

2L:bZip

MLNMESPQMYADAVQTLAQLDLKKEPPLQQATI GQI TLTAMSTAQQQQQQ
MLNMESPQMYADAVQTLAQLDLKKEPPLQQATI GQI TLTAMSTAQQQQQQ
MLNMESPQMYADAVQTLAQLDLKKEPPLQQATI GQI TLTAMSTAQQQQQQ

QQQQQQQQQQQQQQQQQQQQQQPQQT TDANNNTSQDAAL L VKQH AMHQM MQV
QQQQQQQQQQQQQQQQQQQQQQPQQT TDANNNTSQDAAL L VKQH AMHQM MQV
QQQQQQQQQQQQQQQQQQQQPQQT TDANNNTSQDAAL L VKQH AMHQM MQV

AALGNNNNL L QKQML QQYSTQTDL DELTTQEI TLDLQHLI DDQFRDTE TL
AALGNNNNL L QKQML QQYSTQTDL DELTTQEI TLDLQHLI DDQFRDTE TL
AALGNNNNL L QKQML QQYSTQTDL DELTTQEI TLDLQHLI DDQFRDTE TL

GI FSDMVTSPGGLSATL PPTGMVSAAAKVL QQQT L RNQHGYGGRGGGG - A
GI FSDMVTSPGGLSATL PPSGMVSAAAKVL QQQT L RNQHGYGGRGGGG - A
GI FSDMVTSPGGLSATL PPSGMVSAAAKVL QQQT L RNQHGYGGRGGGG G A

GGALAYMPQP V HATYNNSSDENSSVGSDSSTI KEEPI DPEYRRHL QE AAS
GGALAYMPQP V HATYNNSSDENSSVGSDSSTI KEEPI DPEYRRHL QE AAS
GGALAYMPQP V HATYNNSSDENSSVGSDSSTI KEEPI DPEYRRHL QE AAS

QQA AFMGNGA GL YNGYGS GANGL SGGGNPLNGGNTTPSSNGSNGSTGSSN
QQA AFMGNGA S - - - - -
QQA AFMGNGA GL YNGYGS GANGL TGGGNPLNGGNTTPSSNGSNGSTGSSN

GSQFTNL TTANVL AHHNL PHL AAAAGAHNL L KQHSKL HAQQQHQQHQQQQ
- - - - - L KQHSKL HAQQQHQQHQQQQ
GSQFTNL TTANVL AHHNL PHL AAAAGAHNL L KQHSKL HAQQQHQQHQQQQ

slbo

2L:bZip

sec
sim
mel

QHRKHSNKHVDKGTDEYRRRRERNNI AVRKSREKAKVRSREVEERVKSLL
QHRKHSNKHVDKGTDEYRRRRERNNI AVRKSREKAKVRSREVEERVKSLL
QHRKHSNKHVDKGTDEYRRRRERNNI AVRKSREKAKVRSREVEERVKSLL

399
330
399

basic (DNA binding)

leucine-

sec
sim
mel

KEKDAL I RQL GEMTNEL QL HKQI YMQL MNHANPEVSRACRSFLNTNEHSL
KEKDAL I RQL GEMTNEL QL HKQI YMQL MNHANPEVSRACRSFLNTNEHSL
KEKDAL I RQL GEMTNEL QL HKQI YMQL MNHANPEVSRVCRSFLNTNEHSL

449
380
449

zipper