

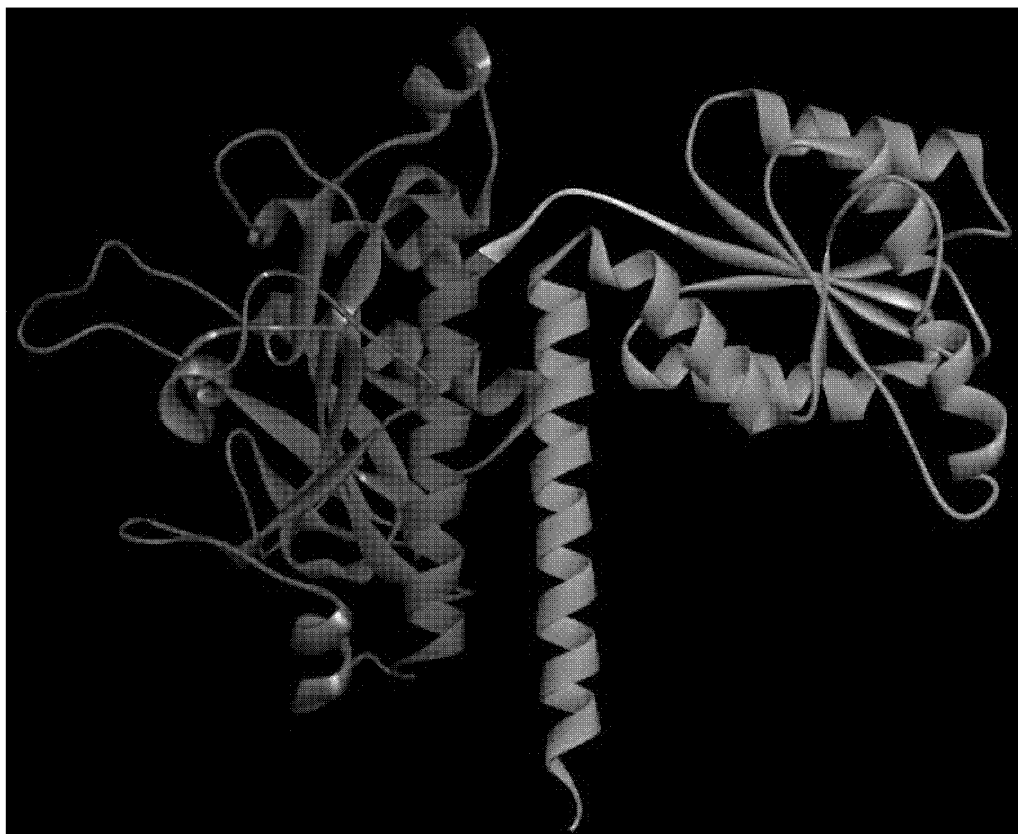
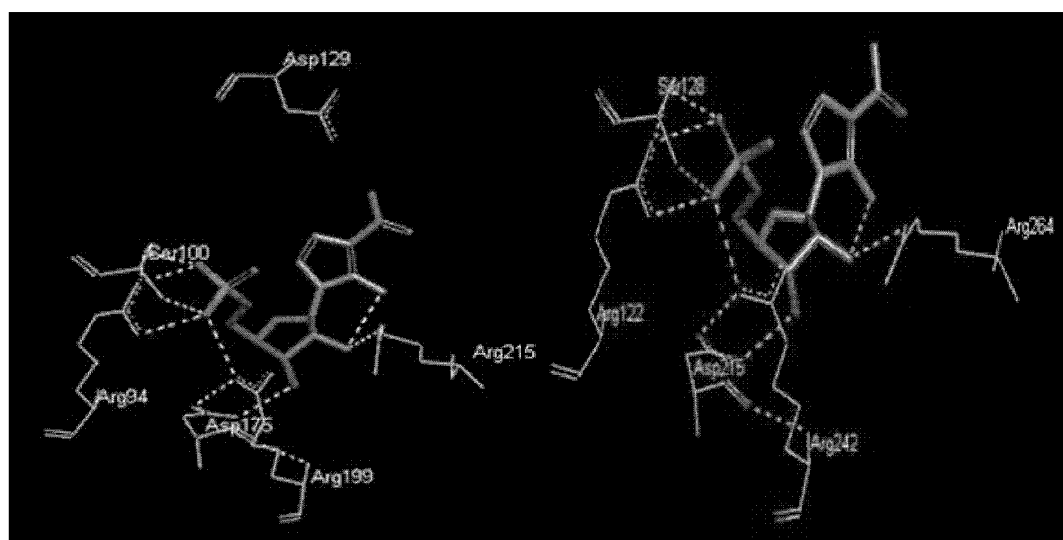
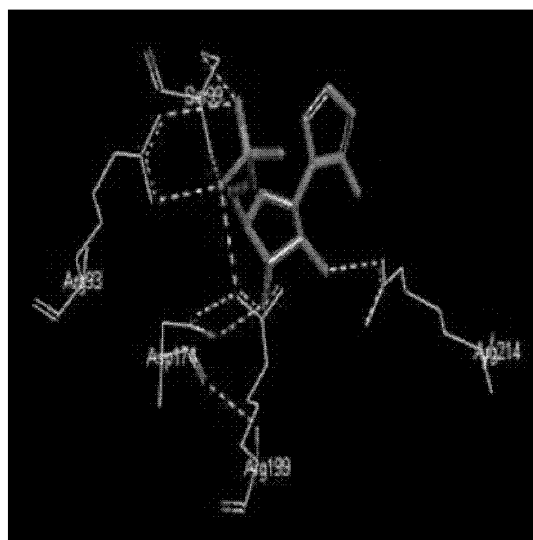


