



5'	obs	-3'	exp	known	reads	mm	sample
cccgcacccaugggccuggcugagguaguaguuuugugcuguuuggcggguugugacauugccgcuguggagauaacugcgcaagcuacugccuugcuagugcuggug					2	0	hsa
cccgcacccaugggccuggcugagguaguaguuuugugcuguuuggcggguugugacauugccgcuguggagauaacugcgcaagcuacugccuugcuagugcuggug					6	1	hsa
cccgcacccaugggccuggcugagguaguaguuuugugcuguuuggcggguugugacauugccgcuguggagauaacugcgcaagcuacugccuugcuagugcuggug					42	1	hsa
....((((((((((((					1	0	hsa
..cgacaccaugggccuggc.....					3	0	hsa
.....Ucugagguaguaguuuugugcugu.....					2	1	hsa
.....Ucugagguaguaguuuugugcugu.....					15	0	hsa
.....Ucugagguaguaguuuugugcugu.....					6	1	hsa
.....cugagguaguaguuuugugc.....					1	1	hsa
.....Uugagguaguaguuuugugcug.....					1	1	hsa
.....cugagguaguaguuuugugcugu.....					1	1	hsa
.....Uugagguaguaguuuugugcugu.....					1	1	hsa
.....cugagguaguaguuuugugcugu.....					1	1	hsa
.....Uugagguaguaguuuugugcugu.....					1	1	hsa
.....cugagguaguaguuuugugcugu.....					114	0	hsa
.....cugagguGguaguuuugugcugu.....					1	1	hsa
.....Nugagguaguaguuuugugcugu.....					1	1	hsa
.....cuAagguaguaguuuugugcugu.....					1	1	hsa
.....cugagguaguaguuuugugcuguU.....					33	1	hsa
.....cugagguaguaguuuugugcuguA.....					31	1	hsa
.....cugagguaguaguuuugugcuguug.....					2	0	hsa
.....cugagguaguaguuuugugcuguuUg.....					1	1	hsa
.....ugagUuaguaguuuugugc.....					1	1	hsa
.....uAagguaguaguuuugugc.....					2	1	hsa
.....ugagguaguaguuuugugA.....					1	1	hsa
.....ugagguaguaguuuugugc.....					358	0	hsa
.....ugaUguaguaguuuugugc.....					1	1	hsa
.....ugagguaguaguuuugGgc.....					2	1	hsa
.....ugagguaguaguuuUugc.....					1	1	hsa
.....ugagguaguaguuuugGgc.....					1	1	hsa
.....ugagguaguagCuugugc.....					1	1	hsa
.....ugagguagCaguuuugugc.....					2	1	hsa
.....Ngagguaguaguuuugugc.....					2	1	hsa
.....ugagguaguaguuuuGc.....					1	1	hsa

