

BLAST

Basic Local Alignment Search Tool

[Jump to Page Content](#)
Job Title: EZ024706

Tax BLAST Report

Index

- [Lineage Report](#)
- [Organism Report](#)
- [Taxonomy Report](#)
- [Help](#)

Lineage Report

root		
· Fungi/Metazoa group [eukaryotes]		
· Metazoa [animals]		
· Eumetazoa [animals]		
· Hexacorallia [anthozoans]		
· Scleractinia [stony corals]		
· Acropora millepora -----	1 hit	[stony corals] TSA: Acropora millepora SeqIndex4149, mRNA sequence
· Montastraea franksi -----	1 hit	[stony corals] Montastraea franksi ribosomal protein L12 (RibpL12) mRN
· Anthopleura elegantissima -----	1 hit	[sea anemones] Anthopleura elegantissima ribosomal protein L12 mRNA, c
· Nematostella vectensis -----	1 hit	[sea anemones] Nematostella vectensis predicted protein (NEMVEDRAFT v1
· Microcosmus squamiger -----	1 hit	[tunicates] Microcosmus squamiger partial mRNA for ribosomal protei
· Branchiostoma floridae -----	1 hit	[lancelets] Branchiostoma floridae hypothetical protein, mRNA
· Pediculus humanus corporis (human body louse) -----	1 hit	[lice] Pediculus humanus corporis 60S ribosomal protein L12, p
· Patiria miniata -----	1 hit	[starfish] TSA: Patiria miniata isotig10042.Pminbgast mRNA sequenc
· Phragmatopoma lapidosa -----	1 hit	[segmented worms] Phragmatopoma lapidosa ribosomal-like protein mRNA, com
· Maconellicoccus hirsutus (pink hibiscus mealybug) -----	1 hit	[scale insects] Maconellicoccus hirsutus clone WHMH4004 putative riboso
· Nasonia vitripennis -----	1 hit	[wasps &c.] PREDICTED: Nasonia vitripennis similar to ribosomal pro
· Solea senegalensis -----	1 hit	[bony fishes] Solea senegalensis RPL12 mRNA for ribosomal protein L12
· Ornithodoros parkeri -----	1 hit	[mites & ticks] Ornithodoros parkeri clone OP-85 40S ribosomal protein
· Ixodes scapularis (shoulder tick) -----	2 hits	[mites & ticks] Ixodes scapularis ribosomal protein L12, putative, mRNA
· Dermacentor variabilis -----	1 hit	[mites & ticks] Dermacentor variabilis isolate DVM 40 ribosomal protein
· Acyrthosiphon pisum -----	5 hits	[aphids] TSA: Acyrthosiphon pisum strain LSR1 Contig 60495.Acpii
· Hypophthalmichthys nobilis (noble carp) -----	1 hit	[bony fishes] Hypophthalmichthys nobilis ribosomal protein L12 mRNA, p
· Salmo salar -----	3 hits	[bony fishes] Salmo salar clone ssal-plnb-020-145 60S ribosomal prote
· Rhipicephalus sanguineus -----	1 hit	[mites & ticks] TSA: Rhipicephalus sanguineus RS-401 mRNA sequence
· Tribolium castaneum (rust-red flour beetle) -----	1 hit	[beetles] PREDICTED: Tribolium castaneum similar to ribosomal pro
· Eurythoe complanata -----	1 hit	[segmented worms] Eurythoe complanata ribosomal protein rpl12 mRNA, compl
· Phoronis muelleri -----	1 hit	[phoronid worms] Phoronis muelleri putative 60S ribosomal protein RPL12
· Anopheles gambiae str. PEST -----	1 hit	[flies] Anopheles gambiae str. PEST AGAP010065-PA (AgAp AGAP010
· Anopheles gambiae -----	2 hits	[flies] Single read from an extremity of a full-length cDNA clo
· Timarcha balearica -----	1 hit	[beetles] Timarcha balearica mRNA for ribosomal protein L12e (rpL
· Rhagoletis pomonella -----	1 hit	[flies] TSA: Rhagoletis pomonella contig09541, mRNA sequence
· Saccoglossus kowalevskii -----	1 hit	[hemichordates] PREDICTED: Saccoglossus kowalevskii ribosomal protein L
· Ciona intestinalis -----	2 hits	[tunicates] PREDICTED: Ciona intestinalis similar to predicted prot
· Macaca mulatta (rhesus macaque) -----	5 hits	[primates] PREDICTED: Macaca mulatta 60S ribosomal protein L12-lik
· Scarabaeus laticollis -----	1 hit	[beetles] Scarabaeus laticollis mRNA for ribosomal protein L12e (
· Biphyllus lunatus -----	1 hit	[beetles] Biphyllus lunatus mRNA for ribosomal protein L12e (rpL1
· Drosophila pseudoobscura pseudoobscura -----	1 hit	[flies] Drosophila pseudoobscura pseudoobscura GA16582 (Dpse/GA
· Drosophila persimilis -----	1 hit	[flies] Drosophila persimilis GL11659 (Dper/GL11659), mRNA
· Sarcophaga crassipalpis -----	1 hit	[flies] TSA: Sarcophaga crassipalpis HAHN.FLY.99.C1 mRNA sequen
· Argopecten irradians -----	1 hit	[bivalves] Argopecten irradians isolate iolsaic1413ct453cn476 ribo
· Schistosoma japonicum -----	8 hits	[flatworms] Schistosoma japonicum isolate Anhui full length mRNA cl
· Drosophila mojavensis -----	1 hit	[flies] Drosophila mojavensis GI18857 (Dmoj\GI18857), mRNA
· Anopheles funestus -----	1 hit	[flies] Anopheles funestus clone AF-44 ribosomal protein L12 mR
· Rattus norvegicus (brown rat) -----	4 hits	[rodents] PREDICTED: Rattus norvegicus similar to 60S ribosomal p
· Drosophila virilis -----	1 hit	[flies] Drosophila virilis GJ20445 (Dvir\GJ20445), mRNA
· Flustra foliacea -----	1 hit	[bryozoans] Flustra foliacea putative 60S ribosomal protein RPL12 m
· Rattus rattus (roof rat) -----	1 hit	[rodents] Rat mRNA for ribosomal protein L12
· Mustela putorius furo (ferret) -----	1 hit	[carnivores] TSA: Mustela putorius furo Ferret cl444, complete seque
· Mus musculus (mouse) -----	14 hits	[rodents] Mus musculus predicted pseudogene 10275 (Gm10275) on ch
· Pongo abelii (Orang-utan) -----	4 hits	[primates] PREDICTED: Pongo abelii 60S ribosomal protein L12-like,
· Callithrix jacchus (common marmoset) -----	1 hit	[primates] PREDICTED: Callithrix jacchus 60S ribosomal protein L12
· Pan troglodytes -----	3 hits	[primates] PREDICTED: Pan troglodytes similar to 60S ribosomal pro
· Homo sapiens (man) -----	5 hits	[primates] Homo sapiens cDNA clone IMAGE:6597277, **** WARNING: ch
· Trichoplax adhaerens -----	1 hit	[placozoans] Trichoplax adhaerens expressed hypothetical protein, mR
· Suberites domuncula -----	1 hit	[sponges] Suberites domuncula L12 mRNA, complete cds
· Coprinopsis cinerea okayama7#130 -----	1 hit	[basidiomycetes] Coprinopsis cinerea okayama7#130 SeqLit ribosomal prote
· Schizophyllum commune H4-8 -----	1 hit	[basidiomycetes] Schizophyllum commune H4-8 hypothetical protein, mRNA
· Laccaria bicolor S238N-H82 -----	1 hit	[basidiomycetes] Laccaria bicolor S238N-H82 hypothetical protein partial
· synthetic construct -----	2 hits	[other sequences] Synthetic construct Homo sapiens clone FLH029540.01L ri

Organism Report

Acropora millepora [stony corals] taxid 45264 gb EZ024706.1 TSA: Acropora millepora SeqIndex4149, mRNA ...	0.0
Anthopleura elegantissima [sea anemones] taxid 6110 gb DQ314616.1 Anthopleura elegantissima ribosomal protein...	0.0
Microcosmus squamiger [tunicates] taxid 439822 emb FN984766.1 Microcosmus squamiger partial mRNA for rib...	0.0
Branchiostoma floridae [lancelets] taxid 7739 ref XM_002591796.1 Branchiostoma floridae hypothetical pr...	0.0
Pediculus humanus corporis (human body louse) [lice] taxid 121224 ref XM_002425415.1 Pediculus humanus corporis 60S ribosom...	0.0
Patiria miniata [starfish] taxid 46514 gb HP092325.1 TSA: Patiria miniata isotig10042.Pminbgast ...	0.0
Nematostella vectensis [sea anemones] taxid 45351 ref XM_001641997.1 Nematostella vectensis predicted prote...	0.0
Phragmatopoma lapidosa [segmented worms] taxid 341668 gb GQ455407.1 Phragmatopoma lapidosa ribosomal-like prote...	0.0
Maconellicoccus hirsutus (pink hibiscus mealybug, ...) [scale insects] taxid 177089	

[gb|EF070571.1|](#) *Maconellicoccus hirsutus* clone WHMH4004 put... 0.0
[Nasonia vitripennis](#) [wasps &c.] taxid 7425
[ref|XM 001605592.1|](#) PREDICTED: *Nasonia vitripennis* similar... 0.0
[Solea senegalensis](#) [bony fishes] taxid 28829
[dbj|AB374947.1|](#) *Solea senegalensis* RPL12 mRNA for ribosoma... 0.0
[Trichoplax adhaerens](#) [placozoans] taxid 10228
[ref|XM 002108586.1|](#) *Trichoplax adhaerens* expressed hypothe... 0.0
[Ornithodoros parkeri](#) [mites & ticks] taxid 140564
[gb|EF633964.1|](#) *Ornithodoros parkeri* clone OP-85 40S riboso... 0.0
[Ixodes scapularis](#) (shoulder tick, ...) [mites & ticks] taxid 6945
[ref|XM 002433985.1|](#) *Ixodes scapularis* ribosomal protein L1... 0.0
[gb|DQ066203.1|](#) *Ixodes scapularis* isolate ISUFL56 ribosomal... 0.0
[Dermacentor variabilis](#) [mites & ticks] taxid 34621
[gb|EU551645.1|](#) *Dermacentor variabilis* isolate DvM 40 ribos... 0.0
[Coprinopsis cinerea okayama7#130](#) [basidiomycetes] taxid 240176
[ref|XM 001830397.2|](#) *Coprinopsis cinerea* okayama7#130 SeqLi... 0.0
[Acyrtosiphon pisum](#) [aphids] taxid 7029
[gb|HP395106.1|](#) TSA: *Acyrtosiphon pisum* strain LSR1 Contig... 0.0
[gb|HP301142.1|](#) TSA: *Acyrtosiphon pisum* strain LSR1 Contig... 0.0
[dbj|AK340119.1|](#) *Acyrtosiphon pisum* ACYPI000059 mRNA, clon... 0.0
[ref|NM 001126171.2|](#) *Acyrtosiphon pisum* ribosomal protein ... 0.0
[gb|DQ416025.1|](#) *Acyrtosiphon pisum* putative ribosomal prot... 0.0
[Hypophthalmichthys nobilis](#) (noble carp, ...) [bony fishes] taxid 7965
[gb|HM146124.1|](#) *Hypophthalmichthys nobilis* ribosomal protei... 0.0
[Salmo salar](#) [bony fishes] taxid 8030
[gb|BT048569.2|](#) *Salmo salar* clone ssal-plnb-020-145 60S rib... 0.0
[gb|BT056663.1|](#) *Salmo salar* clone ssal-rgb2-526-129 60S rib... 0.0
[gb|BT043744.1|](#) *Salmo salar* clone HM6_0646 ribosomal protei... 0.0
[Rhipicephalus sanguineus](#) [mites & ticks] taxid 34632
[gb|EZ406119.1|](#) TSA: *Rhipicephalus sanguineus* RS-401 mRNA s... 0.0
[Tribolium castaneum](#) (rust-red flour beetle) [beetles] taxid 7070
[ref|XM 970437.2|](#) PREDICTED: *Tribolium castaneum* similar to... 0.0
[Eurythoe complanata](#) [segmented worms] taxid 167815
[gb|EU125012.1|](#) *Eurythoe complanata* ribosomal protein rpl12... 0.0
[Schizophyllum commune H4-8](#) [basidiomycetes] taxid 578458
[ref|XM 003029870.1|](#) *Schizophyllum commune* H4-8 hypothetica... 0.0
[Phoronis muelleri](#) [phoronid worms] taxid 478209
[gb|EU558362.1|](#) *Phoronis muelleri* putative 60S ribosomal pr... 0.0
[Anopheles gambiae str. PEST](#) [flies] taxid 180454
[ref|XM 319222.4|](#) *Anopheles gambiae* str. PEST AGAP010065-PA... 0.0
[Anopheles gambiae](#) [flies] taxid 7165
[emb|BX063995.1|](#) Single read from an extremity of a full-le... 0.0
[emb|BX009066.1|](#) Single read from an extremity of a full-le... 0.0
[Suberites domuncula](#) [sponges] taxid 55567
[gb|AY857425.1|](#) *Suberites domuncula* L12 mRNA, complete cds 0.0
[Timarcha balearica](#) [beetles] taxid 79517
[emb|AM049032.1|](#) *Timarcha balearica* mRNA for ribosomal prot... 0.0
[Rhaagoletis pomonella](#) [flies] taxid 28610
[gb|EZ125760.1|](#) TSA: *Rhaagoletis pomonella* contig09541, mRNA... 0.0
[Saccoglossus kowalevskii](#) [hemichordates] taxid 10224
[ref|XM 002741431.1|](#) PREDICTED: *Saccoglossus kowalevskii* ri... 0.0
[Ciona intestinalis](#) [tunicates] taxid 7719
[ref|XM 002131525.1|](#) PREDICTED: *Ciona intestinalis* similar ... 0.0
[dbj|AK113209.1|](#) *Ciona intestinalis* cDNA, clone:ciad015019,... 0.0
[Macaca mulatta](#) (rhesus macaque, ...) [primates] taxid 9544
[ref|XR 014217.2|](#) PREDICTED: *Macaca mulatta* 60S ribosomal p... 0.0
[ref|NM 001193560.1|](#) *Macaca mulatta* ribosomal protein L12 (... 0.0
[ref|XM 001114984.2|](#) PREDICTED: *Macaca mulatta* 60S ribosoma... 0.0
[ref|XM 002801377.1|](#) PREDICTED: *Macaca mulatta* 60S ribosoma... 0.0
[ref|XM 002801376.1|](#) PREDICTED: *Macaca mulatta* 60S ribosoma... 0.0
[Laccaria bicolor S238N-H82](#) [basidiomycetes] taxid 486041
[ref|XM 001880189.1|](#) *Laccaria bicolor* S238N-H82 hypothetica... 0.0
[Scarabaeus laticollis](#) [beetles] taxid 292456
[emb|AM049030.1|](#) *Scarabaeus laticollis* mRNA for ribosomal p... 0.0
[Biphyllus lunatus](#) [beetles] taxid 197003
[emb|AM049028.1|](#) *Biphyllus lunatus* mRNA for ribosomal prote... 0.0
[Drosophila pseudoobscura pseudoobscura](#) [flies] taxid 46245
[ref|XM 001360854.2|](#) *Drosophila pseudoobscura pseudoobscura*... 0.0
[Drosophila persimilis](#) [flies] taxid 7234
[ref|XM 002016543.1|](#) *Drosophila persimilis* GL11659 (Dper\GL... 0.0
[Sarcophaga crassipalpis](#) [flies] taxid 59312
[gb|EZ597013.1|](#) TSA: *Sarcophaga crassipalpis* HAHN.FLY.99.C1... 0.0
[Argopecten irradians](#) [bivalves] taxid 31199
[gb|AF526229.1|](#) *Argopecten irradians* isolate iolsaic1413ct4... 0.0
[Schistosoma japonicum](#) [flatworms] taxid 6182
[emb|FN315220.1|](#) *Schistosoma japonicum* isolate Anhui full l... 0.0
[emb|FN315219.1|](#) *Schistosoma japonicum* isolate Anhui full l... 0.0

