



Математички факултет, Универзитет у Београду

Слике за Семинарски рад из предмета: Истраживање података 2

Аутори:

Марко Никитовић
Бошко Андрић

Предметни наставник:

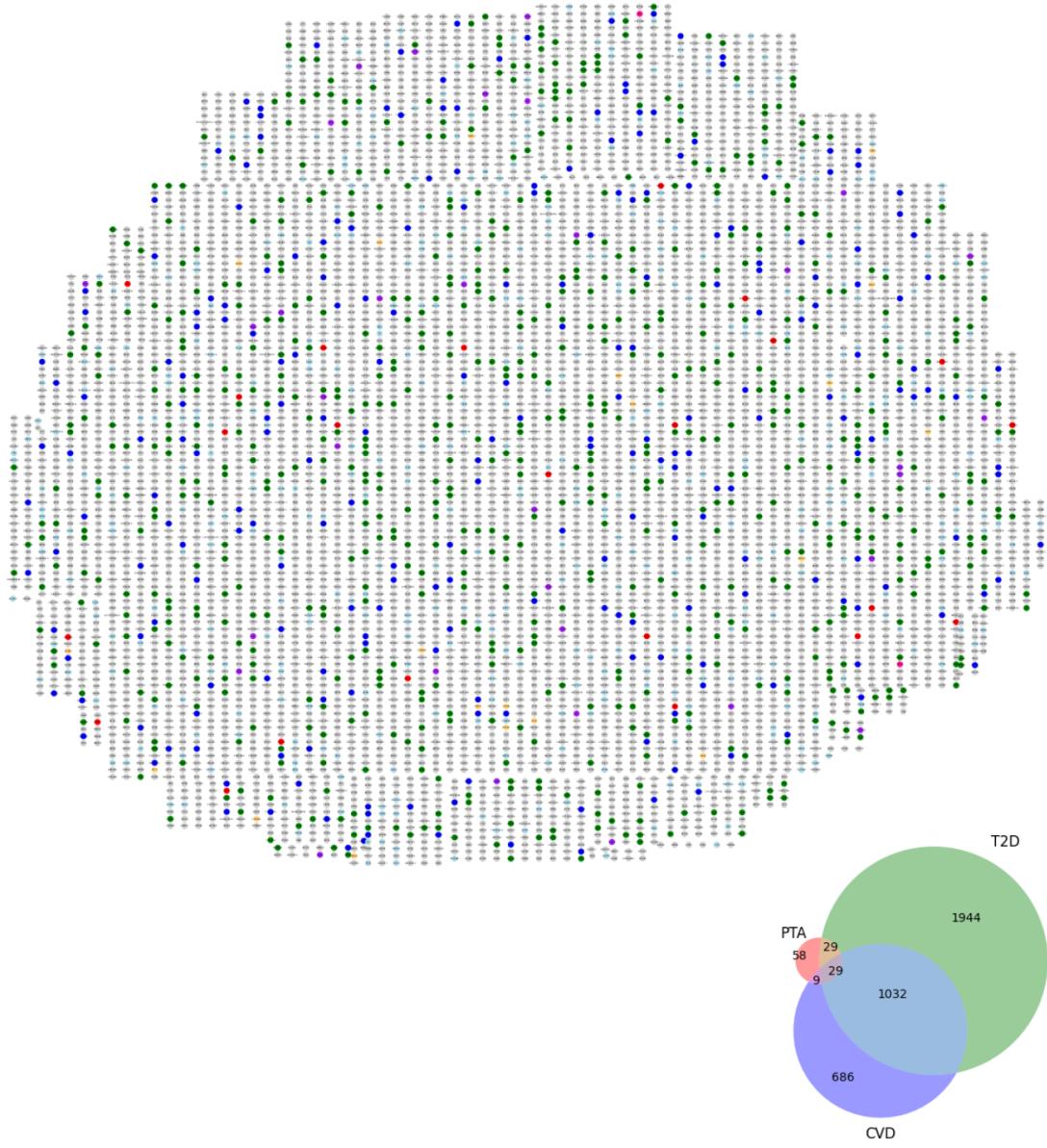
Проф. др Ненад Митић

Школска година 2023/2024

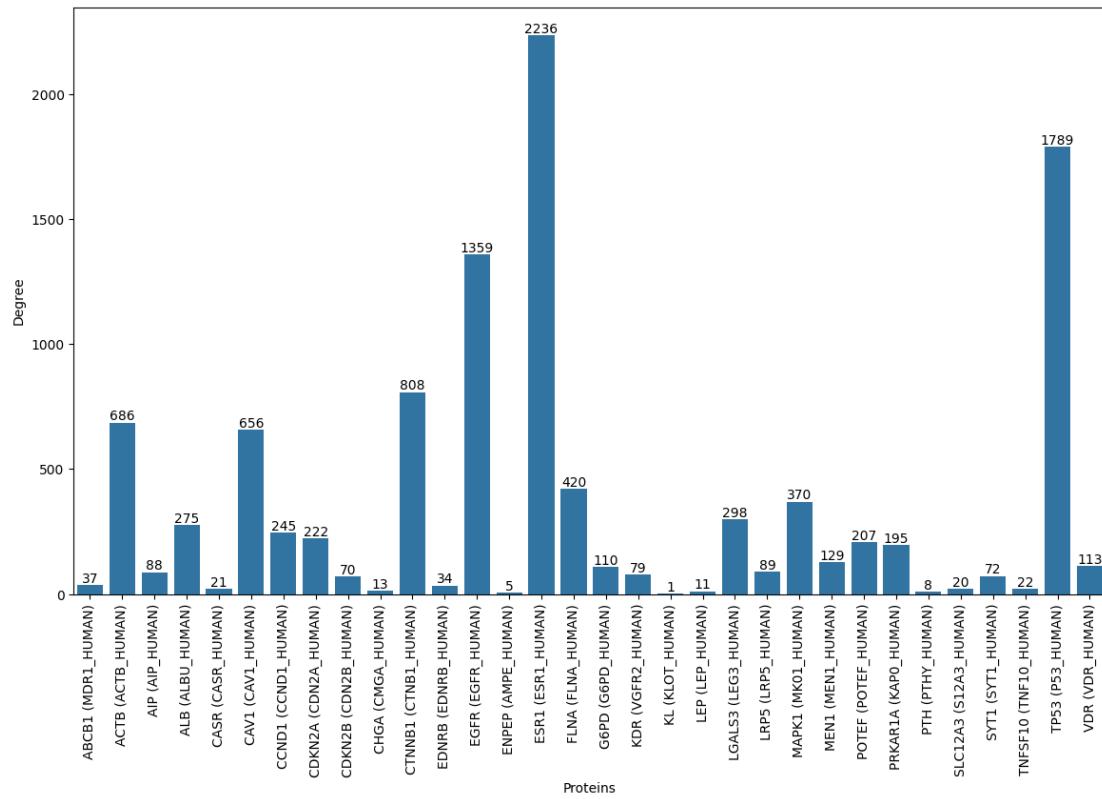
Садржај

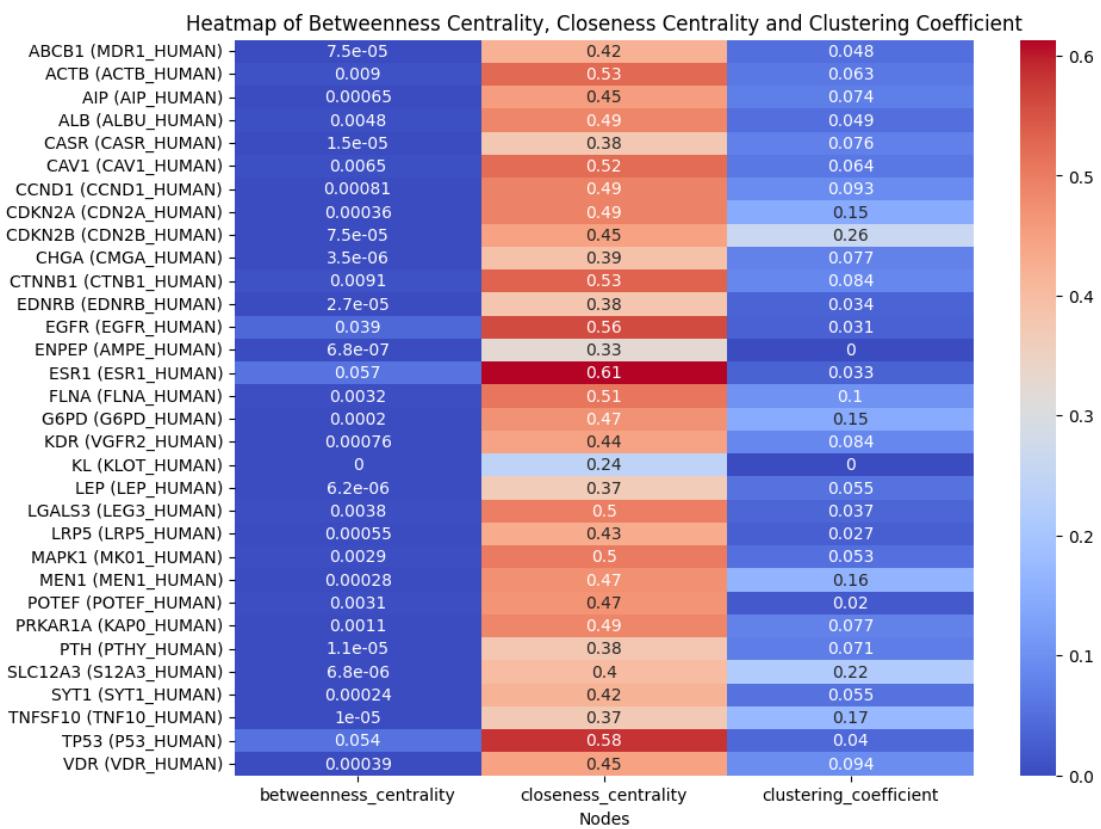
1 Конструкција мреже протеина	2
2 Тополошке карактеристике мреже	3
3 'MCODE'	5
3.1 Модули	5
3.2 Подмодули	20
4 Анализа прекомерне репрезентације скупа гена	31
4.1 Анализа обогаћивања	31
4.2 Анализа обогаћивања путања	52
5 Интеракције између лекова и циљаних протеина	63

1 Конструкција мреже протеина



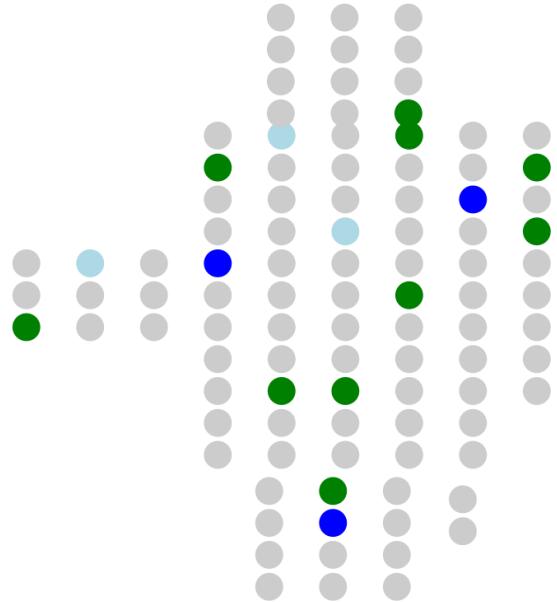
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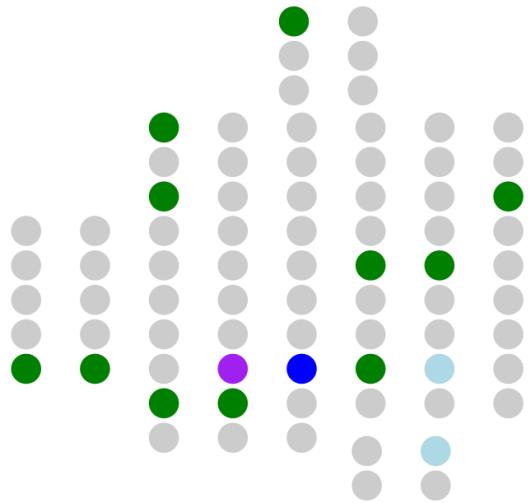


