

## SEQUENCE LISTING

### SEQUENCE NO.1

G D S I T S G N

### SEQUENCE NO.2

I S Y S G S T

### SEQUENCE NO.3

A R Y G G N Y F D Y

### SEQUENCE NO.4

S S V S Y

### SEQUENCE NO.5

D T S

### SEQUENCE NO.6

F Q G S G Y P L T

### SEQUENCE NO.7

V	K	L	Q	Q	S	G	P	S	L	V	K	P	S	Q	T	L	S	L	T	C	S	V
T	G	D	S	I	T	S	G	N	W	N	W	I	R	K	F	P	G	H	K	L	E	Y
M	G	Y	I	S	Y	S	G	S	T	Y	Y	N	P	S	L	K	S	R	I	S	I	T
R	D	T	S	K	N	Q	F	F	L	Q	L	N	S	V	T	T	E	D	T	A	T	Y
Y	C	A	R	Y	G	G	N	Y	F	D	Y	W	G	Q	G	T	T	V	T	V	S	S

### SEQUENCE NO.8

D	I	E	L	T	Q	S	P	A	I	M	S	A	S	P	G	E	K	V	T	M	T	C
S	A	S	S	S	V	S	Y	M	H	W	Y	Q	Q	K	S	G	T	S	P	K	R	W
I	Y	D	T	S	K	L	A	S	G	V	P	A	R	F	S	G	S	G	S	G	T	S
Y	S	L	T	I	S	S	M	E	A	E	D	V	A	T	Y	Y	C	F	Q	G	S	G
Y	P	L	T	F	G	A	R	T	K	L	E	L	K	R	A							

### SEQUENCE NO.9

ggc gac tcc atc acc agt ggt aac

### SEQUENCE NO.10

ata agc tac agt ggt agc act

### SEQUENCE NO.11

gca aga tat ggt ggt aac tac ttt gac tac

### SEQUENCE NO.12

tca agt gta agt tac

### SEQUENCE NO.13

gac aca tcc

### SEQUENCE NO.14

ttt cag ggg agt ggg tac cca ctc acg

### SEQUENCE NO.15

cag gtg aag ctg cag cag tca gga cct agc ctc gtg aaa cct tct cag act ctg tcc ctc acc tgt tct  
gtc act ggc gac tcc atc acc agt ggt aac tgg aac tgg atc cgg aaa ttc cca ggg cat aaa ctt gag  
tac atg ggg tac ata agc tac agt ggt agc act tat tat aat cca tct ctc aaa agt cga atc tct atc  
act cga gac aca tcc aag aac cag ttc ttc ctg cag ttg aat tct gtg act act gag gac aca gcc aca  
tat tac tgt gca aga tat ggt ggt aac tac ttt gac tac tgg ggc caa ggg acc acg gtc acc gtc tcc  
tca

### SEQUENCE NO.16

gac atc gag ctc act cag tct cca gca atc atg tct gca tct cca ggg gag aag gtc acc atg Acc tgc  
agt gcc agc tca agt gta agt tac atg cac tgg tac cag cag aag tca ggc acc tcc ccc aaa aga tgg  
att tat  
gac aca tcc aaa ctg gct tct gga gtc cct gct cgc ttc agt ggc agt ggg tct ggg acc tct tac tct  
ctc aca atc agc agc atg gag gct gaa gat gtt gcc act tat tac tgt ttt cag ggg agt ggg tac cca  
ctc acg ttc ggt gct agg acc aag ctg gag ctg aaa cgg gcg

### SEQUENCE NO.17

G Y A F I G Y N

### SEQUENCE NO.18

I D P Y Y C G T

### SEQUENCE NO.19

A R G T M I T T S Y A M D Y

### SEQUENCE NO.20

S S V S Y

### SEQUENCE NO.21

A T S N

### SEQUENCE NO.22

Q Q W S S N L L T

### SEQUENCE NO.23

Q V K L Q E S G P E L E K P G A S V K I S C K A  
S G Y A F I G Y N M N W V K K S N E K S L E W I  
G N I D P Y Y C G T S Y N Q K F K G K A T M T V  
D E S S S T A F M Q L K S L T S E D S A V Y Y C  
A R G T M I T T S Y A M D Y W G Q G T T V T V S  
S

#### SEQUENCE NO.24

D I E L T Q S P A I L S A S P G E K V T M T C R  
A S S S V S Y M H W Y Q Q K P G S S P K P W I Y  
A T S N L A S G V P A R F S G S G S G T S Y S L  
T I S R V E A E D A A T Y S C Q Q W S S N L L T  
F G A G T K L E I K R A

#### SEQUENCE NO.25

ggt tac gca ttc att ggc tac aac

#### SEQUENCE NO.26

att gat cct tac tat tgt ggg act

#### SEQUENCE NO.27

gca agg ggg act atg att acg acg tcc tat gct atg gac tac

#### SEQUENCE NO.28

tca agt gta agt tac

#### SEQUENCE NO.29

gcc aca tcc aac

#### SEQUENCE NO.30

cag cag tgg agt agt aac ctg ctc acg

#### SEQUENCE NO.31

cag gtc aaa ctg cag gag tct gga cct gag ctg gag aag cct ggc gct tca gtg aag att tcc tgc aag  
gct tcc ggt tac gca ttc att ggc tac aac atg aac tgg gtg aag aag agc aat gaa aag agc ctt gag  
tgg att gga aat att gat cct tac tat tgt ggg act agc tac aac cag aag ttc aag ggc aag gcc aca  
atg act gta gac gaa tcc tcc agc aca gcc ttc atg cag ctc aag agc ctg aca tct gag gac tct gca  
gtc tat tac tgt gca agg ggg act atg att acg acg tcc tat gct atg gac tac tgg ggc caa ggg acc  
acg gtc acc gtc tcc tca

### SEQUENCE NO.32

gac atc gag ctc act cag tct cca gca atc ctg tct gcg tct cca ggg gag aag gtc aca atg act tgc  
agg gcc agc tca agt gta agt tac atg cac tgg tac cag cag aag cca gga tcc tcc ccc aaa ccc tgg  
att tat gcc aca tcc aac ctg gct tct gga gtc cct gct cgc ttc agt ggc agt ggg tct ggg acc tct  
tac tct ctc aca atc agc aga gtg gag gct gaa gat gct gcc act tat tcc tgc cag cag tgg agt agt  
aac ctg ctc acg ttc ggt gct ggg acc aag ctg gaa ata aaa cgg gcg

### SEQUENCE. NO.33

G G G S G G G S G G G S

### SEQUENCE. NO.34

gga ggc ggt tca ggc gga ggt ggc tct ggt ggt ggc gga tcg