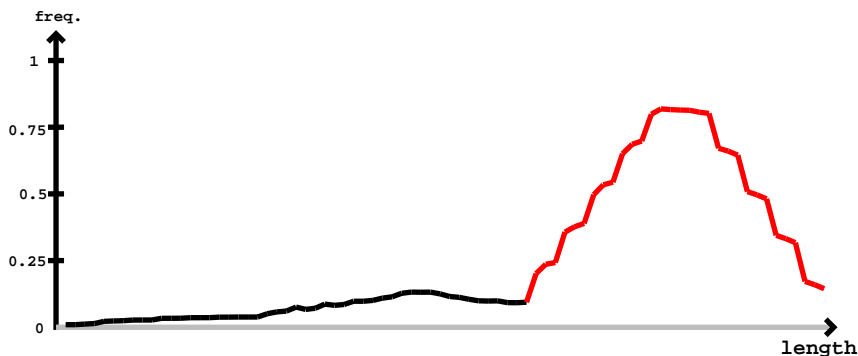


Montipora\_capitata\_Hiv3 : 2649fold\_8\_585867 read count  
 Montipora\_capitata\_Hiv3 : 2649fold\_8\_585867 read count  
 Montipora\_capitata\_Hiv3 : 2649fold\_8\_585867 read count  
 Montipora\_capitata\_Hiv3 : 2649fold\_8\_585867 read count  
 Montipora\_capitata\_Hiv3 : 2649fold\_8\_585867 read count  
 Montipora\_capitata\_Hiv3 : 420ffold\_13\_954675 read count  
 Montipora\_capitata\_Hiv3 : 420ffold\_13\_954675 read count  
 Montipora\_capitata\_Hiv3 : 420ffold\_13\_954675 read count  
 Montipora\_capitata\_Hiv3 : 420ffold\_13\_954675 read count  
 Montipora\_capitata\_Hiv3 : 420ffold\_13\_954675 read count  
 remaining reads : 1624



Montipora\_capitata\_HIv3\_\_Scaffold\_13\_954675

[illegible]

[illegible]

agcagGagcagGagcagGagca.....	1	3	s35
agcagAagcagcagcagcagAagA.....	1	3	s35
.AcagcGgcagcagcagAag.....	2	3	s35
.AcaAacagGagcagcagcagca.....	1	3	s35
.cagGagcagGagcagGagcag.....	1	3	s35
..AaAacagcagcagcagcagcagc.....	1	2	s35
...aAGGcagcagcagcagc.....	3	3	s35
...aUGagcGgcagcagcagc.....	9	3	s35
...agGagAagAagcagcagc.....	3	3	s35
...aUcagAagcagcUgcagca.....	4	3	s35
...AcagcGgcagcagcagAag.....	2	3	s35
....aAGGcagcagcagcagc.....	3	3	s35
....aUGagcGgcagcagcagc.....	9	3	s35
....agGagAagAagcagcagc.....	3	3	s35
....agcagcagcagUgGgAagcg.....	1	3	s35
.....aUcagcagcagcaUcggU.....	1	3	s35
....agcagAagAagcaCcgcc.....	2	3	s35
.....aAacagcagcagGagGggc.....	1	3	s35
.....agcagcagGagcUgGggcgg.....	2	3	s35
.....agcagcagcaAAggcggAag.....	1	3	s35
.....agcagcagcagUggAAgcg.....	1	3	s35
.....agcagcagGagcUgGggcgg.....	2	3	s35
.....aCGagGggcgggcgggcg.....	1	3	s35
.....agUCgGggcgggcgggcgggcg.....	2	3	s35
.....gcaAGgACggcgggcgggcg.....	1	3	s35
.....agGggcgggcgggcgggcg.....	1	1	s35
.....agAggcgggcgggGggAggc.....	1	3	s35
.....agcgggcUgAggcgggcUc.....	14	3	s35
.....agUggUggcgggcgggcg.....	1	2	s35
.....agcgggcgggcACGggcgggcg.....	2	3	s35
.....agUCgGggcgggcgggcgggcg.....	2	3	s35
.....AcggcgggUggcgggcgggcg.....	8	2	s35
.....AcggUggcgggcgggAggcg.....	4	3	s35
.....AcggcgggUggcgggcgggcg.....	3	2	s35
.....AcggUggUggcgggcgggcg.....	3	3	s35
.....AcggcgggcgggcgggcgggcUA.....	9	3	s35
.....AaggUggcgggcgggUggcg.....	4	3	s35
.....AaggcgggUggcgggUggcg.....	8	3	s35
.....AaggcgggcgggUggAggcg.....	4	3	s35
.....AaggUggcgggUggcgggcg.....	24	3	s35
.....AaggcgggUggAaggcgggcg.....	4	3	s35
.....AaggcgggcgggcgggUggcg.....	3	2	s35
.....AaggcgggUggcgggcgggcg.....	3	2	s35
.....AaggcgggUggcgggcgggUggc.....	3	3	s35
.....ggcgggcgggAaggAaggUggc.....	3	3	s35
.....ggAaggcgggcgggAaggcgG.....	4	3	s35
.....AcggcgggUggcgggcgggcg.....	8	2	s35
.....AcggUggcgggcgggAaggcg.....	4	3	s35
.....AcggcgggUggcgggcgggcg.....	3	2	s35
.....AcggcgggcgggcgggcgggcUA.....	9	3	s35
.....AcggUggUggcgggcgggcg.....	3	3	s35
.....AggcgggUggAaggcgggcg.....	4	3	s35
.....AggcgggcgggUggAaggcg.....	4	3	s35
.....AaggUggcgggUggcgggcg.....	24	3	s35
.....AaggcgggUggcgggUggcg.....	8	3	s35
.....AaggUggcgggcgggUggcg.....	4	3	s35
.....AaggcgggcgggcgggUggcg.....	3	2	s35
.....AaggcgggUggcgggcgggUggc.....	3	3	s35
.....AaggcgggUggcgggcgggcg.....	3	2	s35
.....ggAaggcgggcgggAaggcgG.....	4	3	s35
.....ggcgggcgggAaggAaggUggc.....	3	3	s35
.....AcggUggcgggcgggAaggcg.....	4	3	s35
.....AcggcgggUggcgggcgggcg.....	8	2	s35
.....AcggcgggUggcgggcgggcg.....	3	2	s35
.....AcggUggUggcgggcgggcg.....	3	3	s35
.....AcggcgggcgggcgggcgggcUA.....	9	3	s35
.....AaggcgggUggAaggcgggcg.....	4	3	s35
.....AaggcgggcgggUggAaggcg.....	4	3	s35
.....AaggUggcgggUggcgggcg.....	4	3	s35

**agcagcagcagcagcagcagcagcgggcgccggcgccggcgccggcgccggcg**

.....AggUggcggUggcggcgg.....	24	3	335
.....AggcggUggcggUggcgg.....	8	3	335
.....AggcggUggcggcggUggc.....	3	3	335
.....AggcggUggcggcggcggc.....	3	2	335
.....AggcggcggcggUggcggc.....	3	2	335
.....ggcggcggAggAggUggc.....	3	3	335
.....ggAggcggcggAggcggG.....	4	3	335
.....AcggcggUggcggcggcgg.....	8	2	335
.....AcggUggcggcggAggcgg.....	4	3	335
.....AcggcggUggcggcggcgggu.....	2	2	335
.....AggUggcggUggcggcgg.....	24	3	335
.....AggcggcggUggAggcgg.....	4	3	335
.....AggcggUggAggcggcgg.....	4	3	335
.....AggcggUggcggUggcgg.....	8	3	335
.....AggUggcggcggUggcgg.....	4	3	335
.....Aggcggcggcggcggcggug.....	1	1	335
.....Aggcggcggcggcggcggug.....	2	1	335
.....AggcggUggcggcggcggug.....	2	2	335
.....ggAggcggcggAggcggG.....	4	3	335
.....ggcggGcggcggcggCug.....	3	3	335
.....gcccGcggcggcggCug.....	3	3	335
.....AcggcAgcggcggcCug.....	1	3	335
.....gcgAcggAgcggcggug.....	1	3	335
.....Acggcggcggcggcggug.....	2	1	335
.....AggUggcggcggcggug.....	2	2	335
.....AggUggcggAggcggug.....	1	3	335
.....AggcggUggcggcggugA.....	2	3	335
.....AggAggcggcggcggugA.....	4	3	335
.....AggcggUggcggcggugC.....	1	3	335
.....AggcggcAgcggcggugGgg.....	1	3	335
.....ggcggcggAggAggugC.....	3	3	335
.....AGgcggcggcggugugA.....	1	3	335
.....AggcggUggcggugCgg.....	2	3	335
.....AggGggUggcggugug.....	1	3	335
.....AggUggcggcggugCgg.....	1	3	335
.....UggAggAggcgguguggu.....	1	3	335
.....AggcggcggcggugugA.....	2	2	335
.....Uggcggcggcgguguggu.....	1	1	335
.....ggcggcggAggAggugC.....	3	3	335
.....AggcggcggugAggCgg.....	1	3	335
.....Aggcggcggugugugug.....	1	1	335
.....AggcggcggugAggugCg.....	1	3	335
.....AggcggcggugugCggugC.....	2	3	335
.....ggcggcggAggAggugC.....	3	3	335
.....AUggcggugugugCug.....	1	3	335
.....AggGggggCgguguggg.....	6	3	335
.....AggcggugCggugCgg.....	2	3	335
.....AgAggugugugugAggu.....	24	3	335
.....gAggugAggugAggug.....	6	3	335
.....AggugguCgugugugug.....	5	2	335
.....AggugAggugugugug.....	5	2	335
.....AggGggugCggugugug.....	6	3	335
.....AgAugguUgugugugug.....	5	3	335
.....Aggugugugugugugug.....	15	1	335
.....Aggugugugugugugug.....	15	1	335
.....cggugugugugAggugC.....	1	2	335
.....AggugugugAggugug.....	10	2	335
.....AggugugCggugugugug.....	8	2	335
.....AgAggugugugugAggu.....	24	3	335
.....AggugugCggugugugCg.....	5	3	335
.....AggugugCggugugugug.....	4	3	335
.....AggugugugguUuagugug.....	4	3	335
.....ACuggugugugugugugAgg.....	3	3	335
.....AggugugguCgugugugugug.....	3	2	335
.....AuggugAuggugCggug.....	10	3	335
.....gAggugAggugAggug.....	6	3	335
.....AuggCggugugugugCug.....	5	3	335
.....gugugugCggugugugCg.....	5	2	335
.....gugugugCggugugug.....	4	2	335

[illegible]

..AuggAggugggCgguggguggg.....	4	3	835
..AuggugggugggugggAguggg.....	4	2	835
..AuggugggugggugggCgguggg.....	4	2	835
..AuggugggugggugggugggAgg.....	8	3	835
..AuggugggugggugggugggugggAg.....	3	2	835
..AgggugggAggguggguggguggg.....	5	2	835
..Aggguggguggguggguggguggg.....	15	1	835
..AggGggugggCgguggguggg.....	6	3	835
..AgAuggguPguggguggguggg.....	5	3	835
..AggguggguCgguggguggguggg.....	5	2	835
..uggAggAggCggugggugggug.....	4	3	835
..ugPgugggugggugggPguggg.....	8	2	835
..Aggguggguggguggguggguggg.....	15	1	835
..AggugggugggugggAgggugggug.....	10	2	835
..AgggugggugggCgguggguggguggg.....	8	2	835
..AgAgggugggugggugggAggg.....	24	3	835
..AgugggugggCggugggugggCg.....	5	3	835
..AgugggugggCggugCguggguggg.....	4	3	835
..AguggguggguggguPgugggugggug.....	4	3	835
..AgugggugggugCguggguggguggguggg.....	3	2	835
..ACugggugggugggugggugggAggg.....	3	3	835
..gAgggugggAgggugggAgggug.....	6	3	835
..gugggugggCggugggugggCg.....	5	2	835
..AugggCggugggugggugCug.....	5	3	835
..AugggugAgugggugggCggug.....	10	3	835
..gugggugggCggugCguggguggg.....	4	2	835
..AugggAgggugggCgguggguggg.....	4	3	835
..AugggugggugggugggCgguggg.....	4	2	835
..AugggugggugggugggAguggg.....	4	2	835
..AugggugggugggugggugAgugggAg.....	8	3	835
..AugggugggugggugggugggugggAg.....	3	2	835
..AgggugggugCguggguggguggg.....	5	2	835
..AgggGggugggCgguggguggg.....	6	3	835
..AgAuggguPguggguggguggg.....	5	3	835
..AgggugggAggguggguggguggg.....	5	2	835
..Aggguggguggguggguggguggg.....	15	1	835
..uggAggAggCggugggugggug.....	4	3	835
..ugPgugggugggugggPguggg.....	8	2	835
..Aggguggguggguggguggguggg.....	15	1	835
..AgggugggugggugggAgggugggug.....	10	2	835
..AgggugggugggCgguggguggguggg.....	8	2	835
..AgAgggugggugggugggAggg.....	24	3	835
..AgugggugggCggugggugggCg.....	5	3	835
..AgugggugggCggugCguggguggg.....	4	3	835
..AgugggugggugggugPgugggugggug.....	4	3	835
..ACugggugggugggugggugggAggg.....	3	3	835
..AgugggugggugCguggguggguggguggg.....	3	2	835
..gugggugggCggugggugggCg.....	5	2	835
..gAgggugggAgggugggAgggug.....	6	3	835
..AugggugAgggugggCggug.....	10	3	835
..AugggCggugggugggugCug.....	5	3	835
..AugggAgggugggCgguggguggg.....	4	3	835
..AugggugggugggugggAguggg.....	4	2	835
..AugggugggugggugggCgguggg.....	4	2	835
..gugggugggCggugCguggguggg.....	4	2	835
..AugggugggugggugggAgugggAg.....	8	3	835
..AugggugggugggugggugggugggAg.....	3	2	835
..AgAuggguPguggguggguggg.....	5	3	835
..Aggguggguggguggguggguggg.....	15	1	835
..AgggugggugCguggguggguggg.....	5	2	835
..AgggugggAggguggguggguggg.....	5	2	835
..AgggGggugggCgguggguggg.....	6	3	835
..Aggguggguggguggguggguggg.....	15	1	835
..ugPgugggugggugggPguggg.....	8	2	835
..uggAggAggCggugggugggug.....	4	3	835
..AgggugggugggugggAgggugggug.....	10	2	835
..AgggugggugggCgguggguggguggg.....	8	2	835
..AgAgggugggugggugggAggg.....	24	3	835
..AgugggugggCggugggugggCg.....	5	3	835

