>tr|Q7M0H5|Q7M0H5_CRIGR SubName: Full=Cre recombinase protein; Length = 350Score = 144 bits (362), Expect = 2e-32, Method: Compositional matrix adjust.
Identities = 104/330 (31%), Positives = 174/330 (52%), Gaps = 23/330 (6%) Cre : 24 DATSDEVRKNLMDMFRDRQAFSEHTWKMLLSVCRSWAAWCKLNNRKWFPAEPEDVRDYLL 83 SCre: 115 YYQAS--SYTTLSQYAWAINSFHVECGLLSPVSSKTVQDKQNEIRIVKLESGGLAQEQAT 172 Y QA + T+ Q+ +N H GL P S V IR +++G A+ QA Cre : 84 YLQARGLAVKTIQQHLGQLNMLHRRSGLPRPSDSNAVSLVMRRIRKENVDAGERAK-QAL 142 SCre: 173 pfrlhhlqmliesygeserlldkrnlallniayesllresellrikvghlkstfegdyvl 232 F + S+R D RNLA L IAY +LLR +E+ RI+V + T G ++ Cre : 143 AFERTDFDQVRSLMENSDRCQDIRNLAFLGIAYNTLLRIAEIARIRVKDISRTDGGRMLI 202 SCre: 233 SVPYTKT--NDSGEEEVVNITPLGF-KLIQRYIQGAGLTKE--DYLFQPIGRSNKVSVQA 287 + TKT + +G E+ ++ LG KL++R+I +G+ + +YLF + R N V+ + Cre: 203 HIGRTKTLVSTAGVEKALS---LGVTKLVERWISVSGVADDPNNYLFCRV-RKNGVAAPS 258 SCre: 288 KP--MSTRTVDRVF-----LWAFESLGIDRHSAWSGHSARIGAAQDLLAAGYSIAQIQE 339 +STR ++ +F ++ + R+ AWSGHSAR+GAA+D+ AG SI +I + Cre : 259 ATSQLSTRALEGIFEATHRLIYGAKDDSGQRYLAWSGHSARVGAARDMARAGVSIPEIMQ 318 SCre: 340 NGRWKSPMMVLRYGKDIKAKESAMAKMLAE 369

G W + +V+ Y +++ ++ AM ++L + Cre : 319 AGGWTNVNIVMNYIRNLDSETGAMVRLLED 348