emb FN320441.1 	Schistosoma japonicum isolate Anhui full l...	0.0
emb FN320440.1 	Schistosoma japonicum isolate Anhui full l...	0.0
emb FN320439.1 	Schistosoma japonicum isolate Anhui full l...	0.0
emb FN320438.1 	Schistosoma japonicum isolate Anhui full l...	0.0
emb FN320436.1 	Schistosoma japonicum isolate Anhui full l...	0.0
gb AY814172.1 	Schistosoma japonicum SJCHGC06254 protein m...	0.0
Montastraea franksi [stony corals] taxid 48499		
gb FJ790233.1 	Montastraea franksi ribosomal protein L12 (...)	0.0
Drosophila mojavensis [flies] taxid 7230		
ref XM_002005813.1 	Drosophila mojavensis GI18857 (Dmoj\GI...	0.0
Anopheles funestus [flies] taxid 62324		
gb DQ910352.1 	Anopheles funestus clone AF-44 ribosomal pr...	0.0
Rattus norvegicus (brown rat, ...) [rodents] taxid 10116		
ref XM_001056336.2 	PREDICTED: Rattus norvegicus similar t...	0.0
ref XM_002727523.1 	PREDICTED: Rattus norvegicus similar t...	0.0
gb BC166903.1 	Rattus norvegicus similar to 60S ribosomal ...	0.0
ref NM_001109198.1 	Rattus norvegicus similar to 60S ribosom...	0.0
Drosophila virilis [flies] taxid 7244		
ref XM_002049947.1 	Drosophila virilis GJ20445 (Dvir\GJ204...	0.0
Flustra foliacea [bryozoans] taxid 478208		
gb EU139209.1 	Flustra foliacea putative 60S ribosomal pro...	0.0
Rattus rattus (roof rat, ...) [rodents] taxid 10117		
emb X53504.1 	Rat mRNA for ribosomal protein L12	0.0
Mustela putorius furo (ferret, ...) [carnivores] taxid 9669		
gb EZ457883.1 	TSA: Mustela putorius furo Ferret_c1444, co...	0.0
Mus musculus (mouse) [rodents] taxid 10090		
ref NG_004759.6 	Mus musculus predicted pseudogene 10275 (...)	0.0
ref NG_007061.2 	Mus musculus predicted gene 9396 (Gm9396)...	0.0
ref NM_009076.3 	Mus musculus ribosomal protein L12 (Rp112...	0.0
gb AC121149.12 	Mus musculus chromosome 3, clone RP24-383A...	0.0
gb BC081469.1 	Mus musculus ribosomal protein L12, mRNA (c...	0.0
gb AC164078.4 	Mus musculus chromosome 3, clone RP23-123C1...	0.0
gb AC166262.3 	Mus musculus BAC RP23-256D10 (Roswell Park...	0.0
dbj AK150318.1 	Mus musculus bone marrow macrophage cDNA, ...	0.0
dbj AK168121.1 	Mus musculus CRL-1722 L5178Y-R cDNA, RIKEN...	0.0
dbj AK144905.1 	Mus musculus lung RCB-0558 LLC cDNA, RIKEN...	0.0
dbj AK151592.1 	Mus musculus bone marrow macrophage cDNA, ...	0.0
dbj AK151532.1 	Mus musculus bone marrow macrophage cDNA, ...	0.0
gb BC090393.1 	Mus musculus ribosomal protein L12, mRNA (c...	0.0
gb AC118620.10 	Mus musculus chromosome 3, clone RP24-571H...	0.0
Pongo abelii (Orang-utan, ...) [primates] taxid 9601		
ref XM_002821249.1 	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002821248.1 	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002821247.1 	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002820230.1 	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
Callithrix jacchus (common marmoset, ...) [primates] taxid 9483		
ref XM_002754372.1 	PREDICTED: Callithrix jacchus 60S ribo...	0.0
Pan troglodytes [primates] taxid 9598		
ref XM_528436.2 	PREDICTED: Pan troglodytes similar to 60S...	0.0
ref XM_001137362.1 	PREDICTED: Pan troglodytes similar to ...	0.0
ref XM_516562.2 	PREDICTED: Pan troglodytes similar to rib...	0.0
Homo sapiens (man) [primates] taxid 9606		
gb BC085006.1 	Homo sapiens cDNA clone IMAGE:6597277, ****...	0.0
gb BC071921.1 	Homo sapiens cDNA clone IMAGE:6423605, ****...	0.0
gb BC001802.1 	Homo sapiens cDNA clone IMAGE:3355546, ****...	0.0
emb CR625201.1 	full-length cDNA clone CS0DC011Y115 of Neu...	0.0
emb CR622190.1 	full-length cDNA clone CS0DL009Y118 of B c...	0.0
synthetic construct [other sequences] taxid 32630		
gb AY891709.1 	Synthetic construct Homo sapiens clone FLH0...	0.0
gb AY889175.1 	Synthetic construct Homo sapiens clone FLH0...	0.0

Taxonomy Report

root	100 hits	54 orgs
. Fungi/Metazoa group	98 hits	53 orgs [cellular organisms; Eukaryota]
. . Metazoa	95 hits	50 orgs
. . . Eumetazoa	93 hits	48 orgs
. . . . Hexacorallia	4 hits	4 orgs [Cnidaria; Anthozoa]
. . . . Scleractinia	2 hits	2 orgs
. Acropora millepora	1 hits	1 orgs [Astrocoeniina; Acroporidae; Acropora]
. Montastraea franksi	1 hits	1 orgs [Faviina; Faviidae; Montastraea]
. Actiniaria	2 hits	2 orgs
. Anthopleura elegantissima	1 hits	1 orgs [Nynantheae; Actiniidae; Anthopleura]
. Nematostella vectensis	1 hits	1 orgs [Edwardsiidae; Nematostella]
. . . Bilateria	89 hits	44 orgs
. . . . Coelomata	81 hits	43 orgs
. Deuterostomia	49 hits	17 orgs
. Chordata	47 hits	15 orgs
. Ascidiacea	3 hits	2 orgs [Tunicata]
. Microcosmus squamiger	1 hits	1 orgs [Stolidobranchia; Pyuridae; Microcosmus]
. Ciona intestinalis	2 hits	1 orgs [Enterogona; Phlebobranchia; Cionidae; Ciona]
. Branchiostoma floridae	1 hits	1 orgs [Cephalochordata; Branchiostomidae; Branchiostoma]
. Euteleostomi	43 hits	12 orgs [Craniata; Vertebrata; Gnathostomata; Teleostomi]
. Clupeocephala	5 hits	3 orgs [Actinopterygii; Actinopteri; Neopterygii; Teleostei; E
. Euteleostei	4 hits	2 orgs
. Solea senegalensis	1 hits	1 orgs [Neognathi; Neoteleostei; Eurypterygii; Ctenosquamata; .
. Salmo salar	3 hits	1 orgs [Protacanthopterygii; Salmoniformes; Salmonidae; Salmo]
. Hypophthalmichthys nobilis	1 hits	1 orgs [Otocephala; Ostariophysi; Otophysi; Cypriniformes; Cypr
. Eutheria	38 hits	9 orgs [Sarcopterygii; Tetrapoda; Amniota; Mammalia; Theria]
. Euarchontoglires	37 hits	8 orgs
. Simiiformes	18 hits	5 orgs [Primates; Haplorrhini]
. Catarrhini	17 hits	4 orgs
. Macaca mulatta	5 hits	1 orgs [Cercopithecoidea; Cercopithecidae; Cercopithecinae; Ma
. Hominidae	12 hits	3 orgs [Hominoidea]
. Pongo abelii	4 hits	1 orgs [Ponginae; Pongo]

..... Homininae	8 hits	2 orgs
..... Pan troglodytes	3 hits	1 orgs [Pan]
..... Homo sapiens	5 hits	1 orgs [Homo]
..... Callithrix jacchus	1 hits	1 orgs [Platyrrhini; Cebidae; Callitrichinae; Callithrix]
..... Murinae	19 hits	3 orgs [Glires; Rodentia; Sciurognathi; Muroidea; Muridae]
..... Rattus	5 hits	2 orgs
..... Rattus norvegicus	4 hits	1 orgs
..... Rattus rattus	1 hits	1 orgs
..... Mus musculus	14 hits	1 orgs [Mus; Mus]
..... Mustela putorius furo	1 hits	1 orgs [Laurasiatheria; Carnivora; Caniformia; Mustelidae; Mus]
..... Patiria miniata	1 hits	1 orgs [Echinodermata; Eleutherozoa; Asterozoa; Asteroidea; Va]
..... Saccoglossus kowalevskii	1 hits	1 orgs [Hemichordata; Enteropneusta; Harrimaniidae; Saccogloss]
..... Protostomia	32 hits	26 orgs
..... Arthropoda	27 hits	21 orgs [Panarthropoda]
..... Neoptera	22 hits	17 orgs [Mandibulata; Pancrustacea; Hexapoda; Insecta; Dicondyl]
..... Paraneoptera	7 hits	3 orgs
..... Pediculus humanus corporis	1 hits	1 orgs [Phthiraptera; Anoplura; Pediculidae; Pediculus; Pedicu]
..... Aphidiformes	6 hits	2 orgs [Hemiptera; Sternorrhyncha]
..... Maconellicoccus hirsutus	1 hits	1 orgs [Coccoidea; Pseudococcidae; Maconellicoccus]
..... Acyrthosiphon pisum	5 hits	1 orgs [Aphidomorpha; Aphidoidea; Aphididae; Aphidinae; Macros]
..... Endopterygota	15 hits	14 orgs
..... Nasonia vitripennis	1 hits	1 orgs [Hymenoptera; Apocrita; Chalcidoidea group; Chalcidoide]
..... Polyphaga	4 hits	4 orgs [Coleoptera]
..... Cucujiformia	3 hits	3 orgs
..... Tribolium castaneum	1 hits	1 orgs [Tenebrionoidea; Tenebrionidae; Tribolium]
..... Timarcha balearica	1 hits	1 orgs [Chrysomeloidea; Chrysomelidae; Chrysomelinae; Timarchi]
..... Biphyllus lunatus	1 hits	1 orgs [Cucujoidea; Biphyllidae; Biphyllus]
..... Scarabaeus laticollis	1 hits	1 orgs [Scarabaeiformia; Scarabaeoidea; Scarabaeidae; Scarabae]
..... Diptera	10 hits	9 orgs
..... Cellia	4 hits	3 orgs [Nematocera; Culicimorpha; Culicoidea; Culicidae; Anoph]
..... gambiae species complex	3 hits	2 orgs [Pyretophorus]
..... Anopheles gambiae	3 hits	2 orgs
..... Anopheles gambiae str. PEST	1 hits	1 orgs
..... Anopheles funestus	1 hits	1 orgs [Myzomyia; funestus group; funestus subgroup]
..... Schizophora	6 hits	6 orgs [Brachycera; Muscomorpha; Eremoneura; Cyclorrhapha]
..... Acalypttratae	5 hits	5 orgs
..... Rhagoletis pomonella	1 hits	1 orgs [Tephritoidea; Tephritidae; Trypetinae; Carpomyini; Car]
..... Drosophila	4 hits	4 orgs [Ephydroidea; Drosophilidae; Drosophilinae; Drosophilin]
..... pseudoobscura subgroup	2 hits	2 orgs [Sophophora; obscura group]
..... Drosophila pseudoobscura pseudoobscura	1 hits	1 orgs [Drosophila pseudoobscura]
..... Drosophila persimilis	1 hits	1 orgs
..... Drosophila	2 hits	2 orgs
..... Drosophila mojavensis	1 hits	1 orgs [repleta group; mulleri subgroup; mojavensis species co]
..... Drosophila virilis	1 hits	1 orgs [virilis group]
..... Sarcophaga crassipalpis	1 hits	1 orgs [Calypttratae; Oestroidea; Sarcophagidae; Sarcophaginae;]
..... Ixodoidea	5 hits	4 orgs [Chelicerata; Arachnida; Acari; Parasitiformes; Ixodida]
..... Ornithodoros parkeri	1 hits	1 orgs [Argasidae; Ornithodorinae; Ornithodoros]
..... Ixodidae	4 hits	3 orgs
..... Ixodes scapularis	2 hits	1 orgs [Ixodinae; Ixodes]
..... Rhipicephalinae	2 hits	2 orgs
..... Dermacentor variabilis	1 hits	1 orgs [Dermacentor]
..... Rhipicephalus sanguineus	1 hits	1 orgs [Rhipicephalus; Rhipicephalus; Rhipicephalus sanguineus]
..... Palpata	2 hits	2 orgs [Annelida/Echiura/Pogonophora group; Annelida; Polychae]
..... Phragmatopoma lapidosa	1 hits	1 orgs [Canalipalpata; Sabellida; Sabellariidae; Phragmatopoma]
..... Eurythoe complanata	1 hits	1 orgs [Aciculata; Eunicida; Amphinomidae; Eurythoe]
..... Phoronis muelleri	1 hits	1 orgs [Brachiopoda; Phoroniformea; Phoronis]
..... Argopecten irradians	1 hits	1 orgs [Mollusca; Bivalvia; Pteriomorpha; Pectinoida; Pectino]
..... Flustra foliacea	1 hits	1 orgs [Bryozoa; Gymnolaemata; Cheilostomatida; Anasca; Flustr]
..... Schistosoma japonicum	8 hits	1 orgs [Acoelomata; Platyhelminthes; Trematoda; Digenea; Strig]
..... Trichoplax adhaerens	1 hits	1 orgs [Placozoa; Trichoplax]
..... Suberites domuncula	1 hits	1 orgs [Porifera; Demospongiae; Tetractinomorpha; Hadromerida;]
..... Agaricales	3 hits	3 orgs [Fungi; Dikarya; Basidiomycota; Agaricomycotina; Agaric]
..... Coprinopsis cinerea okayama7#130	1 hits	1 orgs [Psathyrellaceae; Coprinopsis; Coprinopsis cinerea]
..... Schizophyllum commune H4-8	1 hits	1 orgs [Schizophyllaceae; Schizophyllum; Schizophyllum commune]
..... Laccaria bicolor S238N-H82	1 hits	1 orgs [Tricholomataceae; Laccaria; Laccaria bicolor]
..... synthetic construct	2 hits	1 orgs [other sequences; artificial sequences]

BLAST

Basic Local Alignment Search Tool

[Jump to Page Content](#)

Job Title: (2) - EZ040625

Tax BLAST Report

Index

- [Lineage Report](#)
- [Organism Report](#)
- [Taxonomy Report](#)
- [Help](#)

Lineage Report

root		
· Metazoa	[animals]	
· Eumetazoa	[animals]	
· Cnidaria	[cnidarians]	
· Hexacorallia	[anthozoans]	
· Acropora millepora	-----	1 hit [stony corals]
· Nematostella vectensis	-----	1 hit [sea anemones]
· Hydra magnipapillata	-----	1 hit [hydrozoans]
· Eurythoe complanata	-----	1 hit [segmented worms]
· Taeniopygia guttata (zebra finch)	-----	7 hits [birds]
· Schistosoma mansoni	-----	1 hit [flatworms]
· Strongylocentrotus purpuratus (purple urchin)	-----	2 hits [sea urchins]
· Tribolium castaneum (rust-red flour beetle)	-----	1 hit [beetles]
· Ciona intestinalis	-----	1 hit [tunicates]
· Schistosoma japonicum	-----	1 hit [flatworms]
· Nasonia vitripennis	-----	1 hit [wasps &c.]
· Oncorhynchus masou formosanus (Taiwan salmon)	-----	1 hit [bony fishes]
· Gallus gallus (bantam)	-----	1 hit [birds]
· Oncorhynchus mykiss	-----	1 hit [bony fishes]
· Salmo salar	-----	9 hits [bony fishes]
· Anoplopoma fimbria	-----	1 hit [bony fishes]
· Xenopus laevis (common platanna)	-----	2 hits [frogs & toads]
· Solea senegalensis	-----	2 hits [bony fishes]
· Homo sapiens (man)	-----	15 hits [primates]
· Branchiostoma floridae	-----	1 hit [lancelets]
· Ornithoctonus huwena (Chinese golden earth t...)	-----	1 hit [spiders]
· Gasterosteus aculeatus (three spined stickleback)	-----	1 hit [bony fishes]
· Pan troglodytes	-----	13 hits [primates]
· Xenopus (Silurana) tropicalis	-----	6 hits [frogs & toads]
· Bos taurus (cow)	-----	3 hits [even-toed ungulates]
· Ictalurus furcatus	-----	1 hit [bony fishes]
· Monodelphis domestica	-----	1 hit [marsupials]
· Platicthys flesus	-----	1 hit [bony fishes]
· Sus scrofa (wild boar)	-----	2 hits [even-toed ungulates]
· Callithrix jacchus (common marmoset)	-----	2 hits [primates]
· Lycosa singoriensis	-----	1 hit [spiders]
· Macaca fascicularis (cynomolgus monkey)	-----	2 hits [primates]
· Macaca mulatta (rhesus macaque)	-----	1 hit [primates]
· Ailuropoda melanoleuca	-----	1 hit [carnivores]
· Pongo abelii (Orang-utan)	-----	9 hits [primates]
· Equus caballus (equine)	-----	1 hit [odd-toed ungulates]
· Trichoplax adhaerens	-----	1 hit [placozoans]
· Suberites domuncula	-----	1 hit [sponges]
· synthetic construct	-----	4 hits [other sequences]

Organism Report

Acropora millepora [stony corals] taxid 45264	
gb EZ040625.1 TSA: Acropora millepora SeqIndex8015, mRNA ...	0.0
Nematostella vectensis [sea anemones] taxid 45351	
ref XM_001630762.1 Nematostella vectensis predicted prote...	0.0
Eurythoe complanata [segmented worms] taxid 167815	
gb EU125014.1 Eurythoe complanata ribosomal protein rpl13...	0.0
Taeniopygia guttata (zebra finch) [birds] taxid 59729	
gb DQ216005.1 Taeniopygia guttata clone 0058P0011D10 puta...	0.0
gb DQ216004.1 Taeniopygia guttata clone 0058P0006F05 puta...	0.0
gb DQ216003.1 Taeniopygia guttata clone 0058P0045E08 ribo...	0.0
gb DQ216000.1 Taeniopygia guttata clone 0058P0016A02 puta...	0.0
gb DQ216006.1 Taeniopygia guttata clone 0061P0024G09 puta...	0.0
gb DQ216002.1 Taeniopygia guttata clone 0058P0010A09 ribo...	0.0
gb DQ216001.1 Taeniopygia guttata clone 0058P0049C02 puta...	0.0
Trichoplax adhaerens [placozoans] taxid 10228	
ref XM_002112857.1 Trichoplax adhaerens expressed hypothe...	0.0
Schistosoma mansoni [flatworms] taxid 6183	
ref XM_002580005.1 Schistosoma mansoni 60S ribosomal prot...	0.0
Suberites domuncula [sponges] taxid 55567	
gb AY857427.1 Suberites domuncula L13a mRNA, complete cds	0.0
Strongylocentrotus purpuratus (purple urchin, ...) [sea urchins] taxid 7668	
ref XM_001177209.1 PREDICTED: Strongylocentrotus purpurat...	0.0
ref XM_779422.2 PREDICTED: Strongylocentrotus purpuratus ...	0.0
Tribolium castaneum (rust-red flour beetle) [beetles] taxid 7070	
ref XM_969211.2 PREDICTED: Tribolium castaneum similar to...	0.0
Ciona intestinalis [tunicates] taxid 7719	
dbj AK174254.1 Ciona intestinalis cDNA, clone:cic1013b04,...	0.0
Schistosoma japonicum [flatworms] taxid 6182	
gb AY815942.1 Schistosoma japonicum SJCHGC04249 protein m...	0.0

[Nasonia vitripennis](#) [[wasps &c.](#)] [taxid 7425](#)
[ref|XM 001607808.1|](#) PREDICTED: Nasonia vitripennis similar... 0.0

