

Job1



22:55:17, Wed Dec 12, 2012

Query Table

1. Enter a specific word (string) and check if it exists in the database.
2. Return the word with the largest number of occurrences.
3. Return all words that occur between a pair of coordinates.
4. Return the input sequences from which a given word occurs in.
5. Return the motif with the largest number of occurrences.
6. Return the 5 highest scoring motifs.
7. Return all words that belong to a certain motif.
8. Return the motifs with the highest sequence coverage.

***** QUERY 1 *****

*** Using Parameter TTTTTTTT

Word: TTTTTTTT | Position: 235 | Seq: seq_0 | Job ID: hm05

Word: TTTTTTTT | Position: 15 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 16 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 17 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 18 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 19 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 20 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 21 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 22 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 23 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 24 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 25 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 26 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 27 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 14 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 13 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 236 | Seq: seq_0 | Job ID: hm05

Word: TTTTTTTT | Position: 237 | Seq: seq_0 | Job ID: hm05

Word: TTTTTTTT | Position: 2 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 3 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 4 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 5 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 6 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 7 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 8 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 9 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 10 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 11 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 12 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 28 | Seq: seq_1 | Job ID: hm05

***** QUERY 2 *****

*** Word with most number of occurrences

Word: TTTTTTTT | Occurrences: 30 | job_id: hm05

***** QUERY 3 *****

*** Using Parameters X = 1 and Y = 50

Word: TTTTTTTT | Position: 2 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 3 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 4 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 5 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 6 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 7 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 8 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 9 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 10 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 11 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 12 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 13 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 14 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 15 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 16 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 17 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 18 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 19 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 20 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 21 | Seq: seq_1 | Job ID: hm05
Word: TTTCATTT | Position: 21 | Seq: seq_0 | Job ID: hm05
Word: TTTTTTTT | Position: 22 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 23 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 24 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 25 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 26 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 27 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 28 | Seq: seq_1 | Job ID: hm05
Word: CATCTCTG | Position: 38 | Seq: seq_0 | Job ID: hm05