.....AguggugggCgggCgugguggg..	4	3	s35
.....AguggugggugguUbugguggug	4	3	s35
.....gAgguggAgguggAggug...	6	3	s35
.....AuggugAugguggCggug...	10	3	s35
.....gugguggCggugugggCg...	5	2	s35
.....AuggCggugggugggCug...	5	3	s35
.....AuggAgguggCgguguggg..	4	3	s35
.....AuggugggugggugAguggg..	4	2	s35
.....gugguggCgggCgugguggg..	4	2	s35
.....AuggugggugggugCgguggg..	4	2	s35
.....AuggugggugggugAguggAg	8	3	s35
.....AggGgguggCggugguggg..	6	3	s35
.....AgguggAggugguguggg..	5	2	s35
.....AggugggCguggugguggg..	5	2	s35
.....AgAugguUguggugguggg..	5	3	s35
.....Agguggguggguggguggg..	15	1	s35
.....Aggugggugggugggugggu..	15	1	s35
.....uggAggAggCgguggugggu..	4	3	s35
.....ugUuggugggugugUuggu..	8	2	s35
.....AggugggugggAgguggug	10	2	s35
.....AgAgguggugggAgggu..	24	3	s35
.....AgugguggCggugggugCg	5	3	s35
.....AuggugAugguggCggug	10	3	s35
.....gAgguggAgguggAggug	6	3	s35
.....AuggCggugggugCug	5	3	s35
.....gugguggCggugggugCg	5	2	s35
agcagcagcagUGgAagc.....	6	3	s23
agcagUagcagGagcagUa.....	2	3	s23
agcagcagcagcagGagGagGag.....	4	3	s23
...agcagcagcagUGgAagc.....	6	3	s23
...agcagUagcagGagcagUa.....	2	3	s23
.....agcagcagcagUGgAagc.....	6	3	s23
.....agcagAagAagcaCcggc.....	11	3	s23
.....agcagGagcagGggUggc.....	2	3	s23
.....agcagcagcagUggAagc.....	2	3	s23
.....aCgagGggcgggcgggcg.....	4	3	s23
.....AcUCggcgggcgggcggcg.....	5	3	s23
.....ACgGggcgggcgggcgggcg.....	16	3	s23
.....ACgcgggcgggcgggcgggcg.....	3	2	s23
.....agcggcUgAggcggcgUc.....	4	3	s23
.....agGggcgggcgggcgggcg.....	1	1	s23
.....agcggcggcgggcgggcgggcg.....	4	0	s23
.....agcggcggcgggcgggcgggcgggG.....	1	1	s23
.....AcggcgggcgggcgggcgggG.....	5	2	s23
.....AcUCggcgggcgggcgggcg.....	5	3	s23
.....AcggcgggUggcgggUggcggg.....	4	3	s23
.....AcggcgggcgggcgggUggcggg.....	4	2	s23
.....AcggcgggcgggcgggcgggG.....	4	2	s23
.....AggcggUggAggcgggcggg.....	20	3	s23
.....cggcggcgggcgggcgggGAC.....	5	3	s23
.....AggUggcgggUggcgggcg.....	32	3	s23
.....Aggcggcgggcgggcgggcg.....	9	1	s23
.....AggcggcgggcgggcgggG.....	8	2	s23
.....ACgGggcgggcgggcgggcg.....	16	3	s23
.....AgAGggcgggcgggcgggcg.....	3	3	s23
.....AggcggcgggUggcgggcg.....	12	2	s23
.....AggcggcgggcgggUggcggg.....	3	2	s23
.....AggAggcgggcgggcgggcg.....	6	3	s23
.....ACgcgggcgggcgggcgggcg.....	3	2	s23
.....Aggcggcgggcgggcgggcgggc.....	6	1	s23
.....AggcggcgggcgggcgggcgggG.....	8	3	s23
.....ggcgggcgggcgggcgggcg.....	3	0	s23
.....ggcgggcgggcgggUggcggg.....	3	1	s23
.....AcUCggcgggcgggcgggcg.....	5	3	s23
.....AcggcgggcgggcgggcgggG.....	5	2	s23
.....AcggcgggcgggcgggUggcggg.....	4	2	s23
.....AcggcgggUggcgggUggcggg.....	4	3	s23
.....AcggcgggcgggcgggcgggG.....	4	2	s23

.AggUggcggUggcggcgg. . . . .	32	3	s23
.AggcggUggAggcggcgg. . . . .	20	3	s23
.cggcggcggcggcggGAC. . . . .	5	3	s23
.AggcggcggcggUggcggc. . . . .	3	2	s23
.AgAGggcggcggcggcggc. . . . .	3	3	s23
.AggcggcggUggcggcggc. . . . .	12	2	s23
.AggcggcggcggcggcggG. . . . .	8	2	s23
.Aggcggcggcggcggcggc. . . . .	9	1	s23
.ACgGggcggcggcggcggc. . . . .	16	3	s23
.AggAGgcggcggcggUggcggc. . . . .	6	3	s23
.ACgcggcggcggcggcggc. . . . .	3	2	s23
.Aggcggcggcggcggcggcggc. . . . .	6	1	s23
.AggcggcggcggcggcggcggcggGA. . . . .	8	3	s23
.ggcggcggcggcggcggc. . . . .	3	0	s23
.ggcggcggcggUggcggc. . . . .	3	1	s23
.AcggcggcggcggcggcggG. . . . .	5	2	s23
.AcUCggcggcggcggcggc. . . . .	5	3	s23
.AcggcggUggcggUggcgg. . . . .	4	3	s23
.AcggcggcggcggUggcgg. . . . .	4	2	s23
.AcggcggcggcggcggcggG. . . . .	4	2	s23
.AggUggcggUggcggcgg. . . . .	32	3	s23
.AggcggUggAggcggcgg. . . . .	20	3	s23
.cggcggcggcggcggGAC. . . . .	5	3	s23
.AggcggcggUggcggcggc. . . . .	12	2	s23
.AggcggcggcggcggcggG. . . . .	8	2	s23
.AggcggcggcggUggcggc. . . . .	3	2	s23
.AgAGggcggcggcggcggc. . . . .	3	3	s23
.Aggcggcggcggcggcggc. . . . .	9	1	s23
.ACgGggcggcggcggcggc. . . . .	16	3	s23
.AggcggcggUggcggcggcgggu. . . . .	2	2	s23
.ggcggcggcggcggcggc. . . . .	3	0	s23
.ggcggcggcggUggcggc. . . . .	3	1	s23
.AcUCggcggcggcggcggc. . . . .	5	3	s23
.AcggcggcggcggcggcggG. . . . .	5	2	s23
.AcggcggUggcggUggcgg. . . . .	4	3	s23
.AcggcggcggcggUggcgg. . . . .	4	2	s23
.AcggcggcggcggcggcggG. . . . .	4	2	s23
.AggcggUggAggcggcgg. . . . .	20	3	s23
.AggUggcggUggcggcgg. . . . .	32	3	s23
.cggcggcggcggcggGAC. . . . .	5	3	s23
.AggcggcggcggcggcggG. . . . .	8	2	s23
.AggcggUggcggcggcgggu. . . . .	2	2	s23
.UggAggcggcggAggcgggu. . . . .	1	3	s23
.AcggcggcggcggcggGg. . . . .	5	2	s23
.cggcggcggcggcggGAC. . . . .	5	3	s23
.AggAggcggcggcggugg. . . . .	2	2	s23
.AggcggAggcggcgguggggA. . . . .	2	3	s23
.AcggcggcggcggugggCgg. . . . .	1	2	s23
.AcggcggUggcggugggCgg. . . . .	1	3	s23
.AcCgcggcggcggguCguggu. . . . .	1	3	s23
.AggUggAggcggugggug. . . . .	1	3	s23
.AggcggcggcggUggugguA. . . . .	2	3	s23
.gUUgcggcUguggguggggu. . . . .	1	3	s23
.AggAggcggugggugugC. . . . .	1	3	s23
.AcggcggugggCgugggCgg. . . . .	1	3	s23
.gcccggugggugggCggugggC. . . . .	1	2	s23
.AggcggugggAggAgguggg. . . . .	1	3	s23
.AggugggAggugggAgg. . . . .	5	3	s23
.AggugggugggCggugggug. . . . .	5	2	s23
.AggugggAggCggugggug. . . . .	5	3	s23
.AggugggugggAgggug. . . . .	15	2	s23
.AggugggugggugggugggCgg. . . . .	10	2	s23
.Agguggguggguggguggu. . . . .	5	1	s23
.AgAuggugggugggugggug. . . . .	5	2	s23
.AggugggugggAggugggAg. . . . .	10	3	s23
.AgAuggugggugggCggugggug. . . . .	10	3	s23
.AggugggugguCgugggugguU. . . . .	5	3	s23
.AgugguAgugggugggUu. . . . .	5	3	s23
.ggguAgugguAgugguAgu. . . . .	5	3	s23

**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcgggugguggguggugggugggugggugggugggug**

.....gguvgvgvguGvgvgvgvguU.....	5	2	s23
.....AgvgvgvgvgvgvgvgvgvgC.....	4	3	s23
.....AugvgvgAgvgvgvgvgGvg.....	8	3	s23
.....AugvgvgvgvgvgvgvgvgvgAuA.....	4	3	s23
.....AgvgvgvgvgvgAgvgvg.....	15	2	s23
.....AgvgvgAgvgCvgvgvgvg.....	5	3	s23
.....AgvgvgvgvgAgvgvgAgvg.....	5	3	s23
.....AgvgvgvgvgCvgvgvgvg.....	5	2	s23
.....vgvgAgvgvgvgvgCvgAgvg.....	4	3	s23
.....AgvgvgvgvgvgvgvgvgCvg.....	10	2	s23
.....Agvgvgvgvgvgvgvgvgvgu.....	5	1	s23
.....vgUvgvgvgUvgvgvgUvgvgu.....	4	3	s23
.....AgAugvgvgvgvgvgvgvgvg.....	5	2	s23
.....AgvgvgvgvguGvgvgvgvguU.....	5	3	s23
.....AgvgvgvgvgvgAgvgvgAg.....	10	3	s23
.....AgAugvgvgvgvgCvgvgvgvg.....	10	3	s23
.....AgvgvguAgvgvgvgvgUu.....	5	3	s23
.....vguAugvguAgvgvguAugvg.....	5	3	s23
.....vgvgvgvgvguGvgvgvgvguU.....	5	2	s23
.....AgvgvgvgvgvgvgvgvgvgC.....	4	3	s23
.....AugvgvgAgvgvgvgvgGvg.....	8	3	s23
.....AugvgvgvgvgvgvgvgvgvgAuA.....	4	3	s23
.....AgvgvgAgvgCvgvgvgvg.....	5	3	s23
.....vgvgAgvgvgvgvgCvgAgvg.....	4	3	s23
.....AgvgvgvgvgAgvgvgAgvg.....	5	3	s23
.....AgvgvgvgvgvgAgvgvg.....	15	2	s23
.....AgvgvgvgvgvgvgvgvgCvg.....	10	2	s23
.....AgvgvgvgvgCvgvgvgvg.....	5	2	s23
.....vgUvgvgvgUvgvgvgUvgvgu.....	4	3	s23
.....Agvgvgvgvgvgvgvgvgvgu.....	5	1	s23
.....AgvgvgvgvgvgAgvgvgAg.....	10	3	s23
.....AgAugvgvgvgvgvgvgvgvg.....	5	2	s23
.....AgAugvgvgvgvgCvgvgvgvg.....	10	3	s23
.....AgvgvgvgvguGvgvgvgvguU.....	5	3	s23
.....AugvguAgvgvgvgvgUu.....	5	3	s23
.....vgguAugvgguAugvgguAugvg.....	5	3	s23
.....vgvgvgvgvguGvgvgvgvguU.....	5	2	s23
.....AgvgvgvgvgvgvgvgvgvgC.....	4	3	s23
.....AugvgvgAgvgvgvgvgGvg.....	8	3	s23
.....AugvgvgvgvgvgvgvgvgvgAuA.....	4	3	s23
.....AgvgvgvgvgAgvgvgAgvg.....	5	3	s23
.....AgvgvgvgvgvgvgvgvgCvg.....	10	2	s23
.....AgvgvgAgvgCvgvgvgvg.....	5	3	s23
.....AgvgvgvgvgvgAgvgvgvg.....	15	2	s23
.....vgvgAgvgvgvgvgCvgAgvg.....	4	3	s23
.....AgvgvgvgvgCvgvgvgvg.....	5	2	s23
.....vgUvgvgvgUvgvgvgUvgvgu.....	4	3	s23
.....Agvgvgvgvgvgvgvgvgvgu.....	5	1	s23
.....AgAugvgvgvgvgvgvgvgvg.....	5	2	s23
.....AgvgvgvgvguGvgvgvgvguU.....	5	3	s23
.....AgvgvgvgvgvgAgvgvgAg.....	10	3	s23
.....AgAugvgvgvgvgCvgvgvgvg.....	10	3	s23
.....AugvgguAugvgvgvgvgUu.....	5	3	s23
.....vgvgvgvgvguGvgvgvgvguU.....	5	2	s23
.....vgguAugvgguAugvgguAugvg.....	5	3	s23
.....AgvgvgvgvgvgvgvgvgvgC.....	4	3	s23
.....AugvgvgAgvgvgvgvgGvg.....	8	3	s23
.....AugvgvgvgvgvgvgvgvgvgAuA.....	4	3	s23
.....AgvgvgvgvgvgvgvgvgCvg.....	10	2	s23
.....vgvgAgvgvgvgvgCvgAgvg.....	4	3	s23
.....AgvgvgvgvgvgAgvgvgvg.....	15	2	s23
.....AgvgvgAgvgCvgvgvgvg.....	5	3	s23
.....AgvgvgvgvgAgvgvgAgvg.....	5	3	s23
.....AgvgvgvgvgCvgvgvgvg.....	5	2	s23
.....Agvgvgvgvgvgvgvgvgvgu.....	5	1	s23
.....vgUvgvgvgUvgvgvgUvgvgu.....	4	3	s23
.....AgvgvgvgvguGvgvgvgvguU.....	5	3	s23
.....AgvgvgvgvgvgAgvgvgAg.....	10	3	s23
.....AgAugvgvgvgvgCvgvgvgvg.....	10	3	s23



