

A

Searching command: moss nr <block> r.01 i80%

moss nr remost.res r.01 i80% > most.res

Method: Dirichlet mixture

Block (7x14)

```
max  YTQDSFEKEYGLKW  250
      5  YTQDSFEAKYNLKW  239          COAT_SBWMV
      3  YTRKTFERELALEW  229          COAT_BSMV
      4  WTRDKFEDRFKLPW  224          COAT_BNYVV
      1  VVQRTFEKEYSLRW  210          COAT_TRVTC
      2  YNRSSFESSSGLVW  209          COAT_TMV
      7  YTRTTIENKLGIVW  203          COAT_NVMV
      6  YDQFLFESTFSVNW  202          COAT_IPCV
min  DWWPPDLIPDLDPW  -237
```

Database: Non-redundant PDB+SwissProt+SPupdate+PIR+GenPept+GPupdate, 5:41 AM
EDT Jul 3, 1995

148,485 sequences; 43,480,653 total letters.

1 iteration

Block of 7 items resulted in 42 matches - 10 new

				Score	Expected	Ratio
>sp P03575 COAT_TMVDA	139:	YNQNTFESmSGLVW	203,	0.00113	5.4e-05	
>gi 515099 pdb 1CGM E	140:	YDRaSFEEaFVVVW	188,	0.0118	0.000474	
>gi 294270 gp L07269	179:	fDRaLFEEtFSLNW	183,	0.0241	0.000932	
>sp P14849 COAT_PEBV	170:	LDQedFEEeKFKLVW	177,	0.054	0.0019	
>sp P29096 COAT_PPMVS	140:	YNQaLFESaSGLtW	174,	0.0794	0.00264	
>sp P03581 COAT_TMVCO	140:	fNRTSFESaSGLtW	173,	0.09	0.00282	
>pir A60023 A60023 co	142:	YNQvSFETmSGLtW	171,	0.115	0.00334	
>gi 511051 gp X72587	140:	YNQaLFESvSGLtW	170,	0.13	0.00369	
>sp Q01365 POL2_BAYMG	385:	YTRniFENDnhLVW	166,	0.206	0.00564	
>sp P03578 COAT_ORSV	141:	YNQvSFETiSGLtW	165,	0.23	0.00593	
>pir S49244 S49244 co	!	5 159: YTQDSFEAKYNLKW	239,	3.14e-07	1.5e-07	
>sp P04866 COAT_BSMV	!	3 177: YTRKTFERELALEW	229,	5.68e-06	1.81e-06	
>gi 633933 gp S71490	!	4 163: WTRDKFEDRFKLPW	224,	1.89e-05	3.01e-06	
>sp P05072 COAT_TRVTC	!	1 168: VVQRTFEKEYSLRW	210,	0.000329	4.49e-05	
>gi 230770 pdb 2TMV P	!	2 139: YNRSSFESSSGLVW	209,	0.000395	2.52e-05	
>sp Q05142 COAT_NVMV	!	7 149: YTRTTIENKLGIVW	203,	0.00113	5.4e-05	
>pir S39338 S39338 co	!	6 179: YDQFLFESTFSVNW	202,	0.00134	6.09e-05	

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2 iteration

Block of 15 items resulted in 45 matches - 1 new

				Score	Expected	Ratio
>sp P03579 COAT_TMGMV	139:	FNQAgFETASGLVW	215,	0.00164	3.74e-05	
>sp P03575 COAT_TMVDA	!	1 139: YNQNTFESmSGLVW	273,	6.16e-09	1.47e-09	
>gi 230770 pdb 2TMV P	!	13 139: YNRSSFESSSGLVW	256,	1.83e-06	1.34e-07	
>sp P29096 COAT_PPMVS	!	5 140: YNQALFESaSGLTW	253,	3.62e-06	2.31e-07	
>pir A60023 A60023 co	!	7 142: YNQvSFETmSGLTW	250,	6.8e-06	3.61e-07	
>sp P03581 COAT_TMVCO	!	6 140: FNRTSFESaSGLTW	245,	1.79e-05	8.55e-07	
>pir S49244 S49244 co	!	9 159: YTQDSFEAKYNLKW	241,	3.65e-05	1.59e-06	
>gi 515099 pdb 1CGM E	!	2 140: YDRASFEAAFSVVW	238,	6.07e-05	2.32e-06	
>pir S39338 S39338 co	!	15 179: YDQFLFESTFSVNW	233,	0.000135	4.77e-06	
>gi 294270 gp L07269	!	3 179: fDRALFEETfSLNW	230,	0.000212	7.24e-06	
>sp Q01365 POL2_BAYMG	!	8 385: YTRNiFENDnhLVW	228,	0.000284	7.99e-06	
>sp P14849 COAT_PEBV	!	4 170: LDQEDFEeKFKLVW	220,	0.00086	2.22e-05	
>gi 633933 gp S71490	!	11 163: WTRDKFEDRFKLPW	216,	0.00145	3.55e-05	
>sp P04866 COAT_BSMV	!	10 177: YTRKTFERELALEW	214,	0.00186	4.15e-05	
>sp Q05142 COAT_NVMV	!	14 149: YTRTTIENKLGIVW	205,	0.00552	0.00012	
>sp P05072 COAT_TRVTC	!	12 168: VVQRTFEKEYSLRW	197,	0.0136	0.000291	

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