Mature

Star

cccgcacccaugggccccggc	ugagguag	uaguuu	ugucugu	uggucggguu	ugacauug	cccgcug	uggagaua	cugcg	caagcu	acugccu	gcuag	ugcuggug			
.....	ugagguag	Gaguuu	uguc	.....									2	1	hsa
.....	ugagguag	aguuu	Agc	.....									1	1	hsa
.....	ugaggu	Cguagu	uuuguc	.....									1	1	hsa
.....	ugagguag	aguuu	guAcu	.....									1	1	hsa
.....	ugagg	Caguagu	uuuguc	.....									1	1	hsa
.....	ugagguag	uaUuu	uguc	.....									1	1	hsa
.....	ugagguag	aguuu	ugcG	.....									1	1	hsa
.....	ugagguag	aguuu	ugUu	.....									2	1	hsa
.....	ugUgguag	aguuu	uguc	.....									1	1	hsa
.....	ugagg	Aaguagu	uuuguc	.....									1	1	hsa
.....	ugagguag	aguuu	ugcA	.....									1	1	hsa
.....	ugagguag	uagu	Cuguc	.....									1	1	hsa
.....	ugaggu	uaAagu	uuuguc	.....									1	1	hsa
.....	uAagguag	aguuu	uguc	.....									1	1	hsa
.....	ugagguag	aguuu	uguc	.....									452	0	hsa
.....	ugagguag	Aaguuu	uguc	g	.....								2	1	hsa
.....	ugagUuag	aguuu	uguc	g	.....								2	1	hsa
.....	ugagguag	uaguuu	uguc	C	.....								4	1	hsa
.....	ugagguag	Caguuu	uguc	g	.....								1	1	hsa
.....	uUagguag	aguuu	uguc	g	.....								3	1	hsa
.....	ugagg	Aaguagu	uuuguc	g	.....								4	1	hsa
.....	ugagguag	uaUuu	uguc	g	.....								2	1	hsa
.....	uAagguag	aguuu	uguc	g	.....								5	1	hsa
.....	ugagguag	uaguuu	Uc	g	.....								2	1	hsa
.....	ugagguag	aguuu	ugc	Cg	.....								1	1	hsa
.....	ugaggu	uaUuag	uuuguc	g	.....								1	1	hsa
.....	ugagguag	uaguuu	Cguc	g	.....								1	1	hsa
.....	ugagguag	aguuu	guAc	g	.....								6	1	hsa
.....	ugagguag	aguuu	Ug	c	g	.....							1	1	hsa
.....	Cgagguag	uaguuu	uguc	g	.....								3	1	hsa
.....	Ngagguag	aguuu	uguc	g	.....								6	1	hsa
.....	ugaggu	Gguagu	uuuguc	g	.....								2	1	hsa
.....	ugagg	Gaguagu	uuuguc	g	.....								3	1	hsa
.....	ugagguag	aguuu	ugG	g	.....								1	1	hsa
.....	ugagguag	uaCuu	uguc	g	.....								1	1	hsa
.....	ugCguag	uaguuu	uguc	g	.....								3	1	hsa
.....	ugaggu	uaAagu	uuuguc	g	.....								2	1	hsa
.....	ugaAguag	aguuu	uguc	g	.....								1	1	hsa
.....	ugagguag	uaguuu	Gg	c	g	.....							1	1	hsa
.....	ugagguag	aguuu	uguc	u	.....								72	1	hsa
.....	ugagguag	aguuu	uguc	uA	.....								11	1	hsa
.....	ugagguag	uagu	Cuguc	g	.....								2	1	hsa
.....	ugagguag	uagCu	uguc	g	.....								2	1	hsa
.....	ugagguag	uaAuu	uguc	g	.....								1	1	hsa
.....	ugaggu	Cguagu	uuuguc	g	.....								1	1	hsa
.....	ugagg	Caguagu	uuuguc	g	.....								2	1	hsa
.....	ugagguag	aguuu	Aug	c	g	.....							1	1	hsa
.....	ugagguag	Gaguuu	uguc	g	.....								1	1	hsa
.....	ugagguag	uCguuu	uguc	g	.....								2	1	hsa
.....	ugagguag	uagu	Guguc	g	.....								1	1	hsa
.....	ugagguag	uaguuu	uguc	g	.....								1954	0	hsa
.....	ugagguag	uaguuu	Gc	c	g	.....							3	1	hsa
.....	ugagA	uaguuu	uguc	g	u	.....							8	1	hsa
.....	ugagguag	uaguuu	Gc	c	g	u	.....						13	1	hsa
.....	ugagg	Gaguagu	uuuguc	g	u	.....							19	1	hsa
.....	ugagguag	uagu	Cuguc	g	u	.....							9	1	hsa
.....	ugagguag	uaguuu	ugc	g	G	.....							1	1	hsa
.....	ugagguag	uaguuu	Uc	g	u	.....							15	1	hsa
.....	ugagguag	uaguuu	Aug	c	g	u	.....						8	1	hsa
.....	ugagguag	uCguuu	uguc	g	u	.....							18	1	hsa
.....	ugagguag	Caguuu	uguc	g	u	.....							17	1	hsa
.....	ugagguag	uagu	Auguc	g	u	.....							1	1	hsa
.....	ugagguag	uaguuu	uguc	u	.....								267	1	hsa
.....	ugagguag	uaguuu	Gg	c	g	u	.....						4	1	hsa
.....	ugagguag	uaAuu	uguc	g	u	.....							1	1	hsa
.....	ugagguag	Gaguuu	uguc	g	u	.....							4	1	hsa
.....	ugaggu	uaUuag	uuuguc	g	u	.....							4	1	hsa
.....	ugGguag	uaguuu	uguc	g	u	.....							12	1	hsa
.....	ugCguag	uaguuu	uguc	g	u	.....							21	1	hsa
.....	ugagguag	uaguuu	Ug	c	g	u	.....						25	1	hsa

Mature

Star

cccgcacccauggcccgccugagguaguuugugcuguugggcggguugugacauugccgcuguggagauaacugcgcaagcuacugccuugcuagugcuggug

