Ugagcuuagcugauuggugaacagu	.....		1	1	hsa
.....	agagcuuagcugauuggugaacagA	.....		3	1	hsa
.....	agagcuuagcugauuggugaacaguA	.....		1	1	hsa
.....	gagcuuagcugauuggugaac	.....		1	0	hsa
.....	gagcuUGgcugauuggugaaca	.....		2	1	hsa
.....	gagcuuagcugauuggugaUa	.....		1	1	hsa
.....	gagcuuagcugauuggugaaca	.....		2	0	hsa
.....	gagcuuagcugauuggugaacag	.....		1	0	hsa
.....	agcuuagcugauuggugaacagu	.....		1	0	hsa
.....	agugCuugguuuccgcuuugu	.....		1	1	hsa
.....	agugauugguuuccgcuuugu	.....		1	0	hsa
.....	gugauugguuuccgcuuug	.....		1	0	hsa
.....	uuuguacacaguggcuuaguucu	.....		2	0	hsa
.....	uguuacacaguggcuuaguucu	.....		1	0	hsa
.....	uCuucacaguggcuuaguucugc	.....		1	1	hsa
.....	guucacaguggcuuaguuu	.....		3	0	hsa
.....	Cuucacaguggcuuaguuc	.....		1	1	hsa
.....	guucacaguggcuuaguuc	.....		13	0	hsa
.....	guucacaguggcuuaguucu	.....		7	0	hsa
.....	guucacaUuggcuuaguucug	.....		1	1	hsa
.....	guucacaguggcuuaguucug	.....		17	0	hsa
.....	Cuucacaguggcuuaguucugc	.....		4	1	hsa
.....	guucacaguggcuuCguucugc	.....		1	1	hsa
.....	guucacaguggcuuaguucugA	.....		2	1	hsa
.....	guucacaguggcuuaguucugc	.....		136	0	hsa
.....	guucacaguggcuuaguucugU	.....		2	1	hsa
.....	guucacaguggcuuaguucuUc	.....		1	1	hsa
.....	guucacaUuggcuuaguucugc	.....		1	1	hsa
.....	guucacaguggcuuagCucugc	.....		1	1	hsa
.....	guucacCguggcuuaguucugc	.....		2	1	hsa
.....	guucacaguggcuuaguucugca	.....		13	0	hsa
.....	guucacaguggcuuaguucugcU	.....		5	1	hsa
.....	guucacaguggcuuaguucugcaU	.....		3	1	hsa
.....	guucacaguggcuuaguucugcaA	.....		8	1	hsa
.....	uucacaguggcuuUuuc	.....		3	1	hsa
.....	uucacaguggcuuaguUA	.....		5	1	hsa
.....	uucCaguggcuuaguuc	.....		1	1	hsa
.....	uucGcaguggcuuaguuc	.....		2	1	hsa
.....	Aucacaguggcuuaguuc	.....		1	1	hsa
.....	uucacaguggcuuagAuc	.....		3	1	hsa
.....	Nucacaguggcuuaguuc	.....		3	1	hsa
.....	uucacaguggcuuagGuc	.....		3	1	hsa
.....	uucacagCggcuuaguuc	.....		2	1	hsa
.....	uucacUguggcuuaguuc	.....		1	1	hsa
.....	uucacaguggcuGaguuc	.....		1	1	hsa
.....	uucacaguggcuUguuc	.....		1	1	hsa
.....	uucacaguggcuuaguU	.....		4	1	hsa
.....	Cucacaguggcuuaguuc	.....		1	1	hsa
.....	uucacaguggcuuaguGc	.....		1	1	hsa
.....	uucacaguggcuuaguuc	.....		1239	0	hsa
.....	uucacagAggcuuaguuc	.....		2	1	hsa
.....	uucacaguggcuuCguuc	.....		1	1	hsa
.....	uucacaguggcuuaguucu	.....		1129	0	hsa
.....	uucGcaguggcuuaguucu	.....		1	1	hsa
.....	uucacaguggcuuCguucu	.....		2	1	hsa
.....	uucacagugAcuaaguucu	.....		3	1	hsa
.....	uuAacaguggcuuaguucu	.....		1	1	hsa
.....	uucacaguggcuuagNucu	.....		1	1	hsa
.....	uucUcaguggcuuaguucu	.....		2	1	hsa