***** QUERY 3 *****

*** Using Parameters X = 45 and Y = 200

Word: GTGAGTGG | Position: 54 | Seq: seq_2 | Job ID: hm05

Word: GGGGAGCA | Position: 74 | Seq: seq_1 | Job ID: hm05

Word: GGCAGCCA | Position: 83 | Seq: seq_2 | Job ID: hm05

Word: GCGGTGGG | Position: 89 | Seq: seq_1 | Job ID: hm05

Word: CGGTGGGC | Position: 90 | Seq: seq_1 | Job ID: hm05

Word: GGGCCGGG | Position: 105 | Seq: seq_1 | Job ID: hm05

Word: GGGCGGGG | Position: 110 | Seq: seq_1 | Job ID: hm05

Word: GGCGGGGC | Position: 111 | Seq: seq_1 | Job ID: hm05

Word: GCGGGGCG | Position: 112 | Seq: seq_1 | Job ID: hm05

Word: GGGGCGGG | Position: 114 | Seq: seq_1 | Job ID: hm05

Word: GGGCGGGG | Position: 115 | Seq: seq_1 | Job ID: hm05

Word: CCCGGGTG | Position: 132 | Seq: seq_1 | Job ID: hm05

Word: CCCCACCG | Position: 144 | Seq: seq_2 | Job ID: hm05

Word: ACTCCTAA | Position: 163 | Seq: seq_2 | Job ID: hm05

Word: GTTTCATT | Position: 187 | Seq: seq_0 | Job ID: hm05

***** QUERY 3 *****

*** Using Parameters X = 100 and Y = 500

Word: GGGCCGGG | Position: 105 | Seq: seq_1 | Job ID: hm05
Word: GGGCCGGG | Position: 110 | Seq: seq_1 | Job ID: hm05
Word: GGCGGGGC | Position: 111 | Seq: seq_1 | Job ID: hm05
Word: GCGGGGCG | Position: 112 | Seq: seq_1 | Job ID: hm05
Word: GGGGCGGG | Position: 114 | Seq: seq_1 | Job ID: hm05
Word: GGGCGGGG | Position: 115 | Seq: seq_1 | Job ID: hm05
Word: CCCGGGTG | Position: 132 | Seq: seq_1 | Job ID: hm05
Word: CCCCACCG | Position: 144 | Seq: seq_2 | Job ID: hm05
Word: ACTCCTAA | Position: 163 | Seq: seq_2 | Job ID: hm05
Word: GTTTCATT | Position: 187 | Seq: seq_0 | Job ID: hm05
Word: CCGCTGGG | Position: 216 | Seq: seq_1 | Job ID: hm05
Word: TTTTTTTT | Position: 235 | Seq: seq_0 | Job ID: hm05
Word: TTTTTTTT | Position: 236 | Seq: seq_0 | Job ID: hm05
Word: TTTTTTTT | Position: 237 | Seq: seq_0 | Job ID: hm05
Word: CGCGGCCC | Position: 288 | Seq: seq_2 | Job ID: hm05
Word: GCGGCCCC | Position: 289 | Seq: seq_2 | Job ID: hm05
Word: AGAAGGA | Position: 318 | Seq: seq_1 | Job ID: hm05
Word: AGGAAAAA | Position: 322 | Seq: seq_1 | Job ID: hm05
Word: GAAAAAAA | Position: 324 | Seq: seq_1 | Job ID: hm05
Word: GGCGACCG | Position: 325 | Seq: seq_2 | Job ID: hm05
Word: CCGCGGCG | Position: 349 | Seq: seq_2 | Job ID: hm05
Word: CGCGGCGC | Position: 350 | Seq: seq_2 | Job ID: hm05
Word: CGGCGCCG | Position: 352 | Seq: seq_2 | Job ID: hm05
Word: CCGCTGGG | Position: 370 | Seq: seq_2 | Job ID: hm05
Word: GGAAAAAG | Position: 384 | Seq: seq_0 | Job ID: hm05
Word: ACTCCTAA | Position: 384 | Seq: seq_1 | Job ID: hm05
Word: CCCGGGTG | Position: 387 | Seq: seq_2 | Job ID: hm05
Word: GTGACCTC | Position: 421 | Seq: seq_0 | Job ID: hm05
Word: CCCCACCG | Position: 426 | Seq: seq_2 | Job ID: hm05
Word: CCCACCGC | Position: 427 | Seq: seq_2 | Job ID: hm05
Word: AGGAAAAA | Position: 438 | Seq: seq_0 | Job ID: hm05

Word: GGAAAAAG | Position: 439 | Seq: seq_0 | Job ID: hm05

Word: GGAGCTCT | Position: 452 | Seq: seq_2 | Job ID: hm05

Word: CCCCACCG | Position: 460 | Seq: seq_1 | Job ID: hm05

Word: CCCACCGC | Position: 461 | Seq: seq_1 | Job ID: hm05

Word: GTGAGTGG | Position: 486 | Seq: seq_1 | Job ID: hm05

***** QUERY 3 *****

**** Using Parameters X = 20 and Y = 75

Word: TTTCATTT | Position: 21 | Seq: seq_0 | Job ID: hm05

Word: TTTTTTTT | Position: 21 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 22 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 23 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 24 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 25 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 26 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 27 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 28 | Seq: seq_1 | Job ID: hm05

Word: CATCTCTG | Position: 38 | Seq: seq_0 | Job ID: hm05

Word: GTGAGTGG | Position: 54 | Seq: seq_2 | Job ID: hm05

Word: GGGGAGCA | Position: 74 | Seq: seq_1 | Job ID: hm05

***** QUERY 3 *****

*** Using Parameters X = 19 and Y = 30

Word: TTTTTTTT | Position: 20 | Seq: seq_1 | Job ID: hm05

Word: TTTCATTT | Position: 21 | Seq: seq_0 | Job ID: hm05

Word: TTTTTTTT | Position: 21 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 22 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 23 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 24 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 25 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 26 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 27 | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Position: 28 | Seq: seq_1 | Job ID: hm05