[Oncorhynchus masou formosanus](#) (Taiwan salmon) [[bony fishes](#)] [taxid 173242](#)
[gb|EU325865.1|](#) Oncorhynchus masou formosanus ribosomal pro... 0.0

[Hydra magnipapillata](#) [[hydrozoans](#)] [taxid 6085](#)
[ref|XM 002162001.1|](#) PREDICTED: Hydra magnipapillata simila... 0.0

[Gallus gallus](#) (bantam, ...) [[birds](#)] [taxid 9031](#)
[emb|BX931917.1|](#) Gallus gallus finished cDNA, clone ChEST79... 0.0

[Oncorhynchus mykiss](#) [[bony fishes](#)] [taxid 8022](#)
[gb|EZ905903.1|](#) TSA: Oncorhynchus mykiss 142569.Onmycontig ... 0.0

[Salmo salar](#) [[bony fishes](#)] [taxid 8030](#)
[gb|BT060382.1|](#) Salmo salar clone ssal-rgH-518-022 60S ribo... 0.0
[gb|BT060180.1|](#) Salmo salar clone ssal-rgH-507-303 60S ribo... 0.0
[gb|BT059935.1|](#) Salmo salar clone ssal-rgg-510-349 60S ribo... 0.0
[gb|BT058667.1|](#) Salmo salar clone Contig3117 60S ribosomal ... 0.0
[gb|BT058473.1|](#) Salmo salar clone Contig1152 60S ribosomal ... 0.0
[gb|BT058235.1|](#) Salmo salar clone Contig2288 60S ribosomal ... 0.0
[gb|BT048067.1|](#) Salmo salar clone ssal-eve-575-212 60S ribo... 0.0
[gb|BT044039.1|](#) Salmo salar clone HM6_0617 ribosomal protei... 0.0
[gb|BT044023.1|](#) Salmo salar clone HM6_0789 ribosomal protei... 0.0

[Anoplopoma fimbria](#) [[bony fishes](#)] [taxid 229290](#)
[gb|BT082277.1|](#) Anoplopoma fimbria clone afim-evh-508-275 6... 0.0

[Xenopus laevis](#) (common platanna, ...) [[frogs & toads](#)] [taxid 8355](#)
[ref|NM 001086661.1|](#) Xenopus laevis ribosomal protein L13a ... 0.0
[gb|BC043976.1|](#) Xenopus laevis ribosomal protein L13a, mRNA... 0.0

[Solea senegalensis](#) [[bony fishes](#)] [taxid 28829](#)
[dbj|AB360597.1|](#) Solea senegalensis RPL13a mRNA for ribosom... 0.0
[dbj|AB374949.1|](#) Solea senegalensis RPL13a-likel mRNA for r... 0.0

[Homo sapiens](#) (man) [[primates](#)] [taxid 9606](#)
[gb|BC071921.1|](#) Homo sapiens cDNA clone IMAGE:6423605, ****... 0.0
[gb|BC062537.1|](#) Homo sapiens ribosomal protein L13a, mRNA (... 0.0
[dbj|AK291120.1|](#) Homo sapiens cDNA FLJ75551 complete cds, h... 0.0
[emb|CR625138.1|](#) full-length cDNA clone CS0DI071YK05 of Pla... 0.0
[emb|CR623949.1|](#) full-length cDNA clone CS0DE014YH06 of Pla... 0.0
[emb|CR622930.1|](#) full-length cDNA clone CS0DE004YD03 of Pla... 0.0
[emb|CR622697.1|](#) full-length cDNA clone CS0DL002YH12 of B c... 0.0
[emb|CR622347.1|](#) full-length cDNA clone CS0DI069YJ19 of Pla... 0.0
[emb|CR622131.1|](#) full-length cDNA clone CS0DI075YJ21 of Pla... 0.0
[emb|CR620187.1|](#) full-length cDNA clone CS0DE001YC16 of Pla... 0.0
[emb|CR619845.1|](#) full-length cDNA clone CS0DI058YC16 of Pla... 0.0
[emb|CR618372.1|](#) full-length cDNA clone CS0DD008YF03 of Neu... 0.0
[emb|CR618336.1|](#) full-length cDNA clone CS0DC008YA18 of Neu... 0.0
[emb|CR618182.1|](#) full-length cDNA clone CS0DG002YE04 of B c... 0.0
[emb|CR616905.1|](#) full-length cDNA clone CS0DI065YB06 of Pla... 0.0

[Branchiostoma floridae](#) [[lancelets](#)] [taxid 7739](#)
[ref|XM 002590712.1|](#) Branchiostoma floridae hypothetical pr... 0.0

[Ornithoctonus huwena](#) (Chinese golden earth tiger, ...) [[spiders](#)] [taxid 29017](#)
[gb|EU979484.1|](#) Ornithoctonus huwena clone HWE499 60S ribos... 0.0

[Gasterosteus aculeatus](#) (three spined stickleback) [[bony fishes](#)] [taxid 69293](#)
[gb|BT026683.1|](#) Gasterosteus aculeatus clone CEC39-G07 mRNA... 0.0

[synthetic construct](#) [[other sequences](#)] [taxid 32630](#)
[gb|EU831455.1|](#) Synthetic construct Homo sapiens clone HAIB... 0.0
[gb|EU831542.1|](#) Synthetic construct Homo sapiens clone HAIB... 0.0
[gb|HQ447707.1|](#) Synthetic construct Homo sapiens clone IMAG... 0.0
[dbj|AB529025.1|](#) Synthetic construct DNA, clone: pF1KB3388,... 0.0

[Pan troglodytes](#) [[primates](#)] [taxid 9598](#)
[ref|XM 001172807.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[ref|XM 001167468.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[ref|XM 001172844.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[gb|AC191221.3|](#) Pan troglodytes BAC clone CH251-653E5 from ... 0.0
[ref|XM 001172799.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[ref|XM 001172778.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[ref|XM 001172856.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[ref|XM 512821.2|](#) PREDICTED: Pan troglodytes similar to rib... 0.0
[ref|XM 001172865.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[ref|XM 511050.2|](#) PREDICTED: Pan troglodytes similar to 23 ... 0.0
[ref|XM 001167494.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[ref|XM 001154037.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0
[ref|XM 001154104.1|](#) PREDICTED: Pan troglodytes similar to ... 0.0

[Xenopus \(Silurana\) tropicalis](#) [[frogs & toads](#)] [taxid 8364](#)
[gb|BC168117.1|](#) Xenopus tropicalis hypothetical protein LOC... 0.0
[gb|BC168111.1|](#) Xenopus tropicalis hypothetical protein LOC... 0.0
[gb|BC160997.1|](#) Xenopus tropicalis hypothetical protein LOC... 0.0
[gb|BC135476.1|](#) Xenopus tropicalis hypothetical protein LOC... 0.0
[ref|NM 001016486.2|](#) Xenopus (Silurana) tropicalis ribosoma... 0.0
[emb|CR760846.2|](#) Xenopus tropicalis finished cDNA, clone TT... 0.0

[Bos taurus](#) (cow, ...) [[even-toed ungulates](#)] [taxid 9913](#)
[ref|NM 001076998.1|](#) Bos taurus ribosomal protein L13a (RPL... 0.0
[gb|BC103039.1|](#) Bos taurus ribosomal protein L13a, mRNA (cD... 0.0
[emb|X56933.1|](#) B.taurus mRNA, alternative polyadenylation s... 0.0

[Ictalurus furcatus](#) [[bony fishes](#)] [taxid 66913](#)
[gb|HP440486.1|](#) TSA: Ictalurus furcatus Contig11132.Icfu mR... 0.0

[Monodelphis domestica](#) [[marsupials](#)] [taxid 13616](#)
[ref|XM 001363184.1|](#) PREDICTED: Monodelphis domestica hypot... 0.0

[Platichthys flesus](#) [[bony fishes](#)] [taxid 8260](#)
[emb|AJ843089.1|](#) Platichthys flesus mRNA for 60S ribosomal ... 0.0

[Sus scrofa](#) (wild boar, ...) [[even-toed ungulates](#)] [taxid 9823](#)

ref XM_003127345.1	PREDICTED: Sus scrofa bcl-2-like prote...	0.0
ref XM_003127305.1	PREDICTED: Sus scrofa ribosomal protei...	0.0
Callithrix jacchus (common marmoset, ...) [primates] taxid 9483		
ref XM_002762346.1	PREDICTED: Callithrix jacchus 60S ribo...	0.0
ref XM_002762345.1	PREDICTED: Callithrix jacchus 60S ribo...	0.0
Lycosa singoriensis [spiders] taxid 434756		
gb EU247111.1	Lycosa singoriensis 60S ribosomal protein L...	0.0
Macaca fascicularis (cynomolgus monkey, ...) [primates] taxid 9541		
dbj AB170257.1	Macaca fascicularis brain cDNA clone: QbsB...	0.0
dbj AB168305.1	Macaca fascicularis testis cDNA clone: Qts...	0.0
Macaca mulatta (rhesus macaque, ...) [primates] taxid 9544		
ref NM_001195419.1	Macaca mulatta ribosomal protein L13a ...	0.0
Ailuropoda melanoleuca [carnivores] taxid 9646		
ref XM_002917840.1	PREDICTED: Ailuropoda melanoleuca 60S ...	0.0
Pongo abelii (Orang-utan, ...) [primates] taxid 9601		
ref XM_002825864.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002825863.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002825862.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002825861.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002825860.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002825859.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002825858.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002825857.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
ref XM_002825856.1	PREDICTED: Pongo abelii 60S ribosomal ...	0.0
Equus caballus (equine, ...) [odd-toed ungulates] taxid 9796		
ref XM_001491876.2	PREDICTED: Equus caballus similar to r...	0.0

Taxonomy Report

root	103 hits	39 orgs	
Metazoa	99 hits	38 orgs	[cellular organisms; Eukaryota; Fungi/Metazoa group]
Eumetazoa	97 hits	36 orgs	
Cnidaria	3 hits	3 orgs	
Hexacorallia	2 hits	2 orgs	[Anthozoa]
Acropora millepora	1 hits	1 orgs	[Scleractinia; Astrocoeniina; Acroporidae; Acropora]
Nematostella vectensis	1 hits	1 orgs	[Actiniaria; Edwardsiidae; Nematostella]
Hydra magnipapillata	1 hits	1 orgs	[Hydrozoa; Hydroida; Anthomedusae; Hydridae; Hydra]
Bilateria	94 hits	33 orgs	
Coelomata	92 hits	31 orgs	
Protostomia	5 hits	5 orgs	
Eurythoe complanata	1 hits	1 orgs	[Annelida/Echiura/Pogonophora group; Annelida; Polychaeta; Palpata; Ac]
Arthropoda	4 hits	4 orgs	[Panarthropoda]
Endopterygota	2 hits	2 orgs	[Mandibulata; Pancrustacea; Hexapoda; Insecta; Dicondylia; Pterygota;]
Tribolium castaneum	1 hits	1 orgs	[Coleoptera; Polyphaga; Cucujiformia; Tenebrionoidea; Tenebrionidae; T]
Nasonia vitripennis	1 hits	1 orgs	[Hymenoptera; Apocrita; Chalcidoidea group; Chalcidoidea; Pteromalidae]
Araneae	2 hits	2 orgs	[Chelicerata; Arachnida]
Ornithoctonus huwena	1 hits	1 orgs	[Mygalomorphae; Theraphosidae; Ornithoctonus]
Lycosa singoriensis	1 hits	1 orgs	[Araneomorphae; Entelegynae; RTA clade; Lycosoidea; Lycosidae; Lycosa]
Deuterostomia	87 hits	26 orgs	
Chordata	85 hits	25 orgs	
Euteleostomi	83 hits	23 orgs	[Craniata; Vertebrata; Gnathostomata; Teleostomi]
Tetrapoda	66 hits	15 orgs	[Sarcopterygii]
Amniota	58 hits	13 orgs	
Neognathae	8 hits	2 orgs	[Sauropsida; Sauria; Archosauria; Dinosauria; Saurischia; Theropoda; C]
Taeniopygia guttata	7 hits	1 orgs	[Passeriformes; Passeroidea; Estrildidae; Estrildinae; Taeniopygia]
Gallus gallus	1 hits	1 orgs	[Galliformes; Phasianidae; Phasianinae; Gallus]
Theria	50 hits	11 orgs	[Mammalia]
Eutheria	49 hits	10 orgs	
Simiiformes	42 hits	6 orgs	[Euarchontoglires; Primates; Haplorrhini]
Catarrhini	40 hits	5 orgs	
Hominidae	37 hits	3 orgs	[Hominoidea]
Homininae	28 hits	2 orgs	
Homo sapiens	15 hits	1 orgs	[Homo]
Pan troglodytes	13 hits	1 orgs	[Pan]
Pongo abelii	9 hits	1 orgs	[Ponginae; Pongo]
Macaca	3 hits	2 orgs	[Cercopithecoidea; Cercopithecidae; Cercopithecinae]
Macaca fascicularis	2 hits	1 orgs	
Macaca mulatta	1 hits	1 orgs	
Callithrix jacchus	2 hits	1 orgs	[Platyrrhini; Cebidae; Callitrichinae; Callitrix]
Laurasiatheria	7 hits	4 orgs	
Cetartiodactyla	5 hits	2 orgs	
Bos taurus	3 hits	1 orgs	[Ruminantia; Pecora; Bovidae; Bovinae; Bos]
Sus scrofa	2 hits	1 orgs	[Suina; Suidae; Sus]
Ailuropoda melanoleuca	1 hits	1 orgs	[Carnivora; Caniformia; Ursidae; Ailuropoda]
Equus caballus	1 hits	1 orgs	[Perissodactyla; Equidae; Equus; Equus subg. Equus]
Monodelphis domestica	1 hits	1 orgs	[Metatheria; Didelphimorphia; Didelphidae; Didelphinae; Monodelphis]
Xenopus	8 hits	2 orgs	[Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidea; Pipidae; Xenopod]
Xenopus laevis	2 hits	1 orgs	[Xenopus]
Xenopus (Silurana) tropicalis	6 hits	1 orgs	[Silurana]
Clupecocephala	17 hits	8 orgs	[Actinopterygii; Actinopteri; Neopterygii; Teleostei; Elopoccephala]
Euteleostei	16 hits	7 orgs	
Salmoninae	11 hits	3 orgs	[Actinopterygii; Salmoniformes; Salmonoidei; Salmonidae]
Oncorhynchus	2 hits	2 orgs	
Oncorhynchus masou formosanus	1 hits	1 orgs	[Oncorhynchus masou]
Oncorhynchus mykiss	1 hits	1 orgs	
Salmo salar	9 hits	1 orgs	[Salmo]
Percomorpha	5 hits	4 orgs	[Neognathi; Neoteleostei; Eurypterygii; Ctenosquamata; Acanthomorpha;]
Anoplopoma fimbria	1 hits	1 orgs	[Scorpaeniformes; Anoplopomatoidei; Anoplopomatidae; Anoplopoma]
Pleuronectiformes	3 hits	2 orgs	
Solea senegalensis	2 hits	1 orgs	[Soleoidei; Soleidae; Solea]
Platichthys flesus	1 hits	1 orgs	[Pleuronectoidei; Pleuronectidae; Pleuronectinae; Platichthys]
Gasterosteus aculeatus	1 hits	1 orgs	[Smegeomorpha; Gasterosteiformes/Syngnathiformes group; Gasterosteifor]
Ictalurus furcatus	1 hits	1 orgs	[Otocephala; Ostariophysii; Otophysi; Siluriphysi; Siluriformes; Ictalu]
Ciona intestinalis	1 hits	1 orgs	[Tunicata; Ascidiacea; Enterogona; Phlebobranchia; Cionidae; Ciona]
Branchiostoma floridae	1 hits	1 orgs	[Cephalochordata; Branchiostomidae; Branchiostoma]
Strongylocentrotus purpuratus	2 hits	1 orgs	[Echinodermata; Eleutherozoa; Echinozoa; Echinoidea; Euechinoidea; Ech]
Schistosoma	2 hits	2 orgs	[Acoelomata; Platyhelminthes; Trematoda; Digenea; Strigeidida; Schisto]
Schistosoma mansoni	1 hits	1 orgs	
Schistosoma japonicum	1 hits	1 orgs	
Trichoplax adhaerens	1 hits	1 orgs	[Placozoa; Trichoplax]
Suberites domuncula	1 hits	1 orgs	[Porifera; Demospongiae; Tetractinomorpha; Hadromerida; Suberitidae; S]
synthetic construct	4 hits	1 orgs	[other sequences; artificial sequences]

BLAST

Basic Local Alignment Search Tool

[Jump to Page Content](#)
Job Title: EZ028666

Tax BLAST Report

Index

- [Lineage Report](#)
- [Organism Report](#)
- [Taxonomy Report](#)
- [Help](#)

Lineage Report

root			
· Metazoa	[animals]		
· Eumetazoa	[animals]		
· Hexacorallia	[anthozoans]		
· Asterozoa	[stony corals]		
· Acropora millepora	-----	1 hit	[stony corals]
· Stylophora pistillata	-----	1 hit	[stony corals]
· Nematostella vectensis	-----	1 hit	[sea anemones]
· Gallus gallus (bantam)	-----	2 hits	[birds]
· Taeniopygia guttata (zebra finch)	-----	1 hit	[birds]
· Monodelphis domestica	-----	1 hit	[marsupials]
· Dermacentor variabilis	-----	2 hits	[mites & ticks]
· Solea senegalensis	-----	1 hit	[bony fishes]
· Ixodes scapularis (shoulder tick)	-----	2 hits	[mites & ticks]
· Microcosmus squamiger	-----	1 hit	[tunicates]
· Hypophthalmichthys molitrix	-----	1 hit	[bony fishes]
· Osmerus mordax	-----	1 hit	[bony fishes]
· Bos taurus (cow)	-----	4 hits	[even-toed ungulates]
· Danio rerio (zebra fish)	-----	2 hits	[bony fishes]
· Xenopus laevis (common platanna)	-----	2 hits	[frogs & toads]
· Homo sapiens (man)	-----	32 hits	[primates]
· Pan troglodytes	-----	1 hit	[primates]
· Pongo abelii (Orang-utan)	-----	1 hit	[primates]
· Callithrix jacchus (common marmoset)	-----	2 hits	[primates]
· Macaca mulatta (rhesus macaque)	-----	1 hit	[primates]
· Macaca fascicularis (cynomolgus monkey)	-----	1 hit	[primates]
· Equus caballus (equine)	-----	2 hits	[odd-toed ungulates]
· Xenopus (Silurana) tropicalis	-----	2 hits	[frogs & toads]
· Canis lupus familiaris (dogs)	-----	10 hits	[carnivores]
· Sus scrofa (wild boar)	-----	6 hits	[even-toed ungulates]
· Ictalurus furcatus	-----	1 hit	[bony fishes]
· Rattus norvegicus (brown rat)	-----	18 hits	[rodents]
· Rana sylvatica	-----	1 hit	[frogs & toads]
· Trichoplax adhaerens	-----	1 hit	[placozoans]
· synthetic construct	-----	3 hits	[other sequences]

