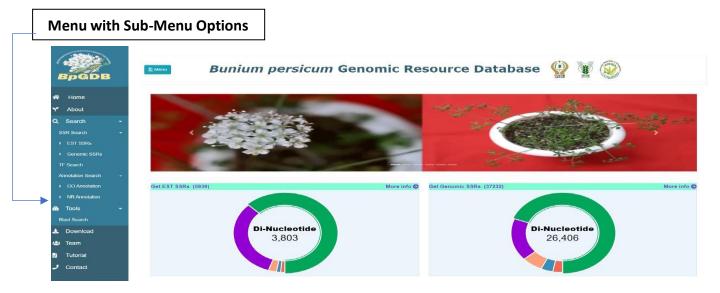
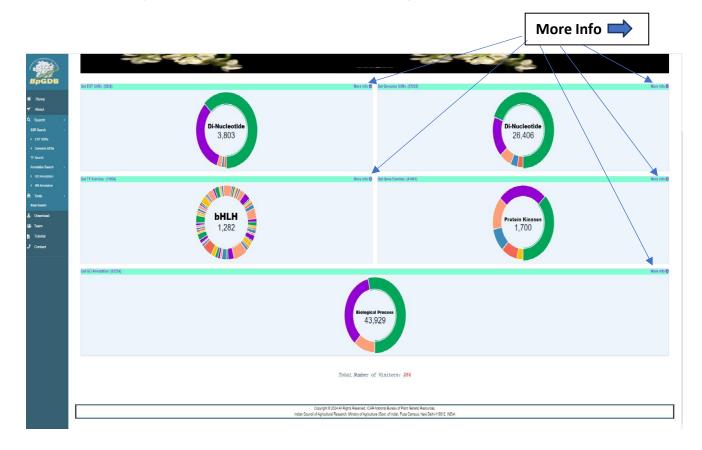
TUTORIALS of "Bunium persicum" Genomic Resource Database

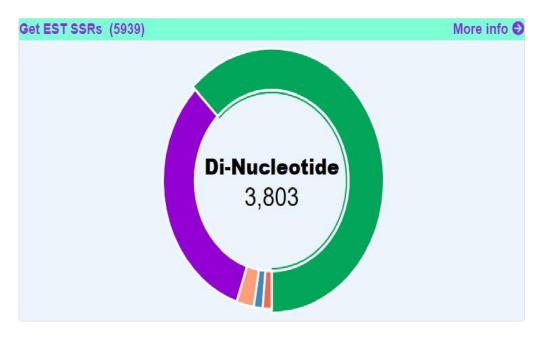
1. **HOME Page** consists information about the database with different Menu options to access the database efficiently.



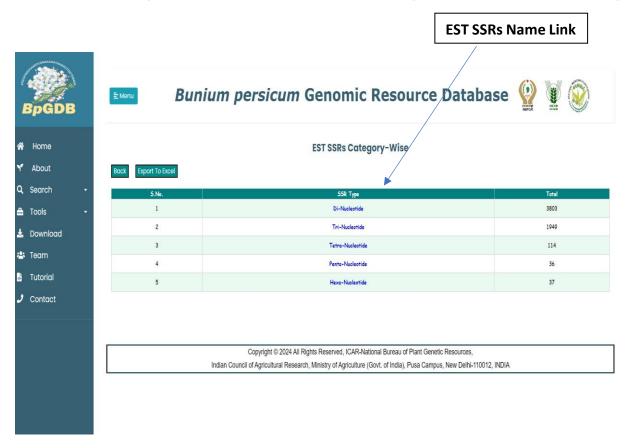
1.(a).By Clicking on More Info Link, user will get further details.



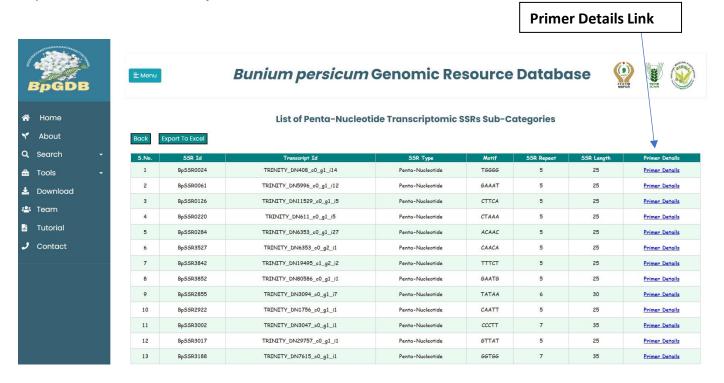
2. By-Clicking on Get EST SSRs Circle, the user will get particular Category Detail.



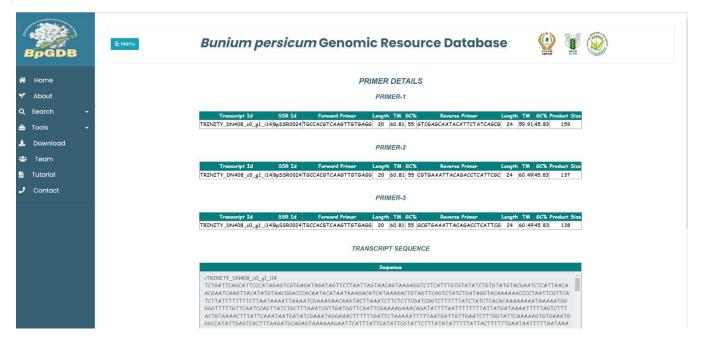
2.(a). By-Clicking on "More info" link, user will get all EST SSRs Categories.