***** QUERY 3 *****

*** Using Parameters X = 400 and Y = 489

Word: GTGACCTC | Position: 421 | Seq: seq_0 | Job ID: hm05

Word: CCCCACCG | Position: 426 | Seq: seq_2 | Job ID: hm05

Word: CCCACCGC | Position: 427 | Seq: seq_2 | Job ID: hm05

Word: AGGAAAAA | Position: 438 | Seq: seq_0 | Job ID: hm05

Word: GGAAAAAG | Position: 439 | Seq: seq_0 | Job ID: hm05

Word: GGAGCTCT | Position: 452 | Seq: seq_2 | Job ID: hm05

Word: CCCCACCG | Position: 460 | Seq: seq_1 | Job ID: hm05

Word: CCCACCGC | Position: 461 | Seq: seq_1 | Job ID: hm05

Word: GTGAGTGG | Position: 486 | Seq: seq_1 | Job ID: hm05

***** QUERY 4 *****

*** Using Parameters TTTTTTTT

Word: TTTTTTTT | Seq: seq_0 | Job ID: hm05

Word: TTTTTTTT | Seq: seq_1 | Job ID: hm05

Word: TTTTTTTT | Seq: seq_2 | Job ID: hm05

***** QUERY 1 *****

*** Using Parameter CCCCTCCC

Word: CCCCTCCC | Position: 660 | Seq: seq_1 | Job ID: hm05

Word: CCCCTCCC | Position: 783 | Seq: seq_2 | Job ID: hm05

***** QUERY 1 *****

*** Using Parameter GCGGGGCG

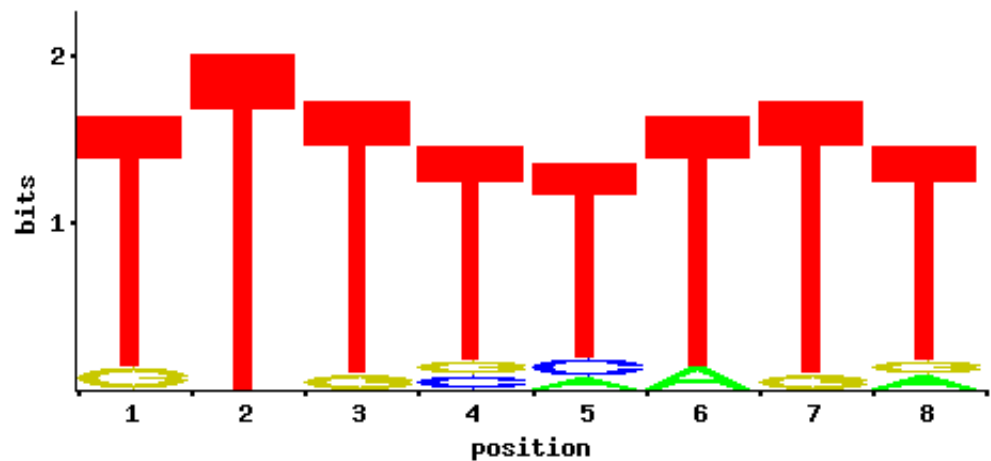
Word: GCGGGGCG | Position: 112 | Seq: seq_1 | Job ID: hm05

