

logo

NTDB id 51507 H7679 RS05460 WP 024396051.1  
NTDB id 379 SMU RS04375 WP 002262816.1  
consensus

MAANKHND

EL

YH

CS

F

C

G

K

N

Q

E

V

K

K

I

I

A

G

N

N

V

F

I

C

N

E

C

V

E

L

A

Q

E

I

R

E

E

L

A

E

E

V

L

T

D

L

A

D

T

P

K

P

Q

E

L

L

N

I

L

N

N

Y

V

I

G

Q

D

R

A

K

R

A

L

84  
85

logo

NTDB id 51507 H7679 RS05460 WP 024396051.1  
NTDB id 379 SMU RS04375 WP 002262816.1  
consensus

AVAVYNHYKRI

NF

Q

S

R

D

E

Q

D

V

D

L

Q

K

S

N

I

L

M

I

G

P

T

G

S

G

K

T

F

L

A

Q

T

L

A

K

S

L

N

P

F

A

I

A

D

A

T

A

L

T

E

A

G

Y

V

G

E

D

V

E

N

I

L

L

K

L

Q

A

A

D

Y

169  
170

logo

NTDB id 51507 H7679 RS05460 WP 024396051.1  
NTDB id 379 SMU RS04375 WP 002262816.1  
consensus

N

I

D

R

A

E

R

G

I

I

Y

V

D

E

I

D

K

I

A

K

K

G

E

N

S

I

T

R

D

V

S

G

E

G

V

Q

Q

A

L

L

K

I

E

G

T

V

A

S

V

P

P

Q

G

G

R

K

H

P

N

Q

E

M

I

H

V

D

T

K

N

I

L

F

I

V

G

A

F

D

G

I

E

254  
255

logo

NTDB id 51507 H7679 RS05460 WP 024396051.1  
NTDB id 379 SMU RS04375 WP 002262816.1  
consensus

I

V

K

Q

R

L

G

E

K

I

I

G

F

G

H

N

N

R

A

I

D

E

K

E

S

Y

M

Q

H

I

I

A

D

D

I

Q

K

F

G

I

P

E

L

I

G

R

L

P

V

F

A

A

L

D

Q

L

T

T

E

D

L

V

R

I

L

T

E

P

K

N

A

L

V

K

Q

Y

Q

T

L

S

Y

D

339  
340

logo

NTDB id 51507 H7679 RS05460 WP 024396051.1  
NTDB id 379 SMU RS04375 WP 002262816.1  
consensus

VE

L

F

D

Q

E

A

L

Q

A

I

A

Q

K

A

I

E

R

K

T

G

A

R

G

L

R

S

I

E

E

T

M

L

D

M

F

E

P

S

Q

N

N

V

K

R

V

R

T

K

A

V

D

G

K

E

K

P

L

E

T

A

S

408  
410

X

 non conserved

X

 similar

X

 ≥ 50% conserved