

[illegible]

5' -	-3'	obs	
		exp	
	reads	mm	sample
aaggaggcucggccgcugucccccccgcccagguuucugugauacacuccgacucgggcucuggagcagucagugcaugacagaacuugggccgggaaggaccuucugca			
aaggaggcucggccgcugucccccccgcccagguuucugugauacacuccgacucgggcucuggagcagucagugcaugacagaacuugggccgggaaggaccuucugca			
aaggaggcucggccgcugucccccccgcccagguuucugugauacacuccgacucgggcucuggagcagucagugcaugacagaacuugggccgggaaggaccuucugca			
.(((((((.(.(((....)))((.(.((((((((((((((.(.(((.(.(((....)))())))))))))).)).)))))))))....			
.....agguuucugugauacacuccgacu.....	2	0	hsa
.....agguuucugugauacacuccgacuc.....	1	0	hsa
.....agguuucugugauacacuccgacucU.....	1	1	hsa
.....agguuucugugauacacuccgacucC.....	1	1	hsa
.....gucagugcaugacagaac.....	1	0	hsa
.....gucagugcaugaUagaacuugg.....	1	1	hsa
.....gucagugcaugacagaacuugg.....	44	0	hsa
.....gucagugcaugacagaCcuugg.....	1	1	hsa
.....gucagugcaugacagaacAugg.....	1	1	hsa
.....Cucagugcaugacagaacuugg.....	10	1	hsa
.....gucagugcaugacagaacuuggU.....	6	1	hsa
.....gucagugcaugacagaacuuggA.....	11	1	hsa
.....Uucagugcaugacagaacuuggg.....	1	1	hsa
.....gucagugcaugacagaacuuggg.....	1	0	hsa
.....Cucagugcaugacagaacuuggg.....	7	1	hsa
.....ucagugcaugacaUaacu.....	1	1	hsa
.....ucagugcaugacaCaacu.....	1	1	hsa
.....ucagugcaugacagaacu.....	157	0	hsa
.....uGagugcaugacagaacu.....	1	1	hsa
.....ucagugcaugacagaacG.....	1	1	hsa
.....ucagugcaugacagaacuG.....	1	1	hsa
.....Ccagugcaugacagaacuu.....	1	1	hsa
.....ucagugcaugacagaacuA.....	1	1	hsa
.....ucagugcaugacagaacuu.....	40	0	hsa
.....ucagugcaugacagCacuug.....	2	1	hsa
.....ucagugcaugacagaacuug.....	271	0	hsa
.....ucagugcauAacagaacuug.....	1	1	hsa
.....ucagugcaugacagGacuug.....	1	1	hsa
.....ucagugcaugacagaaUuug.....	1	1	hsa
.....ucagugcaugaUagaacuug.....	1	1	hsa
.....Ncagugcaugacagaacuug.....	1	1	hsa
.....ucaqugcacuCacagaacuug.....	3	1	hsa

Star

Mature

aaggaggcucggcccgcuguccccccggcccaggucugugauacacuccgacucggcucuggagcagucagugcaugacagaaacuuggcccggaggaccuucugca

