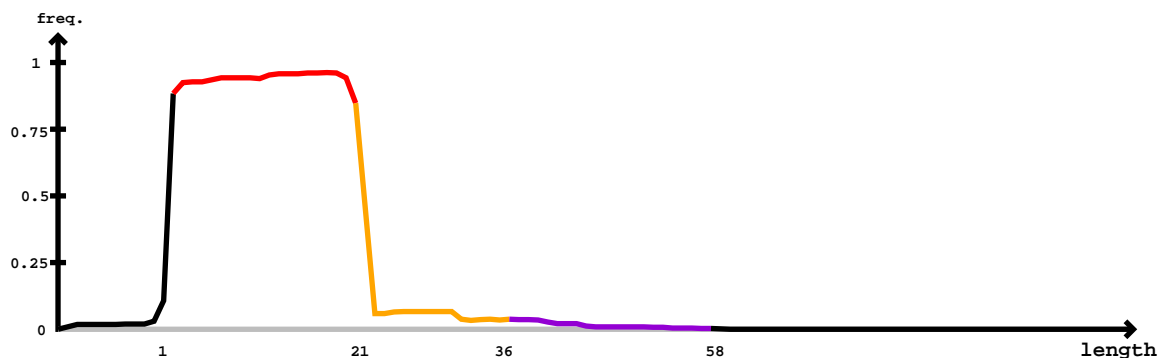


[illegible]

Star

5' -	-3'	obs	
	reads	mm	sample
aaagcggacc <u>auagacggaccgcauguugcugucaagaccgcacugcaacaugcgguccgccgcacgggaucugcaguuuccauacuaaaauucauauugaucgcaauacacg</u> aaagcggacc <u>auagacggaccgcauguugcugucaagaccgcacugcaacaugcgguccgccgcacgggaucugcaguuuccauacuaaaauucauauugaucgcaauacacg</u> ...(((((((...(.(((((((((((((((((((((.....)))))))))....)))).)....))....((((.....)))....auagacggaccgcauguugc.....	2	0	A54
.....cUauagacggaccgcauguug.....	1	1	H23
.....Uuagacggaccgcauguug.....	1	1	H23
.....auagacggaccgcauguugc.....	3	0	H23
.....auagacggaccgcaugGugc.....	1	1	H23
.....auagaUggaccgcauguugc.....	2	1	H23
.....cauagacggaccgcauguug.....	1	0	B03
.....cauagacggaccgcauguugc.....	1	0	B03
.....auagacggaccgcauguugc.....	3	0	B03
.....cgcauguugcugucaagacc.....	1	0	B03
.....auagacggaccgcauguugc.....	10	0	H03
.....uagacggaccgcauguugc.....	1	0	H03
.....auagacggaccgcauguug.....	1	0	A43
.....auagacggaccgcauguugc.....	6	0	A43
aaagcggacc <u>auagacggaccgcauguugcugucaagaccgcacugcaacaugcgguccgccgcacgggaucugcaguuuccauacuaaaauucauauugaucgcaauacacg</u>cauagacggaccgcauguug.....	1 2	0 0	H12 H12
.....auagacggaccgcauguug.....	1	0	H12
.....aCagacggaccgcauguugc.....	5	1	H12
.....auagacggaccgcauguugc.....	14	0	H12
.....auagaUggaccgcauguugc.....	1	1	H12
.....auagacggaccgcauguu.....	1	0	T72
.....auagacggaccgcauguugc.....	2	0	T72
.....uagacggaccgc <u>auAuugcugu</u>	1	1	T72
.....auagaUggaccgcauguugc.....	1	1	H14
.....auagacggaccgcauguugc.....	3	0	H14
.....aCagacggaccgcauguugc.....	2	1	H14

