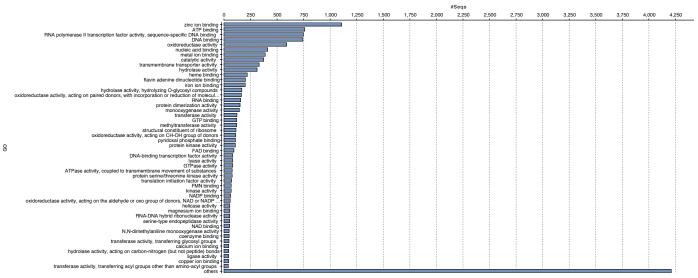
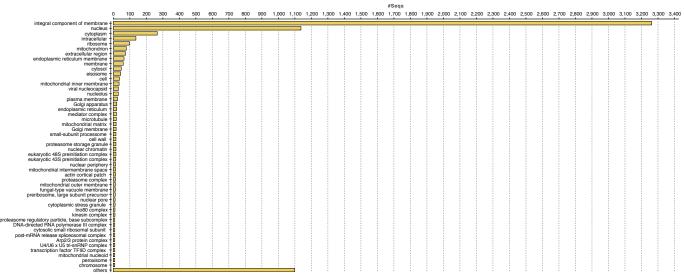


## Direct GO Count (MF) [augustus\_aaseq\_F3]



## Direct GO Count (CC) [augustus\_aaseq\_F3]

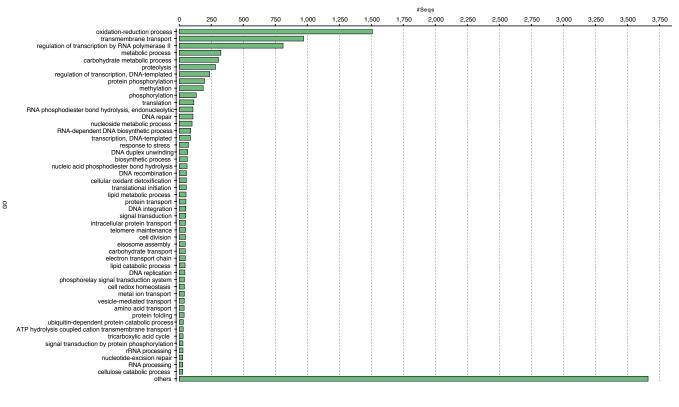


GO

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Direct GO Count (BP) [augustus\_aaseq\_BLAST2GO]



## Direct GO Count (MF) [augustus\_aaseq\_BLAST2GO]

	#Seqs																		
0	250	500	750	1 000	1,250	1,500	1 750	2.000			2.750	3.000	3.250	3.500	3.750	4.000	4.250	4.500	47
L	250	500	750	1,000	1,230	1,300	1,750	2,000	2,20	2,300	2,750	3,000	3,230	3,300	3,730	4,000	4,230	4,300	4,/
zinc ion binding + ATP binding +				1															
A I P binding + RNA polymerase II transcription factor activity, sequence-specific D+ DNA binding +																			
DNA binding																			
oxidoreductase activity																			
nucleic acid binding																			
metal ion binding + catalytic activity +		- i -																	
hydrolase activity																			
transmembrane transporter activity																			
heme binding																			
protein dimerization activity flavin adenine dinucleotide binding																			
iron ion binding																			
oxidoreductase activity, acting on paired donors, with incorporation																			
hydrolase activity, hydrolyzing O-glycosyl compounds																			
RNA binding																			
monooxygenase activity																			
transferase activity																			
GTP binding +																			
structural constituent of ribosome																			
oxidoreductase activity, acting on CH-OH group of donors																			
pyriuoxai priospirale biriurity +	-																		
protein kinase activity - FAD binding + DNA-binding transcription factor activity +																			
DNA-binding transcription factor activity																			
lyase activity																			
kinase activity + protein serine/threonine kinase activity + RNA-directed DNA polymerase activity +																			
BNA-directed DNA polymerase activity																			
GTPase activity																			
BNA-DNA hybrid ribonuclease activity																			
ATPase activity, coupled to transmembrane movement of substances NADP binding																			
translation initiation factor activity	-																		
N-acetyltransferase activity																			
N-acetyltransferase activity FMN binding + helicase activity +																			
helicase activity																			
magnesium ion binding																			
oxidoreductase activity acting on the aldehyde or oxo group of donor																			
magnesismi fon binding magnesismi fon binding ligase activity oxidoreductase activity, acting on the aldehyde or oxo group of donor NAD binding										1									
serine-type endopeptidase activity																			
transferase activity, transferring glycosyl groups -																			
calcium ion binding	i .																		
ry,-cumentylainine molioxygeriase activity serine-type endopeptidase activity coercyme binding transferase activity, transferring glycosy groups calcium ion binding hydrolase activity, acting on carbon-nitrogen (but not pendidb) bords																			
others +																			