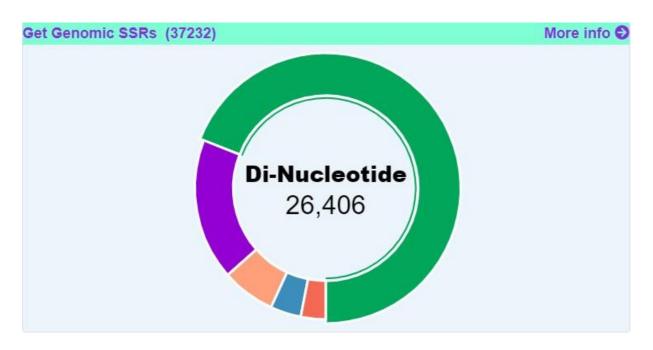
2.(b). User will get particular SSRs Sub-Categories which consists of SSR Id, Transcript Id, SSR Type, Motif, SSR Repeat, SSR Length & Primer Details Link with Export to Excel Facility Function.



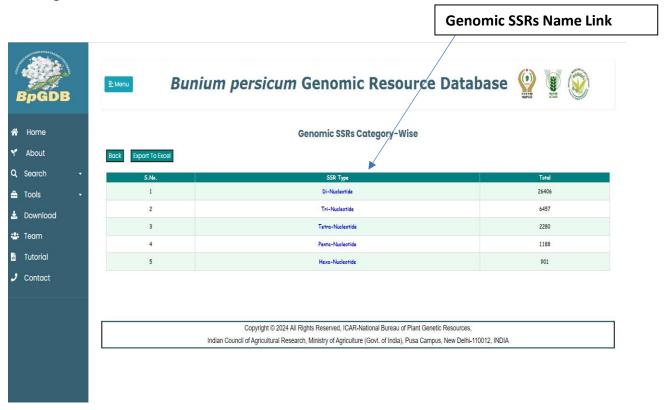
2.(c). By-clicking on Primer Details link, the user will get Primer-1,2,3 details along with Transcript Sequence with Export to Excel Facility Function.



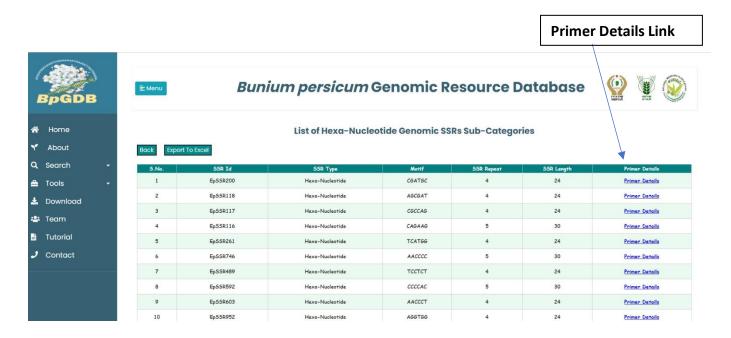
3. By-Clicking on Get Genomic SSRs Circle, the user will get particular Category Detail.



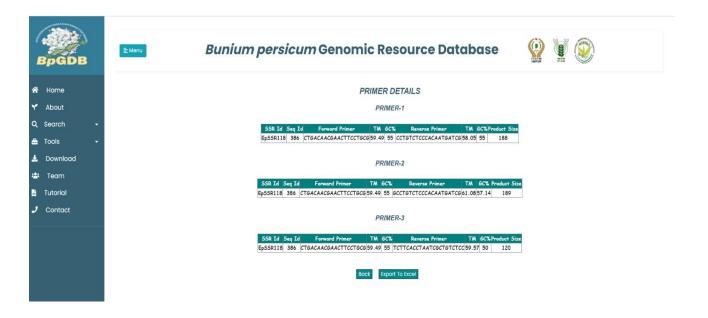
3.(a). By-Clicking on "More info" link, user will get all Genomic SSRs Categories.



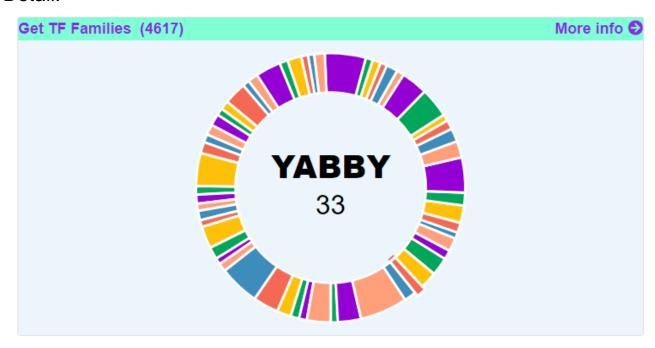
3.(b). User will get particular SSRs Sub-Categories which consists of SSR Id, SSR Type, Motif, SSR Repeat, SSR Length & Primer Details Link with Export to Excel Facility Function.