Mature

Star

aaagcggacc <u>auagacggacgcgcauguugcugucaagaccgacugca</u> acaugcggucgccgcacgggaucugcaguuuccauacuaaaaucauauugaucgcaauacacg			
.....agacggaUcgcauguugc.....	1	1	H14
.....cgcauguugcGgucaagacc.....	1	1	H14
.....cAauagacggacgcgcauguug.....	1	1	A63
.....cauagacgAaccgcauguug.....	1	1	A63
.....auagacggacgcgcauguugc.....	4	0	A63
.....acggacgcgcauguugcAgucaagaccgacugcaaca.....	1	1	A63
.....auagacggacgcgcauguugc.....	2	0	A31
.....cauagacggacgcgcauguug.....	1	0	R71
.....auagacggacgcgcauguugc.....	4	0	R71
.....auagaUggacgcgcauguugc.....	1	1	R71
.....aCagacggacgcgcauguugc.....	1	1	H51
.....auagacggacgcgcauguugc.....	13	0	H51
.....auagacggacgcgcauguugcu.....	1	0	H51
.....uagacggacgcgcauguugc.....	1	0	H51
.....cauaAacggacgcgcauguug.....	1	1	A22
.....auagacggacgcgcauguugc.....	2	0	A22
.....auagacggacgcgcauguug.....	1	0	H24
.....auagacggacgcgcauguugc.....	13	0	H24
.....auagaUggacgcgcauguugc.....	2	1	H24
.....auagacggaUcgcauguugc.....	1	1	H24
.....cgcauguugcugucaagacU.....	1	1	H24
.....cgcauguugcugucaagacc.....	3	0	H24
.....gcauguugcugucaagaccg.....	1	0	H24
.....uugcugucaagaccgacugc.....	1	0	H24
.....caagaccgacugcaacaugc.....	1	0	H24
.....caacaugcggucgccgcacggC.....	1	1	H24
.....auGgacggacgcgcauguugc.....	1	1	H52
.....aCagacggacgcgcauguugc.....	1	1	H52
.....auagacggacgcgcauguugc.....	8	0	H52
.....Cagacggacgcgcauguugc.....	1	1	H52
.....uagacggacgcgcauguugc.....	1	0	H52
.....auagacggacgcgcauguug.....	2	0	H32
.....auagacggacgcgcauguugc.....	3	0	H32
.....acggaccgcauguugcAgucaagaccgacugcaaca.....	1	1	H32
.....cggaccgcauguugcAgucaagaccgacugcaac.....	2	1	H32
.....auagacggacgcgcauguu.....	1	0	H72
.....auagacggaccAcauguugc.....	1	1	H72
.....auagacggacgcgcauguugA.....	1	1	H72
.....auagacggacgcgcauguugc.....	2	0	H72
.....uagacggacgcgcauguugc.....	1	0	H72
.....auagacggacgcgcauguugc.....	1	0	E11
.....auagacggacgcgcaugGugc.....	3	1	E11
.....acggaccgcauguugcAgucaagaccgacugcaaca.....	1	1	E11
.....cggaccgcauguugcugucaagaccgacugAaa.....	1	1	E11
.....caagaccgacugcaacaauACg.....	1	1	E11
.....cauagacggacgcgcauguug.....	2	0	H22
.....Uauagacggacgcgcauguug.....	2	1	H22
.....auagacggacgcgcauguug.....	1	0	H22
.....aCagacggacgcgcauguugc.....	1	1	H22
.....auagacggacgcgcauguugc.....	19	0	H22
.....auaAacggacgcgcauguugc.....	1	1	H22
.....cgcauguugcCgucaagacc.....	1	1	H22
aaagcggacc <u>auagacggac</u>	1	0	E21
.....auagacggacgcgcauguugU.....	1	1	E21
.....ccaCagacggacgcgcauguug.....	1	1	H64
.....auagacggacgcgcauguugc.....	2	0	H64
.....aCagacggacgcgcauguugc.....	1	1	H64

Mature

Star

aaagcggaccauagacggacgcgcauguugcugucaagaccgacugcaacaugcgguccgcgcgcgggaucugcaguuuccauacu^{aaau}cauauugaucgcaauacacg

