

BLAST® » [blastp suite](#) » RID-WWDY889V014

Tax BLAST report

Tax BLAST report

RID	<a href="#">WWDY889V014</a> (Expires on 10-24 04:49 am)		
Query ID	Id Query_120482	Database Name	nr
Description	None	Description	All non-redundant GenBank CDS translations+PDB+SwissProt excluding environmental samples from WGS projects
Molecule type	amino acid	Program	BLASTP 2.8.1+
Query Length	2501		

Lineage Report

Organism Report [Taxonomy Report](#)

Organism	Blast Name	Score	Number of Hits	Description
<a href="#">Eumetazoa</a>	<a href="#">animals</a>		<a href="#">112</a>	
<a href="#">.Bilateria</a>	<a href="#">animals</a>		<a href="#">110</a>	
<a href="#">..Protostomia</a>	<a href="#">animals</a>		<a href="#">69</a>	
<a href="#">...Lophotrochozoa</a>	<a href="#">animals</a>		<a href="#">34</a>	
<a href="#">....Mollusca</a>	<a href="#">molluscs</a>		<a href="#">26</a>	
<a href="#">.....Pteriomorphia</a>	<a href="#">bivalves</a>		<a href="#">21</a>	
<a href="#">.....Ostreidae</a>	<a href="#">bivalves</a>		<a href="#">8</a>	
<a href="#">.....Crassostrea</a>	<a href="#">bivalves</a>		<a href="#">6</a>	
<a href="#">.....Crassostrea virginica</a>	<a href="#">bivalves</a>	796	<a href="#">1</a>	<a href="#">Crassostrea virginica hits</a>
<a href="#">.....Crassostrea angulata</a>	<a href="#">bivalves</a>	545	<a href="#">1</a>	<a href="#">Crassostrea angulata hits</a>
<a href="#">.....Crassostrea gigas</a>	<a href="#">bivalves</a>	547	<a href="#">4</a>	<a href="#">Crassostrea gigas hits</a>
<a href="#">.....Saccostrea glomerata</a>	<a href="#">bivalves</a>	237	<a href="#">2</a>	<a href="#">Saccostrea glomerata hits</a>
<a href="#">.....Pecten maximus</a>	<a href="#">bivalves</a>	566	<a href="#">1</a>	<a href="#">Pecten maximus hits</a>
<a href="#">.....Mizuhopecten yessoensis</a>	<a href="#">bivalves</a>	553	<a href="#">4</a>	<a href="#">Mizuhopecten yessoensis hits</a>
<a href="#">.....Azumapecten farreri</a>	<a href="#">bivalves</a>	551	<a href="#">3</a>	<a href="#">Azumapecten farreri hits</a>
<a href="#">.....Mimachlamys nobilis</a>	<a href="#">bivalves</a>	540	<a href="#">1</a>	<a href="#">Mimachlamys nobilis hits</a>
<a href="#">.....Pinctada margaritifera</a>	<a href="#">bivalves</a>	315	<a href="#">1</a>	<a href="#">Pinctada margaritifera hits</a>
<a href="#">.....Scapharca broughtonii</a>	<a href="#">bivalves</a>	289	<a href="#">1</a>	<a href="#">Scapharca broughtonii hits</a>
<a href="#">.....Tegillarca granosa</a>	<a href="#">bivalves</a>	233	<a href="#">1</a>	<a href="#">Tegillarca granosa hits</a>