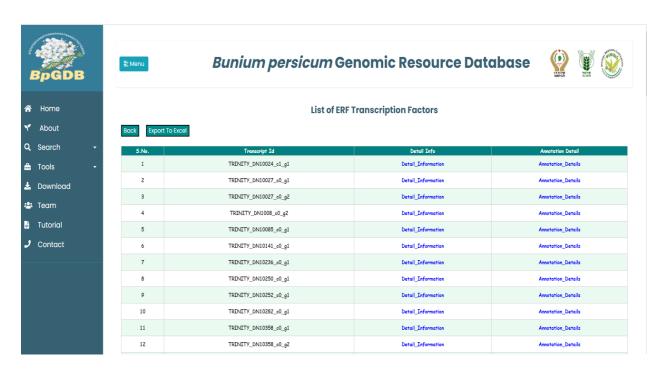
3.(c). By-clicking on Primer Details link, the user will get Primer-1,2,3 details with Export to Excel Facility Function.



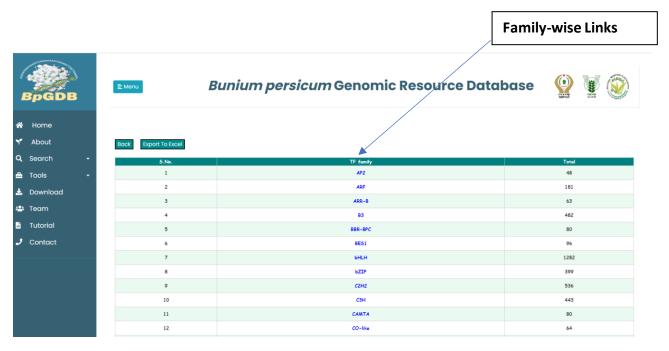
4. By-Clicking on Get TF Families Circle, the user will get particular Family Detail.



4.(a). User will get List of Particular Family Transcription Factors with Export to Excel Facility Function.



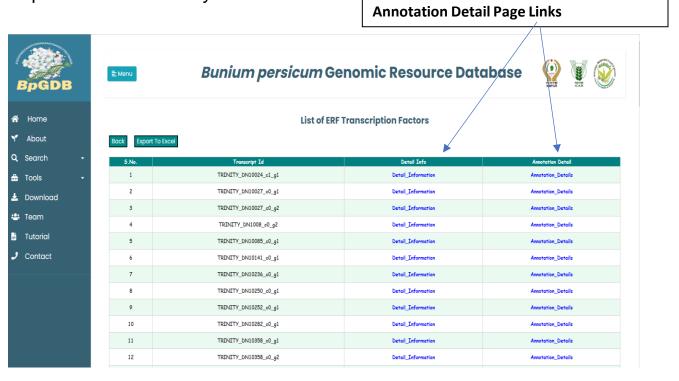
4.(b). By-Clicking on "More info" link, User will Get TF Family List Details (which are clickable to get further details) with Export to Excel Facility Function.



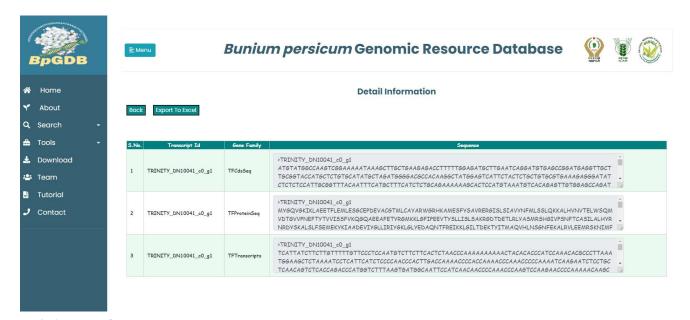
4.(c). By clicking on Family-Names, User will get detail like Transcript ID, Detail

Detail information &

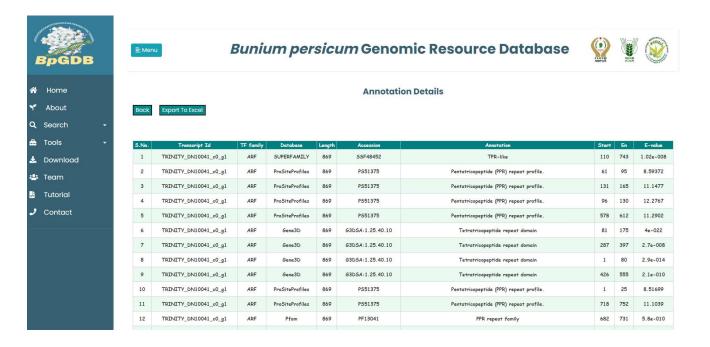
Information & Annotation Detail with Export to Excel Facility Function.