.ugagUuaguaguuuugugcugu .	10	1	hsa
.ugagguaguaguuuugugcuCu .	3	1	hsa
.ugaggAaguaguuuugugcugu .	30	1	hsa
.ugagguaguaguuuAgugcugu .	3	1	hsa
.ugagguaguaguuuAgcugu .	5	1	hsa
.ugagguaguagGuugugcugu .	8	1	hsa
.ugagguaguUguuuugugcugu .	2	1	hsa
.ugagguaguaguuuugugcugC .	15	1	hsa
.ugagguaCuaguuuugugcugu .	2	1	hsa
.ugagguaguaguuuCugcugu .	4	1	hsa
.uCagguaguaguuuugugcugu .	7	1	hsa
.ugagguaguaguuuuNcugu .	3	1	hsa
.Agagguaguaguuuugugcugu .	6	1	hsa
.uAagguaguaguuuugugcugu .	48	1	hsa
.ugagguaguaguuuugugcugu .	17441	0	hsa
.ugagguaguagCuugugcugu .	8	1	hsa
.ugUgguaguaguuuugugcugu .	8	1	hsa
.ugagguaguaguuuugUugu .	12	1	hsa
.ugagguaguaguuuuAcugu .	6	1	hsa
.ugagguaguaguuuugugcuAu .	7	1	hsa
.ugagguaguaguuuGugcugu .	2	1	hsa
.ugagCuaguaguuuugugcugu .	4	1	hsa
.ugagguGguaguuuugugcugu .	19	1	hsa
.Ngagguaguaguuuugugcugu .	54	1	hsa
.ugagguUguaguuuugugcugu .	3	1	hsa
.ugaAguaguaguuuugugcugu .	1	1	hsa
.ugaCGuaguaguuuugugcugu .	1	1	hsa
.ugaUguaguaguuuugugcugu .	9	1	hsa
.ugagguaguagAuugugcugu .	9	1	hsa
.ugagguAAuaguuuugugcugu .	5	1	hsa
.Cgagguaguaguuuugugcugu .	15	1	hsa
.ugagguaguaguuuuGcugu .	7	1	hsa
.ugagguaguGguuuugugcugu .	5	1	hsa
.uUagguaguaguuuugugcugu .	11	1	hsa
.Ggagguaguaguuuugugcugu .	1	1	hsa
.ugagguaguaguuuugAugu .	10	1	hsa
.ugagguagAguuuugugcugu .	6	1	hsa
.ugagguaguaUuuugugcugu .	14	1	hsa
.ugaggCaguaguuuugugcugu .	34	1	hsa
.ugagguaguaguuuugugcAgu .	6	1	hsa
.ugagguaguaguuuugugcugA .	20	1	hsa
.ugagguaguuaCuugugcugu .	1	1	hsa
.ugagguaguaguuuugugcCgu .	5	1	hsa
.ugagguaguaguuuCgugcugu .	13	1	hsa
.ugagguCguaguuuugugcugu .	18	1	hsa
.ugagguaguaguuuugGugu .	6	1	hsa
.ugaggNaguaguuuugugcugu .	1	1	hsa
.ugagAuaguaguuuugugcuguu .	26	1	hsa
.ugagguauuaguuuugugcuguu .	25	1	hsa
.ugaggGaguaguuuugugcuguu .	52	1	hsa
.ugagguaguaguuuGugcuguu .	2	1	hsa
.ugagguaguaguuuugugcuAuu .	35	1	hsa
.ugagguaguaguCugugcuguu .	50	1	hsa
.ugagguuCuaguuuugugcuguu .	14	1	hsa
.ugagguaguaguAugugcuguu .	19	1	hsa
.ugagguaguaguuuuAcuguu .	55	1	hsa
.ugagguaguaguuuugugcuguA .	172	1	hsa
.ugagguaguaguuuugugcCguu .	54	1	hsa
.ugagguUguaguuuugugcuguu .	20	1	hsa
.ugagguaguaguuuugugcugC .	43	1	hsa
.ugagguaguaguuuugugcugGu .	13	1	hsa
.ugagguaguaCuugugcuguu .	13	1	hsa
.ugaUguaguaguuuugugcuguu .	72	1	hsa
.ugagguaguaguuuAugcuguu .	41	1	hsa
.ugagguaguaguuuCgugcuguu .	54	1	hsa
.ugagguaguauUuuugugcuguu .	56	1	hsa
.ugagguaguaguuuugugcuCuu .	24	1	hsa
.ugagguaguaguuuugUuguu .	111	1	hsa
.ugagguaguaguuuCugcuguu .	23	1	hsa
.ugagguaguaguuuAgcuguu .	33	1	hsa