3 'MCODE'

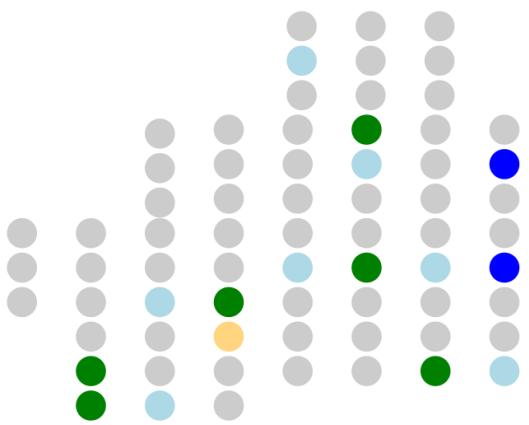
3.1 Модули



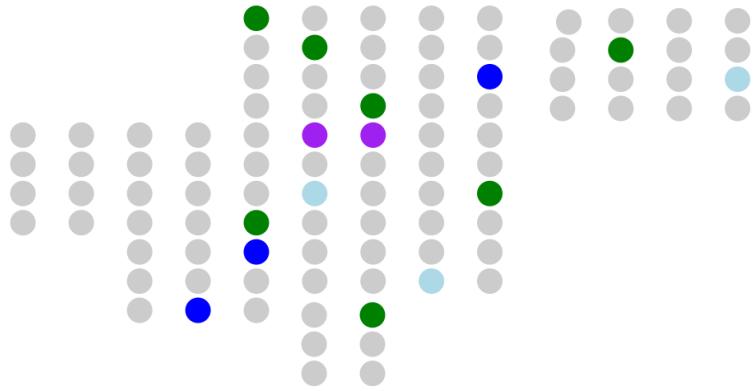
Слика 1: 1. модул



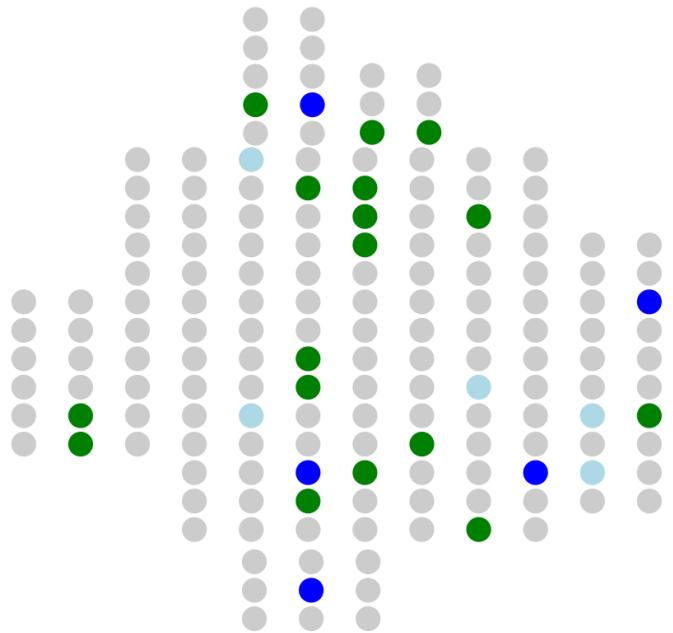
Слика 2: 2. модул



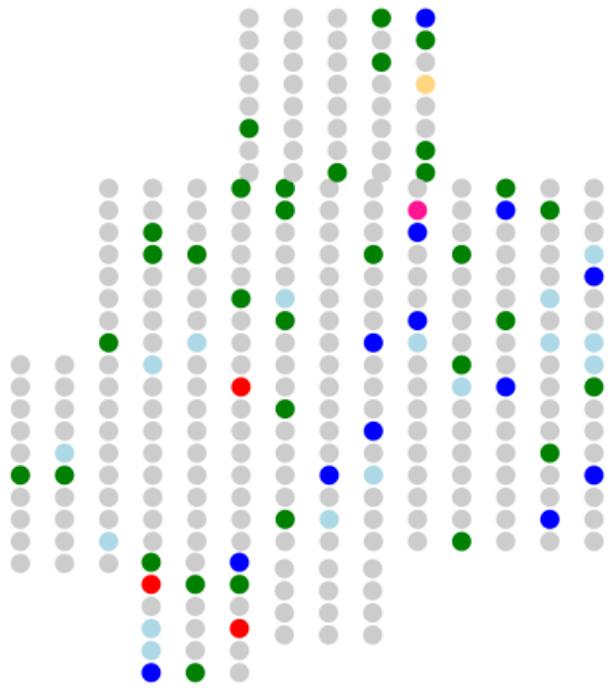
Слика 3: 3. модул



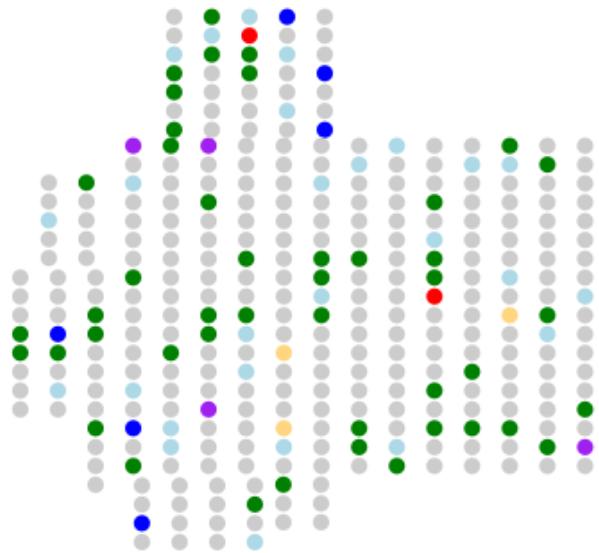
Слика 4: 4. модул



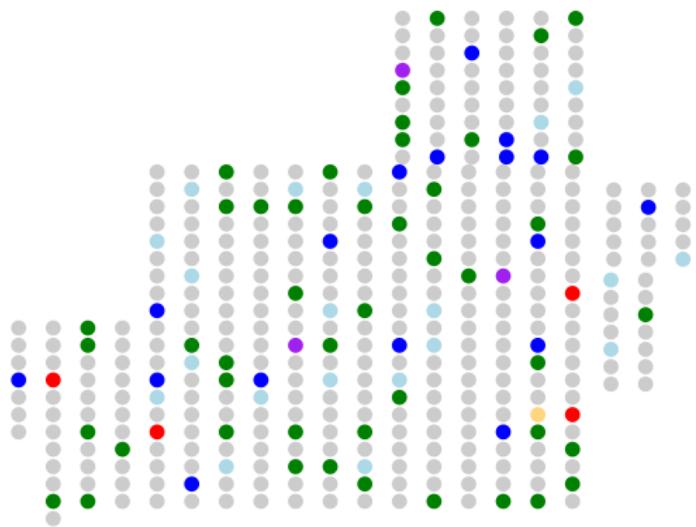
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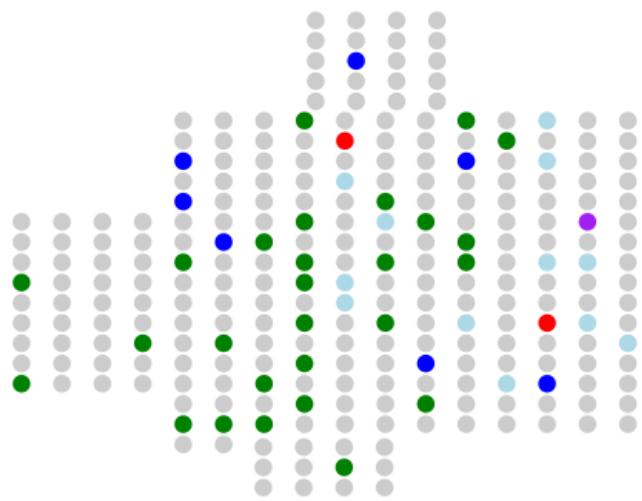
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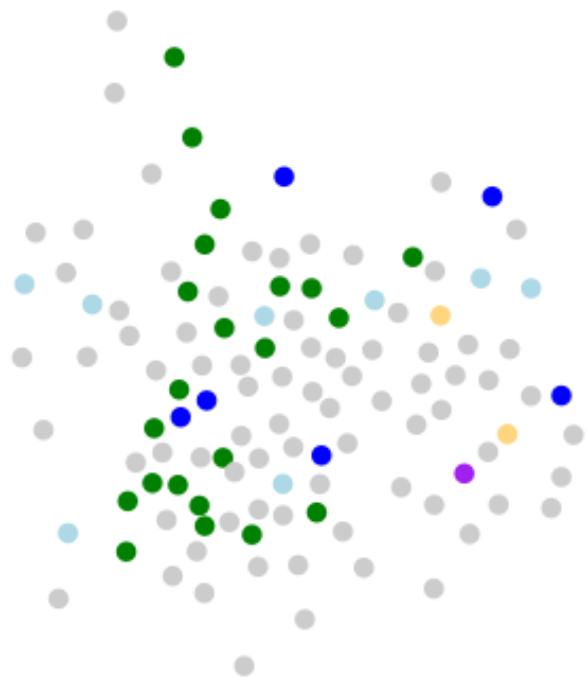
Слика 7: 7. модул