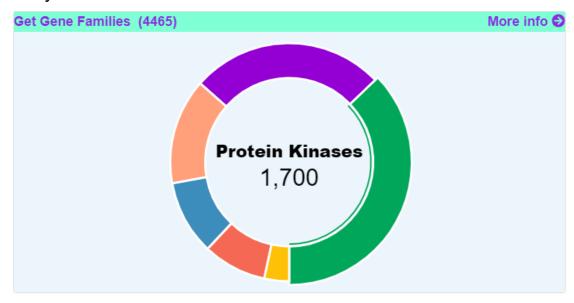
4.(d). By-Clicking on Detail_Information Link, User will get Transcript Id, Gene Family & Sequence Details with Export to Excel Facility Function.



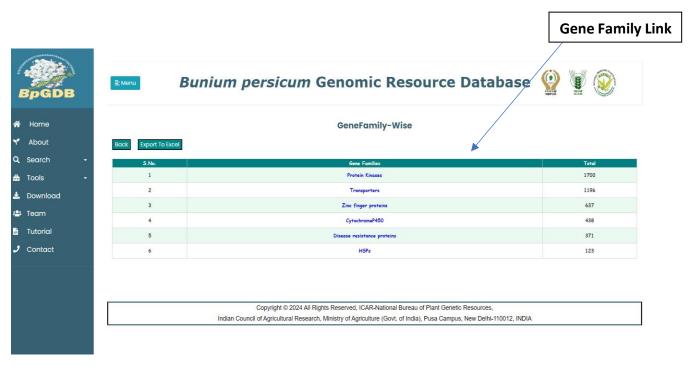
4.(e). By-Clicking on Annotation-Detail Link, User will get Transcript Id, Tf family, Database, Length, Accession, Annotation, start, en, E-value etc. with Export to Excel Facility Function.



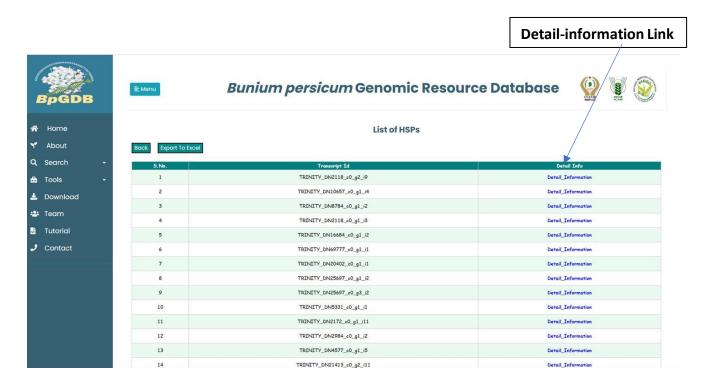
5. By-Clicking on Get Gene Families Circle, the user will get particular Gene Family Detail.



5.(a). By-Clicking on "More info" link, user will get all Gene Name Familywise details with Export to Excel Facility Function.



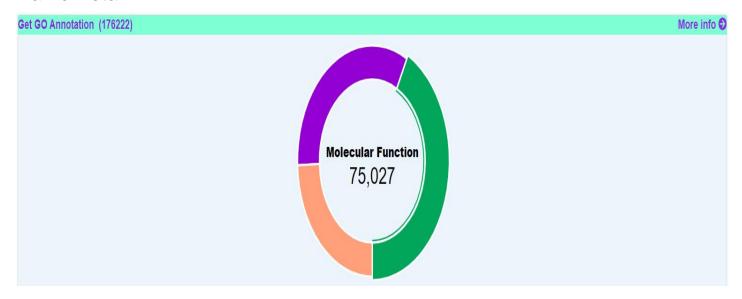
5.(b). By-Clicking on Gene Names, user will get Transcript Id and Detail-Information Link with Export to Excel Facility Function.



5.(c). By-Clicking on Detail-information link, user will get Transcript Id, Gene family and Sequence details with Export to Excel Facility Function.

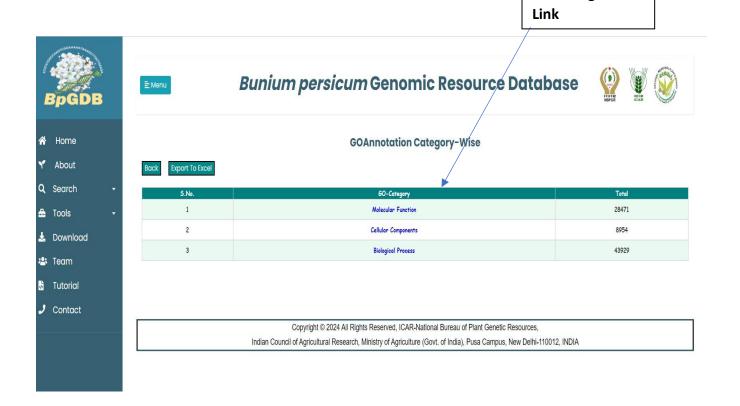


6. By-Clicking on Get GO Annotation Circle, the user will get particular Go Name Detail.

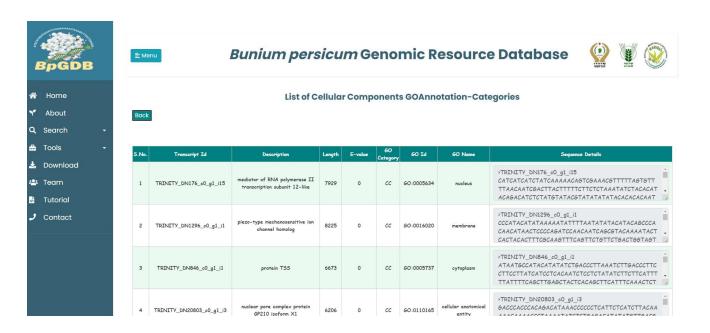


6.(a). By-Clicking on "More info" link, user will get all GO-Annotation Categories with Export to Excel Facility Function.