..... <a href="#">Mytilus edulis</a>	<a href="#">bivalves</a>	172	<a href="#">1</a>	<a href="#">Mytilus edulis hits</a>
.... <a href="#">Haliotis discus hannai</a>	<a href="#">gastropods</a>	369	<a href="#">1</a>	<a href="#">Haliotis discus hannai hits</a>
.... <a href="#">Lottia gigantea</a>	<a href="#">gastropods</a>	294	<a href="#">2</a>	<a href="#">Lottia gigantea hits</a>
.... <a href="#">Biomphalaria glabrata</a>	<a href="#">gastropods</a>	285	<a href="#">1</a>	<a href="#">Biomphalaria glabrata hits</a>
.... <a href="#">Aplysia californica</a>	<a href="#">gastropods</a>	163	<a href="#">1</a>	<a href="#">Aplysia californica hits</a>
.... <a href="#">Platynereis dumerilii</a>	<a href="#">segmented worms</a>	254	<a href="#">1</a>	<a href="#">Platynereis dumerilii hits</a>
.... <a href="#">Perinereis aibuhitensis</a>	<a href="#">segmented worms</a>	226	<a href="#">1</a>	<a href="#">Perinereis aibuhitensis hits</a>
.... <a href="#">Capitella teleta</a>	<a href="#">segmented worms</a>	211	<a href="#">5</a>	<a href="#">Capitella teleta hits</a>
.... <a href="#">Lingula anatina</a>	<a href="#">brachiopods</a>	163	<a href="#">1</a>	<a href="#">Lingula anatina hits</a>
... <a href="#">Ramazzottius varieornatus</a>	<a href="#">tardigrades</a>	248	<a href="#">2</a>	<a href="#">Ramazzottius varieornatus hits</a>
... <a href="#">Hypsibius dujardini</a>	<a href="#">tardigrades</a>	214	<a href="#">1</a>	<a href="#">Hypsibius dujardini hits</a>
... <a href="#">Toxocara canis</a>	<a href="#">nematodes</a>	194	<a href="#">1</a>	<a href="#">Toxocara canis hits</a>
... <a href="#">Pardosa pseudoannulata</a>	<a href="#">spiders</a>	186	<a href="#">1</a>	<a href="#">Pardosa pseudoannulata hits</a>
... <a href="#">Centruroides sculpturatus</a>	<a href="#">scorpions</a>	181	<a href="#">1</a>	<a href="#">Centruroides sculpturatus hits</a>
... <a href="#">Pristionchus pacificus</a>	<a href="#">nematodes</a>	178	<a href="#">6</a>	<a href="#">Pristionchus pacificus hits</a>
... <a href="#">Caenorhabditis nigoni</a>	<a href="#">nematodes</a>	170	<a href="#">1</a>	<a href="#">Caenorhabditis nigoni hits</a>
... <a href="#">Caenorhabditis elegans</a>	<a href="#">nematodes</a>	167	<a href="#">7</a>	<a href="#">Caenorhabditis elegans hits</a>
... <a href="#">Caenorhabditis briggsae</a>	<a href="#">nematodes</a>	165	<a href="#">2</a>	<a href="#">Caenorhabditis briggsae hits</a>
... <a href="#">Caenorhabditis latens</a>	<a href="#">nematodes</a>	163	<a href="#">1</a>	<a href="#">Caenorhabditis latens hits</a>
... <a href="#">Caenorhabditis remanei</a>	<a href="#">nematodes</a>	162	<a href="#">4</a>	<a href="#">Caenorhabditis remanei hits</a>
... <a href="#">Oesophagostomum dentatum</a>	<a href="#">nematodes</a>	160	<a href="#">1</a>	<a href="#">Oesophagostomum dentatum hits</a>
... <a href="#">Ancylostoma caninum</a>	<a href="#">nematodes</a>	160	<a href="#">1</a>	<a href="#">Ancylostoma caninum hits</a>
... <a href="#">Necator americanus</a>	<a href="#">nematodes</a>	154	<a href="#">2</a>	<a href="#">Necator americanus hits</a>
... <a href="#">Ancylostoma ceylanicum</a>	<a href="#">nematodes</a>	153	<a href="#">1</a>	<a href="#">Ancylostoma ceylanicum hits</a>
... <a href="#">Daphnia magna</a>	<a href="#">crustaceans</a>	150	<a href="#">1</a>	<a href="#">Daphnia magna hits</a>
... <a href="#">Oscheius tipulae</a>	<a href="#">nematodes</a>	142	<a href="#">1</a>	<a href="#">Oscheius tipulae hits</a>
... <a href="#">Ancylostoma duodenale</a>	<a href="#">nematodes</a>	144	<a href="#">1</a>	<a href="#">Ancylostoma duodenale hits</a>
.. <a href="#">Saccoglossus kowalevskii</a>	<a href="#">hemichordates</a>	334	<a href="#">2</a>	<a href="#">Saccoglossus kowalevskii hits</a>
.. <a href="#">Branchiostoma belcheri</a>	<a href="#">lancelets</a>	261	<a href="#">7</a>	<a href="#">Branchiostoma belcheri hits</a>
.. <a href="#">Branchiostoma floridae</a>	<a href="#">lancelets</a>	229	<a href="#">6</a>	<a href="#">Branchiostoma floridae hits</a>
.. <a href="#">Patiriella regularis</a>	<a href="#">starfish</a>	216	<a href="#">1</a>	<a href="#">Patiriella regularis hits</a>
.. <a href="#">Patiria miniata</a>	<a href="#">starfish</a>	197	<a href="#">1</a>	<a href="#">Patiria miniata hits</a>
.. <a href="#">Acanthaster planci</a>	<a href="#">starfish</a>	171	<a href="#">2</a>	<a href="#">Acanthaster planci hits</a>
.. <a href="#">Gavialis gangeticus</a>	<a href="#">vertebrates</a>	165	<a href="#">1</a>	<a href="#">Gavialis gangeticus hits</a>
.. <a href="#">Acanthogobius hasta</a>	<a href="#">bony fishes</a>	162	<a href="#">1</a>	<a href="#">Acanthogobius hasta hits</a>

.. <a href="#">Acanthogobius flavimanus</a>	<a href="#">bony fishes</a>	162	<a href="#">1</a>	<a href="#">Acanthogobius flavimanus hits</a>
.. <a href="#">Protopterus annectens</a>	<a href="#">lungfishes</a>	162	<a href="#">2</a>	<a href="#">Protopterus annectens hits</a>
.. <a href="#">Lepisosteus oculatus</a>	<a href="#">bony fishes</a>	161	<a href="#">1</a>	<a href="#">Lepisosteus oculatus hits</a>
.. <a href="#">Andrias davidianus</a>	<a href="#">salamanders</a>	156	<a href="#">1</a>	<a href="#">Andrias davidianus hits</a>
.. <a href="#">Xenopus laevis</a>	<a href="#">frogs &amp; toads</a>	156	<a href="#">2</a>	<a href="#">Xenopus laevis hits</a>
.. <a href="#">Xenopus tropicalis</a>	<a href="#">frogs &amp; toads</a>	154	<a href="#">1</a>	<a href="#">Xenopus tropicalis hits</a>
.. <a href="#">Crocodylus porosus</a>	<a href="#">crocodiles</a>	154	<a href="#">1</a>	<a href="#">Crocodylus porosus hits</a>
.. <a href="#">Alligator sinensis</a>	<a href="#">vertebrates</a>	152	<a href="#">1</a>	<a href="#">Alligator sinensis hits</a>
.. <a href="#">Alligator mississippiensis</a>	<a href="#">vertebrates</a>	151	<a href="#">5</a>	<a href="#">Alligator mississippiensis hits</a>
.. <a href="#">Callorhinchus milii</a>	<a href="#">chimaeras</a>	149	<a href="#">2</a>	<a href="#">Callorhinchus milii hits</a>
.. <a href="#">Mugilogobius chulae</a>	<a href="#">bony fishes</a>	147	<a href="#">1</a>	<a href="#">Mugilogobius chulae hits</a>
.. <a href="#">Acipenser schrenckii</a>	<a href="#">bony fishes</a>	146	<a href="#">1</a>	<a href="#">Acipenser schrenckii hits</a>
.. <a href="#">Rhincodon typus</a>	<a href="#">sharks and rays</a>	145	<a href="#">1</a>	<a href="#">Rhincodon typus hits</a>
.. <a href="#">Orbicella faveolata</a>	<a href="#">stony corals</a>	173	<a href="#">1</a>	<a href="#">Orbicella faveolata hits</a>
.. <a href="#">Euphyllia ancora</a>	<a href="#">stony corals</a>	145	<a href="#">1</a>	<a href="#">Euphyllia ancora hits</a>

