



5' -	-3'	obs	
		exp	
accuccagcuauuuguccuauaccacgaaggguaccgauuuuuuugguguucagagucuuuguuguguuucuaagcaccuuuuugaaaucgguuacaauaaaggacaaagucaac			
accuccagcuauuuguccuauaccacgaaggguaccgauuuuuuugguguucagagucuuuguuguguuucuaagcaccuuuuugaaaucgguuacaauaaaggacaaagucaac			
.....(((((((.....(.....)(((((((((((((((.....(((((((.....(.....(.....(.....)))))))))).....)))))))))).....)))))))))).....	reads	mm	sample
.....accgauuuuuuugguguucag.....	3	0	s02
.....accgauuuuuuugguguucaga.....	5	0	s02
.....accgauuuuuuugguguucagag.....	9	0	s02
.....accgauuuuuuugguguucagagA.....	4	1	s02
.....accgauuuuuuugguguucagagu.....	2	0	s02
.....cgauuuuuuugguguucagag.....	5	0	s02
.....cgauuuuuuugguguucagagA.....	7	1	s02
.....cgauuuuuuugguguucagagu.....	4	0	s02
.....ucuagcaccuuuuugaaaucgg.....	1	0	s02
.....ucuagcaccuuuuugaaaucgggu.....	4	0	s02
.....ucuagcaccuuuuugaaaucgguu.....	1	0	s02
.....cuagcaccuuuuugaaaucgggu.....	8	0	s02
.....cuagcGccuuuuugaaaucgguu.....	1	1	s02
.....cuagcaccuuuuugaaaucgUuu.....	1	1	s02
.....cuagcaccuuuuugaaaucUguu.....	1	1	s02
.....cuagcaccuuuuugaaaucgguu.....	57	0	s02
.....cuagcaccuuuuugaaaucggGu.....	1	1	s02
.....cuagcaccuuuuugaaaucgguuu.....	22	0	s02
.....cuagcaccuuuuugaaaucgguuC.....	3	1	s02
.....uagcaccuuuuugaaaucgg.....	6	0	s02
.....uagcaccuuuuugaaaucgggu.....	30	0	s02
.....uagcaccuuuuugaaUucgggu.....	1	1	s02
.....uagcaccuuuuugaaaucggguA.....	1	1	s02
.....uagcCccuuuuugaaaucgguu.....	1	1	s02
.....uagcaccuuuuugaaaucUguu.....	1	1	s02
.....uagcaccuuuuugaaauUgguu.....	1	1	s02
.....uagcaccuuuuAaaaucgguu.....	1	1	s02
.....uagcaccuuuuugaaaucggGu.....	3	1	s02
.....uagcaGcauuuuugaaaucgguu.....	1	1	s02
.....uagcaccuuuuugaaaucgguu.....	193	0	s02
.....uagcaccuuuuGaaucgguu.....	2	1	s02
.....uagNaccuuuuugaaaucgguu.....	1	1	s02
.....Aagcaccuuuuugaaaucqguua.....	2	1	s02

Star

Mature

accuccagcuauuuguccuaucaaccaaggguaccgauuucuuuugguguucagagucuuguuguguuuuagcaccauuugaaaucgguucaauaaaggacaaagucaac