Organism Report

Acropora millepora [stony corals] taxid 45264 gb EZ028666.1 TSA: Acropora millepora SeqIndex5112, mRNA ...	0.0
Stylophora pistillata [stony corals] taxid 50429 gb EU069460.1 Stylophora pistillata 60S acidic ribosomal ...	0.0
Nematostella vectensis [sea anemones] taxid 45351 ref XM_001626244.1 Nematostella vectensis predicted prote...	0.0
Gallus gallus (bantam, ...) [birds] taxid 9031 ref NM_204987.1 Gallus gallus ribosomal protein, large, P... gb L28704.1 CHKACR1PHO Chicken acidic ribosomal phosphopro...	0.0
Taeniopygia guttata (zebra finch) [birds] taxid 59729 ref XM_002199525.1 PREDICTED: Taeniopygia guttata similar...	0.0
Monodelphis domestica [marsupials] taxid 13616 ref XM_001363500.1 PREDICTED: Monodelphis domestica simil...	0.0
Dermacentor variabilis [mites & ticks] taxid 34621 gb EZ525048.1 TSA: Dermacentor variabilis contig00110.Dvb... gb EZ532706.1 TSA: Dermacentor variabilis contig00067.Dvc...	0.0
Solea senegalensis [bony fishes] taxid 28829 dbj AB374983.1 Solea senegalensis RPLP0 mRNA for ribosoma...	0.0
Ixodes scapularis (shoulder tick, ...) [mites & ticks] taxid 6945 gb DQ066213.1 Ixodes scapularis isolate ISUFL22 60S acidi... ref XM_002399569.1 Ixodes scapularis 60S acidic ribosomal...	0.0
Microcosmus squamiger [tunicates] taxid 439822 emb FN984781.1 Microcosmus squamiger mRNA for ribosomal p...	0.0
Hypophthalmichthys molitrix [bony fishes] taxid 13095 gb HM124745.1 Hypophthalmichthys molitrix large ribosomal...	0.0
Osmerus mordax [bony fishes] taxid 8014 gb BT074646.1 Osmerus mordax clone omor-rgc-511-099 60S a...	0.0
Bos taurus (cow, ...) [even-toed ungulates] taxid 9913 gb BC151695.1 Bos taurus ribosomal protein, large, P0, mR... gb BC102074.1 Bos taurus ribosomal protein, large, P0, mR... ref NM_001012682.1 Bos taurus ribosomal protein, large, P... gb BT021080.1 Bos taurus ribosomal protein, large, P0 (RP...	0.0
Danio rerio (zebra fish, ...) [bony fishes] taxid 7955 gb BC062854.1 Danio rerio ribosomal protein, large, P0, m...	0.0

[gb|BC146738.1](#) Danio rerio ribosomal protein, large, P0, m... 0.0

Xenopus laevis (common platanna, ...) [[frogs & toads](#)] taxid 8355
[ref|NM_001086665.1](#) Xenopus laevis ribosomal protein, larg... 0.0
[gb|BC042268.1](#) Xenopus laevis acidic ribosomal protein P0,... 0.0

Homo sapiens (man) [[primates](#)] taxid 9606
[gb|BC003075.1](#) Homo sapiens cDNA clone IMAGE:3506537, ****... 0.0
[gb|BC071877.1](#) Homo sapiens cDNA clone IMAGE:5087581, ****... 0.0
[dbj|AK001313.1](#) Homo sapiens cDNA FLJ10451 fis, clone NT2R... 0.0
[gb|BC021049.1](#) Homo sapiens cDNA clone IMAGE:3505381, ****... 0.0
[gb|BC033190.1](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|BC071911.1](#) Homo sapiens cDNA clone IMAGE:6569344, ****... 0.0
[ref|NM_053275.3](#) Homo sapiens ribosomal protein, large, P0... 0.0
[ref|NM_001002.3](#) Homo sapiens ribosomal protein, large, P0... 0.0
[gb|BC019014.2](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|BC003655.2](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[emb|CR625036.1](#) full-length cDNA clone CLOBB022ZB08 of Neu... 0.0
[emb|CR597824.1](#) full-length cDNA clone CLOBA004ZA12 of Pla... 0.0
[emb|CR619416.1](#) full-length cDNA clone CS0DH004YL14 of T c... 0.0
[emb|CR613873.1](#) full-length cDNA clone CS0DH004YP23 of T c... 0.0
[emb|CR625189.1](#) full-length cDNA clone CS0DF026YD05 of Fet... 0.0
[gb|BC015690.1](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[emb|CR600402.1](#) full-length cDNA clone CS0DN002YE06 of Adu... 0.0
[dbj|AK129823.1](#) Homo sapiens cDNA FLJ26313 fis, clone DMC0... 0.0
[gb|BC000087.2](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|BC001834.2](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|BC000752.2](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|M17885.1|HUMPPARP0](#) Human acidic ribosomal phosphoprotei... 0.0
[dbj|AK129754.1](#) Homo sapiens cDNA FLJ26243 fis, clone DMC0... 0.0
[gb|BC000345.2](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|BC005863.2](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|BC009867.2](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|BC008092.1](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[gb|BC008594.1](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[emb|CR602521.1](#) full-length cDNA clone CS0DA002YE14 of Neu... 0.0
[gb|BC015173.1](#) Homo sapiens ribosomal protein, large, P0, ... 0.0
[emb|CR599043.1](#) full-length cDNA clone CS0DH006YP10 of T c... 0.0
[dbj|AK222468.1](#) Homo sapiens mRNA for ribosomal protein P0... 0.0

Pan troglodytes [[primates](#)] taxid 9598
[ref|XM_509423.2](#) PREDICTED: Pan troglodytes similar to 60S... 0.0

Pongo abelii (Orang-utan, ...) [[primates](#)] taxid 9601
[ref|XM_002823848.1](#) PREDICTED: Pongo abelii 60S acidic rib... 0.0

Callithrix jacchus (common marmoset, ...) [[primates](#)] taxid 9483
[ref|XM_002753072.1](#) PREDICTED: Callithrix jacchus 60S acid... 0.0
[ref|XM_002753073.1](#) PREDICTED: Callithrix jacchus 60S acid... 0.0

Macaca mulatta (rhesus macaque, ...) [[primates](#)] taxid 9544
[ref|NM_001195428.1](#) Macaca mulatta ribosomal protein, larg... 0.0

Macaca fascicularis (cynomolgus monkey, ...) [[primates](#)] taxid 9541
[dbj|AB170149.1](#) Macaca fascicularis brain cDNA clone: QbsB... 0.0

synthetic construct [[other sequences](#)] taxid 32630
[gb|DQ894996.2](#) Synthetic construct Homo sapiens clone IMAG... 0.0
[gb|DQ891813.2](#) Synthetic construct clone IMAGE:100004443; ... 0.0
[dbj|AB464171.1](#) Synthetic construct DNA, clone: pF1KB8219,... 0.0

Equus caballus (equine, ...) [[odd-toed ungulates](#)] taxid 9796
[ref|XM_001489353.1](#) PREDICTED: Equus caballus similar to r... 0.0
[ref|XM_001489330.1](#) PREDICTED: Equus caballus similar to r... 0.0

Xenopus (Silurana) tropicalis [[frogs & toads](#)] taxid 8364
[ref|NM_203736.1](#) Xenopus (Silurana) tropicalis ribosomal p... 0.0
[gb|BC061299.1](#) Xenopus tropicalis acidic ribosomal phospho... 0.0

Canis lupus familiaris (dogs) [[carnivores](#)] taxid 9615
[ref|XM_857926.1](#) PREDICTED: Canis familiaris similar to ac... 0.0
[ref|XM_857980.1](#) PREDICTED: Canis familiaris similar to ac... 0.0
[ref|XM_844092.1](#) PREDICTED: Canis familiaris ribosomal pro... 0.0
[ref|XM_858027.1](#) PREDICTED: Canis familiaris similar to ac... 0.0
[ref|XM_858052.1](#) PREDICTED: Canis familiaris similar to ac... 0.0
[ref|XM_858004.1](#) PREDICTED: Canis familiaris similar to ac... 0.0
[ref|XM_535894.2](#) PREDICTED: Canis familiaris ribosomal pro... 0.0
[ref|XM_853158.1](#) PREDICTED: Canis familiaris ribosomal pro... 0.0
[ref|XM_853112.1](#) PREDICTED: Canis familiaris ribosomal pro... 0.0
[ref|XM_845901.1](#) PREDICTED: Canis familiaris similar to ac... 0.0

Sus scrofa (wild boar, ...) [[even-toed ungulates](#)] taxid 9823
[dbj|AK239428.1](#) Sus scrofa mRNA, clone:THY010103A05, expre... 0.0
[ref|NM_001098598.1](#) Sus scrofa ribosomal phosphoprotein la... 0.0
[gb|DQ316319.1](#) Sus scrofa ribosomal phosphoprotein large P... 0.0
[dbj|AK347722.1](#) Sus scrofa mRNA, clone:OVR010082B07, expre... 0.0
[dbj|AK231505.1](#) Sus scrofa mRNA, clone:ITT010083C10, expre... 0.0
[dbj|AK234557.1](#) Sus scrofa mRNA, clone:OVR010084G10, expre... 0.0

Ictalurus furcatus [[bony fishes](#)] taxid 66913
[gb|HP440171.1](#) TSA: Ictalurus furcatus Contig10804.Icfu mR... 0.0

Rattus norvegicus (brown rat, ...) [[rodents](#)] taxid 10116
[emb|FQ231733.1](#) Rattus norvegicus TLOAEA68YG13 mRNA sequence 0.0
[emb|FQ231525.1](#) Rattus norvegicus TLOAEA6YC21 mRNA sequence 0.0
[emb|FQ229397.1](#) Rattus norvegicus TLOADA48YB05 mRNA sequence 0.0
[emb|FQ220533.1](#) Rattus norvegicus TLOADA42YI10 mRNA sequence 0.0
[emb|FQ225860.1](#) Rattus norvegicus TLOAEA3Y011 mRNA sequence 0.0
[emb|FQ231591.1](#) Rattus norvegicus TLOAEA68YP07 mRNA sequence 0.0
[emb|FQ220542.1](#) Rattus norvegicus TLOADA42YH23 mRNA sequence 0.0
[emb|FQ220527.1](#) Rattus norvegicus TLOADA42YI17 mRNA sequence 0.0
[emb|FQ220282.1](#) Rattus norvegicus TLOADA43YH18 mRNA sequence 0.0
[emb|FQ220008.1](#) Rattus norvegicus TLOADA44YI12 mRNA sequence 0.0
[emb|FQ212927.1](#) Rattus norvegicus TLOAAA50YK12 mRNA sequence 0.0
[emb|FQ229408.1](#) Rattus norvegicus TLOADA48YA13 mRNA sequence 0.0
[emb|FQ229273.1](#) Rattus norvegicus TLOADA48YH23 mRNA sequence 0.0
[emb|FQ228995.1](#) Rattus norvegicus TLOADA4YM19 mRNA sequence 0.0
[emb|FQ231967.1](#) Rattus norvegicus TLOAEA67YI08 mRNA sequence 0.0

[emb|FQ224846.1](#) | Rattus norvegicus TL0ACA52YN20 mRNA sequence 0.0
[emb|FQ227941.1](#) | Rattus norvegicus TLOAEAllyC10 mRNA sequence 0.0
[emb|FQ233377.1](#) | Rattus norvegicus TLOAEA62YC06 mRNA sequence 0.0

[Rana sylvatica](#) [[frogs & toads](#)] taxid 45438
[gb|AF176302.1](#) | Rana sylvatica brain acidic ribosomal phosph... 0.0

[Trichoplax adhaerens](#) [[placozoans](#)] taxid 10228
[ref|XM_002114895.1](#) | Trichoplax adhaerens expressed hypothe... 0.0

Taxonomy Report

root	105 hits	30 orgs	
. Metazoa	102 hits	29 orgs	[cellular organisms; Eukaryota; Fungi/Metazoa group]
. . Eumetazoa	101 hits	28 orgs	
. . . Hexacorallia	3 hits	3 orgs	[Cnidaria; Anthozoa]
. . . . Asterozoa	2 hits	2 orgs	[Scleractinia]
. . . . Acropora millepora	1 hits	1 orgs	[Acroporidae; Acropora]
. . . . Stylophora pistillata	1 hits	1 orgs	[Pocilloporidae; Stylophora]
. . . Nematostella vectensis	1 hits	1 orgs	[Actiniaria; Edwardsiidae; Nematostella]
. . Coelomata	98 hits	25 orgs	[Bilateria]
. . . Chordata	94 hits	23 orgs	[Deuterostomia]
. . . . Euteleostomi	93 hits	22 orgs	[Craniata; Vertebrata; Gnathostomata; Teleostomi]
. . . . Tetrapoda	87 hits	17 orgs	[Sarcopterygii]
. Amniota	82 hits	14 orgs	
. Neognathae	3 hits	2 orgs	[Sauropsida; Sauria; Archosauria; Dinosauria; Saurischia; Theropoda; Coeluro]
. Gallus gallus	2 hits	1 orgs	[Galliformes; Phasianidae; Phasianinae; Gallus]
. Taeniopygia guttata	1 hits	1 orgs	[Passeriformes; Passeroidea; Estrildidae; Estrildinae; Taeniopygia]
. . . . Theria	79 hits	12 orgs	[Mammalia]
. Monodelphis domestica	1 hits	1 orgs	[Metatheria; Didelphimorphia; Didelphidae; Didelphinae; Monodelphis]
. Eutheria	78 hits	11 orgs	
. Laurasiatheria	22 hits	4 orgs	
. Cetartiodactyla	10 hits	2 orgs	
. Bos taurus	4 hits	1 orgs	[Ruminantia; Pecora; Bovidae; Bovinae; Bos]
. Sus scrofa	6 hits	1 orgs	[Suina; Suidae; Sus]
. Equus caballus	2 hits	1 orgs	[Perissodactyla; Equidae; Equus; Equus subg. Equus]
. Canis lupus familiaris	10 hits	1 orgs	[Carnivora; Caniformia; Canidae; Canis; Canis lupus]
. Euarchontoglires	56 hits	7 orgs	
. Simiiformes	38 hits	6 orgs	[Primates; Haplorrhini]
. Catarrhini	36 hits	5 orgs	
. Hominidae	34 hits	3 orgs	[Hominoidea]
. Homininae	33 hits	2 orgs	
. Homo sapiens	32 hits	1 orgs	[Homo]
. Pan troglodytes	1 hits	1 orgs	[Pan]
. Pongo abelii	1 hits	1 orgs	[Ponginae; Pongo]
. Macaca	2 hits	2 orgs	[Cercopithecoidea; Cercopithecidae; Cercopithecinae]
. Macaca mulatta	1 hits	1 orgs	
. Macaca fascicularis	1 hits	1 orgs	
. Callithrix jacchus	2 hits	1 orgs	[Platyrrhini; Cebidae; Callitrichinae; Callitrix]
. Rattus norvegicus	18 hits	1 orgs	[Glires; Rodentia; Sciurognathi; Muroidea; Muridae; Murinae; Rattus]
. Anura	5 hits	3 orgs	[Amphibia; Batrachia]
. Xenopus	4 hits	2 orgs	[Mesobatrachia; Pipoidae; Pipidae; Xenopodinae]
. Xenopus laevis	2 hits	1 orgs	[Xenopus]
. Xenopus (Silurana) tropicalis	2 hits	1 orgs	[Silurana]
. Rana sylvatica	1 hits	1 orgs	[Neobatrachia; Ranoidea; Ranidae; Raninae; Rana; Novirana; Aquarana/sylvatic]
. Clupecocephala	6 hits	5 orgs	[Actinopterygii; Actinopteri; Neopterygii; Teleostei; Elopococephala]
. Euteleostei	2 hits	2 orgs	
. Solea senegalensis	1 hits	1 orgs	[Neognathi; Neoteleostei; Eurypterygii; Ctenosquamata; Acanthomorpha; Euacan]
. Osmerus mordax	1 hits	1 orgs	[Protacanthopterygii; Osmeriformes; Osmeroidi; Osmeroidea; Osmeridae; Osmer]
. Otophysi	4 hits	3 orgs	[Otocephala; Ostariophysi]
. Cyprinidae	3 hits	2 orgs	[Cypriniphysi; Cypriniformes; Cyprinoidea]
. Hypophthalmichthys molitrix	1 hits	1 orgs	[Hypophthalmichthys]
. Danio rerio	2 hits	1 orgs	[Danio]
. Ictalurus furcatus	1 hits	1 orgs	[Siluriphysi; Siluriformes; Ictaluridae; Ictalurus]
. Microcosmus squamiger	1 hits	1 orgs	[Tunicata; Ascidiacea; Stolidobranchia; Pyuridae; Microcosmus]
. Ixodidae	4 hits	2 orgs	[Protostomia; Panarthropoda; Arthropoda; Chelicerata; Arachnida; Acari; Para]
. Dermacentor variabilis	2 hits	1 orgs	[Rhipicephalinae; Dermacentor]
. Ixodes scapularis	2 hits	1 orgs	[Ixodinae; Ixodes]
. Trichoplax adhaerens	1 hits	1 orgs	[Placozoa; Trichoplax]
. . . synthetic construct	3 hits	1 orgs	[other sequences; artificial sequences]