## Organism Report

[Lineage Report](#) [Taxonomy Report](#)

Description	Score	E value	Accession
Crassostrea virginica (eastern oyster) [ bivalves ] Next Previous First			
<b><a href="#">LOW QUALITY PROTEIN: vitellogenin-like [Crassostrea virginica]</a></b>	796	0.0	<a href="#">XP_022316728</a>
Pecten maximus [ bivalves ] Next Previous First			
<b><a href="#">vitellogenin [Pecten maximus]</a></b>	566	4e-161	<a href="#">CAQ06469</a>
Crassostrea angulata [ bivalves ] Next			

Description	Score	E value	Accession
Previous First			
<a href="#">vitellogenin, partial [Crassostrea angulata]</a>	545	6e-158	<a href="#">AGK82227</a>
Mizuhopecten yessoensis (Yesso scallop) [ bivalves ] Next Previous First			
<a href="#">uncharacterized protein LOC110448784 isoform X2 [Mizuhopecten yessoensis]</a>	553	9e-157	<a href="#">XP_021350892</a>
<a href="#">uncharacterized protein LOC110448784 isoform X1 [Mizuhopecten yessoensis]</a>	552	1e-156	<a href="#">XP_021350891</a>
<a href="#">vitellogenin [Mizuhopecten yessoensis]</a>	547	7e-155	<a href="#">AGE13945</a>
<a href="#">vitellogenin, partial [Mizuhopecten yessoensis]</a>	292	6e-82	<a href="#">BAB63260</a>
Azumapecten farreri [ bivalves ] Next Previous First			
<a href="#">vitellogenin [Azumapecten farreri]</a>	551	3e-156	<a href="#">ADE05540</a>
<a href="#">vitellogenin, partial [Azumapecten farreri]</a>	291	9e-82	<a href="#">ACM16803</a>
<a href="#">vitellogenin variant, partial [Azumapecten farreri]</a>	288	3e-80	<a href="#">AEB71793</a>
Crassostrea gigas (Pacific oyster) [ bivalves ] Next Previous First			
<a href="#">Vitellogenin-6 [Crassostrea gigas]</a>	547	1e-154	<a href="#">EKC30345</a>
<a href="#">vitellogenin [Crassostrea gigas]</a>	531	2e-153	<a href="#">BAC22716</a>
<a href="#">PREDICTED: uncharacterized protein LOC105340731 isoform X1 [Crassostrea gigas]</a>	214	1e-51	<a href="#">XP_011445212</a>
<a href="#">PREDICTED: vitellogenin-6 isoform X2 [Crassostrea gigas]</a>	214	2e-51	<a href="#">XP_011445213</a>
Mimachlamys nobilis (noble scallop) [ bivalves ] Next Previous First			
<a href="#">vitellogenin [Mimachlamys nobilis]</a>	540	2e-152	<a href="#">AFO66775</a>

Description	Score	E value	Accession
<p><a href="#">Haliotis discus hannai</a> (Japanese disc abalone)</p> <p>[ gastropods ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>			
<p><a href="#">vitellogenin [Haliotis discus hannai]</a></p> <p><a href="#">Pinctada margaritifera</a> (freshwater pearlshell mussel)</p> <p>[ bivalves ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	369	1e-98	<a href="#">BAF98238</a>
<p><a href="#">vitellogenin-6, partial [Pinctada margaritifera]</a></p> <p><a href="#">Saccoglossus kowalevskii</a></p> <p>[ hemichordates ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	315	8e-90	<a href="#">AJF48835</a>
<p><a href="#">PREDICTED: vitellogenin-1-like isoform X2 [Saccoglossus kowalevskii]</a></p>	334	3e-88	<a href="#">XP_006824894</a>
<p><a href="#">PREDICTED: vitellogenin-1-like isoform X1 [Saccoglossus kowalevskii]</a></p> <p><a href="#">Lottia gigantea</a> (owl limpet)</p> <p>[ gastropods ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	334	3e-88	<a href="#">XP_002741413</a>
<p><a href="#">hypothetical protein LOTGIDRAFT_230838 [Lottia gigantea]</a></p>	294	8e-76	<a href="#">XP_009048828</a>
<p><a href="#">hypothetical protein LOTGIDRAFT_230838 [Lottia gigantea]</a></p> <p><a href="#">Scapharca broughtonii</a></p> <p>[ bivalves ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	294	8e-76	<a href="#">ESP00709</a>
<p><a href="#">vitellogenin [Scapharca broughtonii]</a></p> <p><a href="#">Biomphalaria glabrata</a></p> <p>[ gastropods ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	289	2e-74	<a href="#">AYE92811</a>

