



Star

5 -	acaguugcagcagggaau <u>cuggcuuggaguucaugaguauguauucacugaauucacugaaacuccaaaccuga</u> uuuccuguuugcuauaggcgagaccaucaauggccguuaga	-3'	obs	
	acaguugcagcagggaau <u>cuggcuuggaguucaugaguauguauucacugaauucacugaaacuccaaaccuga</u> uuuccuguuugcuauaggcgagaccaucaauggccguuaga		exp	
	. . . . . (((((((((((((.(.(.((((((((((.((((.....)))))))))..)))))))).))))). . . ((((.(((((.....)))))))))... reads mm sample			
	.caguugcagcagggaauC.....	1	0	seq
	. . . . . aucuggcuuggaguuCAa.....	1	1	seq
	. . . . . ucAggcuuuggaguuCuag.....	2	1	seq
	. . . . . uggcuuggaguuCuaguU.....	1	1	seq
	. . . . . uggcuuggaguuCuagug.....	4	0	seq
	. . . . . uggcuuggaguuCuagGga.....	2	1	seq
	. . . . . uggcuuggaguuCuaguga.....	1	0	seq
	. . . . . uggcuuggaguuCuagugau.....	5	0	seq
	. . . . . uggcuuggaguuAaagugauu.....	1	1	seq
	. . . . . uggcuuggaguuCuagugCuu.....	2	1	seq
	. . . . . uggcuuggaguuCuagugauu.....	46	0	seq
	. . . . . GggcuuggaguuCuagugauu.....	1	1	seq
	. . . . . uggcuuggaguuCuagugauC.....	2	1	seq
	. . . . . AggcuuuggaguuCuagugauug.....	1	1	seq
	. . . . . ugCcuuggaguuCuagugauug.....	1	1	seq
	. . . . . uggcuuggaguuCuagugauuU.....	1	1	seq
	. . . . . uggcuuggaguuCuagugauuA.....	7	1	seq
	. . . . . uggcuuggaguuCuaguCaauug.....	1	1	seq
	. . . . . uggcuuggaguuCuagugauug.....	50	0	seq
	. . . . . GggcuuggaguuCuagugauug.....	1	1	seq
	. . . . . uggcuuggaguuCuGgugaauGa.....	5	1	seq
	. . . . . ugUcuuggaguuCuagugauuGa.....	1	1	seq
	. . . . . uggcuuggaguuCcuagugauuGa.....	3	1	seq
	. . . . . uggcuuggaguuAaagugauuGa.....	1	1	seq
	. . . . . uggcuuggGguucuagugauuGa.....	2	1	seq
	. . . . . uggcuCGgaguuCuagugauuGa.....	2	1	seq
	. . . . . ugAcuuuggaguuCuagugauuGa.....	1	1	seq
	. . . . . uggcuuggaguuCuagugauCga.....	1	1	seq
	. . . . . uggcuuggaguuCuagugauGga.....	11	1	seq
	. . . . . uUgcuuuggaguuCuagugauuGa.....	1	1	seq
	. . . . . uggcuuggaguuCuagugGuuGa.....	2	1	seq
	. . . . . uggcuuggCguucuagugauuGa.....	1	1	seq
	. . . . . uggcuuAgaquucuagugauuGa.....	1	1	seq