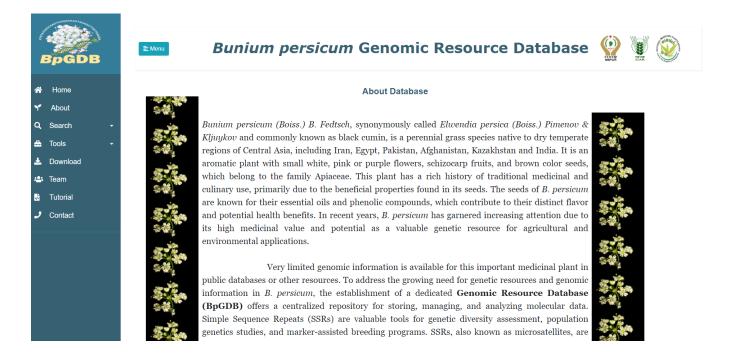
GO-Categories



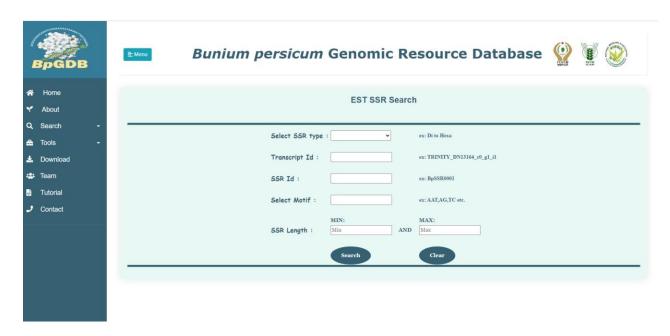
6.(b). By-Clicking on Go-Name Link, user will get Transcript Id, Description, Length, E-value, Go category, Go Id, Go Name with Sequence Details.



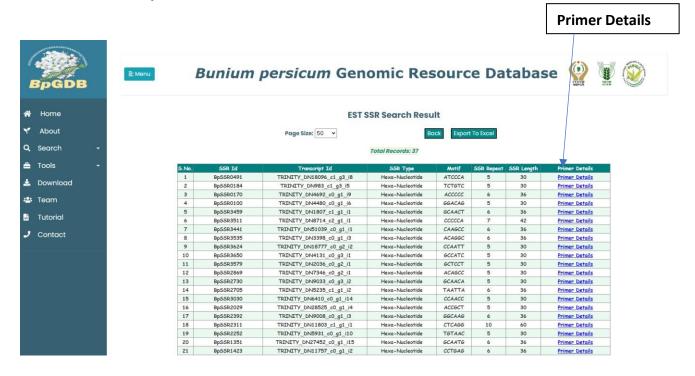
7. About Page of "Bunium persicum".



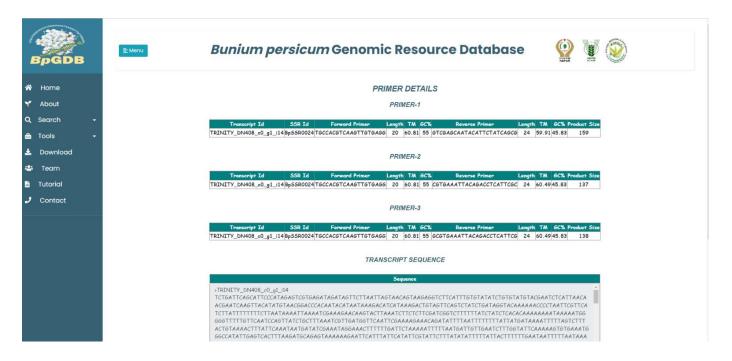
8. **SSR EST Search Page** which helps the user to search database on different parameters like SSR type, Transcript Id, SSR Id, Motif, SSR Length etc.



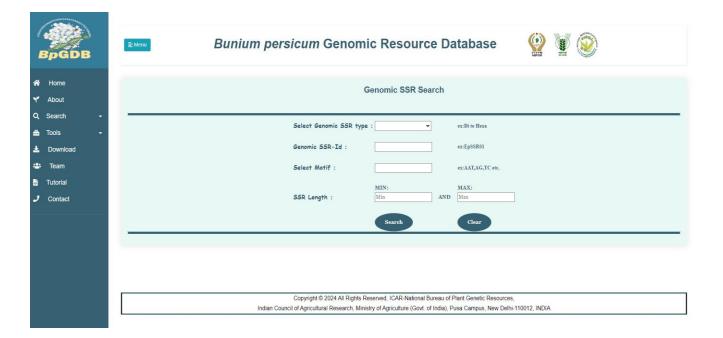
8.(a). Search Result Page consists further detail like SSR Id, Transcript Id, SSR type, Motif, SSR Repeat, SSR Length, Primer Details link with Export to Excel Facility Function.



