# K13 (9 phages, 46 proteins)

Motif found: SVNTRRYIGIDAGHSTRFNLVGGGIATNINTGDTQELIYVS  
e-value: 1.0e-038  
length: 41

# K64 (10 phages, 31 proteins)

Motif found: YVEEYVGTEHRAIIYMDGFGREDAWSFR  
e-value: 4.9e-042  
length: 28

# K14 (8 phages, 29 proteins)

Motif found: AVGGLYGEEYVTTTHQEIQYMDGFGRSP  
e-value: 4.9e-010  
length: 28

# K36 (7 phages, 25 proteins)

Motif found: GEDPYSHLAKRDEYZZYYPVFTANDVVVF  
e-value: 1.7e-009  
length: 29

# K29 (6 phages, 22 proteins)

Motif found: LGHDGLTVZGLAQDIAETLRYYRNTEKLL  
e-value: 8.5e-017  
length: 29

# K11 (7 phages, 20 proteins)

Motif found: EVIVNNINVMNDDSEVIYEKDINYALNKK  
e-value: 1.9e-013  
length: 29

# K60 (7 phages, 19 proteins)

Motif found: No Motifs   
e-value:   
length:

# K30 (6 phages, 18 proteins)

Motif found: RGYLGEDPYIHLLKRPEYZZDYAVFTGNK  
e-value: 1.9e-013  
length: 29

# K63 (6 phages, 12 proteins)

Motif found: RVRRGFGAQQVZTVDGTYTYQDVEQEIDP  
e-value: 7.4e-009  
length: 29

#K12 (5 phages, 21 proteins)

Motif found: VQRAMEIMESFGLDPFKYGFICYDKW  
e-value: 1.1e-014  
length: 26

# K8 (5 phages, 18 proteins)

Motif found: SNAVGGPYAHNIVGESHQEIQYKAGFGRGPPWNFRGGG  
e-value: 1.5e-013  
length: 38

# K74 (5 phages, 15 proteins)

Motif found: SDIRLKRDFKPISSPLESVMSFRGATYEF  
e-value: 3.6e-006  
length: 29

# K68 (5 phages, 14 proteins)

Motif found: No Motifs  
e-value:   
length:

# K33 (5 phages, 12 proteins)

Motif found: FQNQIPTISLKKKWKIIQVPSNYDPINRTYSGTWDGVFKWAWSNNPAWVLYDLIMNQRYGLDQRELGIPVDKWSLYEVAQYCDELVPDNRGGMEPRYLM  
e-value: 1.6e-308  
length: 99 [Likely exact same protein across all 5 phages]

# K54 (4 phages, 19 proteins)

Motif found: RGRFQTPGIMEYVATHQNDHKFALFMHYR  
e-value: 9.9e-010  
length: 29

# K65 (4 phages, 17 proteins)

Motif found: RPDNGAEFGQGNISEFHVTTIGVYNFRSDAQWYVKSNPPEIGNQWGPFWSESTRPLR  
e-value: 7.7e-011  
length: 57

# K31 (4 phages, 17 proteins)

Motif found: QWSEIDSRLRIFGNDFQKRVHQIMSLPVNMCVPFHFIRG  
e-value: 1.4e-018  
length: 39

# K57 (4, 15)

Motif found: No motifs  
e-value:   
length:

# K25 (4, 13)

Motif found: DSMMIGCTINANDRGVALTGGANNNFFGGCRNEWNSGDNWYAFQAIENQISGELCDR  
e-value: 1.7e-032  
length: 57

# K61 (4, 13)

Motif found: ASVDSGENYQFFGGSIYNVNNSTFTGVGIYHDPEASGLEMGFNGTSFDYNDQDLFQRHSTFRFDKCHFENNNNNPKITIQ  
e-value: 3.2e-060  
length: 80

# K1 (4, 13)

Motif found: HLPRYIPGGVLQMQNSSVTNMAFVRTSGDRNSLFVYEFMW  
e-value: 2.3e-010  
length: 40

# 24 (4, 12)

Motif found: FPFYSTGRHVFRDIVFDGRDK  
e-value: 8.1e-004  
length: 21

# K19 (4, 12)

Motif found: EQYVVTRIEKGSDDDEFTFAITATQYNPNKYDAIDNGVITDGRPTSVVDPDSMGAPKDLTISSFSRIVQGMSVETMVIGWSAVQYAKLYEVQWRKDGGN  
e-value: 8.3e-074  
length: 99

# K46 (4, 11)

Motif found: …  
e-value: 2.9e-002  
length: 6

# K3 (4, 7)

Motif found: CSAFRGMTFYNGESLSIIVDKPRDPVYLFTADNVVDGVFVRTFPSEKTMYTSCNVMF  
e-value: 1.1e-051  
length: 57

# K18 (3 phages)

Motif found: No motif  
e-value:   
length:

# K32 (3 phages)

Motif found: CYNPLEDLTQWSEVDSRLRIFGNHFQKRVHQIMCLPVNMCVPFHFIRGTVTQC  
e-value: 4.1e-029  
length: 53

# K16 (3 phages)

Motif found: No motif  
e-value:   
length:

# K58 (3 phages)

Motif found: HRGRFQTPGIMEYVATHQNDHKFALFMHYRVTRAGAGTGATSATEALIASQTSPSSN  
e-value: 1.1e-022  
length: 57

# K47 (3 phages)

Motif found: IGCYNPLEDLTQWSEVDSRLRIFGNHFQKRVHQIMCLPVNMCVPFHFIRGTVTQC  
e-value: 1.1e-029  
length: 55

# K26 (3 phages)

Motif found: IGCYNPLEDLTQWSEVDSRLRIFGNHFQKRVHQIMCLPVNMCVPFHFIRGTVTQC  
e-value: 1.1e-029  
length: 55

# K2 (3 phages)

Motif found: No motif  
e-value:   
length:

# K39 (3 phages)

Motif found: FIAQQAETVDEVYTYQDVEQEIDGERWKVMNVDYVAIIADLVSSVQELKKEJRELK  
e-value: 1.7e-009  
length: 57

# K43 (3 phages)

Motif found: SHGSGFFGRAGDTNAAINIDYASGNVPILAINDSGLASGRVKSNVLYGTANKPSKSDVGLGNLTNDAQVKKAGDTMTGDL  
e-value: 3.8e-002  
length: 80

# K49 (3 phages)s

Motif found: ACERIERLGVCQYRMKGESRVRRGFIAQQADTVDKVYTYQ  
e-value: 3.1e-017  
length: 40