

SUPPLEMENTARY DATA S5

Your input sequence:

>bcr

MVDPVGFAEAWKAQFPDSEPPRMELRSVGDIEQEELERCKASIRRLEQEVNQERFRMIYLO
TLLAKEKKSYSYDRQRWGFRRAAQAPDGASEPRASASRPQPAPADGADPPPAEPEEARPDGE
GSPGKARPGTARRPGAAASGERDDRGPPASVAALRSNFERIRKGGHGQPGADAEKPFYVNV
EFHHERGLVKVNDKEVSDRISLGSQAMQMERKKSQHGAGSSVGDASRPPYRGRSSESSC
GVDGDYEDAELNPRFLKDNLIDANGGSRPPWPPLEYQPYQSIYVGGMMEGEGKGPLLRSQ
STSEQEKRLTWPRRSYSPRSFEDCGGGYTPDCSSNENLTSSEEDFSSGQSSRVSPSPPTY
RMFRDKSRSPSQNSQQSFSSSPPTPQCHKRHRHCPVVVSEATIVGVRKTGQIWPNDGEG
AFHGDA

TOP 10 MATCHES (Zscore>6 means significant matching)

RANK	TEMPLATE	ZSCORE	SEQID	ALIGNMENT	MODEL
1	5aluG	8.21	6.9%	[ALI1]	[MOD1]
2	5dfzB	8.19	5.6%	[ALI2]	[MOD2]
3	5iouB	8.04	7.3%	[ALI3]	[MOD3]
4	5ideB	7.16	9.0%	[ALI4]	[MOD4]
5	3jcmN	7.13	8.8%	[ALI5]	[MOD5]
6	3iymA	6.93	11.3%	[ALI6]	[MOD6]
7	5a9qA	6.59	8.7%	[ALI7]	[MOD7]
8	3jcmA	6.57	6.5%	[ALI8]	[MOD8]
9	4gwpB	6.37	7.0%	[ALI9]	[MOD9]
10	5aluE	6.27	9.0%	[ALI10]	[MOD10]