ucagugcaugacagaaacuA	1	1	hsa
ucagAgcaugacagaacuug	1	1	hsa
ucagugcaugacagaacuGg	3	1	hsa
Ccagugcaugacagaacuugg	17	1	hsa
ucagugcaugacagaacuNgg	2	1	hsa
ucagugcaugacagaacuAg	21	1	hsa
ucagugcaugacCgaacuugg	9	1	hsa
ucagGgcaugacagaacuugg	3	1	hsa
ucagugcauUacagaacuugg	23	1	hsa
ucagugcaugacagaGcuugg	12	1	hsa
ucGgugcaugacagaacuugg	16	1	hsa
ucagugcaGgacagaacuugg	3	1	hsa
ucagugcaugacagaacuugg	27883	0	hsa
ucagugcaCgacagaacuugg	13	1	hsa
ucagugcaugacaAacuugg	50	1	hsa
uAagugcaugacagaacuugg	5	1	hsa
ucagugcaugaGagaacuugg	6	1	hsa
ucagugcaugGcagaacuugg	16	1	hsa
ucagugcauAacagaacuugg	63	1	hsa
ucagugcaugacagaacCugg	8	1	hsa
ucaguAcaugacagaacuugg	17	1	hsa
ucagugcaugacagaacuCg	7	1	hsa
ucagugcGugacagaacuugg	17	1	hsa
Acagugcaugacagaacuugg	12	1	hsa
Ncagugcaugacagaacuugg	64	1	hsa
ucagugcaugacagaaAuugg	8	1	hsa
ucagugcauCacagaacuugg	9	1	hsa
ucagugcaugacagaCcuugg	7	1	hsa
ucagugcaugacagaacuugA	8	1	hsa
ucagugcCugacagaacuugg	5	1	hsa
ucagugcaugacagaacuUg	56	1	hsa
ucagugUaugacagaacuugg	16	1	hsa
ucagugcaAgacagaacuugg	10	1	hsa
ucaUugcaugacagaacuugg	60	1	hsa
ucagugcaugCcagaacuugg	6	1	hsa
ucagugcaugacUgaacuugg	7	1	hsa
ucagugcaugacaCaacuugg	3	1	hsa
ucagugcaugacagaacuugU	81	1	hsa
ucagugcaugacaUacuugg	23	1	hsa
ucagCgcaugacagaacuugg	20	1	hsa
ucagugcaugaUagaacuugg	41	1	hsa
ucaguCcaugacagaacuugg	16	1	hsa
ucagAgcaugacagaacuugg	21	1	hsa
ucCgugcaugacagaacuugg	14	1	hsa
Gcagugcaugacagaacuugg	2	1	hsa
ucagugcaugacagaacuugC	12	1	hsa
ucagugcaugacagaUcuugg	9	1	hsa
ucagugcaugacagaacuGg	6	1	hsa
ucagugcaugacGgaacuugg	18	1	hsa
uUagugcaugacagaacuugg	61	1	hsa
ucagugcaugacagaaNuugg	3	1	hsa
uGagugcaugacagaacuugg	2	1	hsa
ucaAugcaugacagaacuugg	11	1	hsa
ucaguUcaugacagaacuugg	18	1	hsa
ucagugGaugacagaacuugg	6	1	hsa
ucagugAaugacagaacuugg	2	1	hsa
ucaCugcaugacagaacuugg	10	1	hsa
ucagugcaugacagaacAugg	5	1	hsa
ucagugcaugacagGacuugg	16	1	hsa
ucagugcaugacagaacuAgg	5	1	hsa
ucagugcaugacagCacuugg	21	1	hsa
ucagugcaugacagUacuugg	8	1	hsa
ucagugcaugacagaacuCgg	4	1	hsa
ucUgugcaugacagaacuugg	2	1	hsa
ucagugcaugacagaaUuugg	17	1	hsa
ucagugcaugaAagaacuugg	4	1	hsa
ucagugcUugacagaacuugg	9	1	hsa
ucagugcaugUcagaacuugg	6	1	hsa
ucagugcaugacagaaGuugg	1	1	hsa
ucagugcauCacagaacuuggg	7	1	hsa

Star

Mature

aaggaggcucggcccgcuguccccccggccaggucugugauacacuccgacucggcucuggagcagucagugcaugacagaaacuugggcccggaaggaccuucugca

