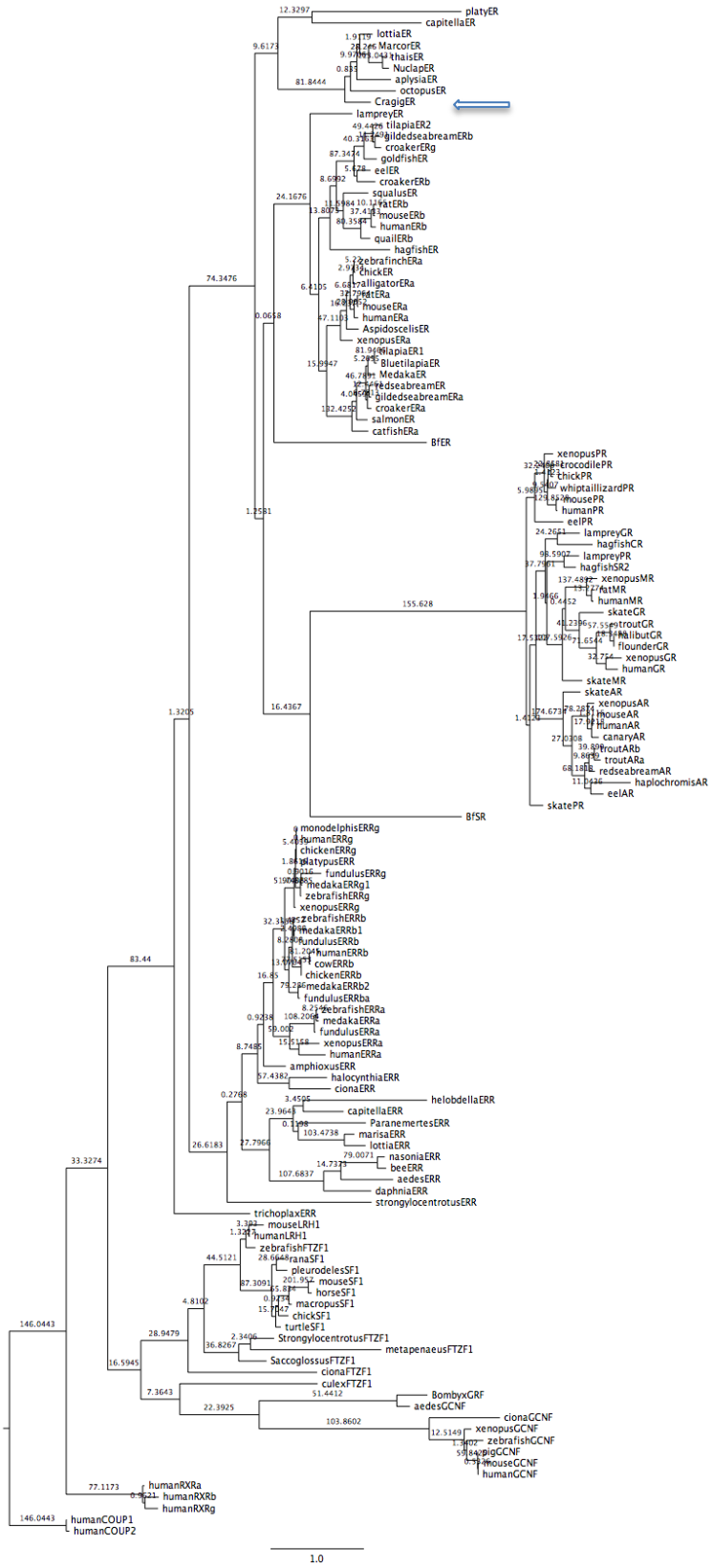
Figure S1


platyER
capitellaER
lottiaER
MarcorER
thaisER
NuclapER
aplysiaER
octopusER
CragigER
lampreyER
tilapiaER2
gildedseabreamERb
croakerERg
goldfishER
eelER
croakerERb
squalusER
ratERb
mouseERb
humanERb
quailERb
hagfishER
zebrafinchERa
chickER
alligatorERa
ratERa
mouseERa
humanERa
AspidoscelisER
xenopusERa
tilapiaER1
BluetilapiaER
MedakaER
redseabreamER
gildedseabreamERa
croakerERa
salmonER
catfishERa
BfER
xenopusPR
crocodilePR
chickPR
whiptaillizardPR
mousePR
humanPR
eelPR
lampreyGR
hagfishCR
lampreyPR
hagfishSR2
xenopusMR
ratMR
humanMR
skateGR
troutGR
halibutGR
flounderGR
xenopusGR
humanGR
skateMR
skateAR
xenopusAR
mouseAR
humanAR
canaryAR
troutARb
troutARa
redseabreamAR
haplochromisAR
eelAR
skatePR
BfSR
monodelphisERRg
humanERRg
chickenERRg
platypusERR
fundulusERRg
medakaERRg1
zebrafishERRg
xenopusERRg
zebrafishERRb
medakaERRb1
fundulusERRb
humanERRb
cowERRb
chickenERRb
medakaERRb2
fundulusERRba
zebrafishERRa
medakaERRa
fundulusERRa
xenopusERRa
humanERRa
amphioxusERR
halocynthiaERR
cionaERR
helobdellaERR
capitellaERR
ParanemertesERR
marisaERR
lottiaERR
nasoniaERR
beeERR
aedesERR
daphniaERR
strongylocentrotusERR
trichoplaxERR
mouseLRH1
humanLRH1
zebrafishFTZF1
ranaSF1
pleurodelesSF1
mouseSF1
horseSF1
macropusSF1
chickSF1
turtleSF1
StrongylocentrotusFTZF1
metapenaeusFTZF1
SaccoglossusFTZF1
cionaFTZF1
culexFTZF1
BombyxGRF
aedesGCNF
cionaGCNF
xenopusGCNF
zebrafishGCNF
pigGCNF
mouseGCNF
humanGCNF
humanRXRa
humanRXRb
humanRXRg
humanCOUP1
humanCOUP2
1.0