图 1



(B)



(C)

图 2

		Section 1									
		1	10	20	30	40	50	60			
2H31_Homo_PACIS	(1)	-----	-----	-----	-----	-----	-----	-----			
41A0_Bombix mor_PACIS	(1)	-----	-----	-----	-----	-----	-----	-----			
3KUT_Thermotoga maritima_SAICAR synthase	(1)	-----	-----	-----	-----	-----	-----	-----			
2QQR_Escherichia coli_SAICAR synthetase	(1)	-----	-----	-----	-----	-----	-----	-----			
ZYL1_Methanocaldococcus jannaschii_SAICAR synthetase	(1)	-----	-----	-----	-----	-----	-----	-----			
3L54_Pyrococcus horikoshii_SAICAR synthetase	(1)	-----	-----	-----	-----	-----	-----	-----			
ZYVY_Geobacillus kaustophilus_SAICAR synthetase	(1)	-----	-----	-----	-----	-----	-----	-----			
3WVA_Clostridium perfringens_SAICAR synthetase	(1)	-----	-----	-----	-----	-----	-----	-----			
3KRE_Ehrlichia chaffeensis_SAICAR synthetase	(1)	-----	-----	-----	-----	-----	-----	-----			
1A46_Saccharomyces cerevisiae_SAICAR SYNTHASE	(1)	-----	-----	-----	-----	-----	-----	-----			
3R5R_Mycobacterium abscessus_SAICAR synthetase	(1)	-----	-----	-----	-----	-----	-----	-----			
Consensus	(1)	-----	-----	-----	-----	-----	-----	-----			
		Section 2									
		65	70	80	90	100	110	120			
2H31_Homo_PACIS	(50)	-----	-----	-----	-----	-----	-----	-----			
41A0_Bombix mor_PACIS	(50)	-----	-----	-----	-----	-----	-----	-----			
3KUT_Thermotoga maritima_SAICAR synthase	(50)	-----	-----	-----	-----	-----	-----	-----			
2QQR_Escherichia coli_SAICAR synthetase	(48)	-----	-----	-----	-----	-----	-----	-----			
ZYL1_Methanocaldococcus jannaschii_SAICAR synthetase	(49)	-----	-----	-----	-----	-----	-----	-----			
3L54_Pyrococcus horikoshii_SAICAR synthetase	(42)	-----	-----	-----	-----	-----	-----	-----			
ZYVY_Geobacillus kaustophilus_SAICAR synthetase	(40)	-----	-----	-----	-----	-----	-----	-----			
3WVA_Clostridium perfringens_SAICAR synthetase	(47)	-----	-----	-----	-----	-----	-----	-----			
3KRE_Ehrlichia chaffeensis_SAICAR synthetase	(50)	-----	-----	-----	-----	-----	-----	-----			
1A46_Saccharomyces cerevisiae_SAICAR SYNTHASE	(50)	-----	-----	-----	-----	-----	-----	-----			
3R5R_Mycobacterium abscessus_SAICAR synthetase	(50)	-----	-----	-----	-----	-----	-----	-----			
Consensus	(50)	-----	-----	-----	-----	-----	-----	-----			
		Section 3									
		120	140	160	180	200	220	240			
2H31_Homo_PACIS	(99)	-----	-----	-----	-----	-----	-----	-----			
41A0_Bombix mor_PACIS	(96)	-----	-----	-----	-----	-----	-----	-----			
3KUT_Thermotoga maritima_SAICAR synthase	(79)	-----	-----	-----	-----	-----	-----	-----			
2QQR_Escherichia coli_SAICAR synthetase	(85)	-----	-----	-----	-----	-----	-----	-----			
ZYL1_Methanocaldococcus jannaschii_SAICAR synthetase	(92)	-----	-----	-----	-----	-----	-----	-----			
3L54_Pyrococcus horikoshii_SAICAR synthetase	(85)	-----	-----	-----	-----	-----	-----	-----			