.....ucagugUaugacagaaacuuggg.....	12	1	hsa
.....Ccagugcaugacagaaacuuggg.....	6	1	hsa
.....ucagugcaugacagaaacuugUg.....	17	1	hsa
.....ucaCugcaugacagaaacuuggg.....	3	1	hsa
.....Ncagugcaugacagaaacuuggg.....	34	1	hsa
.....ucagugcaugacagagGcuuggg.....	3	1	hsa
.....ucagugcaugacagUacuuggg.....	1	1	hsa
.....ucagugcaugacagaaAuggg.....	7	1	hsa
.....ucagugcaugacGgaacuuggg.....	8	1	hsa
.....uUagugcaugacagaaacuuggg.....	19	1	hsa
.....ucagugcaugacagaaCuggg.....	7	1	hsa
.....ucagugcaugacagCacuuggg.....	14	1	hsa
.....ucCugcaugacagaaacuuggg.....	6	1	hsa
.....ucagugcaugacagaaCuAgg.....	8	1	hsa
.....ucagugcaugacagaaCuUcg.....	1	1	hsa
.....ucUgugcaugacagaaacuuggg.....	2	1	hsa
.....ucagugcaugacagaaGuuggg.....	2	1	hsa
.....ucagugcaugacagauCuuggg.....	2	1	hsa
.....ucagugcaugacagaaCuGgg.....	5	1	hsa
.....ucagugcauAacagaaacuuggg.....	27	1	hsa
.....ucGugcaugacagaaacuuggg.....	7	1	hsa
.....ucagugcaugacaAaaacuuggg.....	16	1	hsa
.....ucagugcaugacagaaAuuggg.....	1	1	hsa
.....ucagugcaugacUgaacuuggg.....	4	1	hsa
.....ucagugcCugacagaaacuuggg.....	3	1	hsa
.....ucagugcaugacagaaCuAg.....	10	1	hsa
.....ucagugcaugacagaaCuUgg.....	24	1	hsa
.....ucagugcGugacagaaacuuggg.....	5	1	hsa
.....ucagugcaugacagaaNuuggg.....	1	1	hsa
.....ucagugcUugacagaaacuuggg.....	3	1	hsa
.....uGagugcaugacagaaacuuggg.....	5	1	hsa
.....ucaguAcaugacagaaacuuggg.....	8	1	hsa
.....ucagugcaugacagaaacuuggU.....	7493	1	hsa
.....ucagCgcaugacagaaacuuggg.....	13	1	hsa
.....ucagugcaAgacagaaacuuggg.....	1	1	hsa
.....ucaUugcaugacagaaacuuggg.....	21	1	hsa
.....ucagugcaugacagaaCuCggg.....	4	1	hsa
.....ucagGgcaugacagaaacuuggg.....	5	1	hsa
.....Acagugcaugacagaaacuuggg.....	7	1	hsa
.....ucagugcaugacagaaCuggg.....	1	1	hsa
.....ucagugcaugacagGacuuggg.....	8	1	hsa
.....ucagugcaugaGagaacuuggg.....	2	1	hsa
.....ucagugcaCgacagaaacuuggg.....	8	1	hsa
.....ucaguUcaugacagaaacuuggg.....	4	1	hsa
.....ucagugcaugacCgaacuuggg.....	2	1	hsa
.....ucagugcaugGcagaaacuuggg.....	4	1	hsa
.....ucagugcaugacagaaCuuggA.....	907	1	hsa
.....Gcagugcaugacagaaacuuggg.....	1	1	hsa
.....ucagugcaGgacagaaacuuggg.....	3	1	hsa
.....ucaAugcaugacagaaacuuggg.....	6	1	hsa
.....ucagugGaugacagaaacuuggg.....	3	1	hsa
.....uAagugcaugacagaaacuuggg.....	2	1	hsa
.....ucagugcaugaAgaacuuggg.....	1	1	hsa
.....ucaguCcaugacagaaacuuggg.....	6	1	hsa
.....ucagugcaugacagaaacuuggg.....	12701	0	hsa
.....ucagugcaugacagaaUuuggg.....	9	1	hsa
.....ucagAgcaugacagaaacuuggg.....	9	1	hsa
.....ucagugcaugUcagaacuuggg.....	3	1	hsa
.....ucagugcaugacagaaCuuggN.....	4	1	hsa
.....ucagugcaugacagaaCuAggg.....	2	1	hsa
.....ucagugAaugacagaaacuuggg.....	2	1	hsa
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.....ucagugcaugacagaaCuuggC.....	61	1	hsa
.....ucagugcaugaUagaacuuggg.....	25	1	hsa
.....ucagugcaugacagaaCuuggg.....	6	1	hsa
.....ucagugcaugacaUaacuuggg.....	10	1	hsa
.....ucagugcaugacagaaCuugCg.....	5	1	hsa
.....Ccagugcaugacagaaacuugggc.....	1	1	hsa
.....ucagugcaugacagaaCuuggAc.....	2	1	hsa
.....ucagugcaugacagaaCuugggA.....	2091	1	hsa

Star

Mature

aaggaggcucggcccgcuguccccccggcccagguucugugauacacuccgacucgggcuuggagcagucagugcaugacagaaacuugggcccggaaggaccuucugca			
.....ucagugcaugacagaaacuuggG.....	20	1	hsa
.....ucagugcaugacagaaacuuggUc.....	10	1	hsa
.....ucagugcaugacagaaacuugggc.....	24	0	hsa
.....ucagugcaugacagaaUuugggc.....	1	1	hsa
.....ucagugcaugacagaaacuugggU.....	5257	1	hsa
.....ucaUugcaugacagaaacuugggc.....	1	1	hsa
.....ucagugcaugacagaaacuugggcU.....	1	1	hsa
.....ucagugcaugacagaaacuugggcA.....	5	1	hsa
.....ucagugcaugacagaaacuugggAc.....	1	1	hsa
.....ucagugcaugacagaaacuugggUc.....	1	1	hsa
.....ucagugcaugacagaaacuugggcAc.....	1	1	hsa
.....ucagugcaugacagaaacuugggccGg.....	1	1	hsa
.....cagugcaugacagaaacuug.....	1	0	hsa
.....cagugcaugacagaaacuugg.....	6	0	hsa
.....Uagugcaugacagaaacuugg.....	2	1	hsa
.....cagugcaugacagaaacuugU.....	1	1	hsa
.....cagugcaugacagaaacuuggg.....	2	0	hsa
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.....agugcaugacagaaacuGg.....	1	1	hsa
.....agugcaugacagaaacuuggg.....	29	0	hsa
.....agugcaugacagaaacuuggA.....	1	1	hsa
.....agugcaugacagaaacuugggA.....	4	1	hsa
.....agugcaugacagaaacuugggU.....	15	1	hsa
.....ugcaugacagaaacuuggg.....	3	0	hsa
.....caugacagaaacuugggcccgga.....	1	0	hsa