.....AgAugguugguugguugguug	5	2	s23
.....AgugguAgugguugguugUu.	5	3	s23
.....ggugguugguCguugguugU	5	2	s23
.....gguAgugguAgugguAgug	5	3	s23
agcagAagcaUcagUagc.....	3	3	s52
..AaUcagcagcagcagcag.....	2	2	s52
..AaAcagcagcagcagcaAacgc.....	3	3	s52
..cagcagcagcagcagcagUagGAgc.....	1	3	s52
...agcagAagcaUcagUagc.....	3	3	s52
.....AaUcagcagcagcagcag.....	2	2	s52
.....agcagAagcaUcagUagc.....	3	3	s52
.....agcagAagAagcaCcggc.....	9	3	s52
.....aUcagcagcagcaUcggU.....	2	3	s52
.....agcggcUgAggcggcgUc.....	8	3	s52
.....aAcggcggcgUcgAcggc.....	1	3	s52
.....agGggcggcggcggcggc.....	1	1	s52
.....aUcggcgguUgcggcggc.....	2	3	s52
.....agUggcggcggcgcggu.....	1	2	s52
.....agGggGgCcggcgcgcg.....	1	3	s52
.....agcggcUgcggcgcgguCc.....	1	3	s52
.....agcggUggUggcgcgcg.....	1	2	s52
.....agcggcUgcggcgcgguCc.....	1	3	s52
.....AcggcgguUggcgcgcgcg.....	4	2	s52
.....AcggcggcggUggcgcg.....	4	2	s52
.....AcggcgguUggcgcgguUggc.....	3	3	s52
.....AcggAggcggUggcgcgcgcgcgcg.....	2	3	s52
.....AggcggUggcgguUgcgg.....	12	3	s52
.....AgguggcgguUggcgcgcg.....	8	3	s52
.....Aggcggcgcgcgcgcgcg.....	4	1	s52
.....AggcggUggcgcgguUggc.....	3	3	s52
.....Aggcggcgcgcgcgcgcgcg.....	3	1	s52
.....AggAggcggcgcgguUggcg.....	3	3	s52
.....AggcggcgcgcgcgcgguUggc.....	2	2	s52
.....AggcggUggcgcgguUggcggc.....	4	3	s52
.....AggcggcgcgcgcgguUggcggc.....	4	2	s52
.....AggcggcgcgcgguUggcgcggc.....	4	2	s52
.....AggcggcgcgcgcgcgcgcgGA.....	9	3	s52
.....ggcgguUggAggcggcgguAgg.....	4	3	s52
.....ggcgcgcgcgUcgcgguUggcggc.....	1	2	s52
.....AcggcgguUggcgcgcgcg.....	4	2	s52
.....AcggcgcgguUggcgcgcg.....	4	2	s52
.....AcggcgguUggcgcgguUggc.....	3	3	s52
.....AgguUggcgguUggcgcgcg.....	8	3	s52
.....AggcggUggcgguUggcgcg.....	12	3	s52
.....Aggcggcgcgcgcgcgcg.....	4	1	s52
.....AggcggUggcgcgguUggc.....	3	3	s52
.....Aggcggcgcgcgcgcgcgcg.....	3	1	s52
.....AggAggcggcgcgguUggcg.....	3	3	s52
.....AggcggcgcgguUggcgcgcg.....	4	2	s52
.....AggcggUggcgcgguUggcgcg.....	4	3	s52
.....AggcggcgcgcgcgcgguUggc.....	2	2	s52
.....AggcggcgcgcgcgguUggcggc.....	4	2	s52
.....AggcggcgcgcgcgcgcgGA.....	9	3	s52
.....ggcgguUggAggcggcgguAgg.....	4	3	s52
.....AcggcgcgguUggcgcgcg.....	4	2	s52
.....AcggcgguUggcgcgcgcg.....	4	2	s52
.....AcggcgguUggcgcgguUggc.....	3	3	s52
.....AgguUggcgguUggcgcgcg.....	8	3	s52
.....AggcggUggcgguUggcgcg.....	12	3	s52
.....Aggcggcgcgcgcgcgcg.....	4	1	s52
.....AggAggcggcgcgguUggcg.....	3	3	s52
.....AggcggUggcgcgguUggcgcg.....	2	2	s52
.....AggcggcgcgcgcgcgcgGA.....	9	3	s52
.....ggcgguUggAggcggcgguAgg.....	4	3	s52
.....AcggcgcgguUggcgcgcg.....	4	2	s52
.....AcggcgguUggcgcgcgcg.....	4	2	s52
.....AcggcgguUggcgcgguUggc.....	3	3	s52
.....AgguUggcgguUggcgcgcg.....	8	3	s52
.....AggcggUggcgguUggcgcg.....	12	3	s52
.....Aggcggcgcgcgcgcgcg.....	4	1	s52
.....AggAggcggcgcgguUggcg.....	3	3	s52
.....AggcggUggcgcgguUggcgcg.....	2	2	s52
.....AggcggcgcgcgcgcgcgGA.....	9	3	s52
.....ggcgguUggAggcggcgguAgg.....	4	3	s52
.....AcggcgcgguUggcgcgcg.....	4	2	s52
.....AcggcgguUggcgcgcgcg.....	4	2	s52

**agcagcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcggcgggaggaggaggaggaggaggaggaggaggaggagg**

.AggUggcgggUggcggcggg.....	8	3	æ52
.Aggcggcgggcgggcggcgg.....	4	1	æ52
.AggcggUggcggUggcgg.....	12	3	æ52
.AggcggcgggcgggcgggcgguC.....	1	2	æ52
.AgUggcgggcgggcggcgggu.....	1	2	æ52
.ggcgggGCgcggcgggcCgug.....	4	3	æ52
.ggcgggUggAggcggcgggAggg.....	4	3	æ52
.gcbggGCgcggcgggcCgug.....	7	3	æ52
.gcbggUggcggcgggcgggcggu.....	1	1	æ52
.AcggcgggUggcgggcgggcgguC.....	1	3	æ52
.AcggcgggcgggcgggcgguAggu.....	1	2	æ52
.AggcggUggcggcgggcgguC.....	1	3	æ52
.AggUggcgggcgggcgguAggg.....	1	3	æ52
.AggAggcggcgggcgguCgg.....	1	3	æ52
.gUggAgggAggcggcggu.....	2	3	æ52
.AggcggUggcgguCgg.....	3	3	æ52
.UggAgggAggcggcggu.....	1	3	æ52
.UggAgggAggcggcggu.....	1	3	æ52
.GggUggcgggcgguCgg.....	1	3	æ52
.AggcggcgguCgg.....	1	2	æ52
.AggcggcgguCgg.....	3	3	æ52
.AcguugguugguCgg.....	1	2	æ52
.AGguugguuggu.....	10	2	æ52
.AgguugguugguAggu.....	10	2	æ52
.AgguugguugguGgg.....	10	2	æ52
.AgAuugguUguuggu.....	5	3	æ52
.AgguugguUggGgu.....	5	3	æ52
.Agguugguuggu.....	5	1	æ52
.AAguugguuggu.....	5	2	æ52
.AgguugguugguCggC.....	5	3	æ52
.AgUugguugguuggu.....	5	2	æ52
.AgguugguCggAggu.....	4	3	æ52
.AgguugguugguugguUgu.....	3	3	æ52
.AgguugguGguAggu.....	5	3	æ52
.AguCCugguugguuggu.....	4	3	æ52
.Agguugguugguuggu.....	4	1	æ52
.guugAggAggCguuggu.....	8	3	æ52
.AGguugguugguuggu.....	10	2	æ52
.uggAggAggCguuggu.....	4	3	æ52
.AgguugguugguGgg.....	10	2	æ52
.Agguugguugguuggu.....	5	1	æ52
.AgAuugguUguuggu.....	5	3	æ52
.AgguugguugguAggu.....	10	2	æ52
.AgguugguUggGgu.....	5	3	æ52
.uggAggAggCguuggu.....	4	3	æ52
.AgguugguugguCggC.....	5	3	æ52
.AAguugguugguuggu.....	5	2	æ52
.AgUugguugguuggu.....	5	2	æ52
.AgguugguCggAggu.....	4	3	æ52
.AgguugguugguugguUgu.....	3	3	æ52
.AgguugguGguAggu.....	5	3	æ52
.Agguugguugguuggu.....	4	1	æ52
.AguCCugguugguuggu.....	4	3	æ52
.AGguugguugguuggu.....	10	2	æ52
.guugAggAggCguuggu.....	8	3	æ52
.Agguugguugguuggu.....	5	1	æ52
.AgguugguugguGgg.....	10	2	æ52
.AgguugguUggGgu.....	5	3	æ52
.uggAggAggCguuggu.....	4	3	æ52
.AgguugguugguAggu.....	10	2	æ52
.AgAuugguUguuggu.....	5	3	æ52
.uggAggAggCguuggu.....	4	3	æ52
.AgguugguugguCggC.....	5	3	æ52
.AAguugguugguuggu.....	5	2	æ52
.AgUugguugguuggu.....	5	2	æ52
.AgguugguCggAggu.....	4	3	æ52
.AgguugguugguugguUgu.....	3	3	æ52
.AgguugguGguAggu.....	5	3	æ52
.Agguugguugguuggu.....	4	1	æ52
.AguCCugguugguuggu.....	4	3	æ52
.AGguugguugguuggu.....	10	2	æ52
.guugAggAggCguuggu.....	8	3	æ52
.Agguugguugguuggu.....	5	1	æ52
.AgguugguugguGgg.....	10	2	æ52
.AgguugguUggGgu.....	5	3	æ52
.uggAggAggCguuggu.....	4	3	æ52
.AgguugguugguAggu.....	10	2	æ52
.AgAuugguUguuggu.....	5	3	æ52
.uggAggAggCguuggu.....	4	3	æ52
.AgguugguugguCggC.....	5	3	æ52
.AAguugguugguuggu.....	5	2	æ52
.AgUugguugguuggu.....	5	2	æ52
.AgguugguCggAggu.....	4	3	æ52
.AgguugguugguugguUgu.....	3	3	æ52
.AgguugguGguAggu.....	5	3	æ52
.AguCCugguugguuggu.....	4	3	æ52