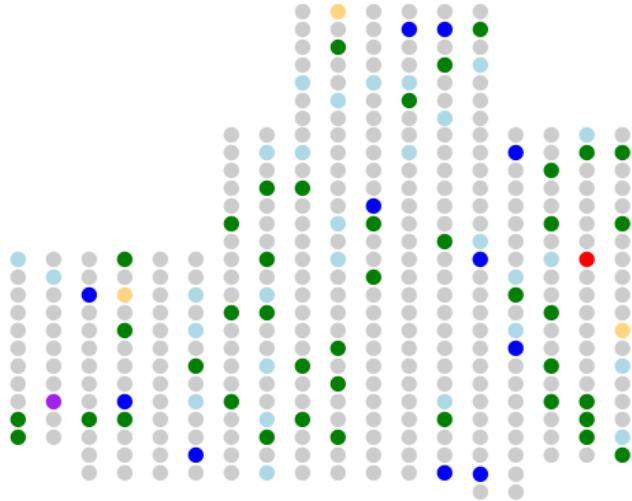
Слика 8: 8. модул



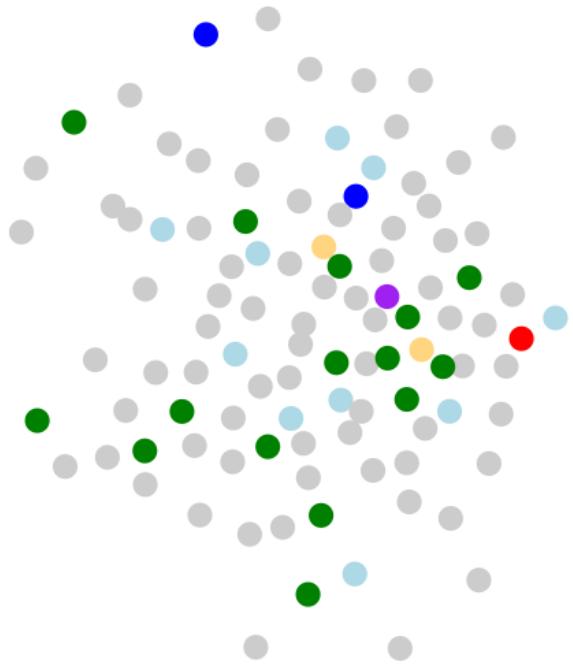
Слика 9: 9. модул



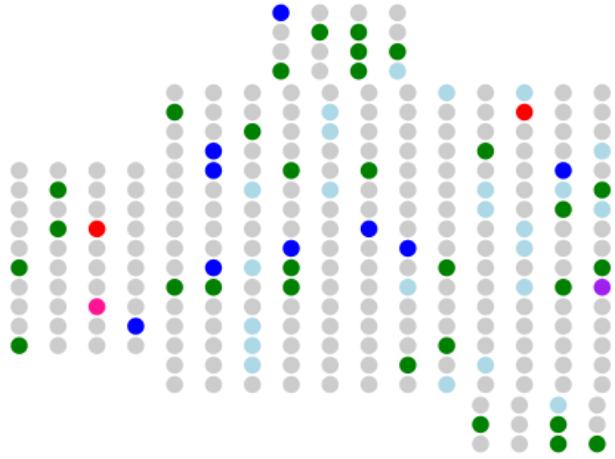
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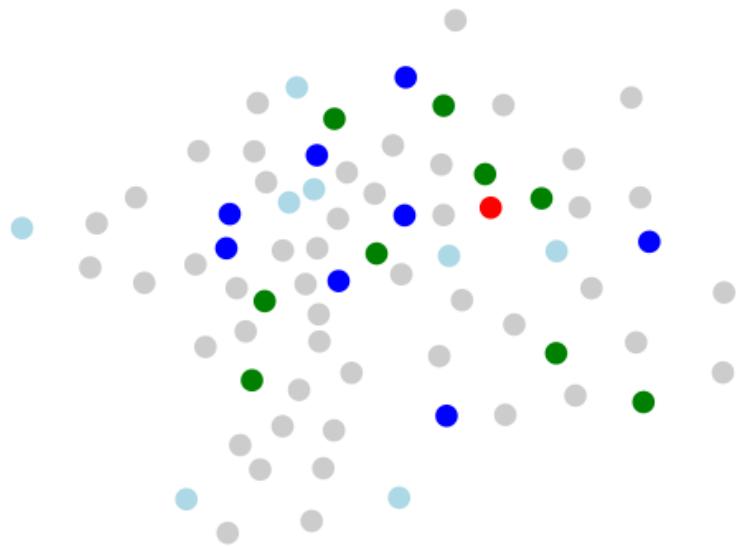
Слика 11: 11. модул