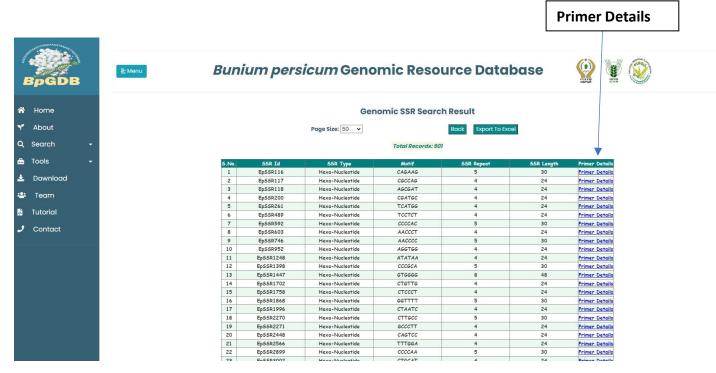
8.(b). Primer Details Link page consists further detail of Primer-1,2,3 & Transcript Sequence with Export to Excel Facility.



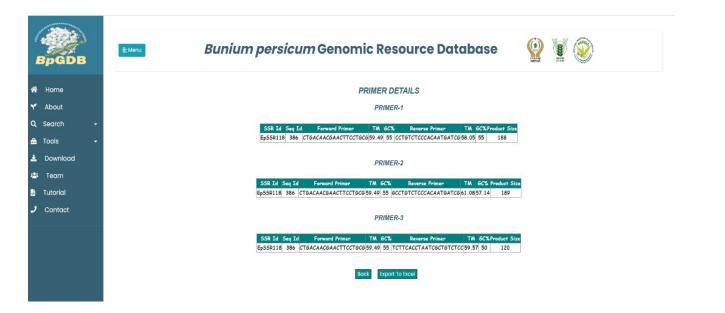
9. **SSR Genomic Search Page** which helps the user to search database on different parameters like Genomic SSR type, Genomic SSR Id, Motif, SSR Length etc.



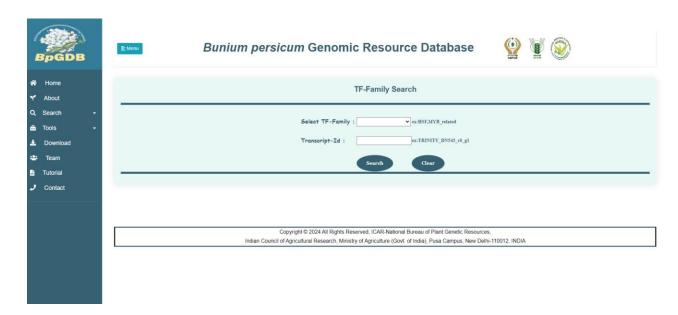
9.(a). Search Result Page consists further detail like SSR Id, SSR Type, Motif, SSR Repeat, SSR Length, Primer Details link with Export to Excel Facility Function.



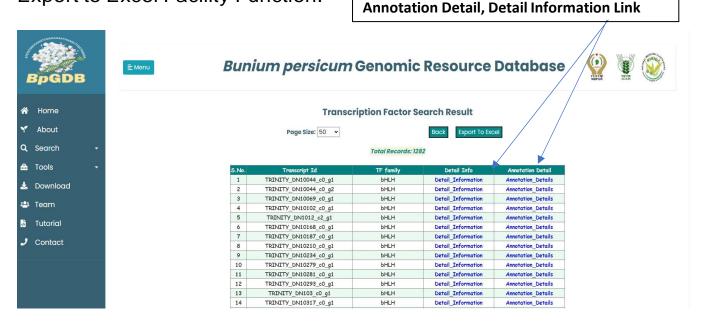
9.(b). Primer Details Link page consists further detail of Primer-1,2,3 with Export to Excel Facility Function.



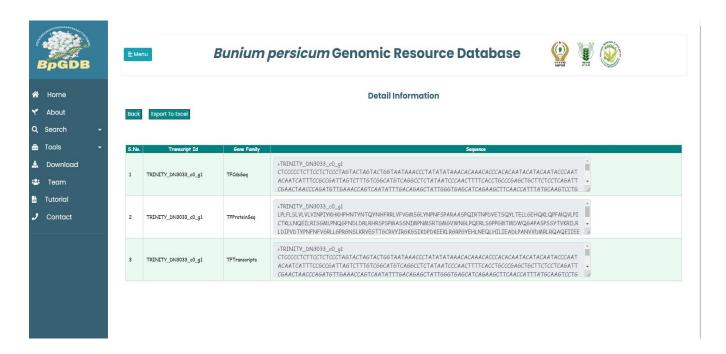
10. **TF-Family Search Page** which helps the user to search database on different parameters like TF Family and Transcript Id etc.