BLAST

Basic Local Alignment Search Tool

[Jump to Page Content](#)

Job Title: EZ011917

Tax BLAST Report

Index

- [Lineage Report](#)
- [Organism Report](#)
- [Taxonomy Report](#)
- [Help](#)

Lineage Report

root		
• Eumetazoa	[animals]	
• Cnidaria	[cnidarians]	
• Hexacorallia	[anthozoans]	
• Acropora millepora	-----	6 hits [stony corals]
• Nematostella vectensis	-----	1 hit [sea anemones]
• Hydra magnipapillata	-----	2 hits [hydrozoans]
• Hydra vulgaris	-----	1 hit [hydrozoans]
• Saccoglossus kowalevskii	-----	1 hit [hemichordates]
• Xenopus (Silurana) tropicalis	-----	2 hits [frogs & toads]
• Xenopus laevis (common platanna)	-----	4 hits [frogs & toads]
• Oryctolagus cuniculus (domestic rabbit)	-----	1 hit [rabbits & hares]
• Odontesthes bonariensis	-----	1 hit [bony fishes]
• Canis lupus familiaris (dogs)	-----	5 hits [carnivores]
• Sus scrofa (wild boar)	-----	2 hits [even-toed ungulates]
• Homo sapiens (man)	-----	13 hits [primates]
• Danio rerio (zebra fish)	-----	7 hits [bony fishes]
• Pongo abelii (Orang-utan)	-----	2 hits [primates]
• Callithrix jacchus (common marmoset)	-----	3 hits [primates]
• Bos taurus (cow)	-----	7 hits [even-toed ungulates]
• Equus caballus (equine)	-----	1 hit [odd-toed ungulates]
• Ailuropoda melanoleuca	-----	1 hit [carnivores]
• Felis catus (cat)	-----	1 hit [carnivores]
• Gobio gobio	-----	1 hit [bony fishes]
• Monodelphis domestica	-----	4 hits [marsupials]
• Rattus norvegicus (brown rat)	-----	7 hits [rodents]
• Mus musculus (mouse)	-----	14 hits [rodents]
• Macaca mulatta (rhesus macaque)	-----	6 hits [primates]
• Ornithorhynchus anatinus (duck-billed platypus)	-----	1 hit [monotremes]
• Gadus morhua	-----	1 hit [bony fishes]
• Lonchura striata (white-backed munia)	-----	2 hits [birds]
• Cricetulus longicaudatus (lesser long-tailed ham...)	-----	2 hits [rodents]
• Taeniopygia guttata (zebra finch)	-----	1 hit [birds]
• Gallus gallus (bantam)	-----	2 hits [birds]
• Pan troglodytes	-----	1 hit [primates]
• Macaca fascicularis (cynomolgus monkey)	-----	1 hit [primates]
• synthetic construct	-----	7 hits [other sequences]

Organism Report

Acropora millepora [stony corals] taxid 45264	
gb EZ011917.1 TSA: Acropora millepora SeqIndex13789, mRNA...	0.0
gb EU161957.1 Acropora millepora Bcl-like protein mRNA, c...	0.0
gb EZ004016.1 TSA: Acropora millepora SeqIndex13791, mRNA...	0.0
gb EZ004015.1 TSA: Acropora millepora SeqIndex13790, mRNA...	0.0
gb EU161958.1 Acropora millepora Bax-like protein mRNA, c...	0.0
gb EZ011916.1 TSA: Acropora millepora SeqIndex13788, mRNA...	0.0
Nematostella vectensis [sea anemones] taxid 45351	
ref XM 001634647.1 Nematostella vectensis predicted prote...	0.0
Hydra magnipapillata [hydrozoans] taxid 6085	
ref XM 002167542.1 PREDICTED: Hydra magnipapillata simila...	0.0
ref XM 002158467.1 PREDICTED: Hydra magnipapillata simila...	0.0
Hydra vulgaris [hydrozoans] taxid 6087	
gb EU035764.1 Hydra vulgaris bcl-2-like 4 mRNA, complete cds	0.0
Saccoglossus kowalevskii [hemichordates] taxid 10224	
ref XM 002740743.1 PREDICTED: Saccoglossus kowalevskii pr...	0.0
Xenopus (Silurana) tropicalis [frogs & toads] taxid 8364	
ref NM 001011065.1 Xenopus (Silurana) tropicalis BCL2-lik...	0.0
gb BC084445.1 Xenopus tropicalis Bcl2-like 2, mRNA (cDNA ...	0.0
Xenopus laevis (common platanna, ...) [frogs & toads] taxid 8355	
ref NM 001092260.1 Xenopus laevis BCL2-like 2 (bcl2l2-a),...	0.0
gb BC073259.1 Xenopus laevis MGC80617 protein, mRNA (cDNA...	0.0
ref NM 001088104.1 Xenopus laevis BCL2-like 2 (bcl2l2-b),...	0.0
emb X82462.1 X.laevis R1 mRNA	0.0
Oryctolagus cuniculus (domestic rabbit, ...) [rabbits & hares] taxid 9986	
ref XM 002717903.1 PREDICTED: Oryctolagus cuniculus BCL-W...	0.0
Odontesthes bonariensis [bony fishes] taxid 219752	
gb FJ868843.1 Odontesthes bonariensis bcl2 mRNA, complete...	0.0
Canis lupus familiaris (dogs) [carnivores] taxid 9615	
ref XM 853671.1 PREDICTED: Canis familiaris BCL2-like 2, ...	0.0
ref XM 853783.1 PREDICTED: Canis familiaris BCL2-like 2, ...	0.0
ref NM 001031635.2 Canis lupus familiaris poly(A) binding...	0.0
gb D0116955.1 Canis familiaris Bcl-w protein (BCL2L2) mRN...	0.0
gb AY509563.1 Canis familiaris Bcl-2 mRNA, complete cds	0.0
Sus scrofa (wild boar, ...) [even-toed ungulates] taxid 9823	
dbj AK349051.1 Sus scrofa mRNA, clone:PCT010006D06, expre...	0.0

ref|XM 001928880.2| PREDICTED: Sus scrofa bcl-2-like prote... 0.0

Homo sapiens (man) [[primates](#)] taxid 9606

gb|BC011637.1| Homo sapiens mRNA similar to BCL2-like 2 (c... 0.0

ref|NM 004050.3| Homo sapiens BCL2-like 2 (BCL2L2), mRNA 0.0

dbj|D87461.1| Homo sapiens mRNA for KIAA0271 gene, partial... 0.0

gb|BC113522.1| Homo sapiens BCL2-like 2, mRNA (cDNA clone ... 0.0

gb|BC104789.1| Homo sapiens BCL2-like 2, mRNA (cDNA clone ... 0.0

gb|BC021198.2| Homo sapiens BCL2-like 2, mRNA (cDNA clone ... 0.0

dbj|AK289519.1| Homo sapiens cDNA FLJ75568 complete cds, h... 0.0

gb|BT019549.1| Homo sapiens BCL2-like 2 mRNA, complete cds 0.0

gb|U59747.1|HSU59747 Human Bcl-w (bcl-w) mRNA, complete cds 0.0

emb|AL049829.4| Human chromosome 14 DNA sequence BAC R-124... 0.0

gb|AY927500.1| Homo sapiens mRNA sequence 0.0

ref|NM 138578.1| Homo sapiens BCL2-like 1 (BCL2L1), nuclea... 0.0

gb|BC019307.1| Homo sapiens BCL2-like 1, mRNA (cDNA clone ... 0.0

Danio rerio (zebra fish, ...) [[bony fishes](#)] taxid 7955

gb|DQ022560.1| Danio rerio Bcl-XL-like protein 1 (blpl) mR... 0.0

gb|BC071291.1| Danio rerio bcl2-like, mRNA (cDNA clone MGC... 0.0

ref|NM 131807.1| Danio rerio bcl2-like 1 (bcl2l1), nuclear... 0.0

gb|AF317837.1|AF317837 Danio rerio Bcl-XL-like protein 1 (... 0.0

gb|BC044130.1| Danio rerio bcl2-like, mRNA (cDNA clone MGC... 0.0

gb|BC165156.1| Danio rerio bcl2-like, mRNA (cDNA clone MGC... 0.0

ref|XM 001341178.2| PREDICTED: Danio rerio Bcl2-like (LOC1... 0.0

Pongo abelii (Orang-utan, ...) [[primates](#)] taxid 9601

ref|XM 002824582.1| PREDICTED: Pongo abelii bcl-2-like pro... 0.0

ref|XM 002824583.1| PREDICTED: Pongo abelii bcl-2-like pro... 0.0

Callithrix jacchus (common marmoset, ...) [[primates](#)] taxid 9483

ref|XM 002753638.1| PREDICTED: Callithrix jacchus bcl-2-li... 0.0

ref|XM 002747332.1| PREDICTED: Callithrix jacchus bcl-2-li... 0.0

ref|XM 002747333.1| PREDICTED: Callithrix jacchus bcl-2-li... 0.0

Bos taurus (cow, ...) [[even-toed ungulates](#)] taxid 9913

ref|NM 001076533.1| Bos taurus BCL2-like 2 (BCL2L2), mRNA 0.0

gb|BC114652.1| Bos taurus BCL2-like 2, mRNA (cDNA clone MG... 0.0

dbj|AB238938.1| Bos taurus BCL2L2 mRNA for BCL2-like 2, co... 0.0

gb|DQ001758.1| Bos taurus BCL2-like protein 2 (BCL2L2) gen... 0.0

gb|BC147863.1| Bos taurus BCL2-like 1, mRNA (cDNA clone MG... 0.0

ref|NM 001077486.2| Bos taurus BCL2-like 1 (BCL2L1), nucle... 0.0

gb|BC133281.1| Bos taurus BCL2-like 1, mRNA (cDNA clone MG... 0.0

Equus caballus (equine, ...) [[odd-toed ungulates](#)] taxid 9796

ref|XM 001493694.2| PREDICTED: Equus caballus similar to A... 0.0

Ailuropoda melanoleuca [[carnivores](#)] taxid 9646

ref|XM 002926013.1| PREDICTED: Ailuropoda melanoleuca bcl-... 0.0

Felis catus (cat, ...) [[carnivores](#)] taxid 9685

gb|DQ926874.1| Felis catus BCL2L2 (BCL2L2) mRNA, partial cds 0.0

synthetic construct [[other sequences](#)] taxid 32630

dbj|AB383828.1| Synthetic construct DNA, clone: pFKSDA027... 0.0

gb|BT019548.1| Synthetic construct Homo sapiens BCL2-like ... 0.0

gb|AY890819.1| Synthetic construct Homo sapiens clone FLH0... 0.0

gb|AY890433.1| Synthetic construct Homo sapiens clone FLH1... 0.0

gb|AY888229.1| Synthetic construct Homo sapiens clone FLH0... 0.0

gb|AY892894.1| Synthetic construct Homo sapiens clone FLH1... 0.0

gb|AY888228.1| Synthetic construct Homo sapiens clone FLH0... 0.0

Gobio gobio [[bony fishes](#)] taxid 27704

gb|FJ612582.1| Gobio gobio bcl-2 protein mRNA, partial cds 0.0

Monodelphis domestica [[marsupials](#)] taxid 13616

ref|XM 001369257.1| PREDICTED: Monodelphis domestica simil... 0.0

ref|XM 001365223.1| PREDICTED: Monodelphis domestica simil... 0.0

ref|XM 001365293.1| PREDICTED: Monodelphis domestica simil... 0.0

ref|XM 001362813.1| PREDICTED: Monodelphis domestica simil... 0.0

Rattus norvegicus (brown rat, ...) [[rodents](#)] taxid 10116

emb|FQ212018.1| Rattus norvegicus TL0AA72YG18 mRNA sequence 0.0

ref|NM 021850.2| Rattus norvegicus Bcl2-like 2 (Bcl2l2), mRNA 0.0

gb|BC074021.1| Rattus norvegicus Bcl2-like 2, mRNA (cDNA c... 0.0

gb|AY185098.1| Rattus norvegicus BCL-W mRNA, complete cds 0.0

gb|AY185100.1| Rattus norvegicus BCL-WEL mRNA, complete cds 0.0

gb|AF096291.1|AF096291 Rattus norvegicus Bcl-w (bcl-w) mRN... 0.0

gb|AF512835.1| Rattus norvegicus Bcl2-like protein mRNA, c... 0.0

Mus musculus (mouse) [[rodents](#)] taxid 10090

dbj|AK004680.1| Mus musculus adult male lung cDNA, RIKEN f... 0.0

ref|NM 007537.1| Mus musculus BCL2-like 2 (Bcl2l2), mRNA 0.0

gb|AF030769.1|AF030769 Mus musculus BCL-W (Bcl-w) mRNA, co... 0.0

dbj|AK172925.1| Mus musculus mRNA for mKIAA0271 protein 0.0

dbj|AK015644.1| Mus musculus adult male testis cDNA, RIKEN... 0.0

gb|U59746.1|MMU59746 Mus musculus Bcl-w (bcl-w) mRNA, comp... 0.0

gb|AC116591.4| Mus musculus BAC clone RP24-90K1 from chrom... 0.0

emb|CT025533.11| Mouse DNA sequence from clone RP23-93K3 o... 0.0

gb|BC040369.1| Mus musculus BCL2-like 2, mRNA (cDNA clone ... 0.0

dbj|AK013244.1| Mus musculus 10, 11 days embryo whole body... 0.0

ref|NM 009741.3| Mus musculus B-cell leukemia/lymphoma 2 (... 0.0

gb|BC095964.1| Mus musculus B-cell leukemia/lymphoma 2, mR... 0.0

dbj|AK049473.1| Mus musculus 7 days embryo whole body cDNA... 0.0

dbj|AK172250.1| Mus musculus activated spleen cDNA, RIKEN ... 0.0

Macaca mulatta (rhesus macaque, ...) [[primates](#)] taxid 9544

ref|XM 001107287.2| PREDICTED: Macaca mulatta polyadenylat... 0.0

ref|XM 001110326.1| PREDICTED: Macaca mulatta bcl-2-like p... 0.0

ref|XM 001110285.1| PREDICTED: Macaca mulatta bcl-2-like p... 0.0

ref|XM 001110113.2| PREDICTED: Macaca mulatta bcl-2-like p... 0.0

ref|XM 001110205.2| PREDICTED: Macaca mulatta bcl-2-like p... 0.0

ref|XM 001110062.2| PREDICTED: Macaca mulatta bcl-2-like p... 0.0

Ornithorhynchus anatinus (duck-billed platypus, ...) [[monotremes](#)] taxid 9258

ref|XM 001512417.1| PREDICTED: Ornithorhynchus anatinus si... 0.0

Gadus morhua [[bony fishes](#)] taxid 8049

[gb|GQ387053.1](#) Gadus morhua Bcl-X2 (Bcl-X2) mRNA, partial cds 0.0
[Lonchura striata](#) (white-backed munia) [[birds](#)] taxid 40157
[gb|DQ017953.1](#) Lonchura striata Bcl-xL (Bcl-xL) mRNA, comp... 0.0
[Cricetulus longicaudatus](#) (lesser long-tailed hamster, ...) [[rodents](#)] taxid 10030
[emb|AJ271720.1](#) Cricetulus longicaudatus mRNA for B-cell l... 0.0
[gb|AF404339.1|AF404339](#) Cricetulus longicaudatus B-cell lym... 0.0
[Taeniopygia guttata](#) (zebra finch) [[birds](#)] taxid 59729
[ref|XM_002193086.1](#) PREDICTED: Taeniopygia guttata BCL2-li... 0.0
[Gallus gallus](#) (bantam, ...) [[birds](#)] taxid 9031
[ref|NM_001025304.1](#) Gallus gallus BCL2-like 1 (BCL2L1), nu... 0.0
[gb|U26645.1|GGU26645](#) Gallus gallus bcl-x (bcl-x) mRNA, com... 0.0
[Pan troglodytes](#) [[primates](#)] taxid 9598
[ref|XM_514565.2](#) PREDICTED: Pan troglodytes BCL2-like 1, t... 0.0
[Macaca fascicularis](#) (cynomolgus monkey, ...) [[primates](#)] taxid 9541
[dbj|AB220511.1](#) Macaca fascicularis mRNA, clone QnpA-16956... 0.0