Word: GCGGGGCG | Position: 855 | Seq: seq_2 | Job ID: hm05

Word: GCGGGGCG | Position: 883 | Seq: seq_2 | Job ID: hm05

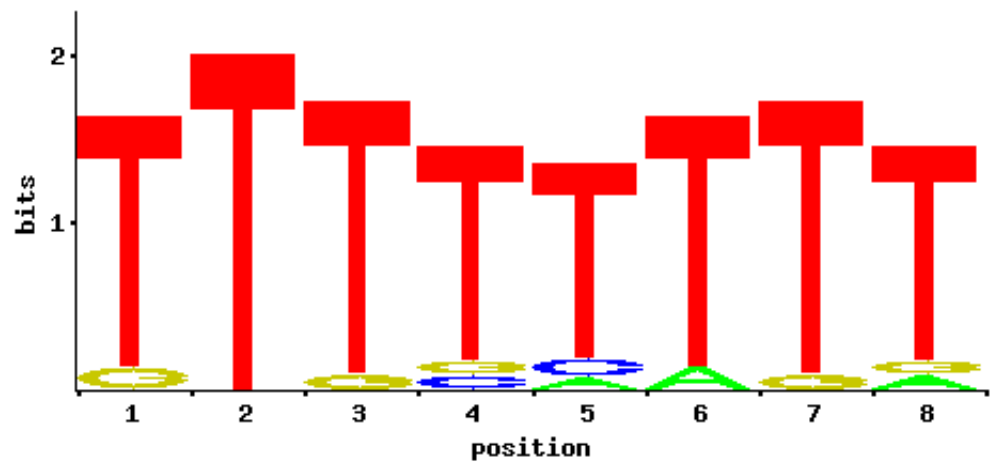
***** QUERY 5 *****

*** The highest number of occurances is 29

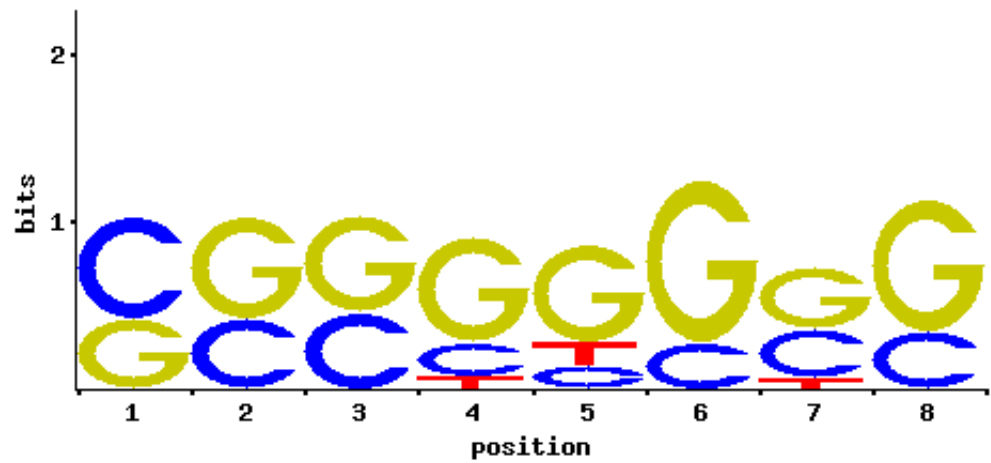


***** QUERY 6 *****

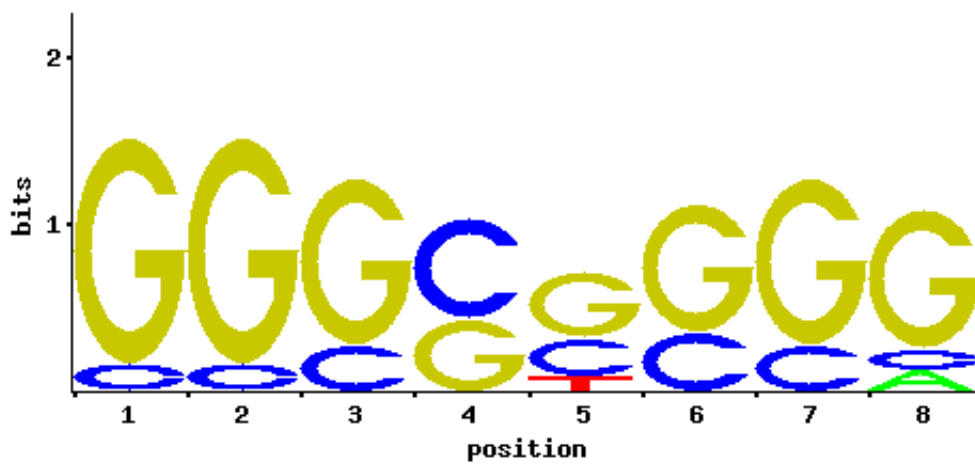
Cluster Name: Cluster 10 | Motif Score: 522.619649687363



