```
                1        10        20        30        40        50        60        70        80
Consensus       MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
Identity        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

1. 17v2|UL43   MLRNDSHRAVSPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
2. F|UL43       MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
3. H129|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
4. KOS|UL43     MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
5. HF10|UL43    MLRNDSHRAVSPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
6. McKr|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
7. CR38|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
8. E03|UL43     MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARW
9. E06|UL43     MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAVSGAFAVGCAVLGFMRAPPPLARP
10. E07|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
11. E08|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQATTLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
12. E10|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAVSGAFAVGCAVLGFMRAPPPLARP
13. E11|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAVSGAFAVGCAVLGFMRAPPPLARP
14. E12|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
15. E13|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
16. E14|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
17. E15|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAVSGAFAVGCAVLGFMRAPPPLARP
18. E19|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQATTLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
19. E22|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAVSGAFAVGCAVLGFMRAPPPLARP
20. E23|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAVSGAFAVGCAVLGFMRAPPPLARP
21. E25|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAVSGAFAVGCAVLGFMRAPPPLARP
22. E35|UL43    MLRNDSHRAASPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAVSGAFAVGCAVLGFMRAPPPLARP
23. R11|UL43    MLRNDSHRAVSPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
24. R62|UL43    MLRNDSHRAVSPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
25. S23|UL43    MLRNDSHRAVSPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP
26. S25|UL43    MLRNDSHRAVSPEDGQGRVDDGRPHLACVGALARGFMHIWLQAATLGFAGSVVMSRGPYANAASGAFAVGCAVLGFMRAPPPLARP

                90       100       110       120       130       140       150       160       170
Consensus       TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
Identity        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

1. 17v2|UL43   TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
2. F|UL43       TARIYAWLKLAAGGAALVLWSLGEPGTQPGALAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
3. H129|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGALAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
4. KOS|UL43     TARIYAWLKLAAGGAALVLWSLGEPGTQPGA--PGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
5. HF10|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
6. McKr|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
7. CR38|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGA--PGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
8. E03|UL43     AARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
9. E06|UL43     TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
10. E07|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
11. E08|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
12. E10|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
13. E11|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
14. E12|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGALAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGLTIGGSA
15. E13|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
16. E14|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
17. E15|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
18. E19|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
19. E22|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
20. E23|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
21. E25|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
22. E35|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
23. R11|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLFAPGPLFVGTLGMVVGGLTIGGSA
24. R62|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
25. S23|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA
26. S25|UL43    TARIYAWLKLAAGGAALVLWSLGEPGTQPGAPAPGPATQCLALGAAYAALLVLADDVYPLFLLAPGPLFVGTLGMVVGGLTIGGSA

                180       190       200       210       220       230       240       250
Consensus       RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
Identity        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

1. 17v2|UL43   RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVITAGESLSRRPPEDPERPGVPGPPSPPTPQRSHGPPADEVAPAR
2. F|UL43       RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
3. H129|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
4. KOS|UL43     RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
5. HF10|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVITAGESLSRRPPEDPERPGVPGPPSPPTPQRSHGPPADEVAPAR
6. McKr|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
7. CR38|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
8. E03|UL43     RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPAGATSSAG
9. E06|UL43     RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
10. E07|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVITAGESLSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
11. E08|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
12. E10|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
13. E11|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
14. E12|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVITAGESLSRRPPEDPERPGVPGPPSPPTPQRSHGPPADEVAPAG
15. E13|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPAGATSSAG
16. E14|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSHGPPADEVAPAR
17. E15|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
18. E19|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
19. E22|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
20. E23|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
21. E25|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
22. E35|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRRPPEDPERPGDPGPPSPPTPQRSQGPPADEVAPAG
23. R11|UL43    RYWWIGGPAAAALAAAVLAGPGATTARDCFSRACPDHRRVCVIVAGESVSRHPPEDPERPGDPGPPSPPTPQRSHGPPADEVAPAR
24. R62|UL43    RYWWIGGPAAAALAAAVLAGPGATPARDCFSRACPDHRRVCVIVAGESVSRHPPEDPERPGDPGPPSPPTPQRSHGPPADEVAPAR
25. S23|UL43    RYWWIGGPAAAALAAAVLAGPGATPARDCFSRACPDHRRVCVIVAGESVSRHPPEDPERPGDPGPPSPPTPQRSHGPPADEVAPAR
26. S25|UL43    RYWWIGGPAAAALAAAVLAGPGATPARDCFSRACPDHRRVCVIVAGESVSRHPPEDPERPGDPGPPSPPTPQRSHGPPADEVAPAR

                260       270       280       290       300       310       320       330       340
Consensus       VARPENVWVPVVTFLGAGALAVKTXREHARGTPGPGLPLWPQVFJGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
Identity        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

1. 17v2|UL43   VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
2. F|UL43       VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
3. H129|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
4. KOS|UL43     VARPENVWVPVVTFLGAGALAVKTVREHARETPGPGLPLWPQVFLGGHVAVALTELCQALMPWDLTDPLLFVHAGLQVINLGLVFR
5. HF10|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
6. McKr|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
7. CR38|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARETPGQGLPLWPQVFLGGHVAVALTELCQALMPWDLTDPLLFVHAGLQVINLGLVFR
8. E03|UL43     VARPENVWVPVVTFLGAGALAVKTARDHARGTPGPGLPLWPQVFIGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
9. E06|UL43     VARPENVWVPVVTFLGAGALAVKTAREHARGTPGPGLPLWPQVFIGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVIHLGLVFR
10. E07|UL43    VARPENVWVPVVTFLGAGALAVKTARDHARGTPGPGLPLWPQVFIGGHVAVALTELCQALAPLDLTDPLLFVHAGLQVINLGLVFR
11. E08|UL43    VARPENVWVPVVTFLGAGALAVKTARDHARGTPGPGLPLWPQVFIGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
12. E10|UL43    VARPENVWVPVVTFLGAGALAVKTAREHARGTPGPGLPLWPQVFIGGHVAVALTELCQALVPWDLTDPLLFIHAGLQVIHLGLVFR
13. E11|UL43    VARPENVWVPVVTFLGAGALAVKTAREHARGTPGPGLPLWPQVFIGGHVAVALTELCQALVPWDLTDPLLFIHAGLQVIHLGLVFR
14. E12|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
15. E13|UL43    VARPENVWVPVVTFLGAGALAVKTARDHARGTPGPGLPLWPQVFIGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
16. E14|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
17. E15|UL43    VARPENVWVPVVTFLGAGALAVKTAREHARGTPGPGLPLWPQVFIGGHVAVALTELCQALVPWDLTDPLLFVHAGLQVIHLGLVFR
18. E19|UL43    VARPENVWVPVVTFLGAGALAVKTARDHARGTPGPGLPLWPQVFIGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
19. E22|UL43    VARPENVWVPVVTFLGAGALAVKTAREHARGTPGPGLPLWPQVFIGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVIHLGLVFR
20. E23|UL43    VARPENVWVPVVTFLGAGALAVKTAREHARGTPGPGLPLWPQVFIGGHVAVALTELCQALVPWDLTDPLLFVHAGLQVIHLGLVFR
21. E25|UL43    VARPENVWVPVVTFLGAGALAVKTAREHARGTPGPGLPLWPQVFIGGHVAVALTELCQALVPWDLTDPLLFVHAGLQVIHLGLVFR
22. E35|UL43    VARPENVWVPVVTFLGAGALAVKTAREHARGTPGPGLPLWPQVFIGGHVAVALTELCQALVPWDLTDPLLFVHAGLQVIHLGLVFR
23. R11|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
24. R62|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
25. S23|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR
26. S25|UL43    VARPENVWVPVVTFLGAGALAVKTVREHARGTPGPGLPLWPQVFLGGHVAVALTELCQALAPWDLTDPLLFVHAGLQVINLGLVFR

                350       360       370       380       390       400       410       420  423
Consensus       FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
Identity        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

1. 17v2|UL43   FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGVLLCPPGSTGGRSGD
2. F|UL43       FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
3. H129|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
4. KOS|UL43     FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGWSGD
5. HF10|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGALPVQATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
6. McKr|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLRRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
7. CR38|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGWSGD
8. E03|UL43     FSEVVVYAALGGAVWISLAQVLGLRRRLRRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
9. E06|UL43     FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
10. E07|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLRRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
11. E08|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLRRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
12. E10|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
13. E11|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
14. E12|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLRRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGWSGD
15. E13|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLRRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
16. E14|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGVLLCPPGSTGGRSGD
17. E15|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
18. E19|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLRRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
19. E22|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
20. E23|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
21. E25|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
22. E35|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGDYYIFQ
23. R11|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
24. R62|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
25. S23|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
26. S25|UL43    FSEVVVYAALGGAVWISLAQVLGLRRRLHRKDPGDGAR-LAATLRGLFFSVYALGFGVGALLCPPGSTGGRSGD
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