Taxonomy Report

```

root ..... 110 hits 33 orgs
. Eumetazoa ..... 103 hits 32 orgs [cellular organisms; Eukaryota; Fungi/Metazoa group; Metazoa]
. . Cnidaria ..... 10 hits 4 orgs
. . . Hexacorallia ..... 7 hits 2 orgs [Anthozoa]
. . . . Acropora millepora ..... 6 hits 1 orgs [Scleractinia; Astrocoeniina; Acroporidae; Acropora]
. . . . Nematostella vectensis ..... 1 hits 1 orgs [Actiniaria; Edwardsiidae; Nematostella]
. . . Hydra ..... 3 hits 2 orgs [Hydrozoa; Hydroida; Anthomedusae; Hydridae]
. . . . Hydra magnipapillata ..... 2 hits 1 orgs
. . . . Hydra vulgaris ..... 1 hits 1 orgs
. Deuterostomia ..... 93 hits 28 orgs [Bilateria; Coelomata]
. . Saccoglossus kowalevskii ..... 1 hits 1 orgs [Hemichordata; Enteropneusta; Harrimaniidae; Saccoglossus]
. . . Euteleostomi ..... 92 hits 27 orgs [Chordata; Craniata; Vertebrata; Gnathostomata; Teleostomi]
. . . . Tetrapoda ..... 82 hits 23 orgs [Sarcopterygii]
. . . . . Xenopus ..... 6 hits 2 orgs [Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidea; Pipidae; Xenopodinae]
. . . . . Xenopus (Silurana) tropicalis ..... 2 hits 1 orgs [Silurana]
. . . . . Xenopus laevis ..... 4 hits 1 orgs [Xenopus]
. . . . Amniota ..... 76 hits 21 orgs
. . . . . Mammalia ..... 72 hits 18 orgs
. . . . . . Theria ..... 71 hits 17 orgs
. . . . . . . Eutheria ..... 67 hits 16 orgs
. . . . . . . . Euarchontoglires ..... 50 hits 10 orgs
. . . . . . . . . Glires ..... 24 hits 4 orgs
. . . . . . . . . . Oryctolagus cuniculus ..... 1 hits 1 orgs [Lagomorpha; Leporidae; Oryctolagus]
. . . . . . . . . . Muroidea ..... 23 hits 3 orgs [Rodentia; Sciurognathi]
. . . . . . . . . . . Murinae ..... 21 hits 2 orgs [Muridae]
. . . . . . . . . . . . Rattus norvegicus ..... 7 hits 1 orgs [Rattus]
. . . . . . . . . . . . Mus musculus ..... 14 hits 1 orgs [Mus; Mus]
. . . . . . . . . . . . Cricetulus longicaudatus ..... 2 hits 1 orgs [Cricetidae; Cricetinae; Cricetulus]
. . . . . . . . . . . . . Smitiiformes ..... 26 hits 6 orgs [Primates; Haplorrhini]
. . . . . . . . . . . . . . Catarhini ..... 23 hits 5 orgs
. . . . . . . . . . . . . . . Hominidae ..... 16 hits 3 orgs [Hominoidea]
. . . . . . . . . . . . . . . . Homininae ..... 14 hits 2 orgs
. . . . . . . . . . . . . . . . . Homo sapiens ..... 13 hits 1 orgs [Homo]
. . . . . . . . . . . . . . . . . . Pan troglodytes ..... 1 hits 1 orgs [Pan]
. . . . . . . . . . . . . . . . . . . Pongo abelii ..... 2 hits 1 orgs [Ponginae; Pongo]
. . . . . . . . . . . . . . . . . . . . Macaca ..... 7 hits 2 orgs [Cercopithecoidea; Cercopithecidae; Cercopithecinae]
. . . . . . . . . . . . . . . . . . . . . Macaca mulatta ..... 6 hits 1 orgs
. . . . . . . . . . . . . . . . . . . . . . Macaca fascicularis ..... 1 hits 1 orgs
. . . . . . . . . . . . . . . . . . . . . . Callithrix jacchus ..... 3 hits 1 orgs [Platyrrhini; Cebidae; Callitrichinae; Callithrix]
. . . . . . . . . . . . . . . . . . . . . . . Laurasiatheria ..... 17 hits 6 orgs
. . . . . . . . . . . . . . . . . . . . . . . . Carnivora ..... 7 hits 3 orgs
. . . . . . . . . . . . . . . . . . . . . . . . . Caniformia ..... 6 hits 2 orgs
. . . . . . . . . . . . . . . . . . . . . . . . . . Canis lupus familiaris ..... 5 hits 1 orgs [Canidae; Canis; Canis lupus]
. . . . . . . . . . . . . . . . . . . . . . . . . . . Ailuropoda melanoleuca ..... 1 hits 1 orgs [Ursidae; Ailuropoda]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . Felis catus ..... 1 hits 1 orgs [Feliformia; Felidae; Felinae; Felis]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . Cetartiodactyla ..... 9 hits 2 orgs
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Sus scrofa ..... 2 hits 1 orgs [Suina; Suidae; Sus]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Bos taurus ..... 7 hits 1 orgs [Ruminantia; Pecora; Bovidae; Bovinae; Bos]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Equus caballus ..... 1 hits 1 orgs [Perissodactyla; Equidae; Equus; Equus subg. Equus]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Monodelphis domestica ..... 4 hits 1 orgs [Metatheria; Didelphimorphia; Didelphidae; Didelphinae; Monodelphis]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Ornithorhynchus anatinus ..... 1 hits 1 orgs [Prototheria; Monotremata; Ornithorhynchidae; Ornithorhynchus]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Neognathae ..... 4 hits 3 orgs [Sauropsida; Sauria; Archosauria; Dinosauria; Theropoda; Coelur]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Estrildinae ..... 2 hits 2 orgs [Passeriformes; Passeroidea; Estrildidae]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Lonchura striata ..... 1 hits 1 orgs [Lonchura]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Taeniopygia guttata ..... 1 hits 1 orgs [Taeniopygia]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Gallus gallus ..... 2 hits 1 orgs [Galliformes; Phasianidae; Phasianinae; Gallus]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Clupeocephala ..... 10 hits 4 orgs [Actinopterygii; Actinopteri; Neopterygii; Teleostei; Elopoecephala]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Holacanthopterygii ..... 2 hits 2 orgs [Euteleostei; Neognathi; Neoteleostei; Eurypterygii; Ctenosquamata; Acantho]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Odontesthes bonariensis ..... 1 hits 1 orgs [Acanthopterygii; Euacanthopterygii; Percomorpha; Smegmamorpha; Atherinomor]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Gadus morhua ..... 1 hits 1 orgs [Paracanthopterygii; Gadiformes; Gadidae; Gadus]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Cyprinidae ..... 8 hits 2 orgs [Otocephala; Ostariophysi; Otophysi; Cypriniphysi; Cypriniformes; Cyprinoid]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Danio rerio ..... 7 hits 1 orgs [Danio]
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Gobio gobio ..... 1 hits 1 orgs [Gobio]
. synthetic construct ..... 7 hits 1 orgs [other sequences; artificial sequences]
  
```

BLAST

Basic Local Alignment Search Tool

[Jump to Page Content](#)

Job Title: (2) - EZ037140

•

Tax BLAST Report

Index

- [Lineage Report](#)
- [Organism Report](#)
- [Taxonomy Report](#)
- [Help](#)

Lineage Report

root		
• Metazoa	[animals]	
• Eumetazoa	[animals]	
• Cnidaria	[cnidarians]	
• Hexacorallia	[anthozoans]	
• Acropora millepora	-----	1 hit [stony corals] TSA: Acropora millepora SeqIndex7167, mRNA sequence
• Nematostella vectensis	-----	1 hit [sea anemones] Nematostella vectensis predicted protein (NEMVEDRAFT_v1g1
• Hydra magnipapillata	-----	2 hits [hydrozoans] PREDICTED: Hydra magnipapillata similar to bak (LOC100208
• Hydra vulgaris	-----	2 hits [hydrozoans] Hydra vulgaris bak mRNA, complete cds
• Branchiostoma floridae	-----	1 hit [lancelets] Branchiostoma floridae hypothetical protein, mRNA
• Strongylocentrotus purpuratus (purple urchin)	-----	2 hits [sea urchins] PREDICTED: Strongylocentrotus purpuratus similar to Bak p
• Monodelphis domestica	-----	1 hit [marsupials] PREDICTED: Monodelphis domestica similar to Bcl-2 antagon
• Gallus gallus (bantam)	-----	3 hits [birds] Gallus gallus BCL2-antagonist/killer 1 (BAK1), mRNA >gi6
• Ailuropoda melanoleuca	-----	2 hits [carnivores] PREDICTED: Ailuropoda melanoleuca bcl-2 homologous antago
• Callithrix jacchus (common marmoset)	-----	4 hits [primates] PREDICTED: Callithrix jacchus bcl-2 homologous antagonist
• Canis lupus familiaris (dogs)	-----	2 hits [carnivores] Canis lupus familiaris BCL2-antagonist/killer 1 (BAK1), m
• Oryctolagus cuniculus (domestic rabbit)	-----	1 hit [rabbits & hares] PREDICTED: Oryctolagus cuniculus BCL2-antagonist/killer 1
• Ovis aries (domestic sheep)	-----	1 hit [even-toed ungulates] Ovis aries Bak protein mRNA, partial cds
• Homo sapiens (man)	-----	22 hits [primates] Homo sapiens BCL2-antagonist/killer 1 (BAK1), mRNA
• Pan troglodytes	-----	4 hits [primates] PREDICTED: Pan troglodytes BCL2-antagonist/killer 1, tran
• Macaca mulatta (rhesus macaque)	-----	8 hits [primates] PREDICTED: Macaca mulatta BCL2-antagonist/killer 1, trans
• Bos taurus (cow)	-----	9 hits [even-toed ungulates] Bos taurus BCL2-antagonist/killer 1 (BAK1), mRNA, complet
• Sus scrofa (wild boar)	-----	2 hits [even-toed ungulates] PREDICTED: Sus scrofa Bak protein (BAK), mRNA
• Patiria miniata	-----	1 hit [starfish] TSA: Patiria miniata isotig20647.Pminagast mRNA sequence
• Equus caballus (equine)	-----	2 hits [odd-toed ungulates] PREDICTED: Equus caballus similar to Bcl-2 antagonist/kil
• Pongo abelii (Orang-utan)	-----	3 hits [primates] PREDICTED: Pongo abelii bcl-2 homologous antagonist/kille
• Mus musculus (mouse)	-----	6 hits [rodents] Mus musculus BCL2-antagonist/killer 1 (Bak1), mRNA
• Rattus norvegicus (brown rat)	-----	3 hits [rodents] Rattus norvegicus BCL2-antagonist/killer 1 (Bak1), mRNA >
• Cricetulus griseus (Chinese hamsters)	-----	2 hits [rodents] Cricetulus griseus Bak mRNA, complete cds
• Xenopus (Silurana) tropicalis	-----	1 hit [frogs & toads] PREDICTED: Xenopus (Silurana) tropicalis bcl-2 homologous
• Xenopus laevis (common platanna)	-----	2 hits [frogs & toads] Xenopus laevis BCL2-antagonist/killer 1 (bak1), mRNA >gi
• Saccoglossus kowalevskii	-----	1 hit [hemichordates] PREDICTED: Saccoglossus kowalevskii predicted Bcl-2 prote
• Saimiri boliviensis	-----	1 hit [primates] Saimiri boliviensis BCL2-like protein 1 (Bcl2L1) mRNA, cc
• Aotus vociferans (Spix's night monkey)	-----	1 hit [primates] Aotus vociferans BCL2-like protein 1 (Bcl2L1) mRNA, compl
• Taeniopygia guttata (zebra finch)	-----	1 hit [birds] PREDICTED: Taeniopygia guttata BCL2-like 1 (LOC100224900)
• Felis catus (cat)	-----	1 hit [carnivores] Felis catus BCL2L1 (BCL2L1) mRNA, partial cds
• Spermophilus tridecemlineatus	-----	1 hit [rodents] Spermophilus tridecemlineatus Bcl-XL (Bcl-XL) mRNA, parti
• Trichoplax adhaerens	-----	1 hit [placozoans] Trichoplax adhaerens expressed hypothetical protein, mRNA
• synthetic construct	-----	11 hits [other sequences] Synthetic construct Homo sapiens clone IMAGE:100010199; F

Organism Report

Acropora millepora [stony corals] taxid 45264 gb EZ037140.1 TSA: Acropora millepora SeqIndex7167, mRNA ...	0.0
Nematostella vectensis [sea anemones] taxid 45351 ref XM 001641905.1 Nematostella vectensis predicted prote...	0.0
Branchiostoma floridae [lancelets] taxid 7739 ref XM 002589394.1 Branchiostoma floridae hypothetical pr...	0.0
Hydra magnipapillata [hydrozoans] taxid 6085 ref XM 002160789.1 PREDICTED: Hydra magnipapillata simila... ref XM 002167542.1 PREDICTED: Hydra magnipapillata simila...	0.0 0.0
Hydra vulgaris [hydrozoans] taxid 6087 gb EF104645.1 Hydra vulgaris bak mRNA, complete cds gb EU035764.1 Hydra vulgaris bcl-2-like 4 mRNA, complete cds	0.0 0.0
Strongylocentrotus purpuratus (purple urchin, ...) [sea urchins] taxid 7668 ref XM 001204408.1 PREDICTED: Strongylocentrotus purpurat... ref XM 788104.1 PREDICTED: Strongylocentrotus purpuratus ...	0.0 0.0
Monodelphis domestica [marsupials] taxid 13616 ref XM 001377739.1 PREDICTED: Monodelphis domestica simil...	0.0
Gallus gallus (bantam, ...) [birds] taxid 9031 ref NM 001030920.1 Gallus gallus BCL2-antagonist/killer 1... emb AJ851496.1 Gallus gallus mRNA for hypothetical protei... gb AC161468.2 Gallus gallus BAC clone CH261-94J19 from ch...	0.0 0.0 0.0
Ailuropoda melanoleuca [carnivores] taxid 9646 ref XM 002914323.1 PREDICTED: Ailuropoda melanoleuca bcl-... ref XM 002918283.1 PREDICTED: Ailuropoda melanoleuca bcl-...	0.0 0.0
Callithrix jacchus (common marmoset, ...) [primates] taxid 9483 ref XM 002746436.1 PREDICTED: Callithrix jacchus bcl-2 ho... ref XM 002747334.1 PREDICTED: Callithrix jacchus bcl-2-li... ref XM 002747333.1 PREDICTED: Callithrix jacchus bcl-2-li... ref XM 002747332.1 PREDICTED: Callithrix jacchus bcl-2-li...	0.0 0.0 0.0 0.0
Canis lupus familiaris (dogs) [carnivores] taxid 9615 ref NM 001020808.1 Canis lupus familiaris BCL2-antagonist... gb DQ002813.1 Canis familiaris Bcl-2 antagonist/killer pr...	0.0 0.0
Oryctolagus cuniculus (domestic rabbit, ...) [rabbits & hares] taxid 9986	

ref|XM 002714580.1| PREDICTED: *Oryctolagus cuniculus* BCL2-... 0.0

Ovis aries (domestic sheep, ...) [[even-toed ungulates](#)] taxid 9940
gb|AF164518.1|AF164518 *Ovis aries* Bak protein mRNA, partia... 0.0

Human sapiens (man) [[primates](#)] taxid 9606
ref|NM 001188.3| Homo sapiens BCL2-antagonist/killer 1 (BA... 0.0
gb|BC004431.1| Homo sapiens BCL2-antagonist/killer 1, mRNA... 0.0
gb|BC032789.1| Homo sapiens cDNA clone IMAGE:5213984, cont... 0.0
gb|U16811.1|HSU16811 Human Bak mRNA, complete cds 0.0
emb|CR615881.1| full-length cDNA clone CSODC002YE18 of Neu... 0.0
emb|CR600490.1| full-length cDNA clone CSODL011YK12 of B c... 0.0
dbj|AK091807.1| Homo sapiens cDNA FLJ34488 fis, clone HLUN... 0.0
emb|CR615932.1| full-length cDNA clone CSODI010YJ01 of Pla... 0.0
gb|U23765.1|HSU23765 Human Bak protein mRNA, complete cds 0.0
dbj|AK293547.1| Homo sapiens cDNA FLJ55169 complete cds, h... 0.0
emb|X84213.1| H.sapiens BAK mRNA for BCL-2 homologue 0.0
emb|CR457419.1| Homo sapiens full open reading frame cDNA ... 0.0
gb|AF520590.1| Homo sapiens pro-apoptotic protein BAKM var... 0.0
emb|BX640505.3| Human DNA sequence from clone WI2-82760E2 ... 0.0
gb|U16812.1|HSU16812 Human Bak-2 gene, complete cds 0.0
ref|NG 000850.5| Homo sapiens BCL2-antagonist/killer 1 pse... 0.0
ref|XM 002348050.2| PREDICTED: Homo sapiens putative Bcl-2... 0.0
dbj|AK292093.1| Homo sapiens cDNA FLJ75165 complete cds, h... 0.0
gb|BC110337.1| Homo sapiens BCL2-antagonist/killer 1, mRNA... 0.0
emb|CR627020.1| Homo sapiens mRNA; cDNA DKFZp686D0345 (fro... 0.0
gb|AY260471.1| Homo sapiens BCL2-antagonist/killer 1 (BAK1... 0.0
emb|Z93017.6| Human DNA sequence from clone RPL-291J10 on ... 0.0

Pan troglodytes [[primates](#)] taxid 9598
ref|XM 518407.2| PREDICTED: Pan troglodytes BCL2-antagonis... 0.0
ref|XM 001171325.1| PREDICTED: Pan troglodytes BCL2-antago... 0.0
gb|AC191941.3| Pan troglodytes BAC clone CH251-384C22 from... 0.0
ref|XM 514565.2| PREDICTED: Pan troglodytes BCL2-like 1, t... 0.0

Macaca mulatta (rhesus macaque, ...) [[primates](#)] taxid 9544
ref|XM 001090570.2| PREDICTED: Macaca mulatta BCL2-antagon... 0.0
ref|XM 002803988.1| PREDICTED: Macaca mulatta BCL2-antagon... 0.0
ref|XM 002803989.1| PREDICTED: Macaca mulatta BCL2-antagon... 0.0
ref|XM 001110113.2| PREDICTED: Macaca mulatta bcl-2-like p... 0.0
ref|XM 001110062.2| PREDICTED: Macaca mulatta bcl-2-like p... 0.0
ref|XM 001110205.2| PREDICTED: Macaca mulatta bcl-2-like p... 0.0
ref|XM 001110326.1| PREDICTED: Macaca mulatta bcl-2-like p... 0.0
ref|XM 001110285.1| PREDICTED: Macaca mulatta bcl-2-like p... 0.0

synthetic construct [[other sequences](#)] taxid 32630
gb|DQ895739.2| Synthetic construct Homo sapiens clone IMAG... 0.0
gb|DQ895257.2| Synthetic construct clone IMAGE:100005157; ... 0.0
dbj|AB590158.1| Synthetic construct DNA, clone: pFN21AB694... 0.0
gb|AY893853.1| Synthetic construct Homo sapiens clone FLH0... 0.0
gb|AY893403.1| Synthetic construct Homo sapiens clone FLH0... 0.0
gb|AY889585.1| Synthetic construct Homo sapiens clone FLH1... 0.0
dbj|AB528577.1| Synthetic construct DNA, clone: pFKB6997,... 0.0
emb|CU678721.1| Synthetic construct Homo sapiens gateway c... 0.0
dbj|AB464466.1| Synthetic construct DNA, clone: pFKB8901,... 0.0
gb|DQ896311.2| Synthetic construct Homo sapiens clone IMAG... 0.0
gb|DQ893461.2| Synthetic construct clone IMAGE:100006091; ... 0.0