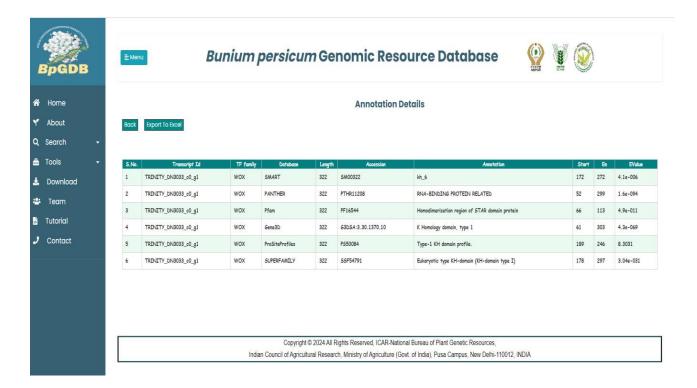
10.(a). Transcripts Factor Search Result Page consists further detail like Transcript Id, TF family, Annotation Detail link, Detail Information link with Export to Excel Facility Function.



10.(b). Detail-Information link page consists of further detail like Transcript Id, Gene Family and Sequence with Export to Excel Facility Function.



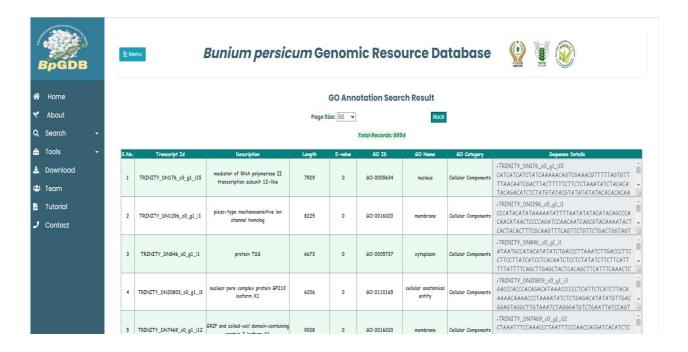
10.(c). Annotation-Details link page consists of further detail like Transcript Id, TF family, Database, Length, Accession, Annotation, Start, En, E-value with Export to Excel Facility Function.



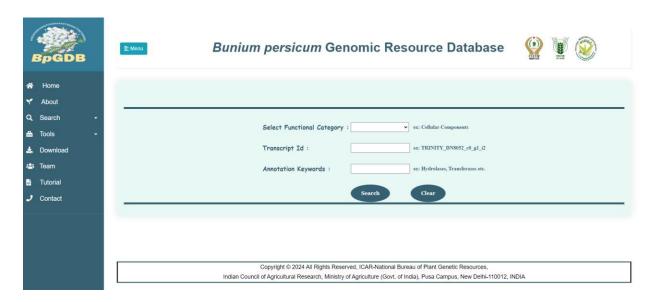
11. **GO-Annotation Search page** through which the user can search database based on different parameters like GO-Category, Transcript Id, GO Id, GO Name.

B pGDB	Bunium persicum Genomic Resource Database 💮 🖫
☆ Home	GO Annotation Search
Y About	
Q Search Tools ✓	Select GO Category : ex: Molecular Function
▲ Download	Transcript Id : ex: TRINITY_DN2113_c0_g1_ill
🖶 Team	GO Id: ex: GO:0030544
🐉 Tutorial	GO Name : ex: Membrane, Lipid Transport etc.
J Contact	
	Search Clear

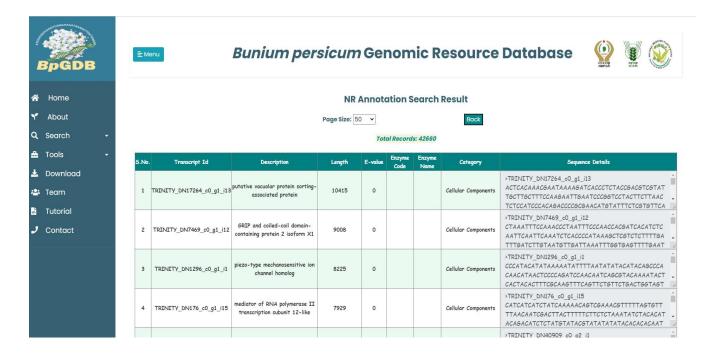
11.(a). GO Annotation Search Result page consists details like Transcript Id, Description, Length, E-value, GO Id, GO Name, Go Category with Sequence details.



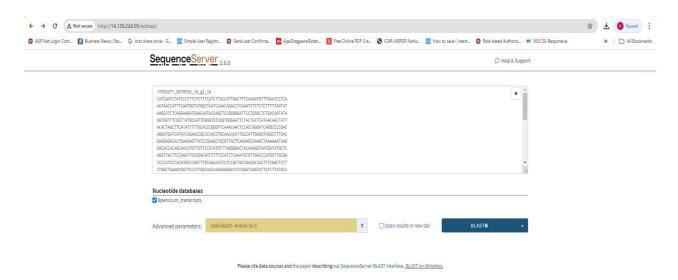
12. **NR Annotation Search page** through which the user can search database based on different parameters like Functional Category, Transcript Id, Annotation Keywords.