Montipora\_capitata\_HIV3\_\_\_Scaffold\_13\_954675

**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcggguggugggugguggguggugggugguggguggug**

. . . . .	Aguugugugugugugugugugu . . . . .	4	1	s52
. . . . .	. guggAggAggCggugugugu . . . . .	8	3	s52
. . . . .	. AGgugugugugugugugugu . . . . .	10	2	s52
. . . . .	. Aggugugugugugugugu . . . . .	5	1	s52
. . . . .	. AggugugugugugugGgg . . . . .	10	2	s52
. . . . .	. AgguugugugugAgguug . . . . .	10	2	s52
. . . . .	. AgAugguUgugugugug . . . . .	5	3	s52
. . . . .	. AgguugugUgugGgug . . . . .	5	3	s52
. . . . .	. uggAggAggCggugug . . . . .	4	3	s52
. . . . .	. AggugugugugugCggC . . . . .	5	3	s52
. . . . .	. uggAggAggCggugug . . . . .	4	3	s52
. . . . .	. AAgugugugugugugugu . . . . .	5	2	s52
. . . . .	. AgUgugugugugugug . . . . .	5	2	s52
. . . . .	. AgguugugCggAgguugug . . . . .	4	3	s52
. . . . .	. AguugugGgugAggu . . . . .	5	3	s52
. . . . .	. Agugugugugugugugu . . . . .	4	1	s52
. . . . .	. AguCcugugugugugugu . . . . .	4	3	s52
. . . . .	. AGgugugugugugugugu . . . . .	10	2	s52
. . . . .	. guggAggAggCggugugugu . . . . .	8	3	s52
. . . . .	. AgAugguUgugugugug . . . . .	5	3	s52
. . . . .	. AgguugugugugGgg . . . . .	10	2	s52
. . . . .	. Agguugugugugugu . . . . .	5	1	s52
. . . . .	. AgguugugugAgguug . . . . .	10	2	s52
. . . . .	. uggAggAggCggugug . . . . .	4	3	s52
. . . . .	. AgguugugUgugGgug . . . . .	5	3	s52
. . . . .	. uggAggAggCggugugu . . . . .	4	3	s52
. . . . .	. AAgugugugugugugu . . . . .	5	2	s52
. . . . .	. AgguugugugugCggC . . . . .	5	3	s52
. . . . .	. AgUgugugugugugug . . . . .	5	2	s52
. . . . .	. AgugugGgugAggu . . . . .	5	3	s52
. . . . .	. cagUggcgCcggcgcgA . . . . .	105	3	s14
. . . . .	. ggugguAguugugugugugugCuA . . . . .	2	3	s14
. . . . .	. ggugguAguugugugugugugguAguA . . . . .	130	3	s14
. . . . .	. ugugugugugguAgugguAg . . . . .	3	2	s14
. . . . .	. ugugugugugugugugguAgu . . . . .	3	1	s14
. . . . .	. ugugugugAugguugugAugAug . . . . .	2	3	s14
. . . . .	. ugugugugCuugugugugAugAug . . . . .	2	3	s14
. . . . .	. ugugugugugugugugugAugAugC . . . . .	1	3	s14
. . . . .	. ggugguAguugugugugugugguAguA . . . . .	130	3	s14
. . . . .	. ggugguAguugugugugugugugCuA . . . . .	2	3	s14
. . . . .	. ugugugugugguAgugguAg . . . . .	3	2	s14
. . . . .	. ugugugugugugugugguAgu . . . . .	3	1	s14
. . . . .	. ugugugugAugguugugugAugAug . . . . .	2	3	s14
. . . . .	. ugugugugCuugugugugAugAug . . . . .	2	3	s14
. . . . .	. ugugugugugguAguugguAg . . . . .	3	2	s14
. . . . .	. ugugugugugugugugguAgu . . . . .	3	1	s14
aUcagcUgcagcagGagc . . . . .		3	3	s13
aUcagcagcagcUgcagA . . . . .		3	3	s13
agcagGagcagGUgcagc . . . . .		3	3	s13
agcagcagcagAaAcagA . . . . .		3	3	s13
aAcagcaUcagcaAcagc . . . . .		3	3	s13
agcagcagGagcUgAcg . . . . .		3	3	s13
agcagcCgAcgAcgagc . . . . .		3	3	s13
agcagAcgUgcagcagc . . . . .		3	3	s13
agcagcagcGgcagcagG . . . . .		3	2	s13
aAcagcGgcagcagcAgg . . . . .		2	3	s13
agGagcagcagcGUcagcagg . . . . .		2	3	s13
agcagcagGagcagGagcagGa . . . . .		1	3	s13
agcagcagcagcagGagGagGag . . . . .		1	3	s13
agcagcagcagGagcagcagc . . . . .		1	1	s13
agGagcagcagcGUcagcagcagc . . . . .		1	3	s13
. AcagcagcagcagcagUa . . . . .		2	2	s13
. AcagcagcagcUgcagAcg . . . . .		10	3	s13
. AcagGagcagcagcagcagG . . . . .		4	3	s13
. gcagcagcagGagcagcagc . . . . .		1	1	s13
. Acagcagcagcagcagcagc . . . . .		1	1	s13
. . AaAcagGagcagcagc . . . . .		4	3	s13

**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcgggugguggguggugggugggugggugggugggug**

..AagGagcagcagGagcagc.....	2	3	s13
..AaAcagcagcagcagcaAc.....	2	3	s13
..AagcaAcagcagcagcagc.....	2	2	s13
..cagcagcagcUgcagAagc.....	2	2	s13
..AagcagcagcagGagcagca.....	1	2	s13
..cGgcagcagcagcagcagcagc.....	1	1	s13
..AagAagAagcagcagcagcagc.....	1	3	s13
..AaAcagcagcagcagcagcagcAgc.....	1	3	s13
...agcagcagcGgcagcagcG.....	3	2	s13
...agcagcagGagcUgAagc.....	3	3	s13
...agcagcagcagAaAcagA.....	3	3	s13
...agcagcCgAagAagcagc.....	3	3	s13
...agcagAagUGgcagcagc.....	3	3	s13
...aAcagcaUcagcaAcagc.....	3	3	s13
...aUcagcUgcagcagGagc.....	3	3	s13
...agcagGagcagGUGcagc.....	3	3	s13
...aUcagcagcagcUgcagA.....	3	3	s13
...agGagcagcagcGUcagcag.....	2	3	s13
...aAcagcGgcagcagcagAag.....	2	3	s13
...agcGgcGgcagcagcGgcagcggcg.....	1	3	s13
...AcagcagcagcagcagUa.....	2	2	s13
...AcagcagcagcUgcagAagc.....	10	3	s13
...AcagGagcagcagcagcagG.....	4	3	s13
...gcagcagAagcagcagcagcg.....	1	1	s13
....AagGagcagcagGagcag.....	2	3	s13
....AaAcagGagcagcagcag.....	4	3	s13
....AagcaAcagcagcagcagc.....	2	2	s13
....AaAcagcagcagcagcaAc.....	2	3	s13
....cagcagcagcUgcagAagc.....	2	2	s13
....agcagcagcagAaAcagA.....	3	3	s13
....aUcagcagcagcUgcagA.....	3	3	s13
....aAcagcaUcagcaAcagc.....	3	3	s13
....agcagcagGagcUgAagc.....	3	3	s13
....agcagGagcagGUGcagc.....	3	3	s13
....agcagAagUGgcagcagc.....	3	3	s13
....aUcagcUgcagcagGagc.....	3	3	s13
....agcagcCgAagAagcagc.....	3	3	s13
....agcagcagcGgcagcagG.....	3	2	s13
....agcCgGagGagcagcagcggc.....	2	3	s13
....AcagcagcagAagAagcg.....	1	3	s13
.....agcGgcagAagcagcggc.....	1	2	s13
.....agcGAcGgcagcagcggc.....	1	3	s13
.....aAaagGagcagcagcggc.....	1	3	s13
.....agAagcagAagcagcggcC.....	1	3	s13
.....aAGagGagcagcagcggcg.....	1	3	s13
.....agcGgcagcGgcagcggcg.....	1	2	s13
.....agcaUcagcagcagcggcg.....	1	1	s13
.....agAagcagcagcagcggcg.....	1	1	s13
.....agcagcaAAGcagcggcgggcg.....	1	3	s13
.....agcGgcGgcagcagcggcAGcggcg.....	1	3	s13
.....AagcaCcagcagcggcgAc.....	1	3	s13
.....agcGgcagcagcagcgggG.....	1	2	s13
.....agcagcGgcagcgggGCgc.....	1	3	s13
.....agcGgcagcagcggcgAUg.....	1	3	s13
.....agcagcagUagUggcgAg.....	1	3	s13
.....agGagcaUCggcCgcggc.....	1	3	s13
.....agcaUGagcggcgAcggc.....	2	3	s13
.....aAcagcagcggAgggcgga.....	2	3	s13
.....agcagcagcggcggaAag.....	2	3	s13
.....agcagcaUcggcUCgcggcg.....	1	3	s13
.....agcGgcagcggcAGcggcg.....	1	2	s13
.....agcagcUAcggcgggcgCg.....	2	3	s13
.....agcagcaAAGcAGcggcgggcg.....	1	3	s13
.....AagcagcggAgggcgcg.....	2	2	s13
.....agAagcggcgggcggaCc.....	1	3	s13
.....agcagcggcAGcgggGCgc.....	1	3	s13
.....agAagcggcgCAggcggc.....	1	3	s13
.....agGagcggcgggGggcggc.....	1	2	s13
.....agcagcggUggUggcAgc.....	1	3	s13

.....agcagcggAggcAgcggAg.....	1	3	s13
.....agcagcggcgggcgcgCA.....	1	1	s13
.....agcagcUAcggcgggcgcgCg.....	2	3	s13
.....AcagcggGggcCgcgcgcg.....	1	3	s13
.....AcagcggAgggcgggcgcgU.....	1	3	s13
.....AcacggcgggcgAgggcgggcg.....	1	3	s13
.....cagcggGggcgggUggcggg.....	1	2	s13
.....ACgGggcgggcgggcgcgcg.....	5	3	s13
.....ACgGggcgggcgggcgggcgcg.....	8	3	s13
.....ACgcggcgggcgggcgggcgCcg.....	4	3	s13
.....AUgcggcgggcgggcgggUggcgggcgggc.....	2	3	s13
.....agcggAgggcgggcgcgCA.....	1	3	s13
.....agcggAgggcgggcgggAggc.....	1	2	s13
.....agcgAcggcAgcAgcggc.....	1	3	s13
.....agGggcgggcgggcgggcgcg.....	1	1	s13
.....agcgUcgggcgAgUcggc.....	1	3	s13
.....aAGggcgggcAcggcgggcg.....	1	3	s13
.....agcgggcgAggcCAcggcg.....	1	3	s13
.....agAgggcgggcgAgggcgggcg.....	1	2	s13
.....agcgcgggUggcgggcgcg.....	1	1	s13
.....agcgggcgggcgggcgGACcg.....	1	3	s13
.....agcgggcgggcgAggAUcg.....	1	3	s13
.....agcgcgggAgAcggcgggcg.....	3	2	s13
.....agcgggcCAAgcgggcgggcg.....	1	3	s13
.....agcgggcAgcgggcAcggcg.....	1	2	s13
.....agcgggcgggcgggcgggGAC.....	1	3	s13
.....agcggAggGggcgggcgggcgA.....	1	3	s13
.....agAgggcgggcgggcgggUcgG.....	2	3	s13
.....aUcgggcgggcgggUggcgggcg.....	1	3	s13
.....agcgggcgggcAgcAgcgggcAgcgggcgggcg.....	1	3	s13
.....gcggcgggUggcgggcgggcg.....	4	1	s13
.....AcggUggcgggUggcgggcggg.....	8	3	s13
.....AUggcgggcgggcgggcgggcg.....	4	2	s13
.....gUggcgggcgggcgggcgggcg.....	3	1	s13
.....Acggcgggcgggcgggcgggcg.....	6	1	s13
.....Agggcgggcgggcgggcgggcg.....	5	2	s13
.....ACgGggcgggcgggcgggcg.....	5	3	s13
.....ACgGggcgggcgggcgggcgggcg.....	8	3	s13
.....AgggcgggUggUggcgggcgggc.....	3	3	s13
.....AgggcgggcgggcgggcgggUggc.....	3	2	s13
.....GgAGggcgggcgggcgggcgggcg.....	3	3	s13
.....AgggcgggcgggcCgcgggcgggcg.....	3	2	s13
.....AgggcgggcgGggcgggUggcg.....	3	3	s13
.....ACgcggcgggcgggcgggcgCcg.....	4	3	s13
.....AgggcgggcgggcgggcgggUgUcgggc.....	1	3	s13
.....AgggcgggcgggcgggcgggUggcgggc.....	1	2	s13
.....AgUggcgggcgggcgggcgggcg.....	1	3	s13
.....AUgcggcgggcgggcgggUggcgggcgggc.....	2	3	s13
.....gcggcgggUggcgggcgggcg.....	4	1	s13
.....AcggUggcgggUggcgggcggg.....	8	3	s13
.....AUggcgggcgggcgggcgggcg.....	4	2	s13
.....Acggcgggcgggcgggcgggcg.....	6	1	s13
.....gUggcgggcgggcgggcgggcg.....	3	1	s13
.....ACgGggcgggcgggcgggcg.....	5	3	s13
.....AgggcgggcgggcgggcgggGgg.....	5	2	s13
.....AgggcgggUggUggcgggcgggc.....	3	3	s13
.....AgggcgggcgggcgggcgggUggc.....	3	2	s13
.....ACgGggcgggcgggcgggcgggc.....	8	3	s13
.....AgggcgggcgggcCgcgggcgggcg.....	3	2	s13
.....AgggcgggcgGggcgggUggcg.....	3	3	s13
.....ACgcggcgggcgggcgggcgCcg.....	4	3	s13
.....GgAGggcgggcgggcgggcgggcg.....	3	3	s13
.....gcggcgggUggcgggcgggcg.....	4	1	s13
.....AUggcgggcgggcgggcgggcg.....	4	2	s13
.....AcggUggcgggUggcgggcggg.....	8	3	s13
.....Acggcgggcgggcgggcgggcg.....	6	1	s13
.....gUggcgggcgggcgggcgggcg.....	3	1	s13
.....ACgGggcgggcgggcgggcg.....	5	3	s13
.....AgggcgggcgggcgggcgggGgg.....	5	2	s13
.....AgggcgggcgggcgggcgggGgg.....	5	2	s13