Mature

Star

cccgcacccaugggccccggc	ugagguaguaguuuugugcuguugggcggguugugacauugcccgcuguggagauaacugcgcaagcuacugccuugcuaugugcuggug			
.....	ugagguaguauuuuugugcuguu	18	1	hsa
.....	ugagguaguUuuuugugcuguu	17	1	hsa
.....	Ngagguaguaguuuugugcuguu	247	1	hsa
.....	ugagguaguaguuuugugNuguu	1	1	hsa
.....	ugagguaguaguuuuguCcuguu	19	1	hsa
.....	Ggagguaguaguuuugugcuguu	8	1	hsa
.....	uGgguaguaguuuugugcuguu	31	1	hsa
.....	ugagguaguaguuuugugcAguu	43	1	hsa
.....	ugagguaguaguuuAgugcuguu	10	1	hsa
.....	ugagguagNaguuuugugcuguu	2	1	hsa
.....	ugagguaguaguuuNugcuguu	1	1	hsa
.....	uGcgguaguaguuuugugcuguu	102	1	hsa
.....	Cgagguaguaguuuugugcuguu	81	1	hsa
.....	uUagguaguaguuuugugcuguu	90	1	hsa
.....	ugagguaguaguuuugugcugNu	1	1	hsa
.....	ugaggCaguaguuuugugcuguu	170	1	hsa
.....	ugagguaguaguuuugugAuguu	31	1	hsa
.....	UAagguaguaguuuugugcuguu	284	1	hsa
.....	ugagguaguaguuuGgucuguu	37	1	hsa
.....	ugagguaguaguuuugUcuguu	42	1	hsa
.....	ugagguaguaguuuUugcuguu	131	1	hsa
.....	ugagguCguaguuuugugcuguu	98	1	hsa
.....	uCagguaguaguuuugugcuguu	21	1	hsa
.....	ugagguaguaguuuugugcugCu	42	1	hsa
.....	ugagguaguaguuuugugGuguu	18	1	hsa
.....	ugaCguaguaguuuugugcuguu	31	1	hsa
.....	ugagguauuaguuuugugcuguu	28	1	hsa
.....	ugagCuaguaguuuugugcuguu	28	1	hsa
.....	ugagguaguaguuuugugcGguu	14	1	hsa
.....	ugagguagAaguuuugugcuguu	64	1	hsa
.....	Agagguaguaguuuugugcuguu	33	1	hsa
.....	uGgguaguaguuuugugcuguu	50	1	hsa
.....	ugagguNguaguuuugugcuguu	1	1	hsa
.....	ugagguaguCguuuugugcuguu	76	1	hsa
.....	ugaAguaguaguuuugugcuguu	30	1	hsa
.....	ugagguaguaguuuuguNcuguu	2	1	hsa
.....	ugagguaguaguuuugugcuguu	98985	0	hsa
.....	ugagguaguaguuuugugcugAu	19	1	hsa
.....	ugagguagCaguuuugugcuguu	69	1	hsa
.....	ugagguaguaguuuugugcugu6	17	1	hsa
.....	ugagguaguGguuuugugcuguu	46	1	hsa
.....	ugaggNaguaguuuugugcuguu	14	1	hsa
.....	ugagguaguagGuuugugcuguu	62	1	hsa
.....	ugagguaguaguuuugugcuUuu	185	1	hsa
.....	ugagguaguaguuuugCgcuguu	82	1	hsa
.....	uGNgguaguaguuuugugcuguu	2	1	hsa
.....	ugagguGguaguuuugugcuguu	102	1	hsa
.....	ugagguaguaguuuugNgcuguu	1	1	hsa
.....	ugagUuaguaguuuugugcuguu	67	1	hsa
.....	ugagguagGaguuuugugcuguu	30	1	hsa
.....	ugaggAaguaguuuugugcuguu	79	1	hsa
.....	ugagguaguagCuugugcuguu	40	1	hsa
.....	ugagguaguagAuugugcuguu	39	1	hsa
.....	ugagguaguCguuuugugcuguug	1	1	hsa
.....	Agagguaguaguuuugugcuguug	1	1	hsa
.....	ugagguaguaguuuugugcuguuA	25616	1	hsa
.....	ugagguaguaguuuuguAcuguug	1	1	hsa
.....	ugagguaguaguuuuguUcuguug	2	1	hsa
.....	uAagguaguaguuuugugcuguug	5	1	hsa
.....	Ngagguaguaguuuugugcuguug	3	1	hsa
.....	ugagguaguaguuuugugcugGug	1	1	hsa
.....	ugagguaguaguuuugugcuguug	897	0	hsa
.....	ugaggAaguaguuuugugcuguug	1	1	hsa
.....	Cgagguaguaguuuugugcuguug	2	1	hsa
.....	ugagguaguaguuuCugcuguug	1	1	hsa
.....	ugagguCguaguuuugugcuguug	2	1	hsa
.....	ugagguaguGguuuugugcuguug	1	1	hsa
.....	ugagguaguaguuuugugcugCug	2	1	hsa
.....	ugagguaguaguuuugCgcuguug	1	1	hsa
.....	ugagguagCaguuuugugcuguug	1	1	hsa