.....uagcaccauuugaaaucgguuU.....	10	1	s02
.....uagcaccauuugaaaucggGua.....	9	1	s02
.....uagcCccauuugaaaucggua.....	1	1	s02
.....uaCcacauuugaaaucggua.....	1	1	s02
.....Nagcaccauuugaaaucggua.....	2	1	s02
.....uagcaccauuugaaaUaggua.....	2	1	s02
.....uagcacUauuugaaaucggua.....	2	1	s02
.....uagcaccauuugCaaucggua.....	1	1	s02
.....uagcaccGuuugaaaucggua.....	1	1	s02
.....uagcaccuuugaaaGcggua.....	1	1	s02
.....uagcaccuuugaaCucggua.....	2	1	s02
.....uagcaccuuugaUaucggua.....	1	1	s02
.....Cagcaccuuugaaaucggua.....	1	1	s02
.....uagcaccuuugaaaucGUua.....	1	1	s02
.....uagcacAuuugaaaucggua.....	1	1	s02
.....uagcaccuuugaaaucggua.....	1083	0	s02
.....uagcaccuuugaaaucggCa.....	1	1	s02
.....Gagcaccuuugaaaucggua.....	1	1	s02
.....uagcaccuuugaaaucggAua.....	1	1	s02
.....uagcaccuGugaaaucggua.....	1	1	s02
.....uagcaAccuuugaaaucggua.....	1	1	s02
.....uagcaccuuugaaaucggUGa.....	1	1	s02
.....uagcacCaugaaaucggua.....	1	1	s02
.....uagcaccuuugaCaucggua.....	1	1	s02
.....uagcaccuuugGaaucggua.....	4	1	s02
.....uagcaccuuugaaaucgguaG.....	3	1	s02
.....uagcaccuuugaaaucgguuac.....	17	0	s02
.....uagcaccuuugaaaucggGuac.....	1	1	s02
.....uagcaccuuugaaaucgguaA.....	33	1	s02
.....uagcaccuuugaaaucgguaAa.....	2	1	s02
.....uagcaccuuugaaaucgguuaca.....	4	0	s02
.....agcaccuuugaaaucgguu.....	2	0	s02
.....accuuugaaaucggua.....	2	0	s02
.....accgauuucuuuugguguucag.....	5	0	s01
.....accgauuucuuuugguguucaga.....	8	0	s01
.....accgCuuuucuuuugguguucagag.....	1	1	s01
.....accgauuucuuuugguguucagag.....	13	0	s01
.....accgauuucuuuugguguucagagu.....	10	0	s01
.....accgauuucuuuugguguucagagA.....	6	1	s01
.....ccgauuucuuuugguguucaga.....	2	0	s01
.....ccgauuucuuuugguguucagag.....	1	0	s01
.....ccgauuucuuuugguguucagagA.....	1	1	s01
.....ccgauuucuuuugguguucagagu.....	1	0	s01
.....cgauuucuuuugguguucagag.....	2	0	s01
.....cgauuucuuuugguguucagagA.....	5	1	s01
.....cuagcaccuuugaaaucggU.....	9	0	s01
.....cuagcaccuuugaCaucgguu.....	1	1	s01
.....cuagcaUcauuugaaaucgguu.....	1	1	s01
.....cuagcaccuuugaaaucgguu.....	47	0	s01
.....cuagcaccuuugaaaucggua.....	23	0	s01
.....cuagcacAuuugaaaucggua.....	1	1	s01
.....uagcaccuuugaaaucgg.....	2	0	s01
.....uagcaccuuugaaaucggU.....	11	0	s01
.....uagcaccuuugaUaucggU.....	1	1	s01
.....uagcaccuuugGaaucgguu.....	1	1	s01
.....uagcaccuuugaaaucGUu.....	1	1	s01
.....uagcaccuuugaaaGcgguu.....	1	1	s01
.....uagcaccuuugaaaucgguu.....	117	0	s01
.....uagcaccuuugaaGucgguu.....	1	1	s01
.....uaAcaccuuugaaaucggua.....	2	1	s01
.....uagcaccuuugaaCucggua.....	2	1	s01
.....uagcaccuuugaUaucggua.....	1	1	s01
.....uagcacAuuugaaaucggua.....	1	1	s01
.....uaUcaccuuugaaaucggua.....	1	1	s01
.....uagcaccuuugaaUucggua.....	1	1	s01
.....uagcaccuuugaaUggua.....	1	1	s01
.....uagcaccuuugaaaucgguuU.....	3	1	s01
.....uagcaccuuugaaaucggua.....	1	1	s01
.....uagcaccuuuAaaaucggua.....	2	1	s01

Star

Mature

accuccagcuauuuguccuaucaaccaagggugaccgauuucuuuugguguucagagucuuguuguguuuu <u>cuagcacc</u> auuugaaaucgguuacaauaaaggacaaagucaac			
.....uagcacc <u>auuugaaaucg</u> Uua.....	4	1	s01
.....uagcacc <u>auuugaaaucgg</u> Gua.....	1	1	s01
.....uagcacc <u>auuugaaaauAg</u> guua.....	1	1	s01
.....uagcaU <u>cauuugaaaucg</u> guua.....	1	1	s01
.....uagcG <u>ccauuugaaaucg</u> guua.....	2	1	s01
.....Gagcacc <u>auuugaaaucg</u> guua.....	1	1	s01
.....uagcacc <u>auuugUaaucg</u> guua.....	1	1	s01
.....uagcacc <u>auuugCaaucg</u> guua.....	2	1	s01
.....uagcacc <u>auuugaaaucg</u> guua.....	686	0	s01
.....uagcacc <u>auuugaaaucgg</u> Aua.....	1	1	s01
.....uagcaA <u>cauuugaaaucg</u> guua.....	1	1	s01
.....uagcacc <u>auuugaaaucC</u> guua.....	1	1	s01
.....Aagcacc <u>auuugaaaucg</u> guua.....	1	1	s01
.....uagcacc <u>auuugaaaucgg</u> uAa.....	1	1	s01
.....uagcacc <u>auuugaaaucg</u> guua.....	1	1	s01
.....uagcacc <u>auuugaaaucA</u> guua.....	1	1	s01
.....uagcacc <u>auuugaaaucg</u> guuac.....	1	0	s01
.....uagcacc <u>auuugaaaucg</u> guuaA.....	23	1	s01
.....uagcacc <u>auuugaaaucg</u> Uuuac.....	1	1	s01
.....uagcacc <u>auuugaaaucgg</u> uacU.....	1	1	s01
.....uagcacc <u>auuugaaaucg</u> guuaAa.....	2	1	s01
.....agcacc <u>auuugaaaucg</u> guua.....	1	0	s01