**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcgggugguggguggugguggugguggugguggugg**

.....AgggcggUggUggcggcgggc.....	3	3	s13
.....ACgGggcggcgggcggcgggc.....	8	3	s13
.....AggcggcgggcggcgggUggc.....	3	2	s13
.....ACgcggcgggcgggcgggcgCcg.....	4	3	s13
.....AggcggcgggGggcgggUggcg.....	3	3	s13
.....GgAGggcgggcgggcgggcgcg.....	3	3	s13
.....AggcggcgggcCgcggcgggcg.....	3	2	s13
.....Aggcggcgggcgggcgggcggggu.....	2	1	s13
.....gcggcgggUggcgggcgggcg.....	4	1	s13
.....AUggcgggcgggcgggcgggcg.....	4	2	s13
.....AcggUggcgggUggcgggcggg.....	8	3	s13
.....AggcggcgggcgggcgggGgg.....	5	2	s13
.....ACgGggcgggcgggcgggcggg.....	5	3	s13
.....AggcggUggcgggcgggcggggu.....	1	2	s13
.....Aggcggcgggcgggcgggcggggu.....	1	1	s13
.....ggcgggGCgcggcgggcCguug.....	2	3	s13
.....ggAGggGggcgggcgggcCguug.....	1	3	s13
.....ggcgggcgggcgggcgggGggugUG.....	2	3	s13
.....gcggGCgcggcgggcCguug.....	2	3	s13
.....AggUggcgggcgggcgggugg.....	1	2	s13
.....AggcggcgggcgggcgggGgg.....	5	2	s13
.....AggcggcgggcgggcgggugggC.....	1	2	s13
.....AggAgggcgggcgggcggguggA.....	1	3	s13
.....AggcggcgggGggcgggugggCg.....	1	3	s13
.....AggUggcgggUggcgggugggugg.....	1	3	s13
.....ggAgggcgggcgggcgggugggA.....	1	2	s13
.....Agcgggcgggcgggcgggugggug.....	1	1	s13
.....ggcgggcgggcgggcgggGggugUG.....	2	3	s13
.....AcggAgggAgggcggguggggu.....	1	3	s13
.....AggcggcgggcgUggcggg.....	1	3	s13
.....AggcggAgggAgggugggugg.....	3	3	s13
.....AggAgggAgggcggguggggu.....	3	3	s13
.....UggcgggUggcggguggguggu.....	1	2	s13
.....ggAgggAgggcggguggguggu.....	1	2	s13
.....AcggcgggcgggugggAgguAg.....	1	3	s13
.....AcggcgggAgggugggugggugG.....	2	3	s13
.....AggcggAgggAgggugggugg.....	3	3	s13
.....AggUggcgggugggCggugggugg.....	1	3	s13
.....gcAgAgggugggugguUguugg.....	2	3	s13
.....AcggcgggAgggugggugggG.....	2	3	s13
.....AcggAgggugggugggCggug.....	2	3	s13
.....AggcggAgggAgggugggugg.....	3	3	s13
.....AggcAAgggugggugggCgggu.....	1	3	s13
.....UggcgggugggCgguggguggu.....	1	2	s13
.....ggcgggugggAgggAgggugggAg.....	1	3	s13
.....gcAgAgggugggugguUguugg.....	2	3	s13
.....AcggAgggugggugggCggug.....	2	3	s13
.....AgguugguCguugguugguugg.....	5	2	s13
.....AgguugguuggAgCguugguugg.....	5	3	s13
.....AgguuggAgguugguugguugg.....	5	2	s13
.....AgguugguCguCguugguugg.....	5	3	s13
.....AgguuggCgguuggCgguugguugg.....	4	3	s13
.....AgguugguCguugguugguCguugg.....	8	3	s13
.....AgguugguCguugguCguuggu.....	5	3	s13
.....gguCguCguugguugguCguugg.....	4	3	s13
.....AugguugguugggAgguug.....	5	2	s13
.....AugguugguggCAguugguug.....	10	3	s13
.....AugguUguugguugguUguug.....	5	3	s13
.....AugguugguugUuCguugguugg.....	4	3	s13
.....AugguugguugguugguuggAggu.....	4	2	s13
.....AugguCguugguugguCguugguugg.....	3	3	s13
.....AugguugguugAugguugguugguAu.....	3	3	s13
.....AgguugguCguCguugguugg.....	5	3	s13
.....AgguuggAgguugguugguugg.....	5	2	s13
.....AgguugguuggAgCguugguugg.....	5	3	s13
.....AgguugguCguugguugguugg.....	5	2	s13
.....uggCgguuggCgguugguuggu.....	4	2	s13
.....AgguuggCgguuggCgguugguugg.....	4	3	s13
.....AgguugguCguugguugguCguugg.....	8	3	s13

agcagcagcagcagcagcagcagcagcggcggcggcggcggcggcggcgggugugugugugugugugugugugugugugug

. . . . .	.AgugguCguugguCguuggu. . . . .	5	3	s13
. . . . .	.gguCguCguugugguCguuggu. . . . .	4	3	s13
. . . . .	.AugguugugugugAgguug. . . . .	5	2	s13
. . . . .	.AugguUguugugguUguug. . . . .	5	3	s13
. . . . .	.AugguugugugCaguugug. . . . .	10	3	s13
. . . . .	.AugguugugUuCguuguggu. . . . .	4	3	s13
. . . . .	.AugguugugugugugAggu. . . . .	4	2	s13
. . . . .	.AugguCguugugguCguuguggu. . . . .	3	3	s13
. . . . .	.AugguugugAgguugugugguAu. . . . .	3	3	s13
. . . . .	.AgguugugAgCugguug. . . . .	5	3	s13
. . . . .	.AgguugAgguuguguggu. . . . .	5	2	s13
. . . . .	.AgguugguCguuguguggu. . . . .	5	2	s13
. . . . .	.AgguugguCguCguuguggu. . . . .	5	3	s13
. . . . .	.ugguCguugguCguuguggu. . . . .	4	2	s13
. . . . .	.AgguugguCguugguCguuguggu. . . . .	4	3	s13
. . . . .	.AgguugguCguugugguCguuggu. . . . .	8	3	s13
. . . . .	.AgugguCguugguCguuggu. . . . .	5	3	s13
. . . . .	.gguCguCguugugguCguuggu. . . . .	4	3	s13
. . . . .	.AugguugugugCaguuggu. . . . .	10	3	s13
. . . . .	.AugguUguugugguUguug. . . . .	5	3	s13
. . . . .	.AugguugugugugAgguug. . . . .	5	2	s13
. . . . .	.AugguugguUuCguuguggu. . . . .	4	3	s13
. . . . .	.AugguugugugugugAggu. . . . .	4	2	s13
. . . . .	.AugguCguugugguCguuguggu. . . . .	3	3	s13
. . . . .	.AugguugguAugguugugugAu. . . . .	3	3	s13
. . . . .	.AgguugugAgCugguug. . . . .	5	3	s13
. . . . .	.AgguugguCguCguuguggu. . . . .	5	3	s13
. . . . .	.AgguugguCguuguguggu. . . . .	5	2	s13
. . . . .	.AgguugguCguuguguggu. . . . .	5	2	s13
. . . . .	.ugguCguugguCguuguggu. . . . .	4	2	s13
. . . . .	.AgguugguCguugugguCguuggu. . . . .	8	3	s13
. . . . .	.AgguugguCguugguCguuguggu. . . . .	4	3	s13
. . . . .	.AgguugguCguugguCguuggu. . . . .	5	3	s13
. . . . .	.gguCguCguugugguCguuggu. . . . .	4	3	s13
. . . . .	.AugguUguugugguUguug. . . . .	5	3	s13
. . . . .	.AugguugugugugAgguug. . . . .	5	2	s13
. . . . .	.AugguugugugCaguuggu. . . . .	10	3	s13
. . . . .	.AugguugugUuCguuguggu. . . . .	4	3	s13
. . . . .	.AugguugugugugugAggu. . . . .	4	2	s13
. . . . .	.AgguugAgguuguguggu. . . . .	5	2	s13
. . . . .	.AgguugguCguCguuguggu. . . . .	5	3	s13
. . . . .	.AgguugguCguuguguggu. . . . .	5	2	s13
. . . . .	.AgguugguCguuguguggu. . . . .	5	3	s13
. . . . .	.ugguCguugguCguuguggu. . . . .	4	2	s13
. . . . .	.AgguugguCguugguCguuggu. . . . .	5	3	s13
. . . . .	.AugguugugugCaguuggu. . . . .	10	3	s13
. . . . .	.AugguUguugugguUguug. . . . .	5	3	s13
. . . . .	.AugguugugugugAgguug. . . . .	5	2	s13
agGagcagGagcagGagcag. . . . .		4	3	s60
agcagcagcagcGgcagcagca. . . . .		1	1	s60
agGagGagcagcagcagcagc. . . . .		1	2	s60
.AcagcagcagcagcagUagca. . . . .		1	2	s60
.gcaUcagcCCcagcagcagcag. . . . .		1	3	s60
. . . agGagcagGagcagGagcag. . . . .		4	3	s60
. . . . . agcagAagAagcaCcgcc. . . . .		2	3	s60
. . . . . aUcagcagcagcaUcggU. . . . .		2	3	s60
. . . . . agcagcagcGgcagcgcG. . . . .		2	3	s60
. . . . . cagGagcagcUgcggcgC. . . . .		2	3	s60
. . . . . agcGgcagcagcggcgccgg. . . . .		1	1	s60
. . . . . cagGagcagcUgcggcgC. . . . .		2	3	s60
. . . . . agcagcagcggcAgcgcG. . . . .		2	3	s60
. . . . . agcGAcagcggcgccggA. . . . .		1	3	s60
. . . . . ACgcggcgccggcgccggcg. . . . .		8	2	s60
. . . . . agcggcUgAggcggcgUc. . . . .		14	3	s60
. . . . . agcgAcAgcggcgccggA. . . . .		1	3	s60
. . . . . agcggUggcgUggcgCc. . . . .		1	3	s60
. . . . . agcggAggAggcggcgga. . . . .		2	3	s60
. . . . . agcggcUgcggcgccgUcCg. . . . .		1	3	s60

[illegible]



**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcggcggugggugggugggugggugggugggugggugggug**

cgccggUggAgggcgccggAgg.....	4	3	sg60
Aggcggcgccggcgccggugug.....	1	1	sg60
AggcggcgccggcgccggugugA.....	1	2	sg60
ggccggGCcgccggcgccCgug.....	3	3	sg60
ggccggUCcgccggcgccCgug.....	1	3	sg60
ggccggUggAgggAggcggug.....	1	3	sg60
ggccggGCcgccggcgccCgug.....	9	3	sg60
ggccggGCcgccggcgccCgug.....	1	3	sg60
AcggcgccggcgccggugC.....	1	2	sg60
AgccggUggcgccggugC.....	1	3	sg60
AggUggcgccggcgccGgu.....	2	3	sg60
AggUggcgccggcgccggug.....	2	3	sg60
AggcggcgccggcgccggugCgu.....	1	2	sg60
AcggUggcgccggugCgg.....	1	3	sg60
AggUggcgccggugug.....	2	2	sg60
AggAggUggcgccggug.....	4	3	sg60
AggUggAggcggugug.....	4	3	sg60
AggUggcgccggugCgg.....	2	3	sg60
UggAggAgcgccggug.....	2	3	sg60
AggUggcgccggugCgu.....	1	3	sg60
AgccggUggcgccgguggu.....	1	2	sg60
AgccggAggAgugccggug.....	3	3	sg60
AcggAgccggugccggugccgg.....	1	2	sg60
AggUggcgccggugccggC.....	1	3	sg60
AggUggcgccggugCggug.....	2	3	sg60
AgccggAggAgugccggug.....	3	3	sg60
Acggcgccggugccggug.....	2	2	sg60
AggAgccggCggugccgg.....	24	3	sg60
Aggcggugccggugccgg.....	1	1	sg60
Aggcggugccggugccggug.....	1	2	sg60
cAgAgccggugccggAgccggug.....	2	3	sg60
ggAgccggAgccggAggu.....	6	3	sg60
AgccggAggAgccggugccggug.....	3	3	sg60
AUGccggugccggugccggug.....	6	3	sg60
ggccggugAggAggCggug.....	1	3	sg60
AggugAgccggugccggCgg.....	10	3	sg60
AggugAggCggugccgg.....	20	3	sg60
AggugccggAgccggug.....	25	2	sg60
AggugccggCggugccgg.....	10	2	sg60
AggAgccggCggugccgg.....	24	3	sg60
AggugAgccggugccgg.....	5	2	sg60
AggugccggugccggCggC.....	5	3	sg60
AggugCggugccggugC.....	5	3	sg60
AggugccggugUggugCu.....	5	3	sg60
AggugccggUggugccggG.....	15	3	sg60
AgAggugccggAgccgg.....	5	3	sg60
AggugccggAgccggugccgg.....	5	2	sg60
AgAggugccggCggugccgg.....	5	3	sg60
AggugCggugccggugccgg.....	8	3	sg60
AggugccggAgccggugccgg.....	4	2	sg60
cAgAgccggugccggAgccggug.....	2	3	sg60
AgAggugccggugccgg.....	15	2	sg60
ggAggugAgccggAggu.....	6	3	sg60
AUGccggugccggugccggug.....	6	3	sg60
AggugAggAgccggugAggu.....	8	3	sg60
AggugccggAgccggugccggU.....	3	3	sg60
AuggGAggugccggug.....	5	3	sg60
AuggGggaAgccggugccgg.....	4	3	sg60
AggugccggugccggugccggAg.....	4	2	sg60
AggugAggugccggAgccgg.....	3	3	sg60
AggugccggCggugccggugccgg.....	3	2	sg60
AggugccggAgccggugccgg.....	25	2	sg60
AggugAggugccggugccgg.....	5	2	sg60
AggugAggugccggCgg.....	10	3	sg60
AggugAggCggugccgg.....	20	3	sg60
AggAggugccggugccgg.....	24	3	sg60
uggAggAggCggugccgg.....	8	3	sg60
AggugccggCggugccgg.....	10	2	sg60
AggugccggugccggCggC.....	5	3	sg60

