

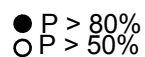
AA AS SS

variable
AA sequences
at new site

reference species

Oryzias latipes AB223058
Oreochromis niloticus JF262087
Maylandia zebra JF262085
Chromis viridis HQ286500
Dascyllus trimaculatus JF262087
Pomacentrus amboinensis HQ286506
Pomacentrus coelestis KU745434

estimated
 λ_{max} [nm]



1

F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCG)	Y	A	368-370
F	C	T	F	S	V	Q	A	L	E	S _(TCA)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCA)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	C	T	F	S	V	Q	A	L	E	S _(TCG)	V	S _(TCC)	Y	A	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	S _(TCC)	Y	A	?
F	F	T	F	S	V	Q	A	L	E	A _(GCC)	V	A _(GCC)	Y	A	356-362
F	F	T	F	S	V	Q	A	L	E	A _(GCC)	V	A _(GCC)	Y	G	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	A	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	G	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCA)	V	A _(GCC)	Y	S	
T	F	L	T	S	V	Q	C	L	E	S _(TCT)	V	S _(TCC)	Y	A	?
T	F	L	T	S	V	Q	C	L	E	A _(GCC)	V	S _(TCC)	Y	A	368-370
A	F	F	G	S	V	Q	C	L	E	S _(TCT)	V	S _(TCC)	Y	A	
G	F	T	A	S	V	Q	S	M	E	S _(TCG)	V	S _(TCC)	Y	G	
I	I	T	I	S	V	Q	A	L	E	A _(GCT)	V	A _(GCC)	Y	S	356-362
F	F	T	F	S	V	Q	A	L	E	A _(GCC)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCC)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCC)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A _(GCC)	V	A _(GCC)	Y	S	
F	F	T	F	S	V	Q	A	L	E	A<					