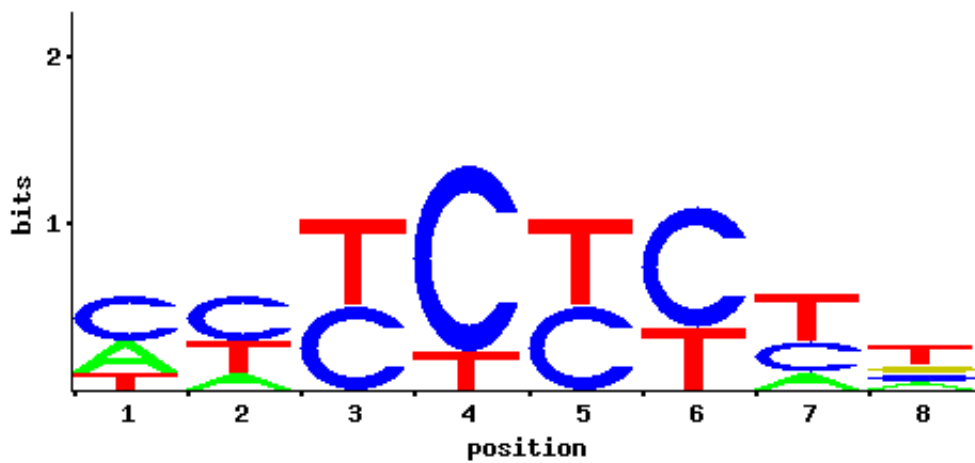
Cluster Name: Cluster 5 | Motif Score: 186.791458535508



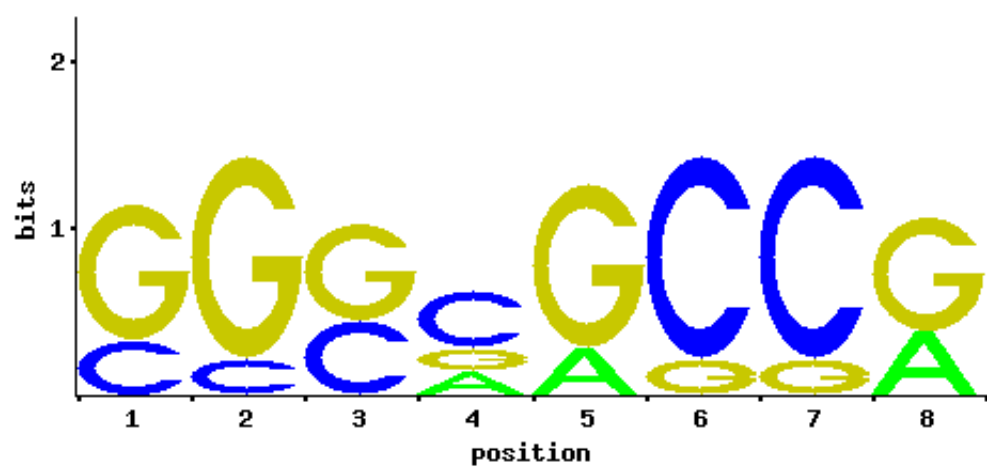
Cluster Name: Cluster 9 | Motif Score: 139.957860069343



Cluster Name: Cluster 2 | Motif Score: 112.313597237885



Cluster Name: Cluster 7 | Motif Score: 107.630728883806



***** QUERY 7 *****

*** Using Parameter Cluster 10

Title: GTTTCATT | Cluster Name: Cluster 10 | Occurrences: 3 | Job ID: hm05

Title: TTGTTTGA | Cluster Name: Cluster 10 | Occurrences: 2 | Job ID: hm05

Title: TTTCATTT | Cluster Name: Cluster 10 | Occurrences: 2 | Job ID: hm05

Title: TTTGTTTG | Cluster Name: Cluster 10 | Occurrences: 2 | Job ID: hm05

Title: TTTTTTTT | Cluster Name: Cluster 10 | Occurrences: 30 | Job ID: hm05

***** QUERY 7 *****

*** Using Parameter Cluster 8

Title: GGAGCTCT | Cluster Name: Cluster 8 | Occurrences: 2 | Job ID: hm05

Title: GGGAGCAC | Cluster Name: Cluster 8 | Occurrences: 2 | Job ID: hm05

Title: GGGGAGCA | Cluster Name: Cluster 8 | Occurrences: 2 | Job ID: hm05

Title: GTGACCTC | Cluster Name: Cluster 8 | Occurrences: 2 | Job ID: hm05

Title: GTGAGTGG | Cluster Name: Cluster 8 | Occurrences: 2 | Job ID: hm05

***** QUERY 8 *****