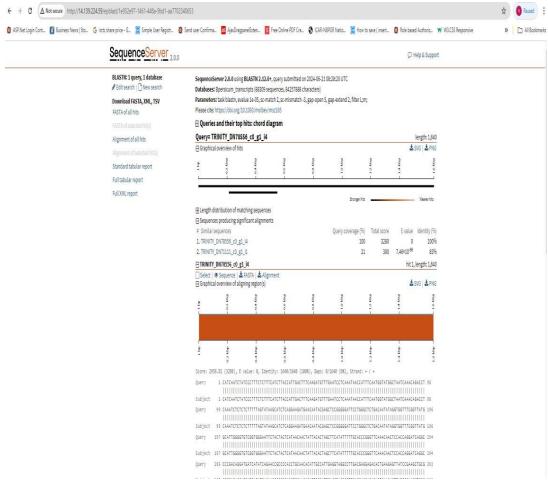
12.(a). NR Annotation Search Result page consists details like Transcript Id, Description, Length, E-value, Category, Enzyme Code, Enzyme Name with Sequence details.

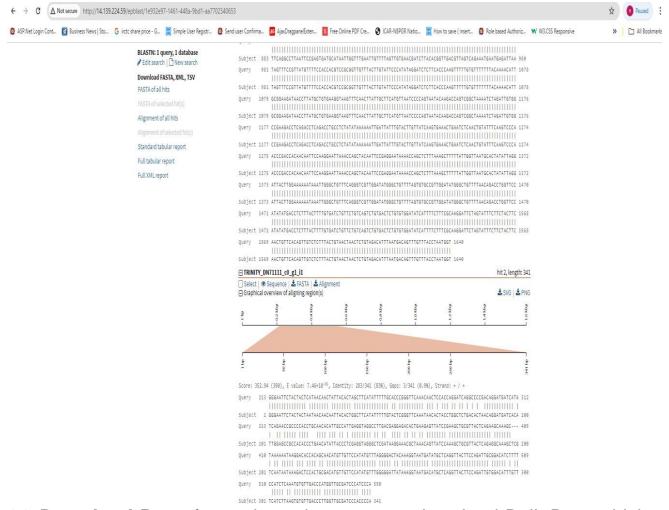


13. User can use Blast Search tool by clicking on Tools > Blast Search sub-menu to perform "Nucleotide Sequence search"

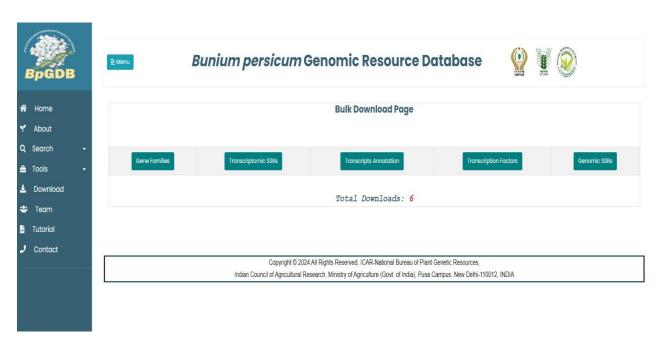


13.(a). Search Parameters Results as follows.

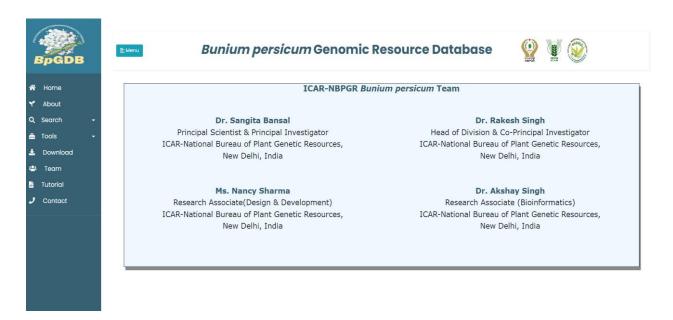




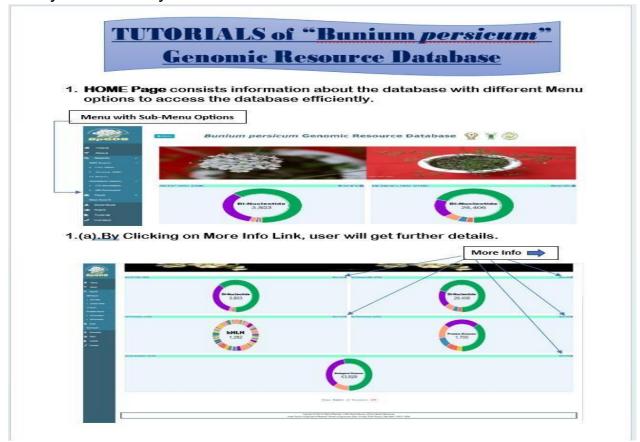
14. **Download Page** from where the user can download Bulk Data which also keep record of total number of downloads done by the user.



15. **Team Page** which consists the detail of persons who are involved in this project.



16. **Tutorial/Manual Page** which helps the user to access the database easily & efficiently.



17. **Contact Us Page** consists the detail of the persons with whom the user can send their queries or suggestions.