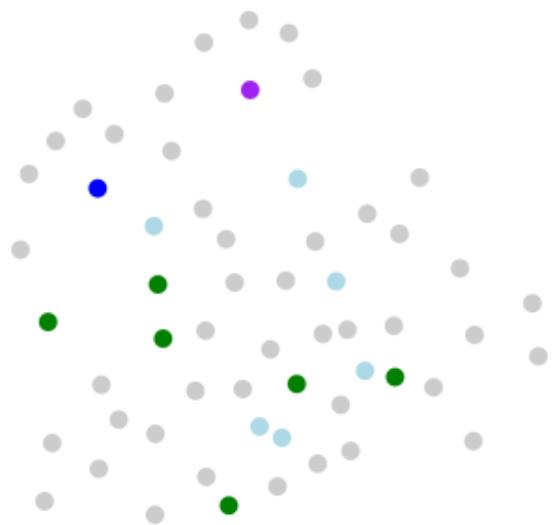
Слика 12: 12. модул



Слика 13: 13. модул

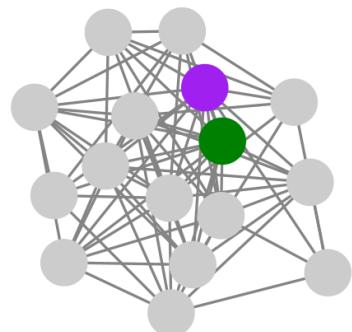


Слика 14: 14. модул

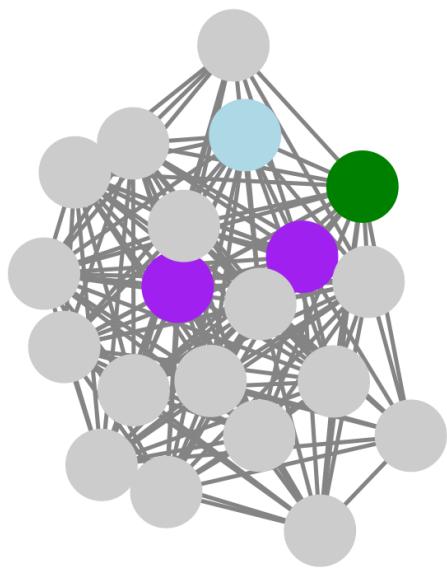


Слика 15: 15. модул

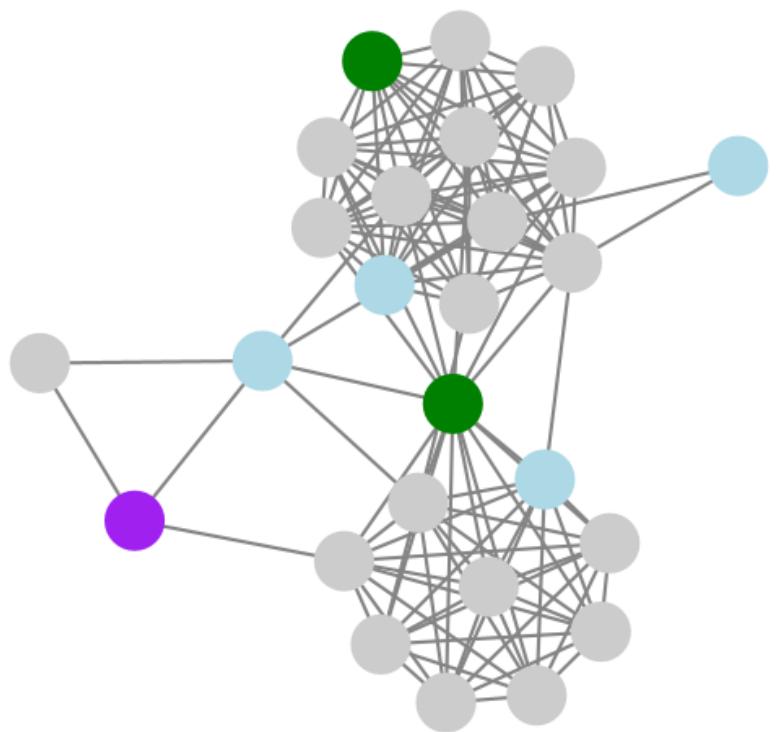
3.2 Подмодули



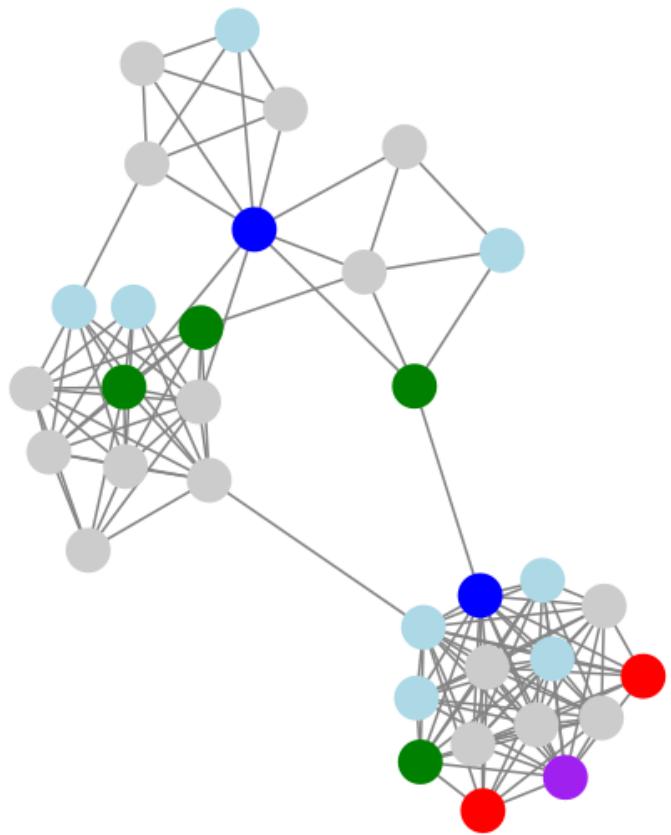
Слика 16: 2.1. модул



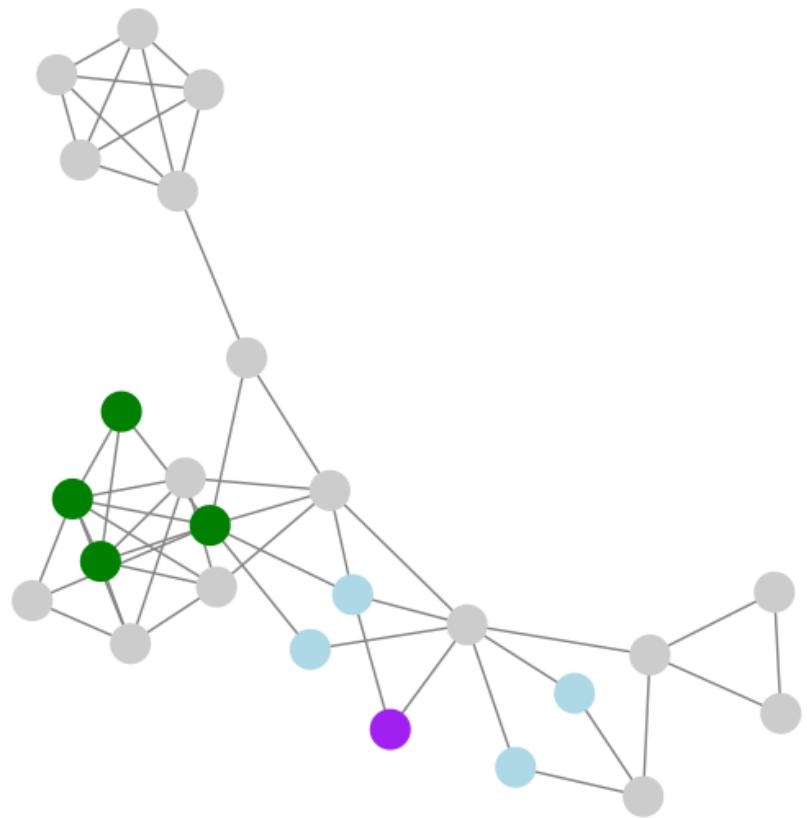
Слика 17: 4.1. модул



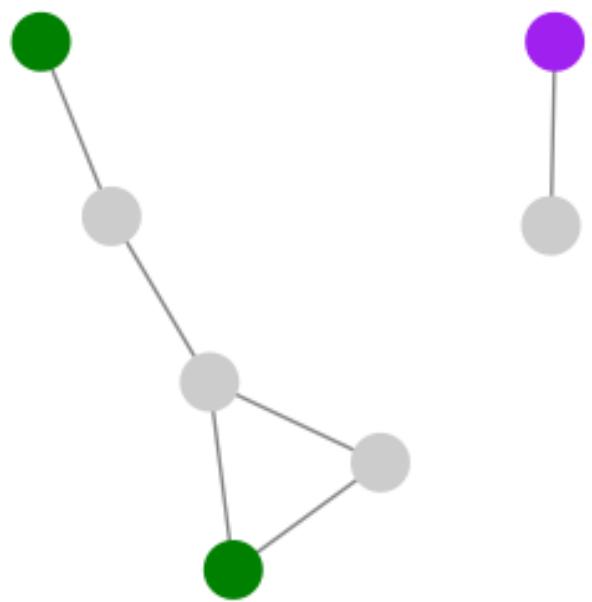
Слика 18: 7.1. модул



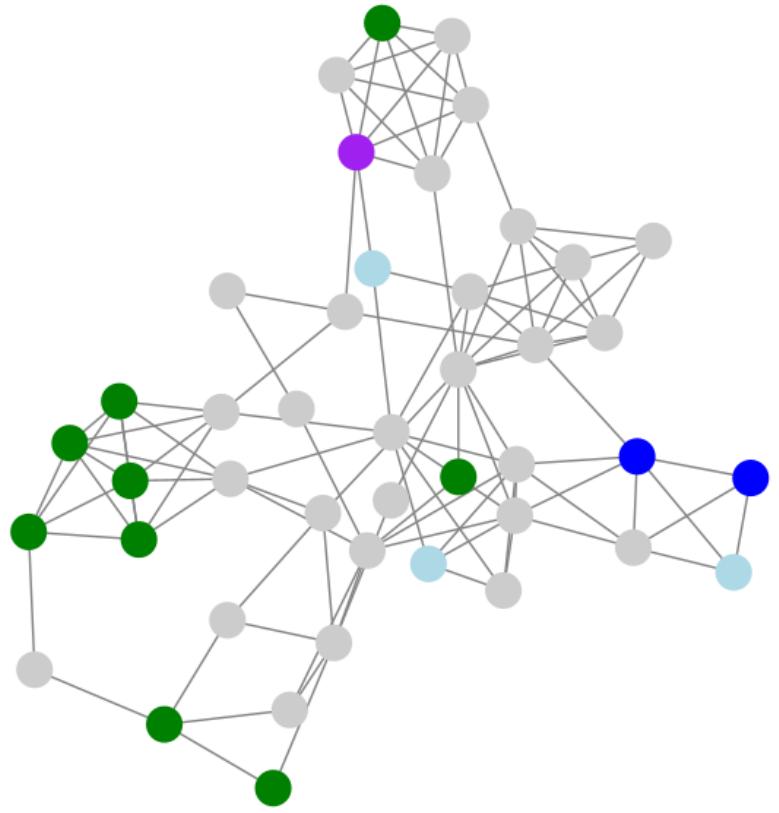
Слика 19: 7.2. модул