## Direct GO Count (CC) [augustus\_aaseq\_BLAST2GO]

							#Seq	s						
	0 25	50 500	750	1,000	1,250	1,500	1,750	2,000	2,250	2,500	2,750	3,000	3,250	3,500
	Ľ			1,000	1,200	1,000	1,700	2,000	2,200	2,000	2,700	0,000	0,200	0,000
integral component of membrane														
nucleus -														
cytoplasm -														
intracellular -														1
membrane -							1							1
ribosome -				1.1	1.1	1	1		1	1		1.1		1.1
mitochondrion -				1.1	1		1		1					1.1
extracellular region -					1	1	1	1		1		1		
endoplasmic reticulum membrane														
eisosome -														
cytosol - cell - viral nuckocapsid - mitochondrial inner membrane nuckolus -														
cell -							1							
viral nucleocapsid							1							1
mitochondrial inner membrane -							1							
nucleolus -				1		1	1		1	1		1		1
ridonucleoprotein complex +				1	1	1	1	1.1	1.1	1		1		1
plasma membrane proteasome complex				1	1	1	1	1.1	1.1	1		1.1	1.1	1.1
proteasome complex				1.1			1					1		1
microtubule -	<b>i</b>			1			1					1		
modiator complex	<b>1</b>			1		1	1					1		1
mediator complex mitochondrial matrix	1													
Golgi membrane	-													1
Goigi memorane														1
endoplasmic reticulum -														
cell wall -														
eukaryotic 43S preinitiation complex														1
eukaryotic 48S preinitiation complex -				1		1	1		1	1		1		1
mitochondrial intermembrane space				1.1	1.1	1	1		1	1		1		1
spliceosomal complex -	0			1	1	1	1	1.1	1.1	1		1.1		1.1
ntegral component of endoplasmic reticulum membrane				1.1			1					1		
nuclear pore -				1			1					1		
Golgi apparatus -	ñ													
eukaryotic translation initiation factor 3 complex	ň													
mitochondrial outer membrane							1							- i -
							i i							- i -
chromosome -							1							
small-subunit processome				1		1	1					1		1
kinesin complex -					1	1	1		1	1		1		1
cytosolic small ribosomal subunit				1.1			1			1		1		1
DASH complex -				1.1	1		1					1.1		1
Ino80 complex -				1.1			1					1.1		1
exocyst -														
vacuolar membrane -														
Arp2/3 protein complex -	í l													
cytoplasmic stress granule	i													
microtubule organizing center -							1							- i -
COP9 signalosome														1
large ribosomal subunit				1	:	1	1			1		1		
				1		1	1			1		1	1	1
integral component of peroxisomal membrane				1		1	1			1		1	1	1
beta-galactosidase complex -				1		1	1		1	1		1.1	1.1	1.1
proteasome storage granule -	J			1.1	1	1	1	1.1	1.1	1.1		1.1	1.1	1.1
others -														

90