



5' -	gguacggacucgucagaaaaauuggucuggaccuaaccacauuuuguagagaaacagucuauggcccgguuuuguuuugacuguuucucuaacaaaagugguuaggguccagac	-3'	exp	
	...(((...))).....((...(((...)))...))	reads	mm	sample
	.....cccgguuuugGuuugacu.....	1	1	s02
	.....uuugacuguuucucuaa.....	4	0	s02
	.....uuugacuguuucucuaCUa.....	1	1	s02
	.....uuugacuguuucucuaCU.....	2	1	s02
	.....uuugacuguuucucuaa.....	3	0	s02
	.....uuugacuguuucucuaaag.....	1	1	s02
	.....uuugacuguuucucuaaag.....	6	0	s02
	.....uugacuguuucucuaa.....	1	0	s02
	.....uugacuguuucucuaCa.....	1	1	s02
	.....uugacuguuucucuaa.....	1	0	s02
	.....uugacuguuucucuaaUU.....	1	1	s02
	.....uugacuguuucucuaa.....	1	0	s02
	.....uugacuguuucucuaaag.....	8	0	s02
	.....uugacugGuucucuaaag.....	3	1	s02
	.....uugacuguuucucuaaaguggu.....	2	0	s02
	.....ugacuguuucucuaa.....	36	0	s02
	.....ugacugGuucucuaa.....	2	1	s02
	.....ugacuguuucucuaa.....	17	0	s02
	.....ugacuguuucucuaaUU.....	1	1	s02
	.....ugacuguuucucuaaag.....	835	0	s02
	.....ugacuguuucucuaaag.....	2	1	s02
	.....ugacuguuucucuaaGag.....	2	1	s02
	.....ugacuguuucucuaaag.....	1	1	s02
	.....ugacugGuucucuaaag.....	2	1	s02
	.....uAacuguuucucuaaag.....	1	1	s02
	.....ugacuguuucucuaGaaag.....	6	1	s02
	.....ugacuguuucucuaaC.....	1	1	s02
	.....ugacuguuucucuaCUaaag.....	1	1	s02
	.....ugGcuguuucucuaaag.....	5	1	s02
	.....ugacAguuucucuaaag.....	2	1	s02
	.....ugacuguuucucuaaagA.....	5	1	s02
	.....ugacugCuucucuaaagagu.....	2	1	s02
	.....ugacuguuucucuaaGagu.....	3	1	s02
	.....ugacuguuucucuaaagagu.....	96	0	s02

## Star

## Mature

gguacggacucgucagaaaauuggucuggaccuaaccacuuuuguagagaaacagucuaugggccccguuuuguuuugacuguuuucucuaacaaaagugguuagguccagac

.....ugacuguuuucucuaacGaaagu.....	1	1	s02
.....ugacuguuuucucuaacGaaaagugg.....	1	1	s02
.....ugacuguuuucucuaacaaaagugg.....	5	0	s02
.....ugacuguuuucucuaacaaaagugguuaggu.....	1	0	s02
.....ugacuguuuucucuaacaaaagugguuGgguc.....	2	1	s02
.....accacuuuuuguagagaaac.....	1	0	s11
.....ugacuguuuucucuaacaaaag.....	1	0	s11
.....ugacuguuuucucuaacGaaagugg.....	1	1	s11
.....ugacuguuuucucuaacaaaag.....	2	0	s18
.....uaaccacuuuuuguagagaaa.....	1	0	s05
.....uuugacuguuuucucuaaca.....	1	0	s05
.....uuugacuguuuucucuaacaaaagugguuaggu.....	1	0	s05
.....ugacuguuuucucuaacaaa.....	1	0	s05
.....ugacuguuuucucuaacaaaag.....	10	0	s05
.....ugacGguuuuucucuaacaaaag.....	1	1	s05
.....ugacugGuuuucucuaacaaaagu.....	1	1	s05
.....ugacuguuuucucuaacaaaagu.....	9	0	s05
.....ugacuguuuucucuaacaaaagG.....	1	1	s05
..uacggacucgucagaaaauu.....	1	0	s12
.....uuugacuguuuucucuaaca.....	1	0	s12
.....uuugacugGuuuucucuaaca.....	1	1	s12
.....uuugacuguuuucucuaacaa.....	1	0	s12
.....ugacuguuuucucuaacaaaag.....	6	0	s12
.....ugacuguuuucucuaacaaaagu.....	5	0	s12
.....ugacuguuuucucuaacaaaagugg.....	1	0	s12
.....ugacuguuuucucuaacGaaaagugg.....	1	1	s12
.....uuugacuguuuucucuaacaaa.....	1	0	s13
.....uuugacuguuuucucuaacaaa.....	1	0	s13
.....ugacuguuuucucuaacaaa.....	2	0	s13
.....ugacuguuuucucuaacaaaag.....	28	0	s13
.....ugGcuguuuucucuaacaaaagu.....	1	1	s13
.....ugacuguuuucucuaacaaaagu.....	4	0	s13
.....ugacuguuuucucuaacGaaaagugg.....	1	1	s13
.....uuggucuggaccuaaccaU.....	1	1	s19
.....uuggucuggaccuaaccacu.....	1	0	s19
.....accacuuuuuguagagaaac.....	3	0	s19
.....uuugacuguuuucucuaaca.....	2	0	s19
.....uuugacugGuuuucucuaaca.....	1	1	s19
.....uuugacuguuuucucuaacaaaag.....	1	0	s19
.....ugacAguuuuucucuaacaaa.....	2	1	s19
.....ugacuguuuucucuaacaaa.....	14	0	s19
.....ugacuguuuucucuaacaaa.....	2	0	s19
.....ugGcuguuuucucuaacaaaag.....	1	1	s19
.....ugacugGuuuucucuaacaaaag.....	2	1	s19
.....ugacuguuuucucuaacaaaAC.....	1	1	s19
.....ugacuguuuucucuaacaaaag.....	93	0	s19
.....uAacuguuuucucuaacaaaag.....	1	1	s19
.....ugacuguuuucucuaacaaaagu.....	10	0	s19
.....ugacuguuuucucuaacaaaagG.....	1	1	s19
.....ugacuguuuucucuaacaaaagugU.....	1	1	s19
.....ugacuguuuucucuaacaaaagugg.....	2	0	s19
.....ugacuguuuucucuaacaaa.....	1	0	s14
.....ugacuguuuucucuaacaaaag.....	2	0	s14
.....ccccguuuugGuuugacuguu.....	1	1	s10
.....uuugacuguuuucucuaaca.....	2	0	s10
.....uuugacuguuuucucuaacaaaag.....	1	0	s10
.....uuugacuguuuucucuaacaaaagu.....	1	0	s10
.....uuugacuguuuucucuaacUaaagu.....	2	1	s10
.....uugacuguuuucucuaacaaaag.....	3	0	s10
.....ugacuguuuucucuaacaaaa.....	2	0	s10
.....ugacuguuuucucuaacUaaag.....	2	1	s10
.....ugacuguuuucucuaacaaaag.....	20	0	s10