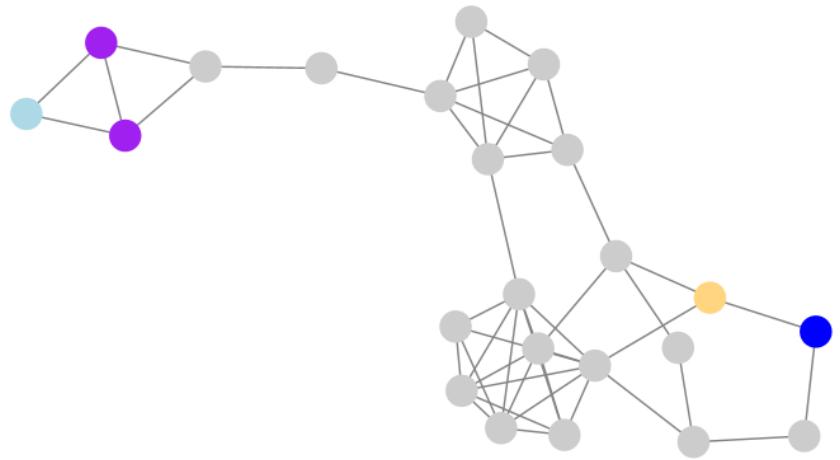
Слика 20: 7.3. модул



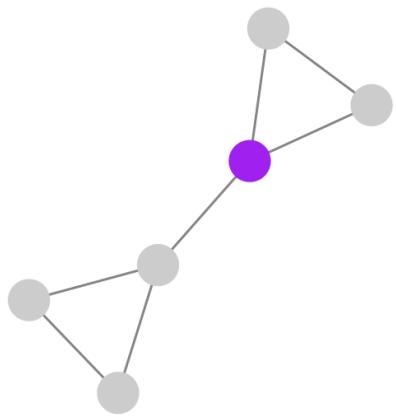
Слика 21: 7.4. модул



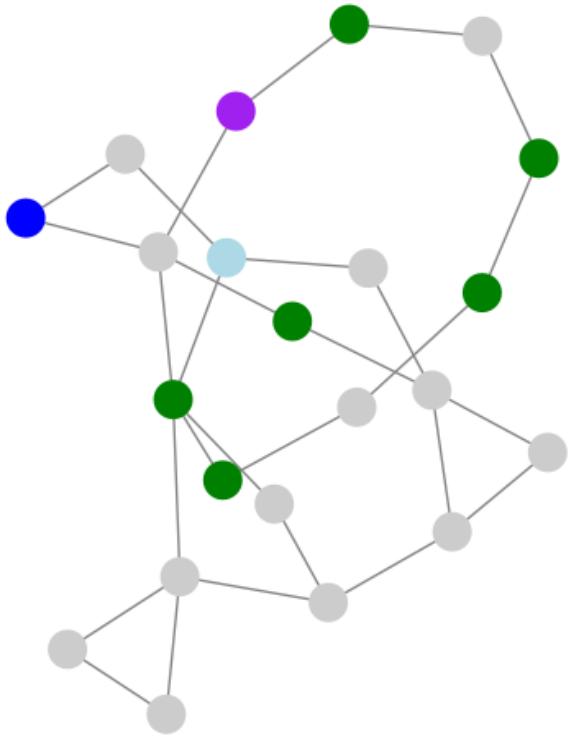
Слика 22: 8.1. модул



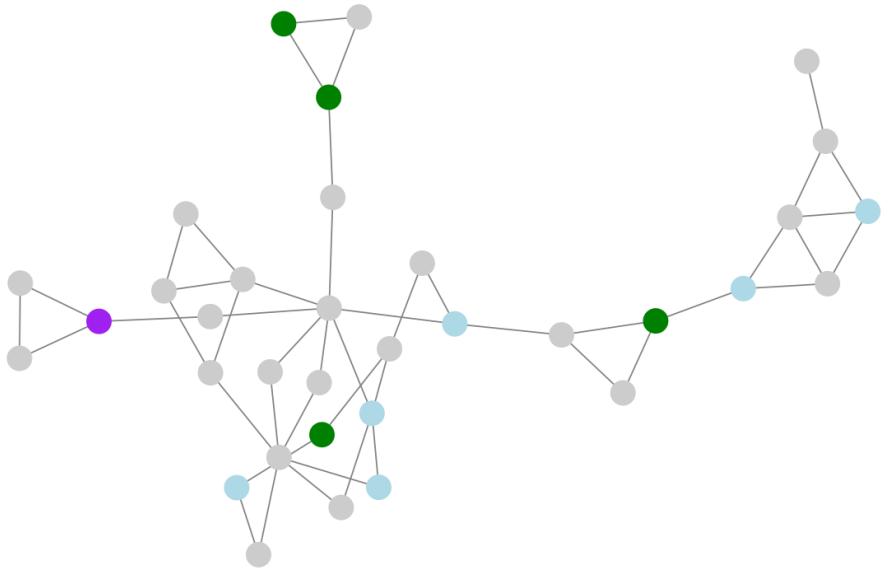
Слика 23: 8.2. модул



Слика 24: 9.1. модул



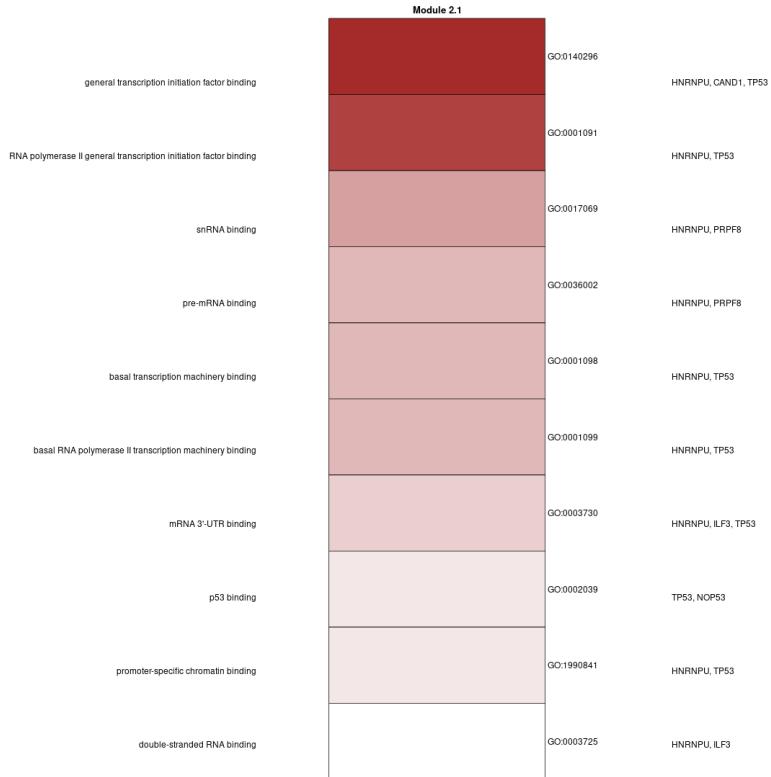
Слика 25: 11.1 модул

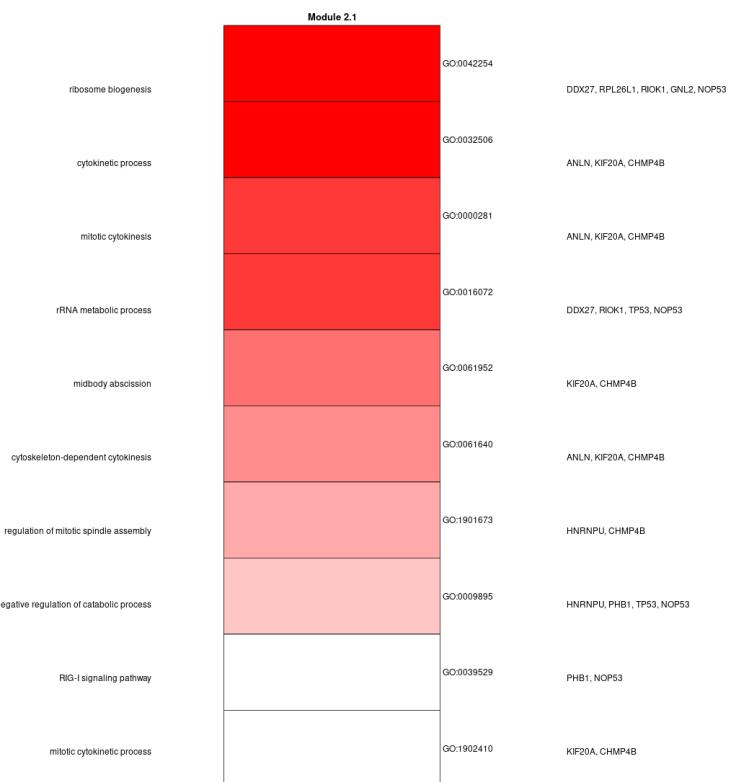


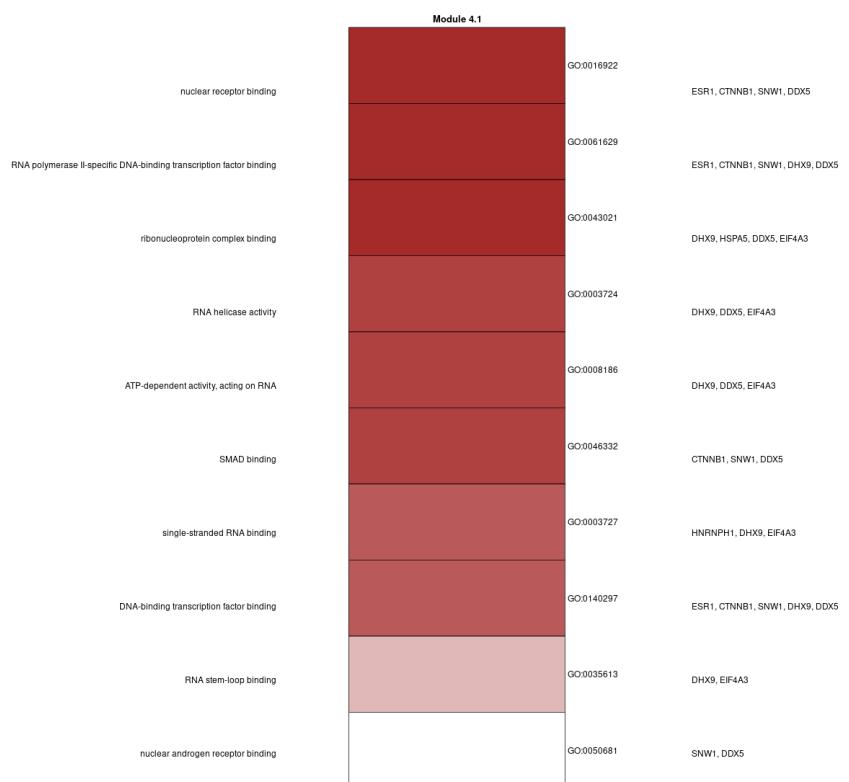
Слика 26: 13.1. модул

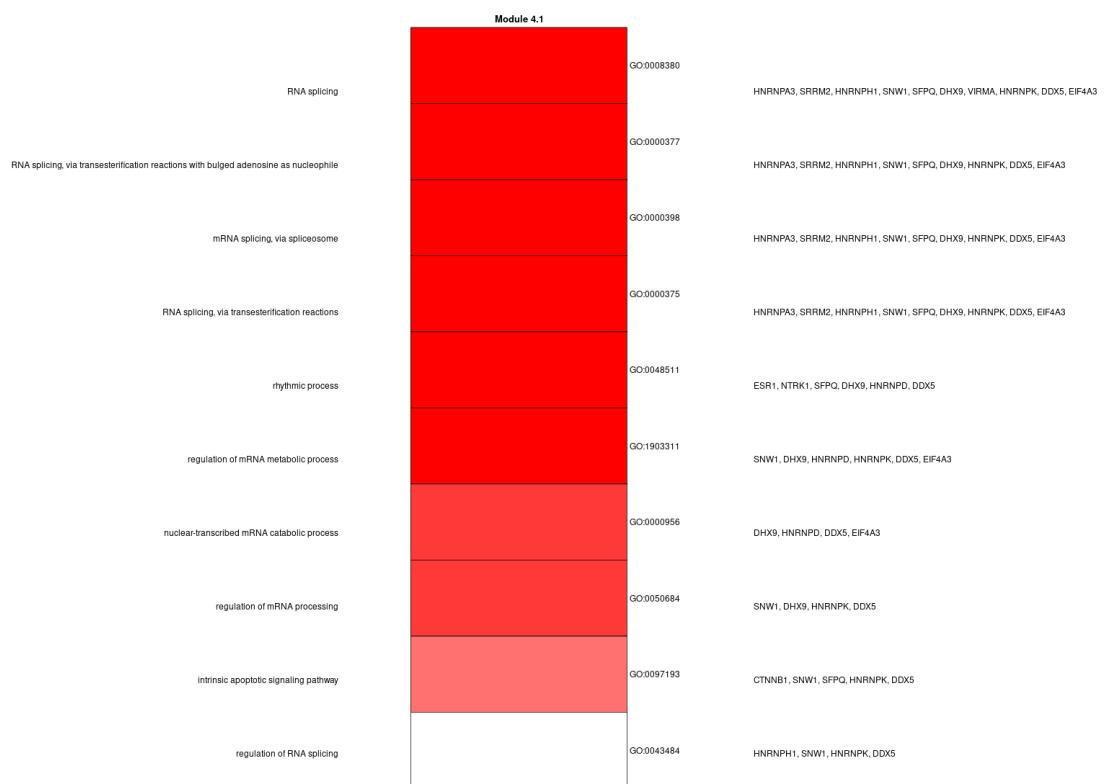
4 Анализа прекомерне репрезентације скупа гена