Description	Score	E value	Accession
<a href="#">PREDICTED: uncharacterized protein LOC106063555 [Biomphalaria glabrata]</a> Branchiostoma belcheri (Belcher's lancelet) [ lancelets ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	285	2e-73	<a href="#">XP_013077406</a>
<a href="#">PREDICTED: vitellogenin-like isoform X2 [Branchiostoma belcheri]</a>	261	5e-66	<a href="#">XP_019647545</a>
<a href="#">PREDICTED: vitellogenin-like isoform X1 [Branchiostoma belcheri]</a>	261	5e-66	<a href="#">XP_019647544</a>
<a href="#">PREDICTED: vitellogenin-like [Branchiostoma belcheri]</a>	234	1e-58	<a href="#">XP_019623581</a>
<a href="#">PREDICTED: vitellogenin-6-like [Branchiostoma belcheri]</a>	236	4e-58	<a href="#">XP_019620487</a>
<a href="#">PREDICTED: vitellogenin-6-like isoform X1 [Branchiostoma belcheri]</a>	202	7e-48	<a href="#">XP_019620524</a>
<a href="#">PREDICTED: vitellogenin-like isoform X2 [Branchiostoma belcheri]</a>	201	8e-48	<a href="#">XP_019620525</a>
<a href="#">PREDICTED: vitellogenin-6-like [Branchiostoma belcheri]</a> Platynereis dumerilii (Dumeril's clam worm) [ segmented worms ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	199	4e-47	<a href="#">XP_019623592</a>
<a href="#">vitellogenin [Platynereis dumerilii]</a> Ramazzottius varieornatus [ tardigrades ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	254	6e-64	<a href="#">APP91162</a>
<a href="#">Vitellogenin [Ramazzottius varieornatus]</a>	248	7e-62	<a href="#">GAU88667</a>
<a href="#">Vitellogenin [Ramazzottius varieornatus]</a> Saccostrea glomerata [ bivalves ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	197	2e-46	<a href="#">GAU88362</a>
<a href="#">vitellogenin [Saccostrea glomerata]</a>	237	2e-58	<a href="#">ANB82451</a>
<a href="#">vitellogenin [Saccostrea glomerata]</a>	237	2e-58	<a href="#">ANB82452</a>

Description	Score	E value	Accession
Tegillarca granosa [ bivalves ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>			
<a href="#">vitellogenin [Tegillarca granosa]</a> Branchiostoma floridae (Florida lancelet) [ lancelets ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	233	3e-57	<a href="#">AFD50188</a>
<a href="#">hypothetical protein BRAFLDRAFT_70363 [Branchiostoma floridae]</a> <a href="#">hypothetical protein BRAFLDRAFT_70363 [Branchiostoma floridae]</a> <a href="#">hypothetical protein BRAFLDRAFT_85683 [Branchiostoma floridae]</a> <a href="#">hypothetical protein BRAFLDRAFT_85683 [Branchiostoma floridae]</a> <a href="#">hypothetical protein BRAFLDRAFT_119256 [Branchiostoma floridae]</a> <a href="#">hypothetical protein BRAFLDRAFT_119256 [Branchiostoma floridae]</a> Perinereis aibuhitensis [ segmented worms ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	229 229 224 224 192 192	3e-56 3e-56 7e-55 7e-55 2e-45 2e-45	<a href="#">XP_002599686</a> <a href="#">EEN55698</a> <a href="#">XP_002598099</a> <a href="#">EEN54111</a> <a href="#">XP_002591411</a> <a href="#">EEN47422</a>
<a href="#">vitellogenin [Perinereis aibuhitensis]</a> Patiriella regularis [ starfish ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	226	2e-55	<a href="#">AHY02164</a>
<a href="#">vitellogenin 2 [Patiriella regularis]</a> Hypsibius dujardini [ tardigrades ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	216	2e-52	<a href="#">AHK12748</a>

Description	Score	E value	Accession
<a href="#"><u>Vitellogenin-6 [Hypsibius dujardini]</u></a> Capitella teleta [ segmented worms ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	214	2e-51	<a href="#"><u>OQV17559</u></a>
<a href="#"><u>hypothetical protein CAPTEDRAFT_209306 [Capitella teleta]</u></a>	211	7e-51	<a href="#"><u>ELU00944</u></a>
<a href="#"><u>hypothetical protein CAPTEDRAFT_198189 [Capitella teleta]</u></a>	209	3e-50	<a href="#"><u>ELU04729</u></a>
<a href="#"><u>hypothetical protein CAPTEDRAFT_198200 [Capitella teleta]</u></a>	208	5e-50	<a href="#"><u>ELU04737</u></a>
<a href="#"><u>hypothetical protein CAPTEDRAFT_210315 [Capitella teleta]</u></a>	172	6e-39	<a href="#"><u>ELU18842</u></a>
<a href="#"><u>hypothetical protein CAPTEDRAFT_208459 [Capitella teleta]</u></a> Patiria miniata (bat star) [ starfish ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	171	1e-38	<a href="#"><u>ELU12688</u></a>
<a href="#"><u>vitellogenin 2 [Patiria miniata]</u></a> Toxocara canis (dog roundworm) [ nematodes ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	197	2e-46	<a href="#"><u>AMR68935</u></a>
<a href="#"><u>Vitellogenin-6 [Toxocara canis]</u></a> Mytilus edulis [ bivalves ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	194	9e-46	<a href="#"><u>KHN77828</u></a>
<a href="#"><u>vitellogenin, partial [Mytilus edulis]</u></a> Pardosa pseudoannulata [ spiders ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	172	3e-44	<a href="#"><u>AAT72932</u></a>
<a href="#"><u>vitellogenin-3 [Pardosa pseudoannulata]</u></a> Centruroides sculpturatus (bark scorpion) [ scorpions ]	186	3e-43	<a href="#"><u>AXN69714</u></a>