Star

Mature

cccagcgaugaccucuaacaaggugcagagcuuagcugauuggugaacagugauugguuuccgcuuuguuucacaguggcuuagguuuccaccugaagagaagguga

.....uucacaguggcuuagguuA.....	9	1	hsa
.....uucacaguggcuuagguuG.....	3	1	hsa
.....uucacaAuggcuuagguu.....	1	1	hsa
.....uucacUguggcuuagguu.....	1	1	hsa
.....uucacaguggGuaagguu.....	1	1	hsa
.....uucacaguggUuaagguu.....	1	1	hsa
.....uucCcaguggcuuagguu.....	2	1	hsa
.....uucacGguggcuuagguu.....	1	1	hsa
.....uucacaguggcuuAaCuuc.....	1	1	hsa
.....uucacaguggcuCaguuc.....	1	1	hsa
.....Nucacaguggcuuagguu.....	3	1	hsa
.....uucAUaguggcuuagguu.....	1	1	hsa
.....uucacaguggcuuagGcu.....	1	1	hsa
.....uucacaUuggcuuagguu.....	2	1	hsa
.....uucacaguggcuuagguUu.....	2	1	hsa
.....uucacaguggcuuagguCcu.....	1	1	hsa
.....uucacaguggcuuAaUuuc.....	2	1	hsa
.....uucacaCuggcuuagguu.....	1	1	hsa
.....uucacaguggcuuagguuG.....	1	1	hsa
.....uucacaguAgcuuagguu.....	1	1	hsa
.....uucacagCggcuuagguu.....	1	1	hsa
.....uuUacaguggcuuagguu.....	2	1	hsa
.....uucacagAgguuagguu.....	1	1	hsa
.....uucacaUuggcuuagguucug.....	1	1	hsa
.....uucacGguggcuuagguucug.....	1	1	hsa
.....uucacaguAgcuuagguucug.....	1	1	hsa
.....uucacaguggUuaagguucug.....	1	1	hsa
.....uucacaguggcuuagguuA.....	12	1	hsa
.....uucacaguggcuuagGucug.....	1	1	hsa
.....uucacaguggcuuagguuC.....	8	1	hsa
.....Cucacaguggcuuagguucug.....	1	1	hsa
.....uucacaguggcuuagguucug.....	731	0	hsa
.....uuGacaguggcuuagguucug.....	1	1	hsa
.....uucacaguggcuuagguuAg.....	1	1	hsa
.....uucacagugAcuuagguucug.....	1	1	hsa
.....uucacaguggcuuAaAuucug.....	2	1	hsa
.....uucacaguggcuGaguucug.....	1	1	hsa
.....uucGcaguggcuuagguucug.....	2	1	hsa
.....uucacaguggcuuAaUuucug.....	4	1	hsa
.....uucacaguggcuuagguuU.....	6	1	hsa
.....uucacaguggcuuagguucugA.....	93	1	hsa
.....uucacaguggcuCaguucugc.....	1	1	hsa
.....uucacaCuggcuuagguucugc.....	1	1	hsa
.....uucacaguAgcuuagguucugc.....	8	1	hsa
.....uucacaguggcuGaguucugc.....	2	1	hsa
.....uucacagGggcuuagguucugc.....	3	1	hsa
.....uucacaguggcuuagguucugc.....	7781	0	hsa
.....uucacCguggcuuagguucugc.....	3	1	hsa
.....uucacaguggcuuagguCcugc.....	2	1	hsa
.....uucacaUuggcuuagguucugc.....	12	1	hsa
.....uucAGaguggcuuagguucugc.....	1	1	hsa
.....uucacagugCcuuagguucugc.....	3	1	hsa
.....uucacaguggcuUaguucugc.....	1	1	hsa
.....uuUacaguggcuuagguucugc.....	14	1	hsa
.....uucAUaguggcuuagguucugc.....	7	1	hsa
.....Aucacaguggcuuagguucugc.....	5	1	hsa
.....Gucacaguggcuuagguucugc.....	2	1	hsa
.....uucacaguggcuuagGcucugc.....	5	1	hsa
.....uucacaguggcuuagguucugG.....	3	1	hsa
.....uucacaguggcuuagguuCc.....	2	1	hsa
.....uucacaguggcuuAaUuucugc.....	25	1	hsa
.....uucacaguggcuuagguuAgc.....	2	1	hsa
.....uucacagCggcuuagguucugc.....	9	1	hsa
.....uucacagugAcuuagguucugc.....	6	1	hsa
.....uCcacaguggcuuagguucugc.....	2	1	hsa
.....uucacaguggcuuagguUugc.....	12	1	hsa
.....uAcacaguggcuuagguucugc.....	1	1	hsa
.....uucacaAuggcuuagguucugc.....	1	1	hsa
.....uucacaguggcuuagGucugc.....	14	1	hsa
.....uucacaguggUuaagguucugc.....	15	1	hsa