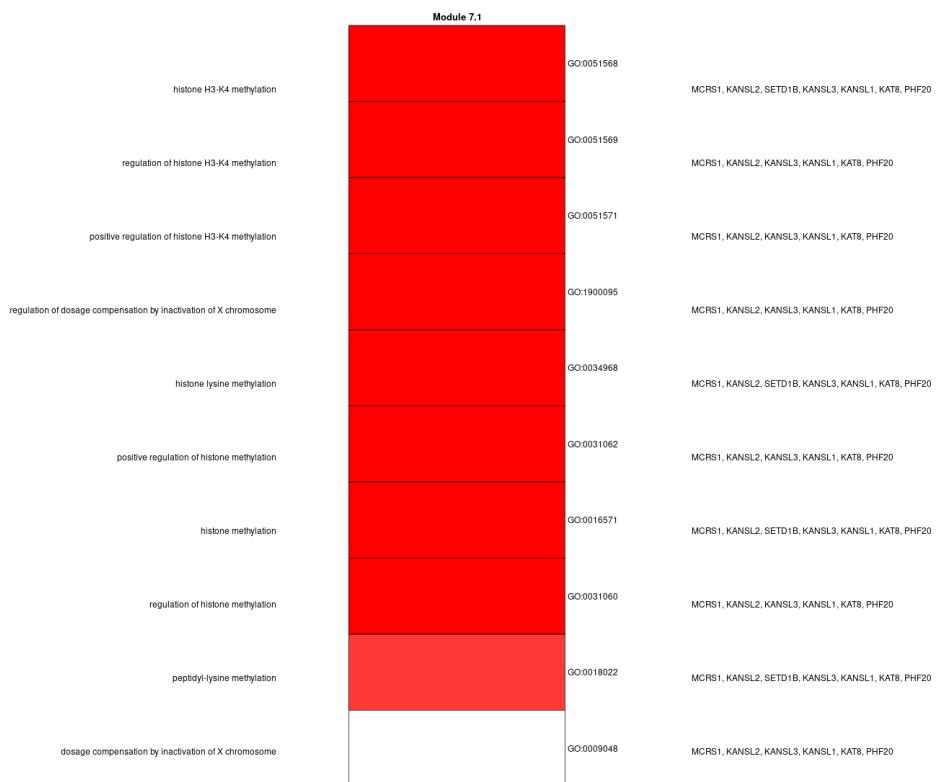
4.1 Анализа обогаћивања

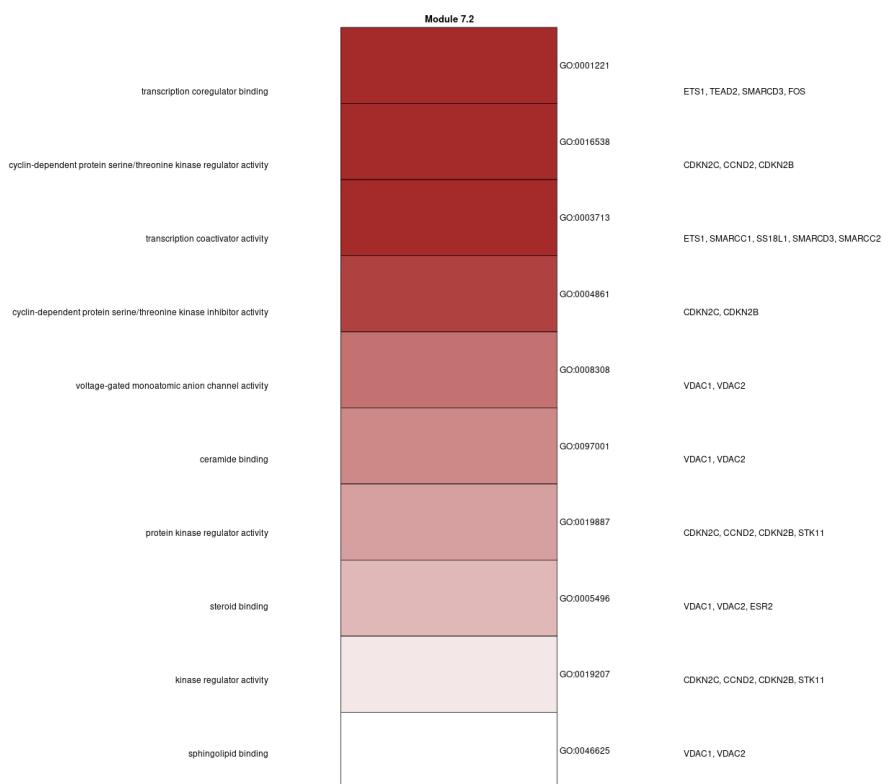




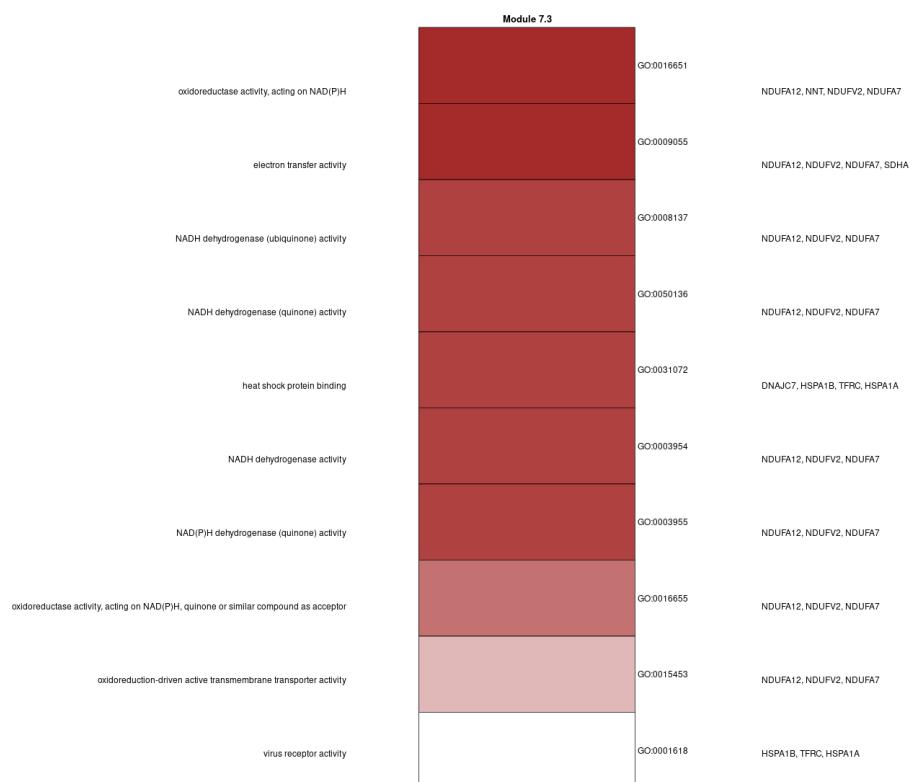


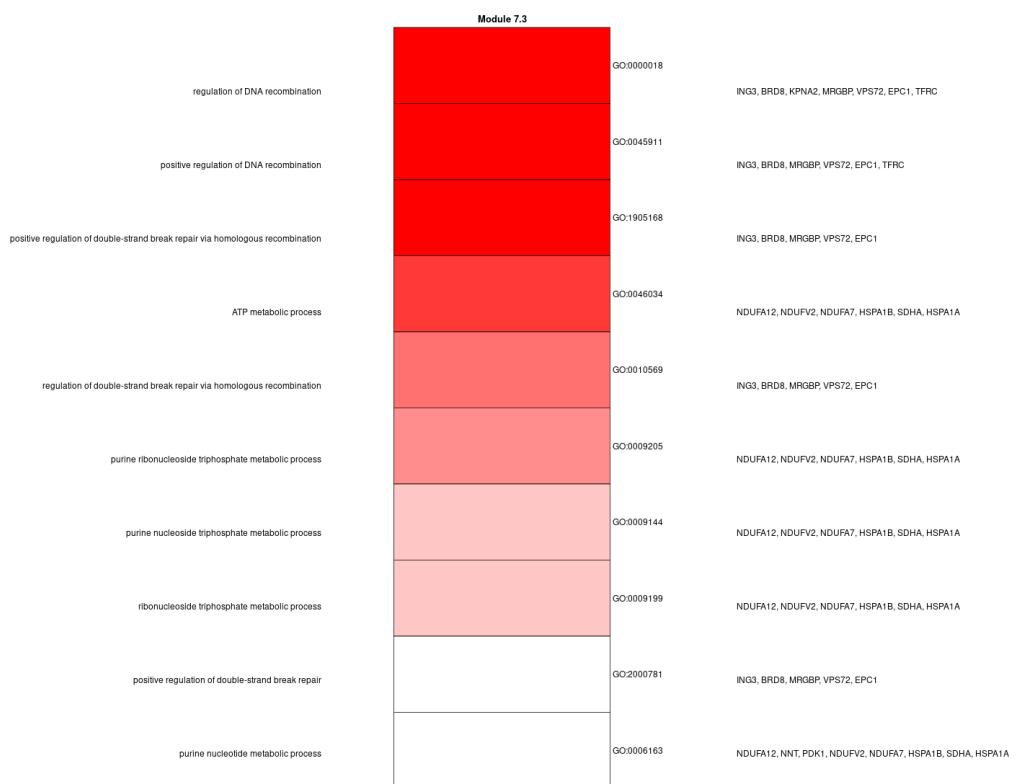


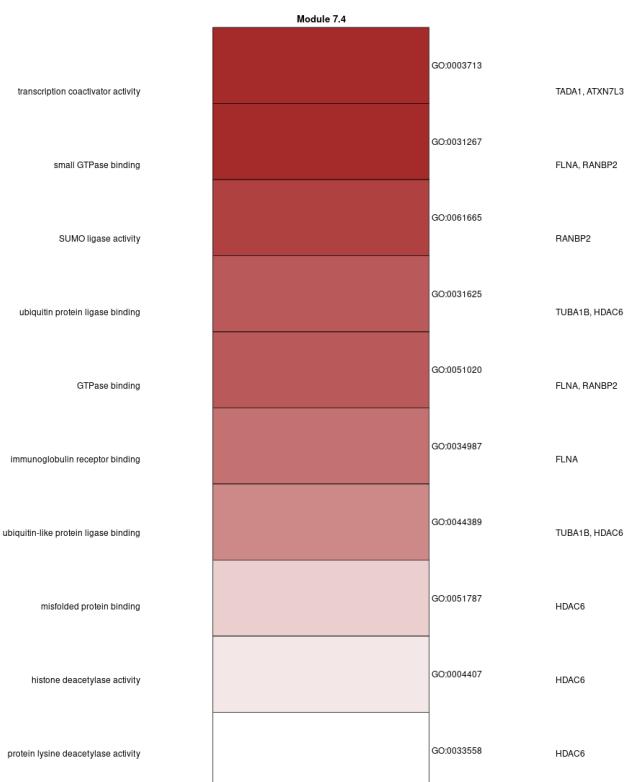


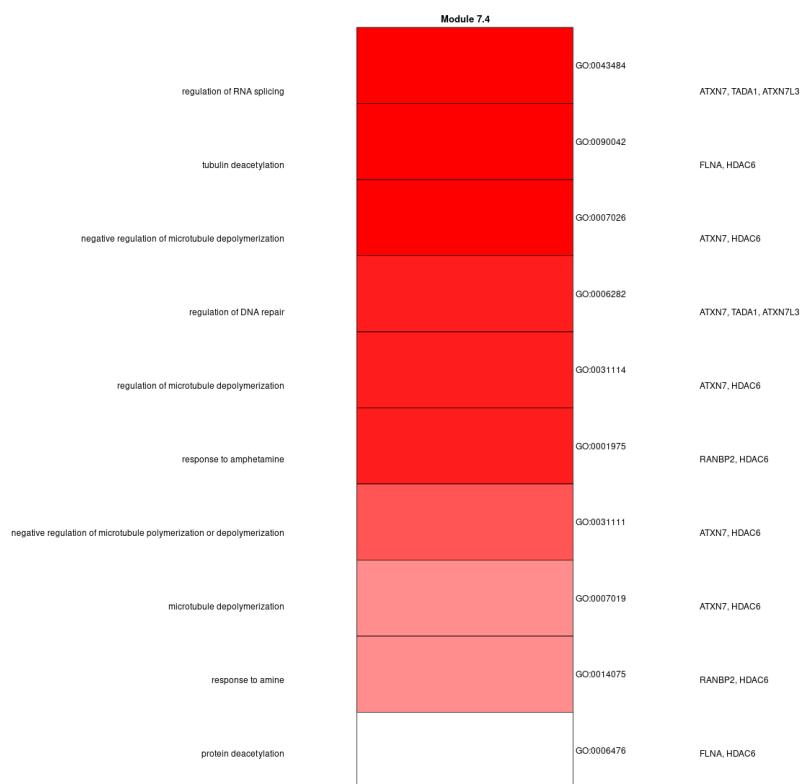


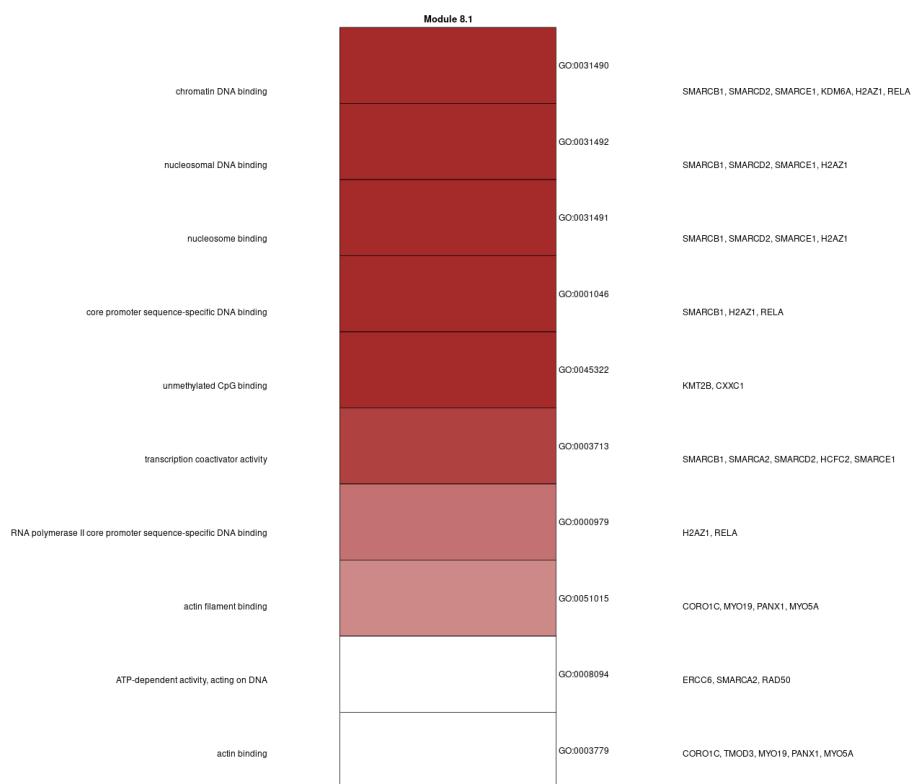
Module 7.2		
G1/S transition of mitotic cell cycle	GO:0000082	CDKN2C, LATS2, SMARCC1, SMARCD3, CDK6, CCND2, ARID2, BCL7A, CDKN2B, SMARCC2
cell cycle G1/S phase transition	GO:0044843	CDKN2C, LATS2, SMARCC1, SMARCD3, CDK6, CCND2, ARID2, BCL7A, CDKN2B, SMARCC2
regulation of G0 to G1 transition	GO:0070316	SMARCC1, SMARCD3, ARID2, BCL7A, CDKN2B, SMARCC2
G0 to G1 transition	GO:0045023	SMARCC1, SMARCD3, ARID2, BCL7A, CDKN2B, SMARCC2
regulation of G1/S transition of mitotic cell cycle	GO:2000045	CDKN2C, SMARCC1, SMARCD3, CCND2, ARID2, BCL7A, CDKN2B, SMARCC2
regulation of nucleotide-excision repair	GO:2000819	SMARCC1, SMARCD3, ARID2, BCL7A, SMARCC2
regulation of cell cycle G1/S phase transition	GO:1902806	CDKN2C, SMARCC1, SMARCD3, CCND2, ARID2, BCL7A, CDKN2B, SMARCC2
mitotic cell cycle phase transition	GO:0044772	CDKN2C, LATS2, SMARCC1, SMARCD3, CDK6, CCND2, ARID2, BCL7A, CDKN2B, SMARCC2
regulation of mitotic cell cycle phase transition	GO:1901990	CDKN2C, SMARCC1, SMARCD3, CDK6, CCND2, ARID2, BCL7A, CDKN2B, SMARCC2
regulation of sister chromatid segregation	GO:0033045	BECN1, SMARCC1, SMARCD3, ARID2, BCL7A, SMARCC2