.....cauagacggaccgcauguug.....	1	0	A24
.....auagacggaccgcauguugc.....	1	0	A24
.....cgcauguugcugucaagacc.....	2	0	A24
aaagcggacc <u>auagacg</u> Cacc.....	1	1	A61
.....auagacggaccgcauguugc.....	1	0	A61
.....cauagacggaccAcauguug.....	1	1	E23
.....auagacggaccgcauguugc.....	9	0	E23
.....auagacggaccgGauguugc.....	1	1	E23
.....caagaAcgacugcaacaugc.....	1	1	E23
.....caCagacggaccgcauguug.....	1	1	H61
.....auagacggaccgcauguugc.....	3	0	H61
aaagcggacc <u>auagacggac</u>	1	0	H02
.....caCagacggaccgcauguug.....	1	1	H02
.....cauagacggaccgcauguugc.....	1	0	H02
.....aCagacggaccgcauguugc.....	1	1	H02
.....auagacggaccgcauguugc.....	9	0	H02
.....cgcauguugcugucaagacc.....	1	0	H02
.....auagacggaccgcauguugc.....	3	0	E71
.....auagacggaccgcauguugc.....	7	0	B02
.....uagacggaccgcauguugc.....	1	0	B02
.....auagacggaccgcauguugc.....	3	0	H21
.....cgcauguugcGgucaagacc.....	1	1	H21
.....caCagacggaccgcauguug.....	1	1	E22
.....aCagacggaccgcauguug.....	1	1	E22
.....auagacggaccgcauguugc.....	8	0	E22
.....aCagacggaccgcauguugc.....	1	1	E22
.....cugcaacaugcgguccgc.....	1	0	E22
.....ugcaacaugcgguccgcacU.....	1	1	E22
.....auagacggaccgcaugGugc.....	1	1	A23
.....caacaugcgguccgcgcacggU.....	1	1	A23
.....auagacgCaccgcauguugc.....	1	1	H13
.....auagacggaccgcauguugc.....	2	0	H13
.....auagacggaccgcauguugc.....	1	0	A42
.....auagacggaccgcauguugc.....	2	0	H73
.....uagacggaccgcauguugc.....	1	0	H73
.....cauaAacggaccgcauguug.....	1	1	H54
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.....auaAacggaccgcauguugc.....	1	1	H54
.....auagacggaUcgcauguugc.....	1	1	H54
.....aCagacggaccgcauguugc.....	2	1	H54
.....auagacggaccgcauguugc.....	3	0	H54
.....agacggaccgcauguugc.....	1	0	H54
.....acggaccgcauguugcAgucaagaccgacugcaaca.....	1	1	H54
.....auagacggaccgcauguugc.....	2	0	B13
.....auagacggaccgcauguugc.....	3	0	R72
.....auagUcggaccgcauguugc.....	1	1	R72
.....auagacggaccgcauguugc.....	2	0	H74
.....cugcaacaugcgguccgcgU.....	2	1	H74
.....ccauagacggaccgcauguu.....	1	0	E03
.....ccauagacggaccgcauguug.....	1	0	E03
.....cauagacggaccgcauguugc.....	1	0	E03
.....auagacggaccgcauguugc.....	6	0	E03

Mature

Star

aaagcggacc <u>auagacggaccgcauguugcugucaagaccgacugca</u> acaugcggucgcccgcacgggaucugcaguuuccauacu ^{aaaucauauugaucgcaauacacg}			
.....uagacggacUgcauguugc.....	1	1	E03
.....cgcauguugcugucaagacc.....	1	0	E03
.....auagacggaccgcauguug.....	1	0	H01
.....auagacggaccgcauguugc.....	6	0	H01
.....auagaUggaccgcauguugc.....	1	1	H01
.....uagacggaccgcauguugc.....	1	0	H01
.....cgcauguugcCgucaagacc.....	1	1	B04
.....auagacggaccgGauguugc.....	1	1	H43
.....auagacggaccgcauguugc.....	7	0	H43
.....uagaUggaccgcauguugc.....	1	1	H43
.....uguugcGgucaagaccgacu.....	1	1	H43
.....cAauagacggaccgcauguugc.....	1	1	H63
.....cauagacggaccgcauguu.....	1	0	H63
.....cauagacggaccgcauguugc.....	1	0	H63
.....auagacggaccgcauguugc.....	11	0	H63
.....uagacggaccgcauguugcAgucaagaccgacugcaacaugc.....	2	1	H63
.....aagaccgacugcaacaugcg.....	1	0	H63
.....cauagacggaccgcauguugA.....	1	1	H44
.....cauagacggaccgcauguugc.....	1	0	H44
.....auagacggaccgcauguu.....	1	0	H44
.....auagacggaccAcauguug.....	1	1	H44
.....auagacggaccgcauguugc.....	14	0	H44
.....auagacggaccgcaAguugc.....	1	1	H44
.....auagacggaccgcauguugU.....	2	1	H44
.....auagacggacGcgcauguugc.....	1	1	H44
.....uagaUggaccgcauguugc.....	1	1	H44
.....cgcauguugcGgucaagacc.....	1	1	H44
.....auagacggaccgcauguugc.....	6	0	B01
.....auagacggaccgcaugGugc.....	1	1	B01
.....caCagacggaccgcauguug.....	1	1	R74
.....auagacggaccgcauguugc.....	3	0	R74
.....uagacggaccgcauguugc.....	1	0	R74
.....cgcauguugcugucaagacc.....	1	0	R74
.....auagacggaccgcauguugc.....	7	0	H33
.....auagacggaccAcauguugc.....	2	1	H33
aaagcggacc <u>auagacggac</u>	1	0	H53
.....cauagacggaccgcauguu.....	1	0	H53
.....cauagacggacUgcauguu.....	1	1	H53
.....cauagacggaccgcauguug.....	1	0	H53
.....auagacggaccgcauguugc.....	11	0	H53
.....auagacggacUgcauguugc.....	1	1	H53
.....uagacggaccgcauguug.....	1	0	H53
.....uagacggaccgcauguugc.....	1	0	H53
.....gcauguugcGgucaagacc.....	1	1	H53
.....uguugcugucaagaccga.....	1	0	H53
.....cauagacggaccgcauguug.....	2	0	H04
.....cauagacggaccgcauguugc.....	1	0	H04
.....auagacgAaccgcauguugc.....	1	1	H04
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.....auagaUggaccgcauguugc.....	1	1	H04
.....auagacggacUgcauguugc.....	1	1	H04
.....uagacggaccgcauguugc.....	1	0	A32
aaagcggacc <u>auagacgga</u>	1	0	A53
.....auagacggaccgcauguugc.....	1	0	A53
.....cauagacggaUcgcauguug.....	1	1	H62
.....auagacggaccgcauguugc.....	6	0	H62
.....auagacggaUcgcauguugc.....	2	1	H42