Star

Mature

cccagcgaugaccucuaacaaggugcagagcuaagcugauggugaacagugauugguuuccgcuuuguuucacaguggcuuagguucugcaccugaagagaagguga

.....uucUcaguggcuuagguucugc.....	2	1	hsa
.....uucacagugUcuaagguucugc.....	12	1	hsa
.....uucacagAgggcuuagguucugc.....	7	1	hsa
.....uucGcaguggcuuagguucugc.....	4	1	hsa
.....uucacaguggcuuagguucugU.....	49	1	hsa
.....uucacaguggcuuagguucUAc.....	4	1	hsa
.....uucacaguggcuuagguucUc.....	55	1	hsa
.....uucacaguUgcuaagguucugc.....	3	1	hsa
.....uucacaguCgcuaagguucugc.....	1	1	hsa
.....uucacaguggcuuagguucugc.....	1	1	hsa
.....uucacaguggcAaagguucugc.....	2	1	hsa
.....uucacaguggcuuagguucugc.....	2	1	hsa
.....Cucacaguggcuuagguucugc.....	7	1	hsa
.....uucacUguggcuuagguucugc.....	2	1	hsa
.....uucacaguggcuuagguucugc.....	1	1	hsa
.....uucacaguggcuuagguucugc.....	2	1	hsa
.....uucacGguggcuuagguucugc.....	3	1	hsa
.....Nucacaguggcuuagguucugc.....	23	1	hsa
.....uucacaguggcuUguucugc.....	1	1	hsa
.....uucCgaguggcuuagguucugc.....	1	1	hsa
.....uucacaguggcCaagguucugc.....	5	1	hsa
.....uucacaguggcuuagguucugc.....	7	1	hsa
.....uucacagugUcuaagguucugca.....	1	1	hsa
.....uucacaguggcuuagguucAgca.....	2	1	hsa
.....uucacaguggcuuagguucAgca.....	2	1	hsa
.....Cucacaguggcuuagguucugca.....	2	1	hsa
.....uucUcaguggcuuagguucugca.....	1	1	hsa
.....uucacaguggcuuagguucUAc.....	2	1	hsa
.....uucacaguggcuuagguucugU.....	147	1	hsa
.....uucacaguggcuuagguucUcCa.....	1	1	hsa
.....uucacaguggcuuagguucugAa.....	40	1	hsa
.....uuUacaguggcuuagguucugca.....	2	1	hsa
.....uucacaguUgcuaagguucugca.....	3	1	hsa
.....uucacaAuggcuaagguucugca.....	1	1	hsa
.....uucacaUuggcuuagguucugca.....	3	1	hsa
.....Aucacaguggcuuagguucugca.....	1	1	hsa
.....uucacaguggcuuagguucugUa.....	6	1	hsa
.....uucacaguggcuuagguucUca.....	9	1	hsa
.....uucacaguggcuuagguucugca.....	1380	0	hsa
.....uucacaguggcuuagguucugcC.....	22	1	hsa
.....uucacaguAgcuuagguucugca.....	1	1	hsa
.....uucacaguggcuuagguucCgca.....	80	1	hsa
.....uucacaguggcuCaguucugca.....	1	1	hsa