Mature

Star

cccgcacccauggcccgugcugagguaguaguuugugcuguugggcggguugugacauugcccgcuguggagauaacugcgcaagcuacugccuugcuaugugcuggug

.ugGggguaguaguuugugcuguug	1	1	hsa
.uUagguaguaguuugugcuguug	1	1	hsa
.ugagguaguaguuugugcuguuU	19783	1	hsa
.ugagguaguaguuugugcuguAg	5	1	hsa
.ugagguaguaguuugugcuguuC	197	1	hsa
.ugagUuaguaguuugugcuguug	1	1	hsa
.ugagguaguaguuuUugcuguug	2	1	hsa
.ugagguaguaguuugugcuguuAg	86	1	hsa
.ugagguaguaguuugugcuguuAgA	66	1	hsa
.ugagguaguaguuugugcuguuU	90	1	hsa
.ugagguaguaguuugugcuguugg	2	0	hsa
.ugagguaguaguuugugcuguCgg	1	1	hsa
.ugagguaguaguuugugcuguuugC	5	1	hsa
.ugagguaguaguuugugcuguuUg	19	1	hsa
.ugagguaguaguuugugcuguuCgu	1	1	hsa
.ugagguaguaguuugugcuguuAgu	3	1	hsa
.ugagguaguaguuugugcuguuggu	2	0	hsa
.ugagguaguaguuugugcuguuUgu	2	1	hsa
.ugagguaguaguuugugcuguuugAu	1	1	hsa
.ugagguaguaguuugugcuguuuggCc	1	1	hsa
.gagguaguaguuugugcu	2	0	hsa
.gagguaguaguuugugcug	3	0	hsa
.Uagguaguaguuugugcugu	4	1	hsa
.gagguaguaguuugugNugu	1	1	hsa
.Nagguaguaguuugugcugu	1	1	hsa
.gagguaguaguuugugcugu	29	0	hsa
.gagUuaguaguuugugcugu	1	1	hsa
.gagguuUuaguugugcuguu	1	1	hsa
.Uagguaguaguuugugcuguu	25	1	hsa
.Aagguaguaguuugugcuguu	1	1	hsa
.gagguaguaguuugugcuguu	107	0	hsa
.Nagguaguaguuugugcuguu	1	1	hsa
.gagguaguCguuugugcuguu	1	1	hsa
.gagguaguaguuugugcuguuA	28	1	hsa
.gagguaguaguuugugcuguug	1	0	hsa
.gagguaguaguuugugcuguuU	29	1	hsa
.agguaguaguuugugcug	2	0	hsa
.Ugguaguaguuugugcugu	2	1	hsa
.agguaguaguuugugcugu	4	0	hsa
.aAguaguaguuugugcuguu	1	1	hsa
.Ugguaguaguuugugcuguu	5	1	hsa
.agguaguaguuugugcuguu	33	0	hsa
.agguaguaguuugugcuguuA	8	1	hsa
.agguaguaguuugugcuguug	1	0	hsa
.agguaguaguuugugcuguuU	5	1	hsa
.Uguaguaguuugugcugu	2	1	hsa
.Uguaguaguuugugcuguu	20	1	hsa
.cugcgcaagcuacugccu	1	0	hsa
.cugcgcaagcuacugccuug	1	0	hsa
.cugcgcaagcuacugccuugU	1	1	hsa
.cugcgcaagcuacugccuugcu	15	0	hsa
.cugcgcaagcuUugccuugcu	1	1	hsa
.cugcgcaagcuacugccuugcA	3	1	hsa
.cugcgcaagcuacugccuugcuU	23	1	hsa
.cugcgcaagcuacugccuugcuaA	1	1	hsa
.cugcgcaagcuacugccuugcuaUu	1	1	hsa
.ugcgcaagcuacugccuugcu	2	0	hsa
.ugcgcaagcuacugccuugcuU	2	1	hsa