Mature

Star

aaagcggacc <u>auagacggacgcgcauguugcugucaagaccgacugca</u> acaugcgguccgcgcgaggauaucgaguuuccauacuaaaaucauauugaucgcaauacacg			
.....auagacggacgcgcauguugc.....	4	0	H42
.....auagacggacUgcuguugc.....	1	1	H42
.....uagaUggaccgcgcauguugc.....	2	1	H42
.....cauagacggacgcgcauguug.....	1	0	E12
.....auagacggacgcgcauguu.....	1	0	E12
.....auagaUggaccgcgcauguu.....	1	1	E12
.....auagacggacgcgcauguug.....	1	0	E12
.....auagaUggaccgcgcauguugc.....	1	1	E12
.....auagacggacgcgcauguugc.....	5	0	E12
.....uagacggacgcgcauguugc.....	1	0	E12
.....cauagacggacgcgcauguugc.....	1	0	H11
.....auagacggacgcgcauguug.....	1	0	H11
.....auagacggacgcgcauguugc.....	7	0	H11
.....uagacggacgcgcauguug.....	1	0	H11
.....cauagacggacUgcuguug.....	1	1	E14
.....auagacggacgcgcauguugc.....	5	0	E14
.....cauagacggacgcgcauguug.....	1	0	A04
.....cauagacggaUcgcauguug.....	1	1	A04
.....cauagacggacgcgcauguugc.....	1	0	A04
.....auagacggaccAcauguug.....	1	1	A04
.....auagacggacgcgcauguugc.....	8	0	A04
.....cauagacggacgcgcauguug.....	1	0	E24
.....Uauagacggacgcgcauguug.....	1	1	E24
.....auagacggacgcgcauguugc.....	1	0	E24
.....auagacggacgcgcauguugc.....	6	0	H41
.....aCagacggacgcgcauguugc.....	1	1	A34
.....auagacggacgcgcauguugc.....	1	0	A34
.....auagacggacgcgcauguugc.....	1	0	A21
.....caagaccgacugcaacaugc.....	1	0	A21
.....auagacggacgcgcauguu.....	1	0	R73
.....auagacggacgcgcauguug.....	1	0	R73
.....auagacggacgcgcauguugA.....	1	1	R73
.....auagacggacUgcuguugc.....	1	1	R73
.....auagacggacgcgcauguugc.....	8	0	R73
.....uagacggacgcgcauguugc.....	1	0	R73
.....acggaccgcgcauguugcAgucaagaccgacugcaac.....	1	1	R73
.....cgcauguugcCgucaagacc.....	1	1	R73
.....gAaccuagacggacgcgca.....	1	1	E04
.....auagacggacgcgcauguugc.....	5	0	E04
.....auagacggacgcgcauguugcu.....	1	0	E04
.....uagacggacgcgcauguugc.....	1	0	E04
.....auagacggaccAcauguugc.....	1	1	T73
.....auagacggacgcgcauguugc.....	1	0	T73
.....auagacggacgcgcauguug.....	2	0	T74
.....auagacggacgcgcauguugc.....	3	0	T74
.....gcauguugcGgucaagaccg.....	1	1	T74
.....caCagacggacgcgcauguug.....	1	1	E74
.....cauagacggacgcgcauguug.....	1	0	E74
.....aCagacggacgcgcauguugc.....	1	1	E74
.....auGgacggacgcgcauguugc.....	1	1	E74
.....auagacggacgcgcauguugc.....	8	0	E74
.....cgcauguugcugucaagacc.....	1	0	E74
.....uguugcGgucaagaccgacu.....	1	1	E74
aaagcggacc <u>auagacggac</u>	1	0	A51
.....auagacggacgcgcauguugc.....	3	0	A51
.....gcauguugcGgucaagaccg.....	1	1	A51