Description	Score	E value	Accession
<a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>			
<a href="#">uncharacterized protein LOC111627056 [Centruroides sculpturatus]</a> Pristionchus pacificus [ nematodes ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	181	3e-41	<a href="#">XP_023226371</a>
<a href="#">vit-6 [Pristionchus pacificus]</a> <a href="#">hypothetical protein PRIPAC_53880 [Pristionchus pacificus]</a> <a href="#">hypothetical protein PRIPAC_43917 [Pristionchus pacificus]</a> <a href="#">hypothetical protein PRIPAC_54065 [Pristionchus pacificus]</a> <a href="#">hypothetical protein PRIPAC_45330 [Pristionchus pacificus]</a> <a href="#">hypothetical protein PRIPAC_45281 [Pristionchus pacificus]</a> Orbicella faveolata [ stony corals ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	178 177 175 172 170 165	1e-40 2e-40 9e-40 5e-39 3e-38 8e-37	<a href="#">PDM70654</a> <a href="#">PDM63523</a> <a href="#">PDM70712</a> <a href="#">PDM60240</a> <a href="#">PDM66105</a> <a href="#">PDM66056</a>
<a href="#">vitellogenin-like [Orbicella faveolata]</a> Acanthaster planci (crown-of-thorns starfish) [ starfish ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	173	1e-39	<a href="#">XP_020624722</a>
<a href="#">uncharacterized protein LOC110977410 [Acanthaster planci]</a> <a href="#">uncharacterized protein LOC110977409 [Acanthaster planci]</a> Caenorhabditis nigoni [ nematodes ] <a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a>	171 162	2e-38 6e-36	<a href="#">XP_022087200</a> <a href="#">XP_022087199</a>
<a href="#">hypothetical protein B9Z55_014754 [Caenorhabditis nigoni]</a> Aplysia californica (California sea hare) [ gastropods ] <a href="#">Next</a>	170	2e-38	<a href="#">PIC35372</a>

Description	Score	E value	Accession
Previous First			
<b><u>PREDICTED: vitellogenin-4-like, partial [Aplysia californica]</u></b>	163	7e-38	<b><u>XP_012939758</u></b>
Caenorhabditis elegans [ nematodes ] Next Previous First			
<b><u>Vitellogenin-6 [Caenorhabditis elegans]</u></b>	167	2e-37	<b><u>NP_001023276</u></b>
<b><u>RecName: Full=Vitellogenin-6; Flags: Precursor</u></b>	167	2e-37	<b><u>P18948</u></b>
<b><u>Vitellogenin-6 [Caenorhabditis elegans]</u></b>	167	2e-37	<b><u>CCD70605</u></b>
<b><u>Vitellogenin-6 [Caenorhabditis elegans]</u></b>	167	3e-37	<b><u>NP_001023274</u></b>
<b><u>Vitellogenin-6 [Caenorhabditis elegans]</u></b>	167	3e-37	<b><u>CCD70603</u></b>
<b><u>vitellogenin:ISOTYPE=6</u></b>	162	9e-36	<b><u>1714323B</u></b>
<b><u>vitellogenin [Caenorhabditis elegans]</u></b>	162	9e-36	<b><u>CAA39670</u></b>
Caenorhabditis briggsae [ nematodes ] Next Previous First			
<b><u>C. briggsae CBR-VIT-6 protein [Caenorhabditis briggsae]</u></b>	165	1e-36	<b><u>XP_002634040</u></b>
<b><u>Protein CBR-VIT-6 [Caenorhabditis briggsae]</u></b>	165	1e-36	<b><u>CAP23027</u></b>
Gavialis gangeticus (Gharial) [ vertebrates ] Next Previous First			
<b><u>PREDICTED: vitellogenin-1-like [Gavialis gangeticus]</u></b>	165	1e-36	<b><u>XP_019383874</u></b>
Lingula anatina [ brachiopods ] Next Previous First			
<b><u>vitellogenin-6 [Lingula anatina]</u></b>	163	4e-36	<b><u>XP_013409581</u></b>
Caenorhabditis latens [ nematodes ] Next Previous			

Description	Score	E value	Accession
First			
<a href="#">hypothetical protein FL83_23685, partial [Caenorhabditis latens]</a> Caenorhabditis remanei [ nematodes ] Next Previous First	163	4e-36	<a href="#">OZF84020</a>
<a href="#">hypothetical protein FL82_03354, partial [Caenorhabditis remanei]</a> <a href="#">CRE-VIT-6 protein [Caenorhabditis remanei]</a> <a href="#">CRE-VIT-6 protein [Caenorhabditis remanei]</a> <a href="#">hypothetical protein FL81_05681 [Caenorhabditis remanei]</a> Acanthogobius hasta (javeline goby) [ bony fishes ] Next Previous First	162 162 162 162	6e-36 7e-36 7e-36 1e-35	<a href="#">OZF97456</a> <a href="#">XP_003108339</a> <a href="#">EFO93139</a> <a href="#">POM43655</a>
<a href="#">vitellogenin [Acanthogobius hasta]</a> Acanthogobius flavimanus (yellowfin goby) [ bony fishes ] Next Previous First	162	7e-36	<a href="#">AAV84912</a>
<a href="#">vitellogenin [Acanthogobius flavimanus]</a> Protopterus annectens (West African lungfish) [ lungfishes ] Next Previous First	162	9e-36	<a href="#">BAC06190</a>
<a href="#">Vtg3 [Protopterus annectens]</a> <a href="#">Vtg4 [Protopterus annectens]</a> Lepisosteus oculatus (spotted gar) [ bony fishes ] Next Previous First	162 156	1e-35 5e-34	<a href="#">AYD38002</a> <a href="#">AYD38003</a>
<a href="#">PREDICTED: vitellogenin-like [Lepisosteus oculatus]</a>	161	1e-35	<a href="#">XP_015211416</a>