Montipora\_capitata\_HIV3\_\_Scaffold\_13\_954675

.AggugggCggugggugggugC. . . . .	5	3	s60
.AggugggugUugggugggugG. . . . .	15	3	s60
.AggugggugggugUugggugCu. . . . .	5	3	s60
.AgAugggugggugAggguggu. . . . .	5	3	s60
.AggugggugAgggugggugug. . . . .	5	2	s60
.AgAugggugggugCggugggug. . . . .	5	3	s60
.AgggugggCggugggCggugggug. . . . .	8	3	s60
.AggugggugAgggugggugggug. . . . .	4	2	s60
.ggAgggugggAgggugAggu. . . . .	6	3	s60
.AgugAggguggguggguggu. . . . .	15	2	s60
.AUggugggugggugggug. . . . .	6	3	s60
.AgugggugggAgggugggugAggu. . . . .	8	3	s60
.AgugggugggugAgggugggugguU. . . . .	3	3	s60
.AuggGAgggugggugggug. . . . .	5	3	s60
.AuggGggugAguggguggguggu. . . . .	4	3	s60
.AugggugggugggugggugggAg. . . . .	4	2	s60
.AugggugAgggugggAgggug. . . . .	3	3	s60
.AugggugggugCggugggugggug. . . . .	3	2	s60
.AgggugggugCggugggug. . . . .	10	2	s60
.uggAgggAgggCggugggug. . . . .	8	3	s60
.AgggugggAgggugggug. . . . .	25	2	s60
.AgggugAgggugggugCgg. . . . .	10	3	s60
.AgggugAggguggguggg. . . . .	5	2	s60
.AgggugAgggCggugggug. . . . .	20	3	s60
.AggAgggugggCggugggug. . . . .	24	3	s60
.AgAugggugggAggguggu. . . . .	5	3	s60
.AgggugggugggugggCggC. . . . .	5	3	s60
.AgggugggugUugggugggG. . . . .	15	3	s60
.AgggugggugggugUugggugCu. . . . .	5	3	s60
.AgggugggCggugggugggC. . . . .	5	3	s60
.AgAugggugggugCggugggug. . . . .	5	3	s60
.AgggugggAgggugggug. . . . .	5	2	s60
.AgggugggCggugggCgguggg. . . . .	8	3	s60
.AgggugggAggguggguggggu. . . . .	4	2	s60
.AgugAggguggguggguggu. . . . .	15	2	s60
.ggAgggugggAgguggAggu. . . . .	6	3	s60
.AUggugggugggugggug. . . . .	6	3	s60
.AgugggugggAgggugggAggu. . . . .	8	3	s60
.AgugggugggugAgggugggugguU. . . . .	3	3	s60
.AuggGAgggugggugggug. . . . .	5	3	s60
.AuggGggugAguggguggguggu. . . . .	4	3	s60
.AugggugggugggugggugggAg. . . . .	4	2	s60
.AugggugggAgggugggAgggug. . . . .	3	3	s60
.AugggugggugCggugggugggug. . . . .	3	2	s60
.AgggugggugCggugggug. . . . .	10	2	s60
.AgggugggAgggCggugggug. . . . .	20	3	s60
.AgggugggAgggugggugCgg. . . . .	10	3	s60
.AgggugggAgggugggug. . . . .	25	2	s60
.uggAgggAgggCggugggug. . . . .	8	3	s60
.AggAgggugggCggugggug. . . . .	24	3	s60
.AgggugggAgggugggug. . . . .	5	2	s60
.AgggugggugggugggugCggC. . . . .	5	3	s60
.AgggugggugggugUugggugCu. . . . .	5	3	s60
.AgggugggCggugggugggC. . . . .	5	3	s60
.AgAugggugggAggguggu. . . . .	5	3	s60
.AgggugggugUugggugggG. . . . .	15	3	s60
.AgggugggAgggugggug. . . . .	5	2	s60
.AgAugggugggugggugggug. . . . .	5	3	s60
.AgggugggCggugggCggugggug. . . . .	8	3	s60
.AgggugggAggguggguggggu. . . . .	4	2	s60
.AgugAggguggguggguggu. . . . .	15	2	s60
.ggAgggugggAgggugggAggu. . . . .	6	3	s60
.AUggugggugggugggug. . . . .	6	3	s60
.AgugggugggAgggugggAggu. . . . .	8	3	s60
.AuggGAgggugggugggug. . . . .	5	3	s60
.AuggGggugAguggguggguggu. . . . .	4	3	s60
.AugggugggugggugggugggAg. . . . .	4	2	s60
.Agggugggugggugggug. . . . .	10	2	s60
.uggAgggAgggCggugggug. . . . .	8	3	s60

	AgguugguaggAgguugguagg..	25	2	s60
	AggAgguaggCggugguagg..	24	3	s60
	AgguaggAgguugguagg..	5	2	s60
	AgguaggAggCggugguagg..	20	3	s60
	AgguaggAgguugguaggCgg..	10	3	s60
	AgguaggguaggAgguuggu..	5	3	s60
	AgguaggguaggguaggCggC..	5	3	s60
	AgguaggCggugguaggguaggC..	5	3	s60
	AgguaggguaggUaggugCu..	5	3	s60
	AgguaggguaggUaggugguaggG..	15	3	s60
	AgguaggguaggAgguugguagg	5	2	s60
	AgguaggguaggCggugguagg	5	3	s60
	ggAgguaggAgguaggAggu..	6	3	s60
	AgguAgguaggguaggguagg..	15	2	s60
	AGguaggguaggguaggguagg	6	3	s60
	AuggGAgguaggguaggguagg	5	3	s60
agGagcagcagcGUcagcagc..		2	3	s85
gcagAagcagcagAagcagcagcCg..		1	3	s85
GagcagcagcGUcagcagc..		2	3	s85
..agGagcagcagcGUcagcagc..		2	3	s85
..GagcagcagcGUcagcagc..		2	3	s85
..agcagAagAagcaCcgcc..		2	3	s85
..AcagcagAagccggAggccg..		1	3	s85
..AGgcagccggUggccggccg..		1	3	s85
..aCcCgcggccggccggccggccg..		2	2	s85
..AagGggccggccggccggccg..		1	2	s85
..agccggAagAagccggccgA..		4	3	s85
..agccggcUgAagccggccgUc..		6	3	s85
..aUcggccggccgAAggccggc..		1	3	s85
..aUcggccggcGcggccggc..		1	3	s85
..agccggccggccggccggccg..		1	0	s85
..agccggccggccggccggUggAag..		1	2	s85
..agccggccggccggccggccgg..		1	0	s85
..aCcCgcggccggccggccggccg..		2	2	s85
..AcggccggUggccggccggccg..		4	2	s85
..AcggccggGggccggccggccgA..		4	3	s85
..AcggUggccggUggccggccg..		4	3	s85
..AcggccggccggccggccggUggccg..		3	2	s85
..AggccggUggccggUggccg..		4	3	s85
..cggcUggccggccggccgUcCg..		4	3	s85
..AggUggccggUggccggccg..		4	3	s85
..AggcAgccggUggccggccg..		3	3	s85
..AcggccggUggccggccggc..		4	2	s85
..AcggccggGggccggccggccgA..		4	3	s85
..AcggUggccggUggccggccg..		4	3	s85
..AcggUggccggUggccggccg..		3	2	s85
..cggcUggccggccggccgUcCg..		4	3	s85
..AggcggUggccggUggccg..		4	3	s85
..AggUggccggUggccggccg..		4	3	s85
..AggcAgccggUggccggccg..		3	3	s85
..AcggccggUggccggccggccg..		4	2	s85
..AcggUggccggUggccggccg..		4	3	s85
..AcggccggGggccggccggccgA..		4	3	s85
..AcggccggccggccggccggUggccg..		3	2	s85
..AggcggUggccggUggccg..		4	3	s85
..AggUggccggUggccggccg..		4	3	s85
..cggcUggccggccggccgUcCg..		4	3	s85
..AggcAgccggUggccggccggc..		3	3	s85
..AcggccggUggccggccggccg..		4	2	s85
..AcggUggccggUggccggccg..		4	3	s85
..AcggccggGggccggccggccgA..		4	3	s85
..AcggccggccggccggccggUggccg..		3	2	s85
..AggcggUggccggUggccg..		4	3	s85
..AggUggccggUggccggccg..		4	3	s85
..cggcUggccggccggccgUcCg..		4	3	s85
..AggcAgccggUggccggccggc..		3	3	s85
..AcggccggUggccggccggccg..		4	2	s85
..AcggUggccggUggccggccg..		4	3	s85
..AcggccggGggccggccggccgA..		4	3	s85
..AcggccggccggccggccggUggccg..		3	2	s85
..AggcggUggccggUggccg..		4	3	s85
..AggUggccggUggccggccg..		4	3	s85
..cggcUggccggccggccgUcCg..		4	3	s85
..AggcAgccggUggccggccggc..		3	3	s85
..AcggccggUggccggccggccg..		4	2	s85
..AcggUggccggUggccggccg..		4	3	s85
..AcggccggGggccggccggccgA..		4	3	s85
..AcggccggccggccggccggUggccg..		3	2	s85
..AggcggUggccggUggccg..		4	3	s85
..AggUggccggUggccggccg..		4	3	s85
..cggcUggccggccggccgUcCg..		4	3	s85
..AggcAgccggUggccggccggc..		3	3	s85
..AcggccggUggccggccggccg..		4	2	s85
..AcggUggccggUggccggccg..		4	3	s85
..AcggccggGggccggccggccgA..		4	3	s85
..AcggccggccggccggccggUggccg..		3	2	s85
..AggcggUggccggUggccg..		4	3	s85
..AggUggccggUggccggccg..		4	3	s85
..cggcUggccggccggccgUcCg..		4	3	s85
..AggcAgccggUggcc				

**agcagcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcgggagguggugguggugguggugguggugguggugg**

.CggcgAgcCggcgggg.....	1	3	885
.gcgGcCcgggcggcCgug.....	40	3	885
.Acggcgcgggcgggcgggg.....	1	1	885
.AcggcgcgcgggcgggcggggA.....	1	2	885
.AcggcgcgggcgggcgggcgggCgg.....	1	2	885
.AcggcgcgggcgggcgggcgggAgg.....	6	2	885
.AcggcgcgggcgggcgggcgggAggu.....	1	2	885
.AgcgcgcgggcgggcgggCggg.....	2	2	885
.AgcgcgcgggcgggcgggcgggAgg.....	1	2	885
.AgcgcgcgggcgggcgggcgggAgg.....	1	2	885
.AcggcgggcgggcgggcgggAg.....	1	2	885
.AcggcgggcgggcgggcgggAgg.....	1	2	885
.AUggcgggUggcgggggggg.....	1	3	885
.AcggcgggcgggcgggcgggAggu.....	1	2	885
.AggcgggUggcgggcgggCgg.....	1	3	885
.Aggcgggcgggcgggggggg.....	1	1	885
.AggcgggcggcAgggggg.....	1	2	885
.AggcgggAggAgggggggg.....	3	3	885
.AggcgggACgcgggggggg.....	2	3	885
.AggAggcgggggggcgggCgg.....	1	3	885
.AggUggcgggggggggggg.....	1	2	885
.AggcgggAggAgggggggg.....	3	3	885
.AUggcgggggCggggggg.....	1	3	885
.AggcgggggCggggcggg.....	1	3	885
.AggcgggAggAgggggggg.....	3	3	885
.AgAgggggggggggAggg.....	6	3	885
.ggcCgggggCgggggggC.....	1	3	885
.AcggugggAggugggggCgg.....	1	3	885
.Agggugggggggggggggg.....	10	1	885
.AgggggAgggggCggggg.....	5	3	885
.AgggggCggggggggggg.....	5	2	885
.Agggugggggggggggggggg.....	4	1	885
.AgAgggugggggggggAggu.....	6	3	885
.AgugggugggggCggggggg.....	4	2	885
.AuggggCggggggggCg.....	5	3	885
.AuAguggggggAgggug.....	5	3	885
.AuggggggCggggggg.....	5	2	885
.AuggggCggggggggCgg.....	4	3	885
.AuggCgggggCggggggggg.....	4	3	885
.uCgguggggCggggggg.....	4	2	885
.AgggggAgggggCggggg.....	5	3	885
.AgggggCggggggggggg.....	5	2	885
.Agggggggggggggggggggg.....	10	1	885
.Agggggggggggggggggggg.....	4	1	885
.AgAgggugggggggggAggu.....	6	3	885
.AgugggggggCggggggg.....	4	2	885
.AugggggCggggggggCg.....	5	3	885
.AuggggggCggggggg.....	5	2	885
.AuAguggggggAgggug.....	5	3	885
.AuggggCggggggggCgg.....	4	3	885
.AuggCgggggCggggggggg.....	4	3	885
.AgggggCggggggggggg.....	5	2	885
.uCgggggggCggggggg.....	4	2	885
.AgggggAgggggCggggg.....	5	3	885
.Agggggggggggggggggg.....	10	1	885
.Agggggggggggggggggggg.....	4	1	885
.AgAgggggggggggAggu.....	6	3	885
.AgggggggggCggggggg.....	4	2	885
.AuAggggggggAgggug.....	5	3	885
.AuggggCggggggggCg.....	5	3	885
.AuggggggCggggggg.....	5	2	885
.AugggggCggggggggCgg.....	4	3	885
.AuggCgggggCggggggggg.....	4	3	885
.AgggggAgggggCggggg.....	5	3	885
.uCgggggggCggggggg.....	4	2	885
.Agggggggggggggggggg.....	10	1	885
.AgggggCggggggggggg.....	5	2	885
.Agggggggggggggggggggg.....	4	1	885
.AgAgggggggggggAggu.....	6	3	885