Mature

Star

aaagcggaccauagacggaccgcauguugcugucaagaccgacugcaacaugcggucgccgcacgggaucugcaguuuccauacu~~aaaucauauugaucgcaauacacg~~

.....cauagacggaccgcauguug.....	2	0	E02
.....auagacggaccgcauguugc.....	10	0	E02
.....auagaUggaccgcauguugc.....	2	1	E02
.....cauagacggaccAcauguug.....	1	1	B12
.....Uauagacggaccgcauguug.....	1	1	B12
.....auagacggaccgcauguug.....	1	0	B12
.....auagacggaccgcauguugc.....	7	0	B12
.....auagacggacUgcauguugc.....	1	1	E72
.....cauagacCgaccgcaugu.....	1	1	E73
.....cauagacggaccgcauguug.....	1	0	E73
.....auagacggaccgcauguu.....	1	0	E73
.....auagacggaccgcauguugA.....	1	1	E73
.....auagGcggaccgcauguugc.....	1	1	E73
.....auagacggaccgcauguugc.....	4	0	E73
.....uagacggaccgcauguugc.....	1	0	E73
.....caagaccgacugcaacaugc.....	1	0	E73
.....cauagacggaccgcauguugc.....	1	0	B14
.....auagacggaccgcauguugc.....	4	0	B14
.....auagacggaccgcauguugcG.....	1	1	B14
.....uagacggaccgcauguug.....	1	0	B14
.....auagacggaUcgcauguugc.....	1	1	E13
.....auGgacggaccgcauguugc.....	1	1	E13
.....auagacggaccgcauguugc.....	11	0	E13
.....uagacggaccgcauguugc.....	1	0	E13
.....ccauagacggaccgcauguu.....	1	0	E01
.....cauagacggaccgcauguug.....	1	0	E01
.....auagacggaccgcauguugc.....	10	0	E01
.....auagacggaccAcauguugc.....	2	1	B11
.....auagacggaccgcauguugc.....	2	0	B11
.....cggaccgcauguugcAgucaagaccgacugcaac.....	1	1	B11
.....auagacggaccgcauguugc.....	1	0	A11
aaagcggacc <u>auagacggac</u>	2	0	A44
.....auagacggaccgcauguugc.....	3	0	A44
aaagcggacc <u>auagacggac</u>	1	0	A01
.....auagacggaccgcauguugc.....	1	0	A01
.....auagacggacAgcauguugc.....	1	1	A01
aaagcggacc <u>auagacggac</u>	2	0	A02
.....auagacggaccgcauguugc.....	3	0	A02
.....cgcauguugcCgucaagacc.....	1	1	A02
.....auagaUggaccgcauguugc.....	1	1	T71
.....auagacggaccgcauguugc.....	5	0	T71
.....Uauagacggaccgcauguug.....	1	1	H34
.....auagacggaccgcauguug.....	1	0	H34
.....auagacggaccgcauguugc.....	4	0	H34
.....auagaUggaccgcauguugc.....	1	1	H34
.....cggaccgcauguugcAgucaagaccgacugcaac.....	1	1	H34
.....auagacggaccgcauguug.....	1	0	A64
.....Uauagacggaccgcauguugc.....	1	1	H71
.....auagacggaccgcauguugc.....	14	0	H71
.....auagacggaGcgcauguugc.....	1	1	H71