Mature Star

acaguuuugcagcagggaauucuggcuugggaguuccuagugauugaauucacugauucacugaaacuccaaaccugauuuuccuguuugcuauaggcgagaccuaucaauuggccguuaga			
.....uggcuugggaguuccuagAgauuga.....	2	1	seq
.....uggcCugggaguuccuagugauuga.....	2	1	seq
.....uggcuugggaAuuccuagugauuga.....	2	1	seq
.....Aggcuugggaguuccuagugauuga.....	3	1	seq
.....uggcuugggaguAacuagugauuga.....	1	1	seq
.....uggcuugggaguuccuagugauugU.....	17	1	seq
.....uggUuugggaguuccuagugauuga.....	1	1	seq
.....uggcGuugggaguuccuagugauuga.....	1	1	seq
.....uggcuugggaguuccuagugauuga.....	481	0	seq
.....uggcAuggaguuccuagugauuga.....	1	1	seq
.....uggcuugggaguuccuaguAauuga.....	1	1	seq
.....Cggcuugggaguuccuagugauuga.....	1	1	seq
.....uggcuugggaguuccuagugaCuga.....	1	1	seq
.....uggcuugggaguuccuagugauugG.....	9	1	seq
.....uggcuugggaguuccuagugauugaC.....	3	1	seq
.....uggcuugggaguuccuagugauugaA.....	1	1	seq
.....uggcuuggGguuccuagugauugau.....	1	1	seq
.....uggcuugggaguuccuagugauugau.....	38	0	seq
.....uggcuugggaguuccuagugauugauu.....	8	0	seq
.....uggcuugggaguuccuagugauugauA.....	2	1	seq
.....uggcuugggaguuccuagugauugaAu.....	3	1	seq
.....uggcuugggaguuccuagugauugauu.....	1	1	seq
.....uggcuugggaguuccuagugauugaAuc.....	2	1	seq
.....ugAcuugggaguuccuagugauugauuca.....	1	1	seq
.....uggcuugggaguuccuagugauuUauucacu.....	1	1	seq
.....cuugggaguuccuagugauugauu.....	4	0	seq
.....uucacugauucacugaaacuccaaaccuga.....	1	0	seq
.....uucacugauucacugaaacuccaaaccugau.....	1	0	seq
.....auucacugaaacuccaaacU.....	3	1	seq
.....auucacugaaacuccaaacc.....	4	0	seq
.....auucacugaaacuccaaacA.....	14	1	seq
.....auucacCgaacuccaaaccu.....	1	1	seq
.....aCucacugaaacuccaaaccu.....	1	1	seq
.....auucacugaaacuccaaaccu.....	51	0	seq
.....auucacugaaacuccaaaccC.....	9	1	seq
.....auucacugaaacuccaaaccuC.....	2	1	seq
.....Guucacugaaacuccaaaccug.....	3	1	seq
.....auCcacugaaacuccaaaccug.....	2	1	seq
.....auucacCgaacuccaaaccug.....	3	1	seq
.....auucacugaaacuccaaaccuU.....	2	1	seq
.....auucacugaaacuccaaaccug.....	53	0	seq
.....auucacugaaacuccaaaccuA.....	7	1	seq
.....auucacugaaacuccaaaccuUa.....	1	1	seq
.....auucacugaaacuccaaaccugG.....	2	1	seq
.....auucacCgaacuccaaaccuga.....	1	1	seq
.....auucacugaaacuccaaaccGga.....	2	1	seq
.....auucacGgaacuccaaaccuga.....	1	1	seq
.....auucacugaaacuccaaaccugU.....	7	1	seq
.....auucGcugaaacuccaaaccuga.....	1	1	seq
.....auucacugaaacuccaaaccugC.....	1	1	seq
.....auucacugaaacuccaaaccuga.....	80	0	seq
.....auucacugaaacuccaaaccugaA.....	2	1	seq
.....auucacugaaacuccaaaccugau.....	14	0	seq
.....auucacugaaacuccaaaccugGu.....	1	1	seq
.....auucacugaaacuccaaaccugauA.....	1	1	seq
.....auucacugaaacuccaaaccugauAu.....	1	1	seq
.....auucacugaaacuccaaaccugauuA.....	1	1	seq
.....uucacugaaacuccaaacG.....	3	1	seq
.....uucacugaaacuccaaacU.....	4	1	seq
.....uucacugaaacuccaaacA.....	1	1	seq
.....uucacugaaacuccaaaccC.....	5	1	seq
.....uucacugaaacuccaaaccu.....	38	0	seq
.....uucacugaaacuccaaacUu.....	2	1	seq
.....uucacuCaacuccaaaccug.....	1	1	seq
.....uucacAgaacuccaaaccug.....	1	1	seq
.....uucacugaGcuccaaaccug.....	1	1	seq
.....uucacugaaacuccaaaccug.....	70	0	seq
.....uucacugaaacuccaaaccuU.....	2	1	seq
.....Cuacugaaacuccaaaccug.....	1	1	seq
.....uAacugaaacuccaaaccug.....	1	1	seq

Mature Star

acaguuugcagcagggaaucuggcuuggaguuuagugauuga <u>uucacugauu</u> ccacugaacuccaaaccugauuuccuguuugcuauaggcgagacc <u>auca</u> augggccguuaga			
.....uucacugaacuccaaaccuA.....	8	1	seq
.....uucacugaacuccaaaccugU.....	1	1	seq
.....uucacugaacuccaaaccuga.....	2	1	seq
.....uucacugaacuccaaaccuga.....	16	0	seq
.....uucacugaacuccaaaccugau.....	3	0	seq
.....uucacugaacuccaaaccugauu.....	1	0	seq
.....ucacugaacuccaaaccu.....	12	0	seq
.....ucGcugaacuccaaaccug.....	1	1	seq
.....ucacGgaacuccaaaccug.....	1	1	seq
.....ucacugaacuccaaaccuA.....	11	1	seq
.....ucacugaacuccaaaccug.....	35	0	seq
.....ucacugaacuccaaaccuU.....	2	1	seq
.....ucacugaUcuccaaaccug.....	1	1	seq
.....ucaUugaacuccaaaccug.....	2	1	seq
.....ucacugaacuccaaaccuga.....	7	0	seq
.....ucacugaacuccaaaccugU.....	4	1	seq
.....ucacugaacuccaaaccugau.....	1	0	seq
.....ucacugaacuccaaaccugauA.....	2	1	seq
.....cacugaacuccaaaccug.....	2	0	seq
.....cacugaacuccaaaccuA.....	2	1	seq
.....acugaacuccaaaccGga.....	1	1	seq
.....acugaacuccaaaccuga.....	9	0	seq
.....acugaacuccaaaccugC.....	3	1	seq
.....acugaacuccaaaccugau.....	7	0	seq
.....Ccugaacuccaaaccugau.....	1	1	seq
.....acugaacuccaaacUugauu.....	1	1	seq
.....acugaacuccaaaccugauu.....	40	0	seq
.....acugaacuccaaaccugauA.....	1	1	seq
.....acugaacCccaaaccugauu.....	1	1	seq
.....acugaacuccaaaccugauC.....	2	1	seq
.....acugaacuccaaaccugauuA.....	2	1	seq
.....acugaacuccaaaccugauGu.....	1	1	seq
.....acugaacuccaaaccugauuC.....	1	1	seq