Bos taurus (cow, ...) [[even-toed ungulates](#)] taxid 9913
gb|BT030701.1| Bos taurus BCL2-antagonist/killer 1 (BAK1),... 0.0
gb|BC146049.1| Bos taurus BCL2-antagonist/killer 1, mRNA (... 0.0
ref|NM 001077918.1| Bos taurus BCL2-antagonist/killer 1 (B... 0.0
dbj|AB238939.1| Bos taurus BAK1 mRNA for Bcl-2 homologous ... 0.0
gb|HM630302.1| Bos taurus BCL2-like protein 1 (Bcl2L1) mRNA... 0.0
gb|BC147863.1| Bos taurus BCL2-like 1, mRNA (cDNA clone MG... 0.0
ref|NM 001077486.2| Bos taurus BCL2-like 1 (BCL2L1), nucle... 0.0
gb|BC133281.1| Bos taurus BCL2-like 1, mRNA (cDNA clone MG... 0.0
dbj|AB238936.1| Bos taurus BCL2L1 mRNA for BCL2-like 1 tra... 0.0

Sus scrofa (wild boar, ...) [[even-toed ungulates](#)] taxid 9823
ref|XM 001928147.2| PREDICTED: Sus scrofa Bak protein (BAK... 0.0
emb|CU498854.16| Pig DNA sequence from clone CH242-216B14 ... 0.0

Patiria miniata [[starfish](#)] taxid 46514
gb|HP125449.1| TSA: Patiria miniata isotig20647.Pminagast ... 0.0

Equus caballus (equine, ...) [[odd-toed ungulates](#)] taxid 9796
ref|XM 001497824.1| PREDICTED: Equus caballus similar to B... 0.0
ref|XM 001499714.1| PREDICTED: Equus caballus similar to B... 0.0

Pongo abelii (Orang-utan, ...) [[primates](#)] taxid 9601
ref|XM 002824315.1| PREDICTED: Pongo abelii bcl-2 homologo... 0.0
ref|XM 002816764.1| PREDICTED: Pongo abelii bcl-2 homologo... 0.0
ref|XM 002830190.1| PREDICTED: Pongo abelii bcl-2-like pro... 0.0

Mus musculus (mouse) [[rodents](#)] taxid 10090
ref|NM 007523.2| Mus musculus BCL2-antagonist/killer 1 (Ba... 0.0
emb|Y13231.1| Mus musculus mRNA for Bak 0.0
dbj|AK089220.1| Mus musculus NOD-derived CD11c +ve dendrit... 0.0
gb|BC057589.1| Mus musculus BCL2-antagonist/killer 1, mRNA... 0.0
gb|AF402617.1|AF402617 Mus musculus N-BAK1 (Bak1) mRNA, co... 0.0
ref|NM 009743.4| Mus musculus BCL2-like 1 (Bcl2l1), nuclea... 0.0

Rattus norvegicus (brown rat, ...) [[rodents](#)] taxid 10116
ref|NM 053812.1| Rattus norvegicus BCL2-antagonist/killer ... 0.0
gb|AF259504.1| Rattus norvegicus BAK protein (Bak) mRNA, c... 0.0
gb|BC089784.1| Rattus norvegicus BCL2-antagonist/killer 1,... 0.0

Cricetulus griseus (Chinese hamsters) [[rodents](#)] taxid 10029
gb|EF104644.1| Cricetulus griseus Bak mRNA, complete cds 0.0
gb|EU596590.1| Cricetulus griseus Bcl-xL mRNA, complete cds 0.0

Xenopus (Silurana) tropicalis [[frogs & toads](#)] taxid 8364
ref|XM 002936222.1| PREDICTED: Xenopus (Silurana) tropical... 0.0

Xenopus laevis (common platanna, ...) [[frogs & toads](#)] taxid 8355
ref|NM 001096118.1| Xenopus laevis BCL2-antagonist/killer ... 0.0
gb|BC099018.1| Xenopus laevis hypothetical protein MGC1154... 0.0

Trichoplax adhaerens [placozoans] taxid 10228		
ref XM_002117760.1 Trichoplax adhaerens expressed hypothe...	___	0.0
Saccoglossus kowalevskii [hemichordates] taxid 10224		
ref XM_002740743.1 PREDICTED: Saccoglossus kowalevskii pr...	___	0.0
Saimiri boliviensis [primates] taxid 27679		
gb HM630305.1 Saimiri boliviensis BCL2-like protein 1 (Bc...	___	0.0
Aotus vociferans (Spix's night monkey) [primates] taxid 57176		
gb HM630303.1 Aotus vociferans BCL2-like protein 1 (Bcl2L...	___	0.0
Taeniopygia guttata (zebra finch) [birds] taxid 59729		
ref XM_002193086.1 PREDICTED: Taeniopygia guttata BCL2-li...	___	0.0
Felis catus (cat, ...) [carnivores] taxid 9685		
gb DQ926873.1 Felis catus BCL2L1 (BCL2L1) mRNA, partial cds	___	0.0
Spermophilus tridecemlineatus [rodents] taxid 43179		
gb DQ503423.1 Spermophilus tridecemlineatus Bcl-XL (Bcl-X...	___	0.0

Taxonomy Report

root	106 hits	34 orgs	
Metazoa	95 hits	33 orgs	[cellular organisms; Eukaryota; Fungi/Metazoa group]
Eumetazoa	94 hits	32 orgs	
Cnidaria	6 hits	4 orgs	
Hexacorallia	2 hits	2 orgs	[Anthozoa]
Acropora millepora	1 hits	1 orgs	[Scleractinia; Astrocoeniina; Acroporidae; Acropora]
Nematostella vectensis	1 hits	1 orgs	[Actiniaria; Edwardsiidae; Nematostella]
Hydra	4 hits	2 orgs	[Hydrozoa; Hydroida; Anthomedusae; Hydridae]
Hydra magnipapillata	2 hits	1 orgs	
Hydra vulgaris	2 hits	1 orgs	
Deuterostomia	88 hits	28 orgs	[Bilateria; Coelomata]
Chordata	84 hits	25 orgs	
Branchiostoma floridae	1 hits	1 orgs	[Cephalochordata; Branchiostomidae; Branchiostoma]
Tetrapoda	83 hits	24 orgs	[Craniata; Vertebrata; Gnathostomata; Teleostomi; Euteleostomi; Sarcop]
Amniota	80 hits	22 orgs	
Theria	76 hits	20 orgs	[Mammalia]
Monodelphis domestica	1 hits	1 orgs	[Metatheria; Didelphimorphia; Didelphidae; Didelphinae; Monodelphis]
Eutheria	75 hits	19 orgs	
Laurasiatheria	19 hits	7 orgs	
Carnivora	5 hits	3 orgs	
Caniformia	4 hits	2 orgs	
Ailuropoda melanoleuca	2 hits	1 orgs	[Ursidae; Ailuropoda]
Canis lupus familiaris	2 hits	1 orgs	[Canidae; Canis; Canis lupus]
Felis catus	1 hits	1 orgs	[Feliformia; Felidae; Felinae; Felis]
Cetartiodactyla	12 hits	3 orgs	
Bovidae	10 hits	2 orgs	[Ruminantia; Pecora]
Ovis aries	1 hits	1 orgs	[Caprinae; Ovis]
Bos taurus	9 hits	1 orgs	[Bovinae; Bos]
Sus scrofa	2 hits	1 orgs	[Suina; Suidae; Sus]
Equus caballus	2 hits	1 orgs	[Perissodactyla; Equidae; Equus; Equus subg. Equus]
Euarchontoglires	56 hits	12 orgs	
Simiiformes	43 hits	7 orgs	[Primates; Haplorrhini]
Platyrrhini	6 hits	3 orgs	
Cebidae	5 hits	2 orgs	
Callithrix jacchus	4 hits	1 orgs	[Callitrichinae; Callithrix]
Saimiri boliviensis	1 hits	1 orgs	[Saimiriinae; Saimiri]
Aotus vociferans	1 hits	1 orgs	[Aotidae; Aotus]
Catarrhini	37 hits	4 orgs	
Hominoidea	29 hits	3 orgs	[Hominoidea]
Homininae	26 hits	2 orgs	
Homo sapiens	22 hits	1 orgs	[Homo]
Pan troglodytes	4 hits	1 orgs	[Pan]
Pongo abelii	3 hits	1 orgs	[Ponginae; Pongo]
Macaca mulatta	8 hits	1 orgs	[Cercopithecoidea; Cercopithecidae; Cercopithecinae; Macaca]
Glires	13 hits	5 orgs	
Oryctolagus cuniculus	1 hits	1 orgs	[Lagomorpha; Leporidae; Oryctolagus]
Sciurognathi	12 hits	4 orgs	[Rodentia]
Muroidea	11 hits	3 orgs	
Murinae	9 hits	2 orgs	[Muridae]
Mus musculus	6 hits	1 orgs	[Mus; Mus]
Rattus norvegicus	3 hits	1 orgs	[Rattus]
Cricetulus griseus	2 hits	1 orgs	[Cricetidae; Cricetinae; Cricetulus]
Spermophilus tridecemlineatus	1 hits	1 orgs	[Sciuridae; Xerinae; Marmotini; Spermophilus]
Neognathae	4 hits	2 orgs	[Sauropsida; Sauria; Archosauria; Dinosauria; Saurischia; Theropoda; C]
Gallus gallus	3 hits	1 orgs	[Galliformes; Phasianidae; Phasianinae; Gallus]
Taeniopygia guttata	1 hits	1 orgs	[Passeriformes; Passeroidea; Estrildidae; Estrildinae; Taeniopygia]
Xenopus	3 hits	2 orgs	[Amphibia; Batrachia; Anura; Mesobatrachia; Pipioidea; Pipidae; Xenopod]
Xenopus (Silurana) tropicalis	1 hits	1 orgs	[Silurana]
Xenopus laevis	2 hits	1 orgs	[Xenopus]
Eleutherozoa	3 hits	2 orgs	[Echinodermata]
Strongylocentrotus purpuratus	2 hits	1 orgs	[Echinozoa; Echinoidea; Euechinoidea; Echinacea; Echinoida; Strongyloc]
Patiria miniata	1 hits	1 orgs	[Asterozoa; Asteroidea; Valvataceae; Valvatida; Asterinidae; Patiria]
Saccoglossus kowalevskii	1 hits	1 orgs	[Hemichordata; Enteropneusta; Harrimanidae; Saccoglossus]
Trichoplax adhaerens	1 hits	1 orgs	[Placozoa; Trichoplax]
synthetic construct	11 hits	1 orgs	[other sequences; artificial sequences]

BLAST

Basic Local Alignment Search Tool

[Jump to Page Content](#)

Job Title: EZ034459

Tax BLAST Report

Index

- [Lineage Report](#)
- [Organism Report](#)
- [Taxonomy Report](#)
- [Help](#)

Lineage Report

root		
· Metazoa	[animals]	
· Eumetazoa	[animals]	
· Cnidaria	[cnidarians]	
· Hexacorallia	[anthozoans]	
· Acropora millepora	-----	1 hit [stony corals] TSA: Acropora millepora SeqIndex6501, mRNA sequence
· Nematostella vectensis	-----	1 hit [sea anemones] Nematostella vectensis predicted protein (NEMVEDRAFT_v1q1
· Hydra magnipapillata	-----	2 hits [hydrozoans] PREDICTED: Hydra magnipapillata similar to predicted prot
· Ciona intestinalis	-----	2 hits [tunicates] PREDICTED: Ciona intestinalis similar to Bcl2-associated
· Crepidula fornicata	-----	1 hit [gastropods] TSA: Crepidula fornicata 8158.Cfedg
· Monodelphis domestica	-----	1 hit [marsupials] PREDICTED: Monodelphis domestica similar to Bax alpha (LO
· Strongylocentrotus purpuratus (purple urchin)	-----	2 hits [sea urchins] PREDICTED: Strongylocentrotus purpuratus similar to Bax a
· Plakobranthus ocellatus	-----	1 hit [gastropods] TSA: Plakobranthus ocellatus 26778.Plocadul mRNA sequenc
· Mus musculus (mouse)	-----	8 hits [rodents] Mus musculus osteoclast-like cell cDNA, RIKEN full-length
· Sus scrofa (wild boar)	-----	1 hit [even-toed ungulates] Sus scrofa partial mRNA for Bax-alpha protein
· Tetraodon nigroviridis	-----	2 hits [bony fishes] Tetraodon nigroviridis full-length cDNA
· Canis lupus familiaris (dogs)	-----	2 hits [carnivores] Canis lupus familiaris BCL2-associated X protein (BAX), m
· Felis catus (cat)	-----	2 hits [carnivores] Felis catus BCL2-associated X protein (BAX), mRNA >gi 255
· Bos taurus (cow)	-----	4 hits [even-toed ungulates] Bos taurus BCL2-associated X protein (BAX), mRNA >gi 1938
· Ovis aries (domestic sheep)	-----	1 hit [even-toed ungulates] Ovis aries BCL2-associated protein Bax (Bax) mRNA, partia
· Callithrix jacchus (common marmoset)	-----	1 hit [primates] PREDICTED: Callithrix jacchus apoptosis regulator BAX-lik
· Cervus elaphus (elk)	-----	1 hit [even-toed ungulates] Cervus elaphus bax mRNA, partial cds
· Pan troglodytes	-----	1 hit [primates] PREDICTED: Pan troglodytes similar to Bax alpha (LOC74709
· Homo sapiens (man)	-----	21 hits [primates] Homo sapiens BCL2-associated X protein (BAX), transcript
· Macaca mulatta (rhesus macaque)	-----	4 hits [primates] PREDICTED: Macaca mulatta BCL2-associated X protein, tran
· Rattus norvegicus (brown rat)	-----	8 hits [rodents] Rattus norvegicus Bcl2-associated X protein (Bax), mRNA >
· Danio rerio (zebra fish)	-----	4 hits [bony fishes] Danio rerio bcl2-associated X protein, a (baxa), mRNA >gi
· Xenopus laevis (common platanna)	-----	5 hits [frogs & toads] Xenopus laevis BCL2-associated X protein (bax), mRNA >gi
· Oryctolagus cuniculus (domestic rabbit)	-----	3 hits [rabbits & hares] PREDICTED: Oryctolagus cuniculus BCL2-associated X protei
· Xenopus (Silurana) tropicalis	-----	3 hits [frogs & toads] Xenopus tropicalis finished cDNA, clone TGas091104
· Rattus sp. (rats)	-----	1 hit [rodents] bax=apoptosis inducer [rats, ovary, mRNA Partial, 402 nt]
· Cricetulus griseus (Chinese hamsters)	-----	1 hit [rodents] Cricetulus griseus Bax mRNA, complete cds
· Mesocricetus auratus (Syrian hamster)	-----	1 hit [rodents] Mesocricetus auratus partial mRNA for Bcl-2 associated pr
· Ictalurus punctatus	-----	1 hit [bony fishes] Ictalurus punctatus clone CBZB25609 apoptosis regulator b
· Epinephelus coioides (estuary rock cod)	-----	1 hit [bony fishes] Epinephelus coioides bcl2-associated X (BAX) mRNA, partia
· Ailurogobius melanoleuca	-----	1 hit [carnivores] PREDICTED: Ailurogobius melanoleuca apoptosis regulator BAX
· Taeniopygia guttata (zebra finch)	-----	1 hit [birds] PREDICTED: Taeniopygia guttata similar to BCL2-associated
· Bos grunniens (yak)	-----	1 hit [even-toed ungulates] Bos grunniens apoptosis regulator bax-alpha (bax) mRNA, p
· Ictalurus furcatus	-----	2 hits [bony fishes] TSA: Ictalurus furcatus Contig02971.Icfu mRNA sequence
· Oncorhynchus mykiss	-----	1 hit [bony fishes] Oncorhynchus mykiss clone omyk-evo-502-314 Apoptosis regu
· Gallus gallus (bantam)	-----	1 hit [birds] Gallus gallus myeloid cell leukemia protein MCL-1 mRNA, p
· Salmo salar	-----	5 hits [bony fishes] Salmo salar clone ssal-eve-501-321 Apoptosis regulator BA
· Trichoplax adhaerens	-----	1 hit [placozoans] Trichoplax adhaerens hypothetical protein, mRNA
· synthetic construct	-----	7 hits [other sequences] Synthetic construct Homo sapiens gateway clone IMAGE:1000

Organism Report

Acropora millepora [stony corals] taxid 45264	
gb EZ034459.1 TSA: Acropora millepora SeqIndex6501, mRNA ...	0.0
Nematostella vectensis [sea anemones] taxid 45351	
ref XM_001634806.1 Nematostella vectensis predicted prote...	0.0
Hydra magnipapillata [hydrozoans] taxid 6085	
ref XM_002157424.1 PREDICTED: Hydra magnipapillata simila...	0.0
ref XM_002158033.1 PREDICTED: Hydra magnipapillata simila...	0.0
Trichoplax adhaerens [placozoans] taxid 10228	
ref XM_002107647.1 Trichoplax adhaerens hypothetical prot...	0.0
Ciona intestinalis [tunicates] taxid 7719	
ref XM_002122967.1 PREDICTED: Ciona intestinalis similar ...	0.0
dbj AK116369.1 Ciona intestinalis cDNA, clone:citb036h13,...	0.0
Crepidula fornicata [gastropods] taxid 176853	
gb EZ548265.1 TSA: Crepidula fornicata 8158.Cfedg	0.0
Monodelphis domestica [marsupials] taxid 13616	
ref XM_001379887.1 PREDICTED: Monodelphis domestica simil...	0.0
Strongylocentrotus purpuratus (purple urchin, ...) [sea urchins] taxid 7668	
ref XM_001188066.1 PREDICTED: Strongylocentrotus purpurat...	0.0
ref XM_786025.2 PREDICTED: Strongylocentrotus purpuratus ...	0.0
Plakobranthus ocellatus [gastropods] taxid 259542	
gb HP190622.1 TSA: Plakobranthus ocellatus 26778.Plocadul...	0.0
Mus musculus (mouse) [rodents] taxid 10090	
dbj AK159233.1 Mus musculus osteoclast-like cell cDNA, RI...	0.0
gb AY095934.1 Mus musculus Bcl2-associated X protein kapp...	0.0
ref NM_007527.3 Mus musculus BCL2-associated X protein (B...	0.0
gb BC018228.1 Mus musculus BCL2-associated X protein, mRN...	0.0
gb BC053380.1 Mus musculus BCL2-associated X protein, mRNA...	0.0
dbj AK013298.1 Mus musculus 10, 11 days embryo whole body...	0.0
dbj AK149994.1 Mus musculus bone marrow macrophage cDNA, ...	0.0
gb L22472.1 MUSBAXA Mouse Bax alpha mRNA, complete cds	0.0