**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcgggaggaggaggaggaggaggaggaggaggagg**

	.AguggugggugggCgguggguggg..	4	2	s85
	..AuAguggugggugAugggug...	5	3	s85
	..AugggugggCggugggugggCg...	5	3	s85
	..AugggugggugCugggugggug...	5	2	s85
	..AugggugggCggugggugggCgg..	4	3	s85
	..AuggCggugggCgguggguggu..	4	3	s85
	..AgggugggCgguggguggguggg..	5	2	s85
	..uCguggguggguCguggguggg..	4	2	s85
	..Aggguggguggguggguggguggg..	10	1	s85
	..AgggugggAgggugggCgguggg..	5	3	s85
	..AgAgggugggugggugggAggg..	6	3	s85
	..AugggugggCggugggugggCg...	5	3	s85
	..AuAguggugggugAugggug	5	3	s85
	..AugggugggugCugggugggug	5	2	s85
agcagAagcagAagGagc.....		3	3	s09
agcagGagcagGagcagGagca.....		2	3	s09
.AcagcagcagcagcagcagUa.....		2	2	s09
.AcagcagcagcUgcagAagc.....		2	3	s09
.AcaAcagGagcagcagcagca.....		1	3	s09
...agcagAagcagAagGagc.....		3	3	s09
...AcagcagcagcagcagUa.....		2	2	s09
...AcagcagcagcUgcagAagc.....		2	3	s09
.....agcagAagcagAagGagc.....		3	3	s09
.....agcagAagAagcaCcggc.....		4	3	s09
.....agcagcUgcGgcagcgcAc.....		1	3	s09
.....agcagcUgcgggcAgcgAc.....		2	3	s09
.....agcagcUgcgggcAgcgAc.....		2	3	s09
.....AagcggcgggUggcgggcgggcggc.....		1	2	s09
.....agcgggcUgAgggcgggcgUc.....		5	3	s09
.....agcggcgggcgggcCCcgga.....		1	3	s09
.....agcggcgggcgggcgggcggcg.....		1	0	s09
.....agcggGggUggcgggcgggGg.....		1	3	s09
.....agUggGggcgggcgggcgggGg.....		2	3	s09
.....agGggcgggcgggcgggcgggcggc.....		1	1	s09
.....AcggcgggcgggcgggcggaU.....		4	3	s09
.....AcgCggcgggGggcgggcg.....		4	3	s09
.....AcggUggcgggUggcgggcggg.....		12	3	s09
.....AcggcgggcgggUggAggcggg.....		8	3	s09
.....AcggcgggUggcgggUggcgggcggc.....		2	3	s09
.....AaggUggcgggUggcgggcggg.....		4	3	s09
.....AaggAggcgggcgggAggcggg.....		4	3	s09
.....Aggcgggcgggcgggcgggcggg.....		16	1	s09
.....cgggcgggUggcgggcgggcgggc.....		3	1	s09
.....Agggcgggcgggcgggcgggcggc.....		3	1	s09
.....AgggcgggcgggcgggUggAggcggg.....		3	3	s09
.....Agggcgggcgggcgggcgggcggg.....		3	1	s09
.....Agggcgggcgggcgggcgggcgggcggc.....		2	1	s09
.....AgggcgggUggcgggcgggUggcgggc.....		4	3	s09
.....AgggcgggcgggcgggcgggUggcgggc.....		2	2	s09
.....AgggcgggcgggUggcgggcgggcgggcggc.....		2	2	s09
.....Agggcgggcgggcgggcgggcgggcggc.....		1	2	s09
.....AcgCggcgggGggcgggcg.....		4	3	s09
.....AcggcgggcgggcgggcggaU.....		4	3	s09
.....AcggcgggcgggUggAggcggg.....		8	3	s09
.....AcggUggcgggUggcgggcggg.....		12	3	s09
.....AcggcgggUggcgggUggcgggcgggc.....		2	3	s09
.....Agggcgggcgggcgggcgggcgggc.....		16	1	s09
.....AaggAggcgggcgggAggcggg.....		4	3	s09
.....AaggUggcgggUggcgggcggg.....		4	3	s09
.....cgggcgggUggcgggcgggcgggc.....		3	1	s09
.....Agggcgggcgggcgggcgggcgggc.....		3	1	s09
.....Agggcgggcgggcgggcgggcgggcggc.....		3	1	s09
.....Agggcgggcgggcgggcgggcgggcggc.....		3	3	s09
.....Agggcgggcgggcgggcgggcgggcggc.....		2	1	s09
.....AgggcgggcgggcgggcgggUggcgggc.....		2	2	s09
.....AcgCggcgggGggcgggcg.....		4	3	s09
.....AcggcgggcgggcgggcggaU.....		4	3	s09
.....AcggcgggcgggUggAggcggg.....		8	3	s09
.....AcggUggcgggUggcgggcggg.....		12	3	s09
.....AcggcgggUggcgggUggcgggcgggc.....		2	3	s09
.....Agggcgggcgggcgggcgggcgggc.....		16	1	s09
.....AaggAggcgggcgggAggcggg.....		4	3	s09
.....AaggUggcgggUggcgggcggg.....		4	3	s09
.....cgggcgggUggcgggcgggcgggc.....		3	1	s09
.....Agggcgggcgggcgggcgggcgggc.....		3	1	s09
.....Agggcgggcgggcgggcgggcgggcggc.....		3	1	s09
.....Agggcgggcgggcgggcgggcgggcggc.....		3	3	s09
.....Agggcgggcgggcgggcgggcgggcggc.....		2	1	s09
.....AgggcgggcgggcgggcgggUggcgggc.....		2	2	s09
.....AcgCggcgggGggcgggcg.....		4	3	s09

**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcggcgguaggugagguggugggugguggugguggugg**

.AcggcggcgggcggcgAaU.....	4	3	s09
.AcggcggcgggUggAgggcgg.....	8	3	s09
.AcggUggcggUggcgggcgg.....	12	3	s09
.AggUggcggUggcgggcgg.....	4	3	s09
.Aggcggcgggcgggcggcgg.....	16	1	s09
.AggAggcggcgggAgggcgg.....	4	3	s09
.cggcggUggcgggcgggcggc.....	3	1	s09
.Aggcggcgggcgggcggcggc.....	3	1	s09
.AggcggcgggcgggUggAgggcgg.....	3	3	s09
.Aggcggcgggcgggcgggcggcgg.....	3	1	s09
.AcggcggcgggcgggcgAaU.....	4	3	s09
.AcgCggcgggGggcgggcg.....	4	3	s09
.AcggUggcggUggcgggcgg.....	12	3	s09
.AcggcggcgggUggAgggcgg.....	8	3	s09
.AggAgggcgggcgggAgggcgg.....	4	3	s09
.Aggcggcgggcgggcggcgg.....	16	1	s09
.AggUggcggUggcgggcgg.....	4	3	s09
.AggcggcgggcgggcgggGgggu.....	2	2	s09
.cggcggcgggcgggcgAaUCug.....	1	3	s09
.ggUggAgggUggcgggcgggugg.....	1	3	s09
.gaggGCggcgggcggaCgug.....	1	3	s09
.AggcggcgCgcAgcgguagg.....	1	3	s09
.cggAgAcgCcggcgguagg.....	2	3	s09
.AggcggcgggcgggcgGgggu.....	2	2	s09
.cggcggcgggcgggcgguagg.....	1	1	s09
.Aggcggcgggcgguagguggu.....	2	1	s09
.AggcggcgggcgguaggAggCgg.....	1	3	s09
.AcggcgggcgguaggAggCgg.....	2	3	s09
.AAggcgggcgguaggAgg.....	1	3	s09
.AggAggAgguaggugguagg.....	14	3	s09
.AggcggcgguaggAgg.....	1	2	s09
.AggAggAgguaggugguagg.....	14	3	s09
.AgguaggAgguaggugguagg.....	10	2	s09
.AggAggAgguaggugguagg.....	14	3	s09
.AgguaggCggugggAgg.....	5	3	s09
.Agguaggugguaggugguagg.....	10	1	s09
.Agguaggugguaggugguaggu.....	15	1	s09
.AgguaggugguagguggAggu.....	10	2	s09
.ggugggAgguaggCggCgguggg.....	4	3	s09
.Agguaggugguaggugguagg.....	10	1	s09
.AggAggAgguaggugguagg.....	14	3	s09
.AgguaggAgguaggugguagg.....	10	2	s09
.AgguagguggCggugggAgg.....	5	3	s09
.Agguaggugguaggugguagg.....	10	1	s09
.Agguaggugguaggugguaggu.....	4	2	s09
.AgguaggugguagguggAggu.....	10	2	s09
.ggugggAgguaggCggCgguggg.....	4	3	s09
.Agguaggugguaggugguagg.....	10	1	s09
.AggAggAgguaggugguagg.....	14	3	s09
.AgguagguggCggugggAgg.....	5	3	s09
.Agguaggugguaggugguagg.....	15	1	s09
.ugguaggCggugggCgguggu.....	4	2	s09
.AgguaggugguagguggAggu.....	10	2	s09
.ggugggAgguaggCggCgguggg.....	4	3	s09
.Agguaggugguaggugguagg.....	10	1	s09
.AggAggAgguaggugguagg.....	14	3	s09
.AgguagguggCggugggAgg.....	5	3	s09
.Agguaggugguaggugguagg.....	15	1	s09
.ugguaggCggugggCgguggu.....	4	2	s09
.AgguaggugguagguggAggu.....	10	2	s09
.ggugggAgguaggCggCgguggg.....	4	3	s09
.Agguaggugguaggugguagg.....	14	3	s09
.AgguaggAgguaggugguagg.....	10	2	s09
.Agguaggugguaggugguagg.....	10	1	s09
.AgguagguggCggugggAgg.....	5	3	s09
.Agguaggugguaggugguaggu.....	15	1	s09
.AgguaggugguagguggAggu.....	10	2	s09

**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcggcgguggguggugguggugguggugguggugg**

.....uggnugCgguggCgguggu.	4	2	s09
agcagGagcagGagcagGagc.	86	3	s87
.gcagGagcagGagcagGagc.	2	3	s87
.cagGagcagGagcagGagc.	2	3	s87
...agcagGagcagGagcagGagc.	86	3	s87
...gcagGagcagGagcagGagc.	2	3	s87
.....cagGagcagGagcagGagc.	2	3	s87
.....cggcgggugggugggugguCUGg.	1	3	s87
.....cggcgggugggugggugguAUGg.	68	3	s87
.....ggcgggugggugggugguAUGg.	3	3	s87
.....gCggugggugggugggugggugggugg.	5	0	s87
.....ggugggugAguvgggugggug.	10	1	s87
.....ggugggugCguvgggugCggugg.	4	2	s87
.....ggugggugCguvgguAugguggu.	4	2	s87
.....ggugggugCguvgggugggCgggu.	4	2	s87
.....ggugggugCguvggguggguggggu.	244	1	s87
.....ggugggugCguvgggugggugggguC.	4	2	s87
.....guvgguCguvgggugggugUgu.	4	2	s87
.....guvgguCguvggguggguggggu.	40	1	s87
.....guvgggugguAguvgggugggugg.	400	1	s87
.....guvgggugguAguvgggugggugggg.	3	1	s87
.....guvgggugguAguvgggugggugggC.	3	2	s87
.....uggguCguvggguggguggggu.	16	1	s87
.....uggugggugAguvgggugggugg.	4	2	s87
.....uggugggugCguvgggugggugg.	4	1	s87
.....uggugggugAguvgggugggugg.	60	1	s87
.....uggguAguvgggugAguvggg.	3	3	s87
.....ggugggugAguvgggugggugg.	10	1	s87
.....ggugggugCguvgggugCgguggg.	4	2	s87
.....ggugggugCguvggguggguggggu.	244	1	s87
.....ggugggugCguvgggugggugCgggu.	4	2	s87
.....ggugggugCguvgguAugguggu.	4	2	s87
.....ggugggugCguvgggugggugggguC.	4	2	s87
.....guvgguCguvggguggguggggu.	40	1	s87
.....guvgguCguvgggugggugUgu.	4	2	s87
.....guvgggugguAguvgggugggugg.	400	1	s87
.....guvgggugguAguvgggugggugggg.	3	1	s87
.....guvgggugguAguvgggugggugggC.	3	2	s87
.....uggguCguvggguggguggggu.	16	1	s87
.....uggugggugAguvgggugggugg.	4	2	s87
.....uggugggugCguvgggugggugg.	4	1	s87
.....uggugggugAguvgggugggugg.	60	1	s87
.....uggguAguvgguAguvgguAguvgg.	3	3	s87
.....ggugggugAguvgggugggugg.	10	1	s87
.....ggugggugCguvgggugggCgguggg.	4	2	s87
.....ggugggugCguvggguggguggggu.	244	1	s87
.....ggugggugCguvgggugggugggCgggu.	4	2	s87
.....ggugggugCguvgggugAugguggggu.	4	2	s87
.....ggugggugCguvgggugggugggguC.	4	2	s87
.....guvgguCguvggguggguggggu.	40	1	s87
.....guvgguCguvgggugggugUgu.	4	2	s87
.....guvgggugguAguvgggugggugg.	400	1	s87
.....guvgggugguAguvgggugggugggg.	3	1	s87
.....guvgggugguAguvgggugggugggC.	3	2	s87
.....uggguCguvggguggguggggu.	16	1	s87
.....uggugggugAguvgggugggugg.	4	2	s87
.....uggugggugAguvgggugggugg.	60	1	s87
.....uggugggugCguvgggugggugg.	4	1	s87
.....uggguAguvgggugAguvgguAguvgg.	3	3	s87
.....ggugggugAguvgggugggugg.	10	1	s87
.....ggugggugCguvgggugggCgguggg.	4	2	s87
.....ggugggugCguvgggugggugggCgggu.	4	2	s87
.....ggugggugCguvgggugAugguggggu.	4	2	s87
.....ggugggugCguvgggugggugggguC.	4	2	s87
.....guvgguCguvggguggguggggu.	40	1	s87
.....guvgguCguvgggugggugUgu.	4	2	s87
.....guvgggugguAguvgggugggugg.	400	1	s87
.....guvgggugguAguvgggugggugggg.	3	1	s87
.....guvgggugguAguvgggugggugggC.	3	2	s87
.....uggguCguvggguggguggggu.	16	1	s87
.....uggugggugAguvgggugggugg.	4	2	s87
.....uggugggugAguvgggugggugg.	60	1	s87
.....uggugggugCguvgggugggugg.	4	1	s87
.....uggguAguvgggugAguvgguAguvgg.	3	3	s87
.....ggugggugAguvgggugggugg.	10	1	s87
.....ggugggugCguvgggugggCgguggg.	4	2	s87
.....ggugggugCguvgggugggugggCgggu.	4	2	s87
.....ggugggugCguvgggugAugguggggu.	4	2	s87
.....ggugggugCguvggguggguggggu.	244	1	s87
.....ggugggugCguvgggugggugggguC.	4	2	s87
.....guvgguCguvggguggguggggu.	4	2	s87
.....guvgguCguvggguggguggggu.	40	1	s87
.....guvgggugguAguvgggugggugg.	400	1	s87