Description	Score	E value	Accession
<p>Oesophagostomum dentatum</p> <p>[ nematodes ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>			
<p><a href="#">hypothetical protein OESDEN_04858 [Oesophagostomum dentatum]</a></p> <p>Ancylostoma caninum (dog hookworm)</p> <p>[ nematodes ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	160	3e-35	<a href="#">KHJ95199</a>
<p><a href="#">von Willebrand factor type D domain protein [Ancylostoma caninum]</a></p> <p>Andrias davidianus (Chinese giant salamander)</p> <p>[ salamanders ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	160	3e-35	<a href="#">RCN39925</a>
<p><a href="#">vitellogenin [Andrias davidianus]</a></p> <p>Xenopus laevis (African clawed frog)</p> <p>[ frogs &amp; toads ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	156	5e-34	<a href="#">AKN59013</a>
<p><a href="#">PREDICTED: vitellogenin-A2-like [Xenopus laevis]</a></p>	156	5e-34	<a href="#">XP_018113638</a>
<p><a href="#">hypothetical protein XELAEV_18022891mg [Xenopus laevis]</a></p> <p>Necator americanus</p> <p>[ nematodes ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>	156	5e-34	<a href="#">OCT84735</a>
<p><a href="#">von Willebrand factor type D domain protein [Necator americanus]</a></p>	154	2e-33	<a href="#">XP_013298422</a>
<p><a href="#">von Willebrand factor type D domain protein [Necator americanus]</a></p> <p>Xenopus tropicalis (tropical clawed frog)</p> <p>[ frogs &amp; toads ]</p> <p><a href="#">Next</a></p>	154	2e-33	<a href="#">ETN76195</a>

Description	Score	E value	Accession
Previous First			
<a href="#"><b>PREDICTED: vitellogenin-A2-like [Xenopus tropicalis]</b></a> Crocodylus porosus (Australian saltwater crocodile) [ crocodiles ] Next Previous First	154	2e-33	<a href="#">XP_002931743</a>
<a href="#"><b>PREDICTED: vitellogenin-1-like [Crocodylus porosus]</b></a> Ancylostoma ceylanicum [ nematodes ] Next Previous First	154	3e-33	<a href="#">XP_019386152</a>
<a href="#"><b>hypothetical protein Y032_0338g2939 [Ancylostoma ceylanicum]</b></a> Alligator sinensis (Chinese alligator) [ vertebrates ] Next Previous First	153	4e-33	<a href="#">EYB83313</a>
<a href="#"><b>vitellogenin-1-like [Alligator sinensis]</b></a> Alligator mississippiensis (American alligator) [ vertebrates ] Next Previous First	152	8e-33	<a href="#">XP_006021688</a>
<a href="#"><b>vitellogenin-1-like [Alligator mississippiensis]</b></a>	151	2e-32	<a href="#">KYO36817</a>
<a href="#"><b>hypothetical protein Y1Q_0020858 [Alligator mississippiensis]</b></a>	151	2e-32	<a href="#">KYO36818</a>
<a href="#"><b>PREDICTED: vitellogenin-1-like [Alligator mississippiensis]</b></a>	150	2e-32	<a href="#">XP_019344587</a>
<a href="#"><b>vitellogenin-1 precursor [Alligator mississippiensis]</b></a>	147	2e-31	<a href="#">KYO36780</a>
<a href="#"><b>PREDICTED: vitellogenin-2-like [Alligator mississippiensis]</b></a> Daphnia magna [ crustaceans ] Next Previous First	147	2e-31	<a href="#">XP_019344584</a>
<a href="#"><b>Uncharacterized protein APZ42_013126 [Daphnia magna]</b></a>	150	4e-32	<a href="#">KZS20149</a>

Description	Score	E value	Accession
<p>Callorhinchus milii (elephant shark)</p> <p>[ chimaeras ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>			
<p><b><a href="#">PREDICTED: vitellogenin-like isoform X1 [Callorhinchus milii]</a></b></p>	149	9e-32	<b><a href="#">XP_007885428</a></b>
<p><b><a href="#">PREDICTED: vitellogenin-like isoform X2 [Callorhinchus milii]</a></b></p>	149	1e-31	<b><a href="#">XP_007885429</a></b>
<p>Mugilogobius chulae (yellowstripe goby)</p> <p>[ bony fishes ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>			
<p><b><a href="#">vitellogenin [Mugilogobius chulae]</a></b></p>	147	2e-31	<b><a href="#">AKO73676</a></b>
<p>Acipenser schrenckii (Amur sturgeon)</p> <p>[ bony fishes ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>			
<p><b><a href="#">vitellogenin AB2a [Acipenser schrenckii]</a></b></p>	146	5e-31	<b><a href="#">AOH96643</a></b>
<p>Rhincodon typus (whale shark)</p> <p>[ sharks and rays ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>			
<p><b><a href="#">vitellogenin-like, partial [Rhincodon typus]</a></b></p>	145	6e-31	<b><a href="#">XP_020378558</a></b>
<p>Euphyllia ancora (hammer coral)</p> <p>[ stony corals ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>			
<p><b><a href="#">vitellogenin [Euphyllia ancora]</a></b></p>	145	8e-31	<b><a href="#">AGO04748</a></b>
<p>Oscheius tipulae</p> <p>[ nematodes ]</p> <p><a href="#">Next</a> <a href="#">Previous</a> <a href="#">First</a></p>			
<p><b><a href="#">vitellogenin 1, partial [Oscheius tipulae]</a></b></p>	142	1e-30	<b><a href="#">AFO72897</a></b>

Description	Score	E value	Accession
<p>Ancylostoma duodenale</p> <p>[</p> <p>nematodes</p> <p>]</p> <p>Next</p> <p>Previous</p> <p>First</p>			
<a href="#">von Willebrand factor type D domain protein [Ancylostoma duodenale]</a>	144	2e-30	<a href="#">KIH69020</a>

## Taxonomy Report

[Organism Report](#) [Lineage Report](#)