.....uAcacaguggcuuagguucugca.....	1	1	hsa
.....uucacaguggcuuagguucugca.....	1	1	hsa
.....uucacUguggcuuagguucugca.....	1	1	hsa
.....uucacaguggcuuagguUugca.....	3	1	hsa
.....uucacagugCcuaagguucugca.....	1	1	hsa
.....Nucacaguggcuuagguucugca.....	6	1	hsa
.....uCcacaguggcuuagguucugca.....	1	1	hsa
.....uucacaCuggcuuagguucugca.....	1	1	hsa
.....uucacaguggcuuagguAcugca.....	1	1	hsa
.....uucGcaguggcuuagguucugca.....	2	1	hsa
.....uucacaguggcuuagguucugcG.....	7	1	hsa
.....uucacaguggcuuagguucugG.....	2	1	hsa
.....uucacaguggcuuagguucugG.....	1	1	hsa
.....uucacaguggcuuagguucugcaA.....	601	1	hsa
.....uucacaguggcuuagguucugcac.....	6	0	hsa
.....uucacaguggcuuagguucugcaG.....	19	1	hsa
.....uucacaguggcuuagguucugcCc.....	1	1	hsa
.....uucacaguggcuuagguucugcaU.....	1111	1	hsa
.....uucacaguggcuuagguucugcaAc.....	2	1	hsa
.....uucacaguggcuuagguucugcaUc.....	8	1	hsa
.....uucacaguggcuuagguucugcaGc.....	1	1	hsa
.....uucacaguggcuuagguucugcCcc.....	1	1	hsa
.....uucacaguggcuuagguucugcaUcu.....	1	1	hsa
.....uucacaguggcuuagguucugcaGcu.....	1	1	hsa
.....ucacaguggcuuagguucU.....	5	0	hsa
.....ucCcaguggcuuagguucug.....	1	1	hsa
.....ucacaguggcuuagguucugc.....	14	0	hsa

Star

Mature

cccagcgaugaccucuaacaaggugcagagcuuagcugauggugaacagugauugguuuccgcuuuguucacaguggcuaaguucugcaccugaagagaagguga			
.....uUacaguggcuaaguucugc.....	3	1	hsa
.....ucacaguggcuaaguucUc.....	1	1	hsa
.....ucacaguggcuaaguucugca.....	6	0	hsa
.....uUacaguggcuaaguucugca.....	2	1	hsa
.....ucacaguggcuaaguucugcU.....	2	1	hsa
.....ucacaguggcuaaguucugcaU.....	50	1	hsa
.....ucacaguggcuaaguucugcaA.....	4	1	hsa
.....cacaguggcuaaguucugc.....	3	0	hsa
.....cacaguggcuaaguucugca.....	1	0	hsa
.....cacaguggcuaaguucugcaU.....	2	1	hsa
.....cacaguggcuaaguucugcaA.....	2	1	hsa
.....acaUuggcuaaguucugc.....	1	1	hsa
.....acaguggcuaaguucugc.....	9	0	hsa
.....acaguggcuaaguucugcU.....	1	1	hsa
.....acaguggcuaaguucugca.....	1	0	hsa
.....acaguggcuaaguucugcaU.....	2	1	hsa
.....acaguggcuaaguucugcaUc.....	1	1	hsa