ZYVY_Geobacillus kaustophilus_SAICAR synthetase	(89)	-----	-----	-----	-----	-----	-----	-----			
3WVA_Clostridium perfringens_SAICAR synthetase	(90)	-----	-----	-----	-----	-----	-----	-----			
3KRE_Ehrlichia chaffeensis_SAICAR synthetase	(107)	-----	-----	-----	-----	-----	-----	-----			
1A46_Saccharomyces cerevisiae_SAICAR SYNTHASE	(114)	-----	-----	-----	-----	-----	-----	-----			
3R5R_Mycobacterium abscessus_SAICAR synthetase	(99)	-----	-----	-----	-----	-----	-----	-----			
Consensus	(129)	-----	-----	-----	-----	-----	-----	-----			
		Section 4									
		190	200	210	220	230	240	250			
2H31_Homo_PACIS	(152)	-----	-----	-----	-----	-----	-----	-----			
41A0_Bombix mor_PACIS	(155)	-----	-----	-----	-----	-----	-----	-----			
3KUT_Thermotoga maritima_SAICAR synthase	(137)	-----	-----	-----	-----	-----	-----	-----			
2QQR_Escherichia coli_SAICAR synthetase	(144)	-----	-----	-----	-----	-----	-----	-----			
ZYL1_Methanocaldococcus jannaschii_SAICAR synthetase	(150)	-----	-----	-----	-----	-----	-----	-----			
3L54_Pyrococcus horikoshii_SAICAR synthetase	(143)	-----	-----	-----	-----	-----	-----	-----			
ZYVY_Geobacillus kaustophilus_SAICAR synthetase	(147)	-----	-----	-----	-----	-----	-----	-----			
3WVA_Clostridium perfringens_SAICAR synthetase	(148)	-----	-----	-----	-----	-----	-----	-----			
3KRE_Ehrlichia chaffeensis_SAICAR synthetase	(165)	-----	-----	-----	-----	-----	-----	-----			
1A46_Saccharomyces cerevisiae_SAICAR SYNTHASE	(170)	-----	-----	-----	-----	-----	-----	-----			
3R5R_Mycobacterium abscessus_SAICAR synthetase	(163)	-----	-----	-----	-----	-----	-----	-----			
Consensus	(193)	-----	-----	-----	-----	-----	-----	-----			
		Section 5									
		257	270	280	290	300	310	320			
2H31_Homo_PACIS	(214)	-----	-----	-----	-----	-----	-----	-----			
41A0_Bombix mor_PACIS	(216)	-----	-----	-----	-----	-----	-----	-----			
3KUT_Thermotoga maritima_SAICAR synthase	(192)	-----	-----	-----	-----	-----	-----	-----			
2QQR_Escherichia coli_SAICAR synthetase	(198)	-----	-----	-----	-----	-----	-----	-----			
ZYL1_Methanocaldococcus jannaschii_SAICAR synthetase	(205)	-----	-----	-----	-----	-----	-----	-----			
3L54_Pyrococcus horikoshii_SAICAR synthetase	(197)	-----	-----	-----	-----	-----	-----	-----			
ZYVY_Geobacillus kaustophilus_SAICAR synthetase	(202)	-----	-----	-----	-----	-----	-----	-----			
3WVA_Clostridium perfringens_SAICAR synthetase	(202)	-----	-----	-----	-----	-----	-----	-----			
3KRE_Ehrlichia chaffeensis_SAICAR synthetase	(223)	-----	-----	-----	-----	-----	-----	-----			
1A46_Saccharomyces cerevisiae_SAICAR SYNTHASE	(241)	-----	-----	-----	-----	-----	-----	-----			
3R5R_Mycobacterium abscessus_SAICAR synthetase	(225)	-----	-----	-----	-----	-----	-----	-----			
Consensus	(257)	-----	-----	-----	-----	-----	-----	-----			

图 3

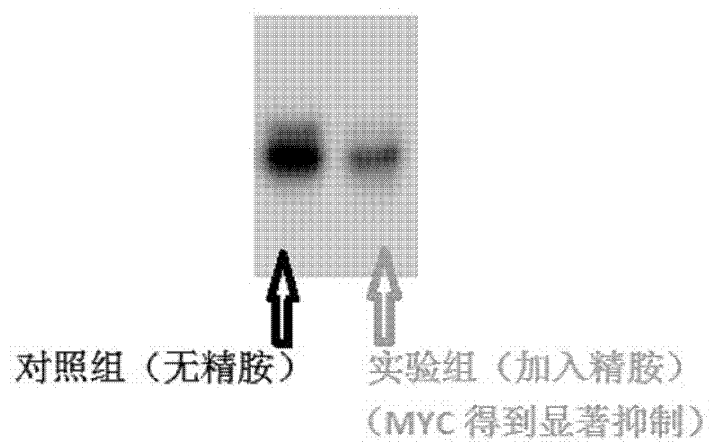


图 4