Taxonomy	Number of hits	Number of Organisms	Description
<a href="#">Eumetazoa</a>	<a href="#">112</a>	61	
. <a href="#">Bilateria</a>	<a href="#">110</a>	59	
.. <a href="#">Protostomia</a>	<a href="#">69</a>	38	
... <a href="#">Lophotrochozoa</a>	<a href="#">34</a>	20	
.... <a href="#">Mollusca</a>	<a href="#">26</a>	16	
..... <a href="#">Pteriomorpha</a>	<a href="#">21</a>	12	
..... <a href="#">Ostreidae</a>	<a href="#">8</a>	4	
..... <a href="#">Crassostrea</a>	<a href="#">6</a>	3	
..... <a href="#">Crassostrea virginica</a>	<a href="#">1</a>	1	<a href="#">Crassostrea virginica hits</a>
..... <a href="#">Crassostrea angulata</a>	<a href="#">1</a>	1	<a href="#">Crassostrea angulata hits</a>
..... <a href="#">Crassostrea gigas</a>	<a href="#">4</a>	1	<a href="#">Crassostrea gigas hits</a>
..... <a href="#">Saccostrea glomerata</a>	<a href="#">2</a>	1	<a href="#">Saccostrea glomerata hits</a>
..... <a href="#">Pectinidae</a>	<a href="#">9</a>	4	
..... <a href="#">Pecten maximus</a>	<a href="#">1</a>	1	<a href="#">Pecten maximus hits</a>
..... <a href="#">Mizuhopecten yessoensis</a>	<a href="#">4</a>	1	<a href="#">Mizuhopecten yessoensis hits</a>
..... <a href="#">Azumapecten farreri</a>	<a href="#">3</a>	1	<a href="#">Azumapecten farreri hits</a>
..... <a href="#">Mimachlamys nobilis</a>	<a href="#">1</a>	1	<a href="#">Mimachlamys nobilis hits</a>
..... <a href="#">Pinctada margaritifera</a>	<a href="#">1</a>	1	<a href="#">Pinctada margaritifera hits</a>
..... <a href="#">Arcidae</a>	<a href="#">2</a>	2	
..... <a href="#">Scapharca broughtonii</a>	<a href="#">1</a>	1	<a href="#">Scapharca broughtonii hits</a>
..... <a href="#">Tegillarca granosa</a>	<a href="#">1</a>	1	<a href="#">Tegillarca granosa hits</a>
..... <a href="#">Mytilus edulis</a>	<a href="#">1</a>	1	<a href="#">Mytilus edulis hits</a>

..... <a href="#">Gastropoda</a>	<a href="#">5</a>	4	
..... <a href="#">Haliotis discus hannai</a>	<a href="#">1</a>	1	<a href="#">Haliotis discus hannai hits</a>
..... <a href="#">Lottia gigantea</a>	<a href="#">2</a>	1	<a href="#">Lottia gigantea hits</a>
..... <a href="#">Euthyneura</a>	<a href="#">2</a>	2	
..... <a href="#">Biomphalaria glabrata</a>	<a href="#">1</a>	1	<a href="#">Biomphalaria glabrata hits</a>
..... <a href="#">Aplysia californica</a>	<a href="#">1</a>	1	<a href="#">Aplysia californica hits</a>
.... <a href="#">Polychaeta</a>	<a href="#">7</a>	3	
.... <a href="#">Nereididae</a>	<a href="#">2</a>	2	
..... <a href="#">Platynereis dumerilii</a>	<a href="#">1</a>	1	<a href="#">Platynereis dumerilii hits</a>
..... <a href="#">Perinereis aibuhitensis</a>	<a href="#">1</a>	1	<a href="#">Perinereis aibuhitensis hits</a>
.... <a href="#">Capitella teleta</a>	<a href="#">5</a>	1	<a href="#">Capitella teleta hits</a>
... <a href="#">Lingula anatina</a>	<a href="#">1</a>	1	<a href="#">Lingula anatina hits</a>
... <a href="#">Ecdysozoa</a>	<a href="#">35</a>	18	
.... <a href="#">Panarthropoda</a>	<a href="#">6</a>	5	
..... <a href="#">Parachela</a>	<a href="#">3</a>	2	
..... <a href="#">Ramazzottius varieornatus</a>	<a href="#">2</a>	1	<a href="#">Ramazzottius varieornatus hits</a>
..... <a href="#">Hypsibius dujardini</a>	<a href="#">1</a>	1	<a href="#">Hypsibius dujardini hits</a>
.... <a href="#">Arthropoda</a>	<a href="#">3</a>	3	
..... <a href="#">Arachnida</a>	<a href="#">2</a>	2	
..... <a href="#">Pardosa pseudoannulata</a>	<a href="#">1</a>	1	<a href="#">Pardosa pseudoannulata hits</a>
..... <a href="#">Centruroides sculpturatus</a>	<a href="#">1</a>	1	<a href="#">Centruroides sculpturatus hits</a>
..... <a href="#">Daphnia magna</a>	<a href="#">1</a>	1	<a href="#">Daphnia magna hits</a>
.... <a href="#">Rhabditida</a>	<a href="#">29</a>	13	
..... <a href="#">Toxocara canis</a>	<a href="#">1</a>	1	<a href="#">Toxocara canis hits</a>
..... <a href="#">Rhabditina</a>	<a href="#">28</a>	12	
..... <a href="#">Pristionchus pacificus</a>	<a href="#">6</a>	1	<a href="#">Pristionchus pacificus hits</a>
..... <a href="#">Rhabditomorpha</a>	<a href="#">22</a>	11	
..... <a href="#">Rhabditidae</a>	<a href="#">16</a>	6	
..... <a href="#">Caenorhabditis</a>	<a href="#">15</a>	5	
..... <a href="#">Caenorhabditis nigoni</a>	<a href="#">1</a>	1	<a href="#">Caenorhabditis nigoni hits</a>
..... <a href="#">Caenorhabditis elegans</a>	<a href="#">7</a>	1	<a href="#">Caenorhabditis elegans hits</a>
..... <a href="#">Caenorhabditis briggsae</a>	<a href="#">2</a>	1	<a href="#">Caenorhabditis briggsae hits</a>
..... <a href="#">Caenorhabditis latens</a>	<a href="#">1</a>	1	<a href="#">Caenorhabditis latens hits</a>
..... <a href="#">Caenorhabditis remanei</a>	<a href="#">4</a>	1	<a href="#">Caenorhabditis remanei hits</a>
..... <a href="#">Oscheius tipulae</a>	<a href="#">1</a>	1	<a href="#">Oscheius tipulae hits</a>
..... <a href="#">Strongyloidea</a>	<a href="#">6</a>	5	
..... <a href="#">Oesophagostomum dentatum</a>	<a href="#">1</a>	1	<a href="#">Oesophagostomum dentatum hits</a>