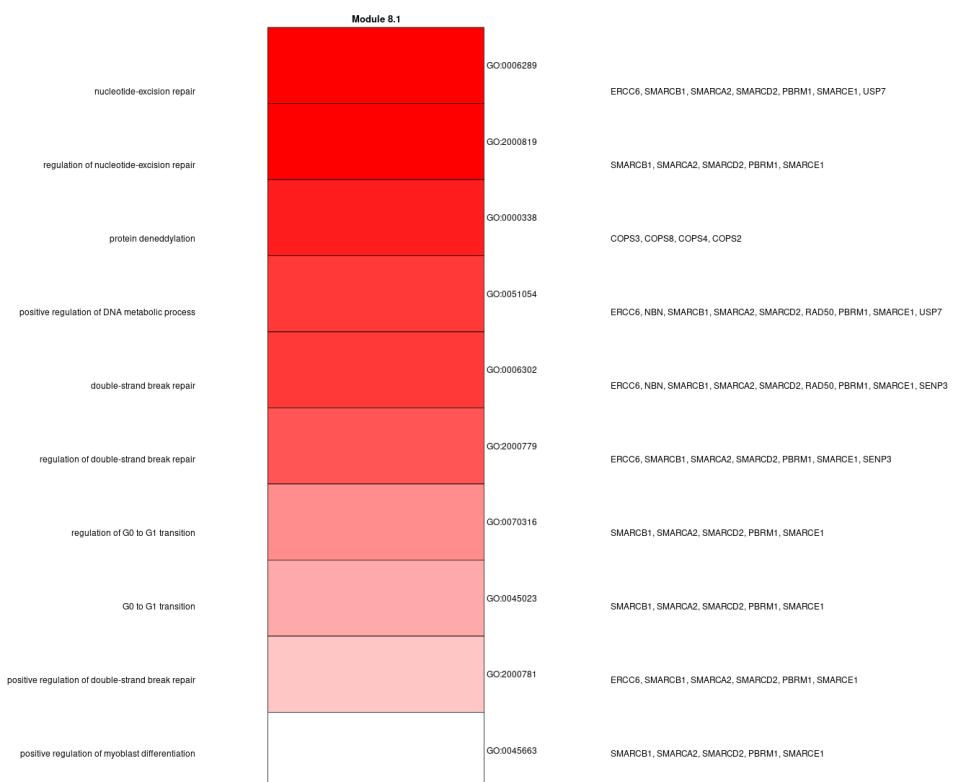


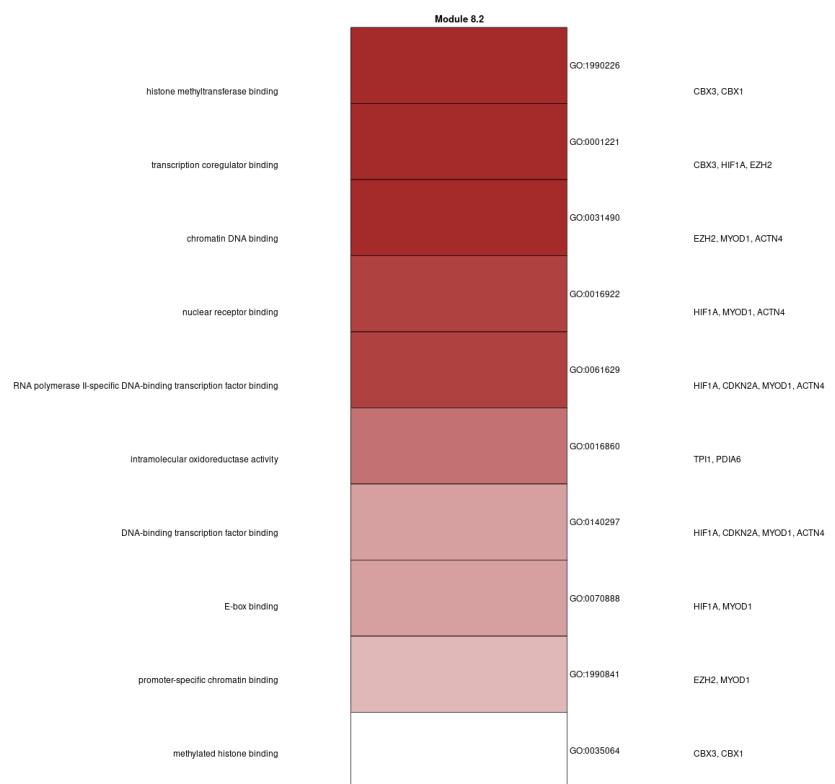


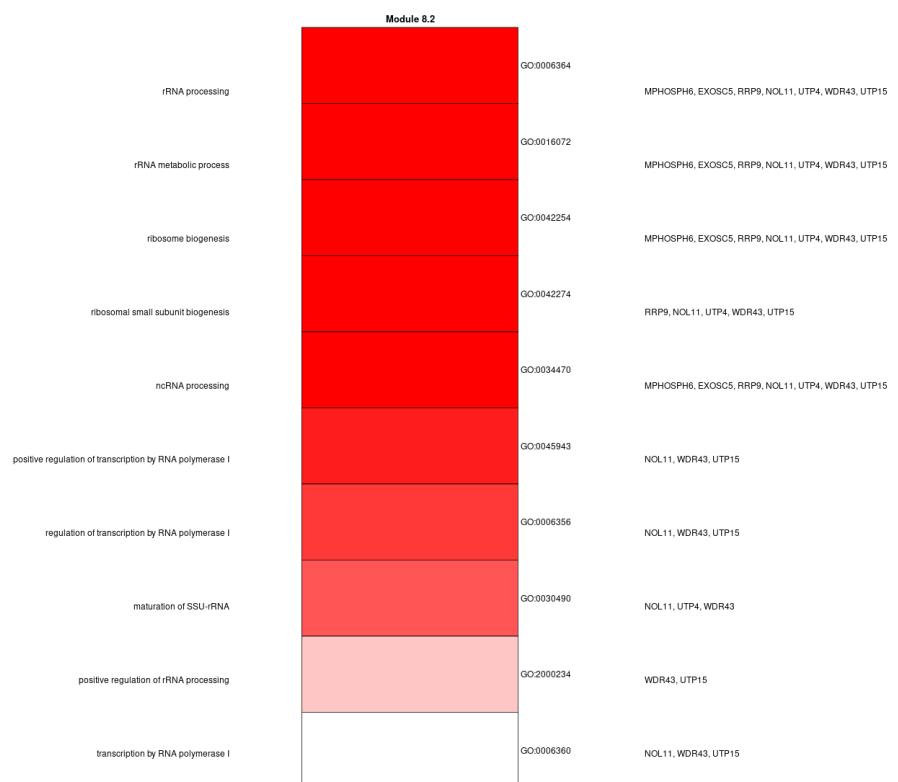


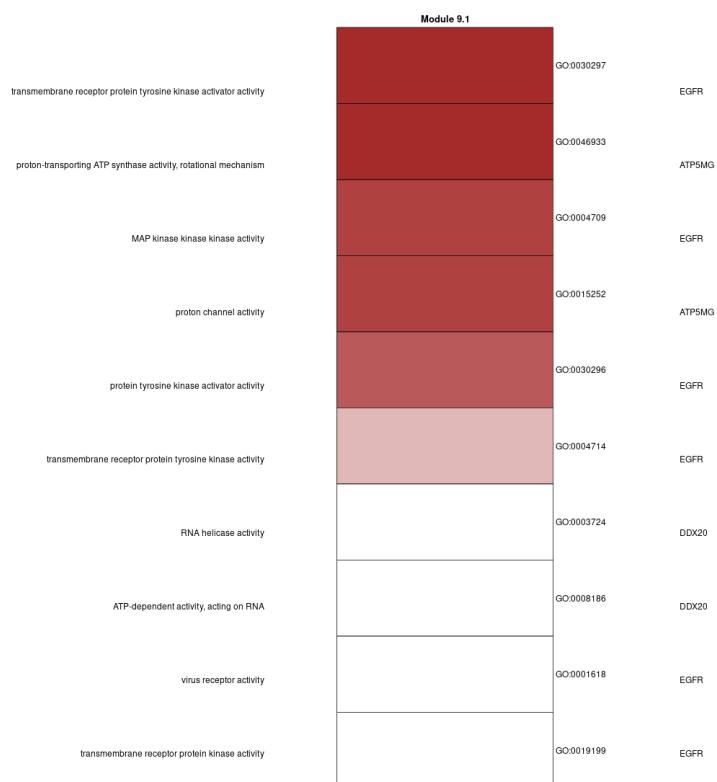


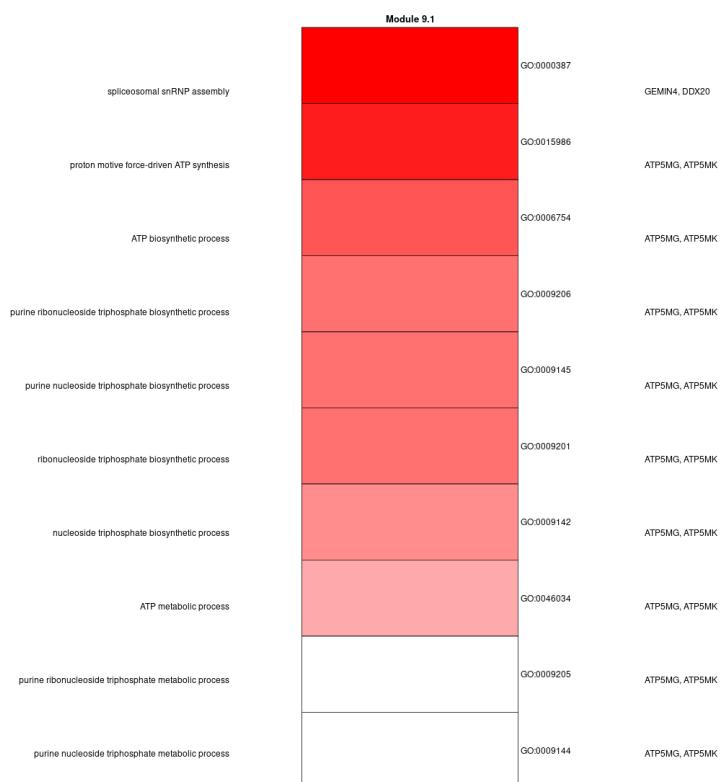


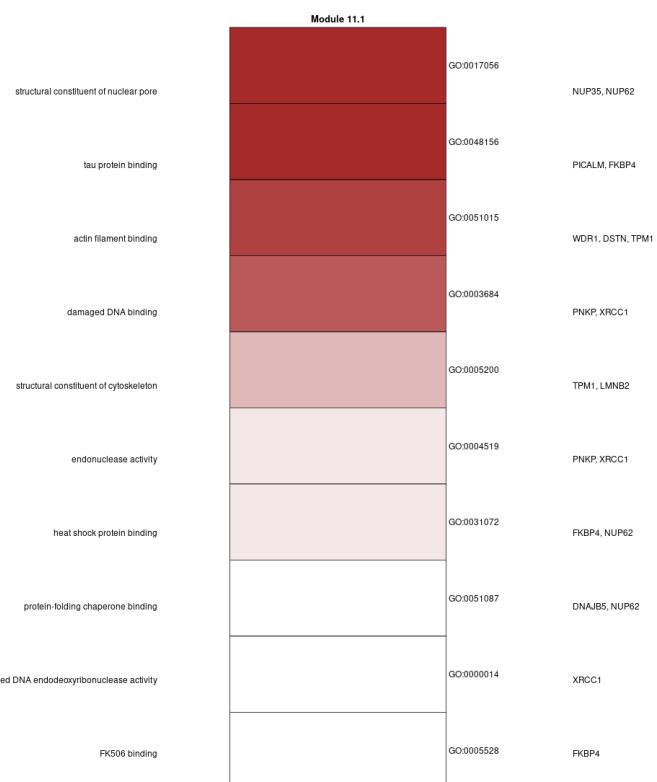