**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcggcggugggugguggugguggugguggugguggugg**

.....ugguCguuggugguugguggu.	16	1	s87
.....uggugguAAuggugguuggug	4	2	s87
.....uggugguAuggugguuggug	60	1	s87
.....uggugguCguuggugguugg	4	1	s87
.....ggugguAguuggugguugg	10	1	s87
agcagAagcagcagAGgca.....	2	3	s72
agGagcagGagcagAagcag.....	2	3	s72
aAcagcagcagGUGcagcagcag.....	1	3	s72
...agcagAagcagcagAGgca.....	2	3	s72
...agGagcagGagcagAagcag.....	2	3	s72
.....agcagAagAagcaCcggc.....	2	3	s72
.....agcagAagcagcagAggcA.....	1	3	s72
.....agAagcagcagCUCggcg.....	8	3	s72
.....agAGgcagcagcgggcgG.....	1	3	s72
.....agAagcagcagCUCggcg.....	8	3	s72
.....agcaUCagGggcgggcgCc.....	1	3	s72
.....agcagcUgcggcggaaggcg.....	2	2	s72
.....agcaAAggcgggcgggcgGg.....	1	3	s72
.....agcagcUgcggcggaaggcg.....	2	2	s72
.....AUagcgggcgggcgggcgguGg.....	1	3	s72
.....agcggcUGAggcgggcgUc.....	2	3	s72
.....agcgcgggcgggcgggcgU.....	3	1	s72
.....aUcgggcgggCGcgggcggc.....	1	3	s72
.....agcggaaggAggcgggcgga.....	2	3	s72
.....agcgggcgguGcgggcgggcg.....	1	1	s72
.....aAcggcggaaggAggcgggcg.....	1	3	s72
.....agUggcgggcgggcgggcg.....	1	1	s72
.....agcgggcgggcgggcgguagg.....	1	2	s72
.....agGggUggcgggcgggcggaagg.....	1	3	s72
.....agcgggcgggcgggcgguagg.....	1	2	s72
.....agcgggcgguGggcgggcgggcg.....	1	2	s72
.....agUggcgggcgggcgggcgggga.....	1	3	s72
.....Acggcgggcgggcgggcggg.....	4	1	s72
.....AUggcgggcgggcgggcgggc.....	3	2	s72
.....gcggUggcgggcgggcgggcg.....	3	1	s72
.....Aaggcgggcgggcgggcggg.....	4	1	s72
.....AggUggcgguGggcgggcg.....	4	3	s72
.....cgCcgggcgguGggcgCgg.....	4	3	s72
.....Aaggcgggcgggcgggcgggc.....	3	1	s72
.....AaggcgggcgggcgggcgguGggc.....	4	2	s72
.....AggUggcgggcgggcgggcgggcg.....	1	2	s72
.....ggUggcgggcgggcgggga.....	4	2	s72
.....ggUggcgggcgggcgggcgggcg.....	1	1	s72
.....Acggcgggcgggcgggcgggcg.....	4	1	s72
.....AUggcgggcgggcgggcgggcg.....	3	2	s72
.....gcggUggcgggcgggcgggcg.....	3	1	s72
.....Aaggcgggcgggcgggcgggcg.....	4	1	s72
.....cgCcgggcgguGggcgCgg.....	4	3	s72
.....AggUggcgguGggcgggcg.....	4	3	s72
.....Aaggcgggcgggcgggcgggcg.....	3	1	s72
.....AaggcgggcgggcgggcgguGggc.....	4	2	s72
.....AgAGggcgggcgggcgggcgggc.....	2	3	s72
.....Aaggcgggcgggcgggcgggcggu.....	2	2	s72
.....AaggcgggcgggcgggcgggcgguG.....	8	2	s72
.....ggUggcgggcgggcgggga.....	4	2	s72
.....Acggcgggcgggcgggcgggcg.....	4	1	s72
.....AUggcgggcgggcgggcgggcg.....	3	2	s72
.....gcggUggcgggcgggcgggcg.....	3	1	s72
.....Aaggcgggcgggcgggcgggcg.....	4	1	s72
.....cgCcgggcgguGggcgCgg.....	4	3	s72
.....AggUggcgguGggcgggcg.....	4	3	s72
.....Aaggcgggcgggcgggcgggcg.....	3	1	s72
.....AaggcgggcgggcgggcgguGgg.....	2	2	s72



**agcagcagcagcagcagcagcagcggcggcggcggcggcggcggcggcggcggugggugguggugguggugguggugguggugg**

..ggUggcgggcgggcgggcgga.....	4	2	s72
..Acggcgggcgggcgggcgggcg..	4	1	s72
..Acggcgggcgggcgggcgggcggu..	2	1	s72
..AUAgcgggcgggcgggcgggcggu..	1	3	s72
..Acggcgggcgggcgggcgggcggu..	1	1	s72
..Acggcgggcgggcgggcgggcgguagg..	1	2	s72
..Acggcgggcgggcgggcgggcgguaggu..	3	2	s72
..Agggcgggcgggcgggcgggcg..	4	1	s72
..AggUggcgggUggcgggcg..	4	3	s72
..cgCggcgggUggcgCcg..	4	3	s72
..Agggcgggcgggcgggcggu..	2	2	s72
..AgggcgggcgggcgggcgguaggC.....	2	2	s72
..Agcgggcgggcgggcgggcggu..	3	1	s72
..ggUggcgggcgggcgggcgga.....	4	2	s72
..ggcgggGCggggcgggCcgug.....	11	3	s72
..Agcgggcgggcgggcgggcgguagg..	1	2	s72
..ggggGCggggcgggCcgug.....	39	3	s72
..gAgggGggcgggcgggCcgug.....	1	3	s72
..ggggGCggcgggcgggCcgug.....	1	3	s72
..Acggcgggcgggcgggcgguagg..	2	2	s72
..AgggcgUggcgggcgguagg..	1	2	s72
..AggUggcgggUggcgguagg..	3	3	s72
..Agggcgggcgggcgggcggu..	2	2	s72
..AAggcgggcgggcgUguaggu..	1	3	s72
..Agggcgggcgggcgguaggguagg..	1	1	s72
..Agcgggcgggcgggcgguagg..	1	2	s72
..Acggcgggcgggcgguagggu..	1	2	s72
..AgggcgggAgggcgguaggAgg.....	1	3	s72
..AgggcggaCggcgguagggu..	1	3	s72
..AggUggcgggcgguaggguagg..	1	2	s72
..AggUggcgguaggCguagg..	3	3	s72
..AgggcgguaggUguaggguU.....	1	3	s72
..AgggcgguaggguCggugguaggC.....	2	3	s72
..AgggcgguaggguCggugggCguaggu..	1	3	s72
..gGAguaggguaggAgguagg.....	6	3	s72
..AAguaggguaggguaggguagg..	8	2	s72
..AgguaggguGggugggAgg.....	10	3	s72
..AgguaggCguaggCguagg.....	15	3	s72
..AgguaggguAgguaggAgg.....	5	3	s72
..Agguaggguaggguagggu..	10	1	s72
..AgguaggguAgguaggguAgguagg.....	8	3	s72
..AguggAgguaggguaggguA.....	5	3	s72
..AgugguCguaggguCguaggu..	4	3	s72
..gGAguaggguaggAgguagg.....	6	3	s72
..Augguaggguaggguagggu..	4	1	s72
..guaggguaggguAguCguCgu..	4	3	s72
..AAguaggguaggguaggguagg..	8	2	s72
..AugguaggguCguaggguagggu..	3	2	s72
..guAgugAugguaggguaggguAug.....	3	3	s72
..AgguaggguGggugggAgg.....	10	3	s72
..AgguaggguAgguaggAgg.....	5	3	s72
..AgguaggCguaggCguagg.....	15	3	s72
..Agguaggguaggguagggu..	10	1	s72
..AgguaggguAgguaggguAgguagg.....	8	3	s72
..AguggAgguaggguaggguA.....	5	3	s72
..AgugguCguaggguCguaggu..	4	3	s72
..gGAguaggguaggAgguagg.....	6	3	s72
..Augguaggguaggguaggguagg..	4	1	s72
..guaggguaggguAguCguCgu..	4	3	s72
..AugguaggguCguaggguagggu..	3	2	s72
..AAguaggguaggguaggguagg..	8	2	s72
..guAgugAugguaggguaggguAug.....	3	3	s72
..AgguaggguGggugggAgg.....	10	3	s72
..AgguaggguAgguaggAgg.....	5	3	s72
..AgguaggCguaggCguagg.....	15	3	s72
..Agguaggguaggguagggu..	10	1	s72
..AgguaggguAgguaggguAgguagg.....	8	3	s72
..AguggAgguaggguaggguA.....	5	3	s72
..AgugguCguaggguCguaggu..	4	3	s72
..gGAguaggguaggAgguagg.....	6	3	s72
..Augguaggguaggguaggguagg..	4	1	s72
..guaggguaggguAguCguCgu..	4	3	s72
..AugguaggguCguaggguagggu..	3	2	s72
..AAguaggguaggguaggguagg..	8	2	s72
..guAgugAugguaggguaggguAug.....	3	3	s72
..AgguaggguGggugggAgg.....	10	3	s72
..AgguaggguAgguaggAgg.....	5	3	s72
..AgguaggCguaggCguagg.....	15	3	s72
..Agguaggguaggguagggu..	10	1	s72
..AgguaggguAgguaggguAgguagg.....	8	3	s72
..AguggAgguaggguaggguA.....	5	3	s72
..AgugguCguaggguCguaggu..	4	3	s72

Montipora\_capitata\_HIv3\_\_\_Scaffold\_13\_954675

.....gGAguvgugvgugAgguvg.....	6	3	s72
.....Augguvgugvgugvgugvgug.....	4	1	s72
.....vgugvgugvgugAgguCguCguvg..	4	3	s72
.....AAgguvgugvgugvgugvgugvg..	8	2	s72
.....AugguvgugvgCgguvgugvgugvg..	3	2	s72
.....vguAugAugguvgugvgugvgugAug	3	3	s72
.....AgguvgvgCgguvgvgCgguvgvg....	15	3	s72
.....AgguvgugvgAgguvgvgAggg.....	5	3	s72
.....AgguvgugvgvgCgguvgvgAggg.....	10	3	s72
.....Agguvgugvgvgugvgugvguggu...	10	1	s72
.....AgguvgugvgAgguvgugvgAgguvg	8	3	s72
.....AgugvgAgguvgugvgugguA....	5	3	s72
.....AgugguCguvgugvgguCguvggu..	4	3	s72
.....gGAguvgugvgugvgAgguvg..	6	3	s72
.....Augguvgugvgugvgugvgugvg..	4	1	s72
.....vgugvgugvgugAgguCguCguvg	4	3	s72
.....AgguvgugvgAgguvgvgAggg..	5	3	s72
.....AgguvgvgCgguvgvgCgguvgvg..	15	3	s72
.....AgguvgugvgvgCgguvgvgAggg..	10	3	s72
.....Agguvgugvgugvgugvguggu..	10	1	s72
.....AgugvgAgguvgugvgugvgguA	5	3	s72
.....gGAguvgugvgugvgAgguvg	6	3	s72
.....ugguvgguUguvgugvgguUguvgvg.....	3	2	s61
.....ugguvgguUguvgugvgguUguvgvg.....	3	2	s61
.....ugguvgguUguvgugvgguUguvgvg..	3	2	s61