[Sus scrofa](#) (wild boar, ...) [[even-toed ungulates](#)] taxid 9823
emb|AJ606301.1| Sus scrofa partial mRNA for Bax-alpha protein 0.0

[Tetraodon nigroviridis](#) [[bony fishes](#)] taxid 99883
emb|CR696948.1| Tetraodon nigroviridis full-length cDNA 0.0
emb|CR668488.2| Tetraodon nigroviridis full-length cDNA 0.0

[Canis lupus familiaris](#) (dogs) [[carnivores](#)] taxid 9615
ref|NM_001003011.1| Canis lupus familiaris BCL2-associated... 0.0
dbj|AB080230.1| Canis lupus familiaris mRNA for Bax, compl... 0.0

[Felis catus](#) (cat, ...) [[carnivores](#)] taxid 9685
ref|NM_001009282.1| Felis catus BCL2-associated X protein ... 0.0
dbj|AB080724.2| Felis catus mRNA for bax-protein, complete... 0.0

[Bos taurus](#) (cow, ...) [[even-toed ungulates](#)] taxid 9913
ref|NM_173894.1| Bos taurus BCL2-associated X protein (BAX... 0.0
gb|U92569.1|BTU92569 Bos taurus apoptosis regulator bax-al... 0.0
ref|NM_001191220.1| Bos taurus BCL2-associated X protein (... 0.0
ref|XM_002701934.1| PREDICTED: Bos taurus BCL2-associated ... 0.0

[Ovis aries](#) (domestic sheep, ...) [[even-toed ungulates](#)] taxid 9940
gb|AF163774.1|AF163774 Ovis aries Bcl2-associated protein ... 0.0

[Callithrix jacchus](#) (common marmoset, ...) [[primates](#)] taxid 9483
ref|XM_002807856.1| PREDICTED: Callithrix jacchus apoptosi... 0.0

[Cervus elaphus](#) (elk) [[even-toed ungulates](#)] taxid 9860
gb|AF512030.1| Cervus elaphus bax mRNA, partial cds 0.0

[Pan troglodytes](#) [[primates](#)] taxid 9598
ref|XM_001155879.1| PREDICTED: Pan troglodytes similar to ... 0.0

[Homo sapiens](#) (man) [[primates](#)] taxid 9606
ref|NM_138761.3| Homo sapiens BCL2-associated X protein (B... 0.0
gb|BC014175.2| Homo sapiens BCL2-associated X protein, mRN... 0.0
dbj|AK291076.1| Homo sapiens cDNA FLJ77115 complete cds, h... 0.0
emb|CR595189.1| full-length cDNA clone CS0DE013YL22 of Pla... 0.0
gb|L22473.1|HUMBAXA Human Bax alpha mRNA, complete cds 0.0
emb|AJ417988.1| Homo sapiens mRNA for bax isoform psi (BAX... 0.0
ref|NM_138763.3| Homo sapiens BCL2-associated X protein (B... 0.0
gb|U19599.1|HSU19599 Human (BAX delta) mRNA, complete cds 0.0
gb|AF250190.1|AF250190 Homo sapiens Bax zeta mRNA, complet... 0.0
ref|NR_027882.1| Homo sapiens BCL2-associated X protein (B... 0.0
gb|AF007826.1|AF007826 Homo sapiens bax epsilon mRNA, comp... 0.0
ref|NM_004324.3| Homo sapiens BCL2-associated X protein (B... 0.0
gb|L22474.1|HUMBAXB Human Bax beta mRNA, complete cds 0.0
emb|AJ586910.1| Homo sapiens partial mRNA for bax protein ... 0.0
emb|AJ586909.1| Homo sapiens partial mRNA for bax protein ... 0.0
ref|NM_138764.4| Homo sapiens BCL2-associated X protein (B... 0.0
gb|AF247393.1|AF247393 Homo sapiens bax-sigma mRNA, comple... 0.0
gb|AY217036.1| Homo sapiens BCL2-associated X protein (BAX... 0.0
ref|NG_012191.1| Homo sapiens BCL2-associated X protein (B... 0.0
gb|AC015871.7| Homo sapiens chromosome 15, clone RP11-81A1... 0.0
dbj|AK304026.1| Homo sapiens cDNA FLJ60214 complete cds, h... 0.0

[Macaca mulatta](#) (rhesus macaque, ...) [[primates](#)] taxid 9544
ref|XM_002801334.1| PREDICTED: Macaca mulatta BCL2-associa... 0.0
ref|XM_001112353.1| PREDICTED: Macaca mulatta BCL2-associa... 0.0
ref|XM_002801333.1| PREDICTED: Macaca mulatta BCL2-associa... 0.0
ref|XM_002801332.1| PREDICTED: Macaca mulatta BCL2-associa... 0.0

[Rattus norvegicus](#) (brown rat, ...) [[rodents](#)] taxid 10116
ref|NM_017059.1| Rattus norvegicus Bcl2-associated X prote... 0.0
gb|U49729.1|RRU49729 Rattus norvegicus rBax alpha mRNA, co... 0.0
gb|AF235993.1|AF235993 Rattus norvegicus Bax protein splic... 0.0
emb|FQ229844.1| Rattus norvegicus TLOADA46YH24 mRNA sequence 0.0
gb|U59184.1|RNU59184 Rattus norvegicus Bax-alpha mRNA, par... 0.0
gb|U32098.1|RNU32098 Rattus norvegicus bax mRNA, partial cds 0.0
ref|XM_001060981.2| PREDICTED: Rattus norvegicus similar t... 0.0
ref|XM_001081479.2| PREDICTED: Rattus norvegicus similar t... 0.0

[Danio rerio](#) (zebra fish, ...) [[bony fishes](#)] taxid 7955
ref|NM_131562.2| Danio rerio bcl2-associated X protein, a ... 0.0
gb|BC055592.1| Danio rerio bcl2-associated X protein, a, m... 0.0
gb|BC164990.1| Danio rerio bcl2-associated X protein, a, m... 0.0
gb|AF231015.1|AF231015 Danio rerio Bax (bax) gene, complet... 0.0

[Xenopus laevis](#) (common platanna, ...) [[frogs & toads](#)] taxid 8355
ref|NM_001085635.1| Xenopus laevis BCL2-associated X prote... 0.0
gb|AF288809.1|AF288809 Xenopus laevis bax mRNA, complete cds 0.0
gb|BC169589.1| Xenopus laevis BCL2-associated X protein, m... 0.0
gb|BC169587.1| Xenopus laevis BCL2-associated X protein, m... 0.0
gb|AY437085.1| Xenopus laevis Bax mRNA, complete cds 0.0

[Oryctolagus cuniculus](#) (domestic rabbit, ...) [[rabbits & hares](#)] taxid 9986
ref|XM_002723696.1| PREDICTED: Oryctolagus cuniculus BCL2-... 0.0
ref|XM_002723697.1| PREDICTED: Oryctolagus cuniculus BCL2-... 0.0
ref|XM_002722959.1| PREDICTED: Oryctolagus cuniculus BCL2-... 0.0

[Xenopus \(Silurana\) tropicalis](#) [[frogs & toads](#)] taxid 8364
emb|CR85728.2| Xenopus tropicalis finished cDNA, clone TG... 0.0
ref|NM_203854.1| Xenopus (Silurana) tropicalis BCL2-associ... 0.0
gb|BC063201.1| Xenopus tropicalis BCL2-associated X protei... 0.0

[Rattus sp.](#) (rats) [[rodents](#)] taxid 10118
gb|S76511.1| bax=apoptosis inducer [rats, ovary, mRNA Part... 0.0

[Cricetulus griseus](#) (Chinese hamsters) [[rodents](#)] taxid 10029
gb|EF104643.1| Cricetulus griseus Bax mRNA, complete cds 0.0

[Mesocricetus auratus](#) (Syrian hamster, ...) [[rodents](#)] taxid 10036
emb|AJ582075.1| Mesocricetus auratus partial mRNA for Bcl-... 0.0

[Ictalurus punctatus](#) [[bony fishes](#)] taxid 7998
gb|GU589276.1| Ictalurus punctatus clone CBZB25609 apoptos... 0.0

synthetic construct [other sequences] taxid 32630		
emb CU680816.1 Synthetic construct Homo sapiens gateway c...	0.0	
gb EU716633.1 Synthetic construct N-EGFP/BCL2-associated ...	0.0	
dbj AB528719.1 Synthetic construct DNA, clone: pF1KB6979,...	0.0	
gb AY891226.1 Synthetic construct Homo sapiens clone FLH1...	0.0	
gb AY888578.1 Synthetic construct Homo sapiens clone FLH1...	0.0	
gb AY893763.1 Synthetic construct Homo sapiens clone FLH0...	0.0	
gb AY893312.1 Synthetic construct Homo sapiens clone FLH0...	0.0	
Epinephelus coioides (estuary rock cod, ...) [bony fishes] taxid 94232		
gb AY735005.1 Epinephelus coioides bcl2-associated X (BAX...	0.0	
Ailuropoda melanoleuca [carnivores] taxid 9646		
ref XM 002917916.1 PREDICTED: Ailuropoda melanoleuca apop...	0.0	
Taeniopygia guttata (zebra finch) [birds] taxid 59729		
ref XM 002199674.1 PREDICTED: Taeniopygia guttata similar...	0.0	
Bos grunniens (yak) [even-toed ungulates] taxid 30521		
gb AY450350.1 Bos grunniens apoptosis regulator bax-alpha...	0.0	
Ictalurus furcatus [bony fishes] taxid 66913		
gb HP432380.1 TSA: Ictalurus furcatus Contig02971.Icfu mR...	0.0	
gb GU588167.1 Ictalurus furcatus clone CBZF10821 apoptosi...	0.0	
Oncorhynchus mykiss [bony fishes] taxid 8022		
gb BT074328.1 Oncorhynchus mykiss clone omyk-evo-502-314 ...	0.0	
Gallus gallus (bantam, ...) [birds] taxid 9031		
gb AF120210.1 AF120210 Gallus gallus myeloid cell leukemia...	0.0	
Salmo salar [bony fishes] taxid 8030		
gb BT048648.1 Salmo salar clone ssal-eve-501-321 Apoptosi...	0.0	
gb BT044708.1 Salmo salar clone ssal-rgf-501-217 Apoptosi...	0.0	
gb BT050190.1 Salmo salar clone ssal-evd-538-260 Apoptosi...	0.0	
gb BT125178.1 Salmo salar clone ssal-eve-507-043 Apoptosi...	0.0	
gb BT047644.2 Salmo salar clone ssal-eve-576-277 Apoptosi...	0.0	

Taxonomy Report

root	107 hits	39 orgs	
Metazoa	100 hits	38 orgs	[cellular organisms; Eukaryota; Fungi/Metazoa group]
Eumetazoa	99 hits	37 orgs	
Cnidaria	4 hits	3 orgs	
Hexacorallia	2 hits	2 orgs	[Anthozoa]
Acropora millepora	1 hits	1 orgs	[Scleractinia; Astrocoeniina; Acroporidae; Acropora]
Nematostella vectensis	1 hits	1 orgs	[Actiniaria; Edwardsiidae; Nematostella]
Hydra magnipapillata	2 hits	1 orgs	[Hydrozoa; Hydroida; Anthomedusae; Hydridae; Hydra]
Coelomata	95 hits	34 orgs	[Bilateria]
Deuterostomia	93 hits	32 orgs	
Chordata	91 hits	31 orgs	
Ciona intestinalis	2 hits	1 orgs	[Tunicata; Ascidiacea; Enterogona; Phlebobranchia; Cionidae; Ciona]
Euteleostomi	89 hits	30 orgs	[Craniata; Vertebrata; Gnathostomata; Teleostomi]
Tetrapoda	73 hits	23 orgs	[Sarcopterygii]
Amniota	65 hits	21 orgs	
Theria	63 hits	19 orgs	[Mammalia]
Monodelphis domestica	1 hits	1 orgs	[Metatheria; Didelphimorphia; Didelphidae; Didelphinae; Monodelphis]
Eutheria	62 hits	18 orgs	
Euarchontoglires	49 hits	10 orgs	
Glires	22 hits	6 orgs	
Murioidea	19 hits	5 orgs	[Rodentia; Sciurognathi]
Murinae	17 hits	3 orgs	[Muridae]
Mus musculus	8 hits	1 orgs	[Mus; Mus]
Rattus	9 hits	2 orgs	
Rattus norvegicus	8 hits	1 orgs	
Rattus sp.	1 hits	1 orgs	[unclassified Rattus]
Cricetinae	2 hits	2 orgs	[Cricetidae]
Cricetulus griseus	1 hits	1 orgs	[Cricetulus]
Mesocricetus auratus	1 hits	1 orgs	[Mesocricetus]
Oryctolagus cuniculus	3 hits	1 orgs	[Lagomorpha; Leporidae; Oryctolagus]
Simiiformes	27 hits	4 orgs	[Primates; Haplorrhini]
Callithrix jacchus	1 hits	1 orgs	[Platyrrhini; Cebidae; Callitrichinae; Callitrix]
Catarrhini	26 hits	3 orgs	
Homininae	22 hits	2 orgs	[Hominoidea; Hominidae]
Pan troglodytes	1 hits	1 orgs	[Pan]
Homo sapiens	21 hits	1 orgs	[Homo]
Macaca mulatta	4 hits	1 orgs	[Cercopithecoidea; Cercopithecidae; Cercopithecinae; Macaca]
Laurasiatheria	13 hits	8 orgs	
Cetartiodactyla	8 hits	5 orgs	
Sus scrofa	1 hits	1 orgs	[Suina; Suidae; Sus]
Pecora	7 hits	4 orgs	[Ruminantia]
Bovidae	6 hits	3 orgs	
Bos	5 hits	2 orgs	[Bovinae]
Bos taurus	4 hits	1 orgs	
Bos grunniens	1 hits	1 orgs	
Ovis aries	1 hits	1 orgs	[Caprinae; Ovis]
Cervus elaphus	1 hits	1 orgs	[Cervidae; Cervinae; Cervus]
Carnivora	5 hits	3 orgs	
Caniformia	3 hits	2 orgs	
Canis lupus familiaris	2 hits	1 orgs	[Canidae; Canis; Canis lupus]
Ailuropoda melanoleuca	1 hits	1 orgs	[Ursidae; Ailuropoda]
Felis catus	2 hits	1 orgs	[Feliformia; Felidae; Felinae; Felis]
Neognathae	2 hits	2 orgs	[Sauropsida; Sauria; Archosauria; Dinosauria; Saurischia; Theropoda; Coel
Taeniopygia guttata	1 hits	1 orgs	[Passeriformes; Passeroidea; Estrildidae; Estrildinae; Taeniopygia]
Gallus gallus	1 hits	1 orgs	[Galliformes; Phasianidae; Phasianinae; Gallus]
Xenopus	8 hits	2 orgs	[Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidea; Pipidae; Xenopodina
Xenopus laevis	5 hits	1 orgs	[Xenopus]
Xenopus (Silurana) tropicalis	3 hits	1 orgs	[Silurana]
Clupeocephala	16 hits	7 orgs	[Actinopterygii; Actinopteri; Neopterygii; Teleostei; Elopoccephala]
Euteleostei	9 hits	4 orgs	
Percomorpha	3 hits	2 orgs	[Neognathi; Neoteleostei; Eurypterygii; Ctenosquamata; Acanthomorpha; Eua
Tetraodon nigroviridis	2 hits	1 orgs	[Tetraodontiformes; Tetraodontidae; Tetraodontidae; Tetraodontidae; Tetr
Epinephelus coioides	1 hits	1 orgs	[Perciformes; Percoidae; Serranidae; Epinephelinae; Epinephelus]
Salmoninae	6 hits	2 orgs	[Protacanthopterygii; Salmoniformes; Salmonidae; Salmonidae]
Oncorhynchus mykiss	1 hits	1 orgs	[Oncorhynchus]
Salmo salar	5 hits	1 orgs	[Salmo]
Otophysii	7 hits	3 orgs	[Otocephala; Ostariophysi]
Danio rerio	4 hits	1 orgs	[Cypriniformes; Cyprinidae; Cyprinidae; Danio]
Ictalurus	3 hits	2 orgs	[Siluriformes; Siluriformes; Ictaluridae]
Ictalurus punctatus	1 hits	1 orgs	
Ictalurus furcatus	2 hits	1 orgs	
Strongylocentrotus purpuratus	2 hits	1 orgs	[Echinodermata; Eleutherozoa; Echinozoa; Echinoidea; Euechinoidea; Echina
Apogastropoda	2 hits	2 orgs	[Protostomia; Mollusca; Gastropoda; Orthogastropoda]

. . . . Crepidula fornicata	1 hits	1 orgs [Caenogastropoda; Sorbeoconcha; Hypsogastropoda; Littorinimorpha; Calyptr
. . . . Plakobranthus ocellatus	1 hits	1 orgs [Heterobranchia; Euthyneura; Opisthobranchia; Sacoglossa; Placobranchoide
. . Trichoplax adhaerens	1 hits	1 orgs [Placozoa; Trichoplax]
. synthetic construct	7 hits	1 orgs [other sequences; artificial sequences]