## Star

## Mature

gguacggacucgucagaaaauuggucuggaccuaaccacuuuuguagagaaacagucuaugggccccguuuuguuuuugacuguuucucuacaaaagugguuagguccagac

.....ugacuguuucucuacaaaC.....	1	1	s10
.....ugacuguuucucuacaaaagug.....	1	0	s10
.....ugacuguuucucuacaaaagugg.....	4	0	s10
.....ugacuguuucucuacUaaaguggu.....	1	1	s10
.....ugacuguuucucuacaaaag.....	7	0	s01
.....ugGcuguuucucuacaaaagu.....	1	1	s01
.....ugacuguuucucuacaaGagu.....	1	1	s01
.....ugacuguuucucuacaaaagugg.....	4	0	s01
.....ugacuguuucucuacaaaagugguuag.....	1	0	s01
.....uugacuguuucucuacaaaagugguuaggu.....	2	0	s17
.....ugacuguuucucuacaaa.....	6	0	s17
.....ugacuguuucucuacaaa.....	2	0	s17
.....ugacuguuucucuacaaaag.....	15	0	s17
.....ugacuguuucucuacaaaagu.....	1	0	s17
.....gacuguuucucuacaaaag.....	1	0	s17
.....ugacuguuucucuacaaaag.....	5	0	s16
.....uuugacuguuucucuacaaaag.....	1	0	s09
.....uuugacuguuucucuacaaaagugg.....	2	0	s09
.....uugacuguuucucuacaaaagugg.....	1	0	s09
.....ugacuguuucucuacaaa.....	1	0	s09
.....ugacuguuucucuacaaaag.....	9	0	s09
.....uugucuggaccuaaccacu.....	2	0	s07
.....uaaccacuuuuguagagaa.....	1	0	s07
.....uuugacuguuucucuaca.....	2	0	s07
.....uuugacuguuucucuacaa.....	1	0	s07
.....uuugacuguuucucuacaaaU.....	1	1	s07
.....uugacuguuucucuacaaa.....	4	0	s07
.....uugacuguuucucuacaaaag.....	3	0	s07
.....ugacuguuucucuacaaa.....	6	0	s07
.....ugacugugucucuacaaaag.....	1	1	s07
.....ugacuguuucucuacaaaag.....	104	0	s07
.....ugacuguuucucuacaaaagu.....	22	0	s07
.....ugacuguuucucuacaaaagugg.....	2	0	s07
.....ugacuguuucucuacaaaGguggu.....	1	1	s07
.....uugucuggaccuaaccacu.....	1	0	s08
.....uuugacuguuucucuacU.....	1	1	s08
.....uuugacuguuucucuacaaaag.....	1	0	s08
.....uugacuguuucucuacaaaag.....	1	0	s08
.....ugacuguuucucuacaaa.....	1	0	s08
.....ugacuguuucucuacaaa.....	1	0	s08
.....ugUcuguuucucuacaaa.....	1	1	s08
.....ugacuguuucucuacaaaag.....	24	0	s08
.....ugacuguuucucuacaaaagu.....	3	0	s08
.....ugacuguuucucuacaaaagugU.....	1	1	s08
.....ugacuguuucucuacaaaagugg.....	1	0	s08
.....ugacuguuucucuacaaaag.....	1	0	s04
.....uugacuguuucucuacaaaag.....	1	0	s15
.....ugacuguuucucuacaaaag.....	1	0	s15
.....uuugacuguuucucuaca.....	1	0	s06
.....uuugacuguuucucuacUaaagu.....	1	1	s06
.....uuugacuguuucucuacaaaagugg.....	1	0	s06
.....uugacuguuucucuacaaaag.....	1	0	s06
.....ugacuguuucucuacaaaag.....	7	0	s06
.....ugGcuguuucucuacaaaag.....	2	1	s06
.....ugacuguuucucuacaaaagA.....	1	1	s06
.....uuugacuguuucucuaca.....	1	0	s03
.....ugacuguuucucuacaaa.....	1	0	s03
.....ugacuguuucucuacaaaag.....	4	0	s03
.....ugacuguuucucuacaaaagu.....	3	0	s03
.....ugacuguuucucuacaaaagA.....	1	1	s03

Star

Mature

gguacggacucgucagaaaauuggucuggaccuaaccacuuuuuguagagaaaacagucuaugggcccguuuuuguuuuuugacuguuucucuaaaaagugguuaggguccagac