..... <a href="#">Ancylostomatidae</a>	<a href="#">5</a>	4	
..... <a href="#">Ancylostoma</a>	<a href="#">3</a>	3	
..... <a href="#">Ancylostoma caninum</a>	<a href="#">1</a>	1	<a href="#">Ancylostoma caninum hits</a>
..... <a href="#">Ancylostoma ceylanicum</a>	<a href="#">1</a>	1	<a href="#">Ancylostoma ceylanicum hits</a>
..... <a href="#">Ancylostoma duodenale</a>	<a href="#">1</a>	1	<a href="#">Ancylostoma duodenale hits</a>
..... <a href="#">Necator americanus</a>	<a href="#">2</a>	1	<a href="#">Necator americanus hits</a>
.. <a href="#">Deuterostomia</a>	<a href="#">41</a>	21	
... <a href="#">Saccoglossus kowalevskii</a>	<a href="#">2</a>	1	<a href="#">Saccoglossus kowalevskii hits</a>
... <a href="#">Chordata</a>	<a href="#">35</a>	17	
... <a href="#">Branchiostoma</a>	<a href="#">13</a>	2	
.... <a href="#">Branchiostoma belcheri</a>	<a href="#">7</a>	1	<a href="#">Branchiostoma belcheri hits</a>
.... <a href="#">Branchiostoma floridae</a>	<a href="#">6</a>	1	<a href="#">Branchiostoma floridae hits</a>
... <a href="#">Gnathostomata</a>	<a href="#">22</a>	15	
.... <a href="#">Euteleostomi</a>	<a href="#">19</a>	13	
..... <a href="#">Dipnotetrapodomorpha</a>	<a href="#">14</a>	8	
..... <a href="#">Tetrapoda</a>	<a href="#">12</a>	7	
..... <a href="#">Crocodylia</a>	<a href="#">8</a>	4	
..... <a href="#">Longirostres</a>	<a href="#">2</a>	2	
..... <a href="#">Gavialis gangeticus</a>	<a href="#">1</a>	1	<a href="#">Gavialis gangeticus hits</a>
..... <a href="#">Crocodylus porosus</a>	<a href="#">1</a>	1	<a href="#">Crocodylus porosus hits</a>
..... <a href="#">Alligator</a>	<a href="#">6</a>	2	
..... <a href="#">Alligator sinensis</a>	<a href="#">1</a>	1	<a href="#">Alligator sinensis hits</a>
..... <a href="#">Alligator mississippiensis</a>	<a href="#">5</a>	1	<a href="#">Alligator mississippiensis hits</a>
..... <a href="#">Batrachia</a>	<a href="#">4</a>	3	
..... <a href="#">Andrias davidianus</a>	<a href="#">1</a>	1	<a href="#">Andrias davidianus hits</a>
..... <a href="#">Xenopus</a>	<a href="#">3</a>	2	
..... <a href="#">Xenopus laevis</a>	<a href="#">2</a>	1	<a href="#">Xenopus laevis hits</a>
..... <a href="#">Xenopus tropicalis</a>	<a href="#">1</a>	1	<a href="#">Xenopus tropicalis hits</a>
..... <a href="#">Protopterus annectens</a>	<a href="#">2</a>	1	<a href="#">Protopterus annectens hits</a>
..... <a href="#">Actinopteri</a>	<a href="#">5</a>	5	
..... <a href="#">Neopterygii</a>	<a href="#">4</a>	4	
..... <a href="#">Gobionellinae</a>	<a href="#">3</a>	3	
..... <a href="#">Acanthogobius</a>	<a href="#">2</a>	2	
..... <a href="#">Acanthogobius hasta</a>	<a href="#">1</a>	1	<a href="#">Acanthogobius hasta hits</a>
..... <a href="#">Acanthogobius flavimanus</a>	<a href="#">1</a>	1	<a href="#">Acanthogobius flavimanus hits</a>
..... <a href="#">Mugilogobius chulae</a>	<a href="#">1</a>	1	<a href="#">Mugilogobius chulae hits</a>
..... <a href="#">Lepisosteus oculatus</a>	<a href="#">1</a>	1	<a href="#">Lepisosteus oculatus hits</a>
..... <a href="#">Acipenser schrenckii</a>	<a href="#">1</a>	1	<a href="#">Acipenser schrenckii hits</a>

..... <a href="#">Chondrichthyes</a>	<a href="#">3</a>	2	
..... <a href="#">Callorhinchus milii</a>	<a href="#">2</a>	1	<a href="#">Callorhinchus milii hits</a>
..... <a href="#">Rhincodon typus</a>	<a href="#">1</a>	1	<a href="#">Rhincodon typus hits</a>
... <a href="#">Valvatida</a>	<a href="#">4</a>	3	
... <a href="#">Asterinidae</a>	<a href="#">2</a>	2	
..... <a href="#">Patiriella regularis</a>	<a href="#">1</a>	1	<a href="#">Patiriella regularis hits</a>
..... <a href="#">Patiria miniata</a>	<a href="#">1</a>	1	<a href="#">Patiria miniata hits</a>
... <a href="#">Acanthaster planci</a>	<a href="#">2</a>	1	<a href="#">Acanthaster planci hits</a>
. <a href="#">Scleractinia</a>	<a href="#">2</a>	2	
.. <a href="#">Orbicella faveolata</a>	<a href="#">1</a>	1	<a href="#">Orbicella faveolata hits</a>
.. <a href="#">Euphyllia ancora</a>	<a href="#">1</a>	1	<a href="#">Euphyllia ancora hits</a>

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