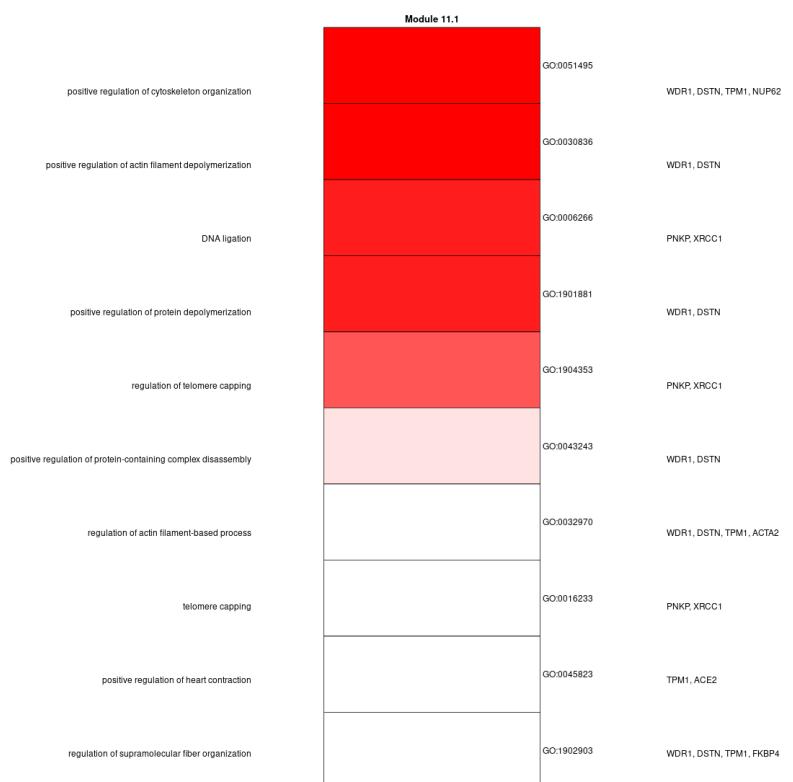


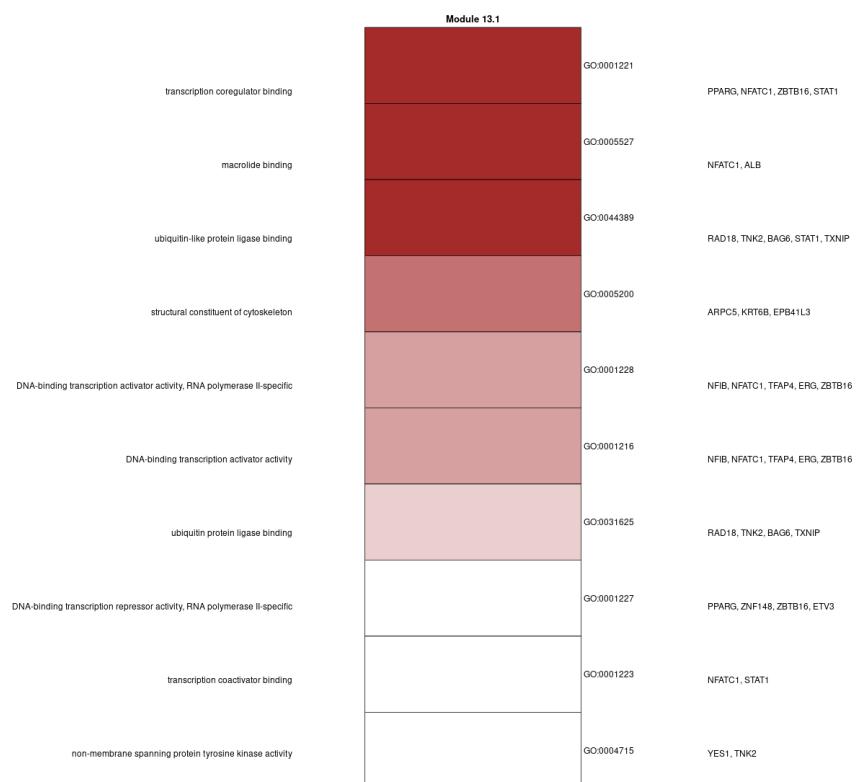


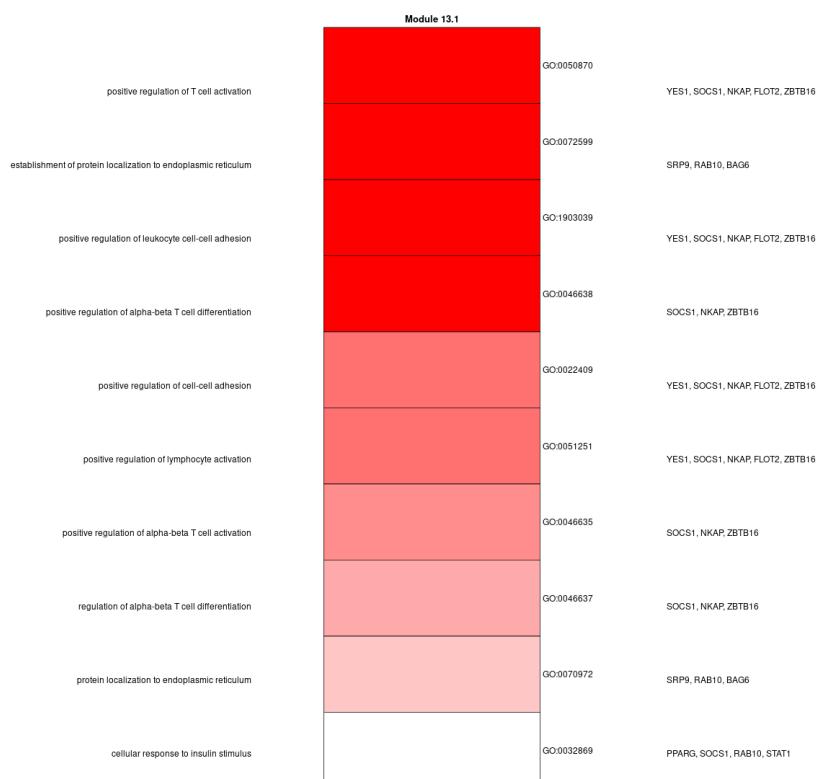






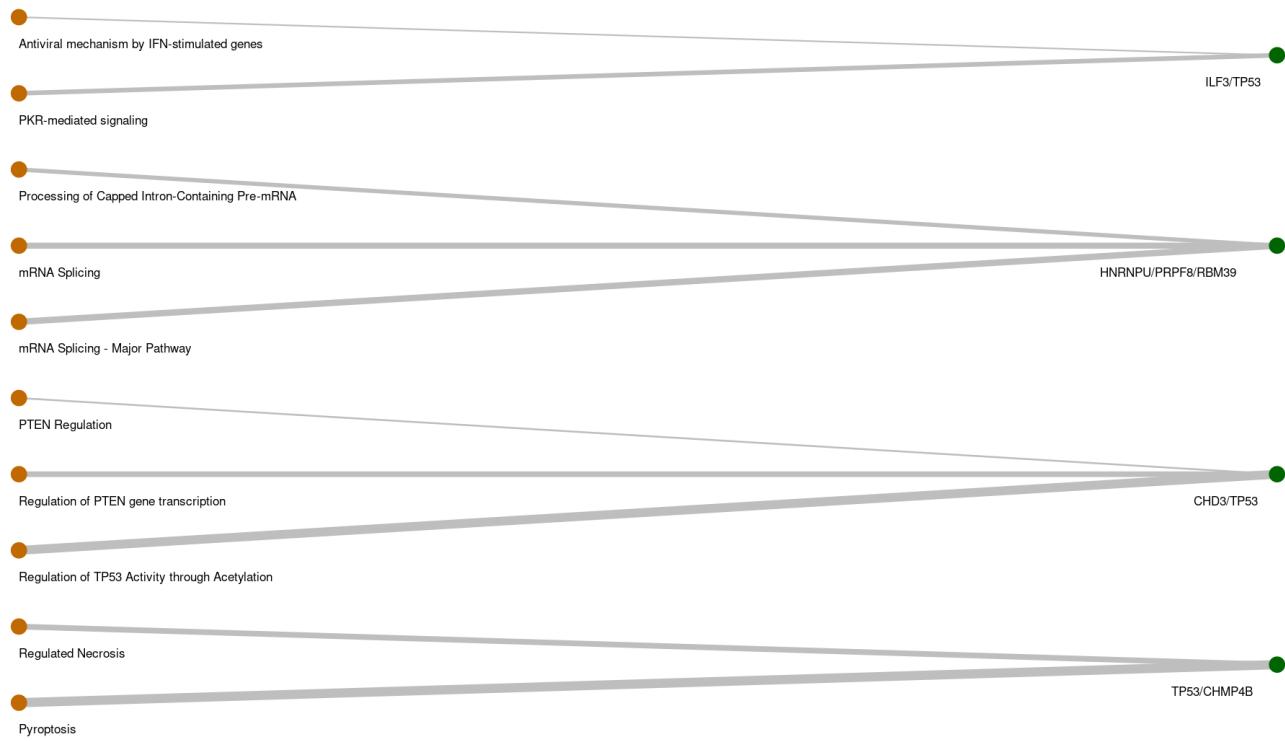




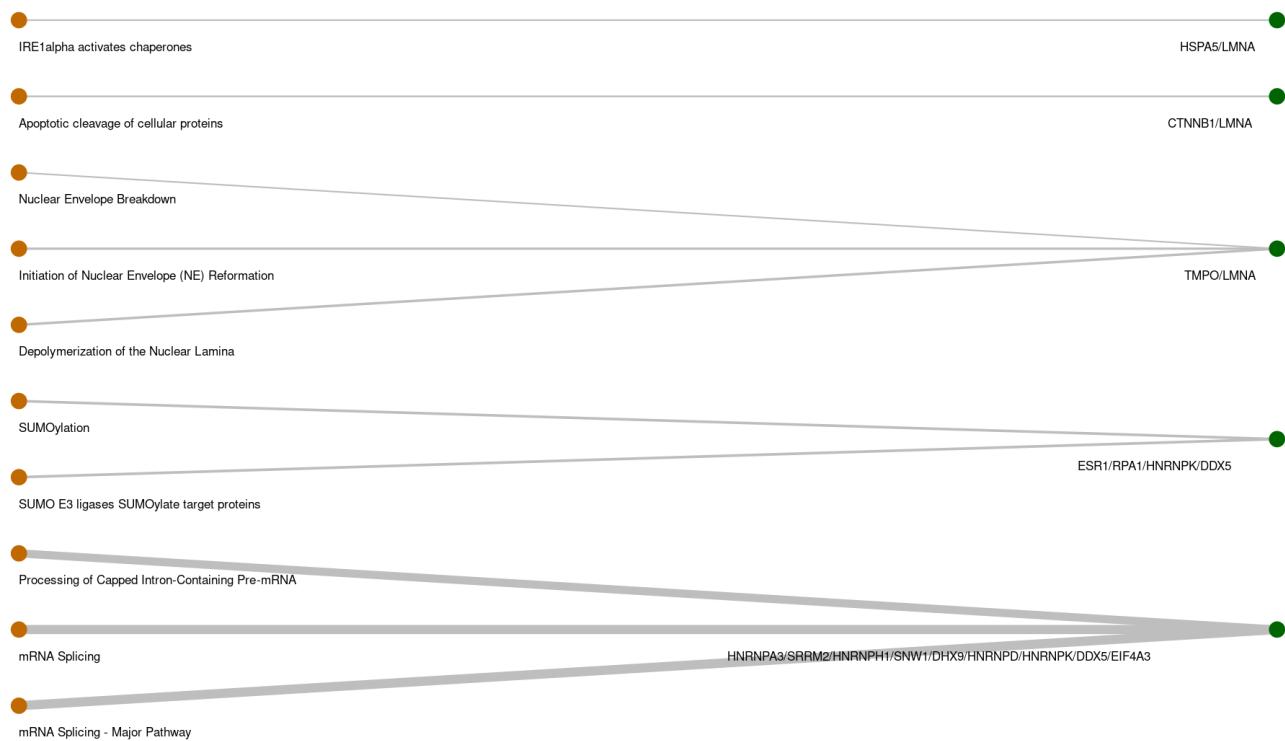


4.2 Анализа обогаћивања путања

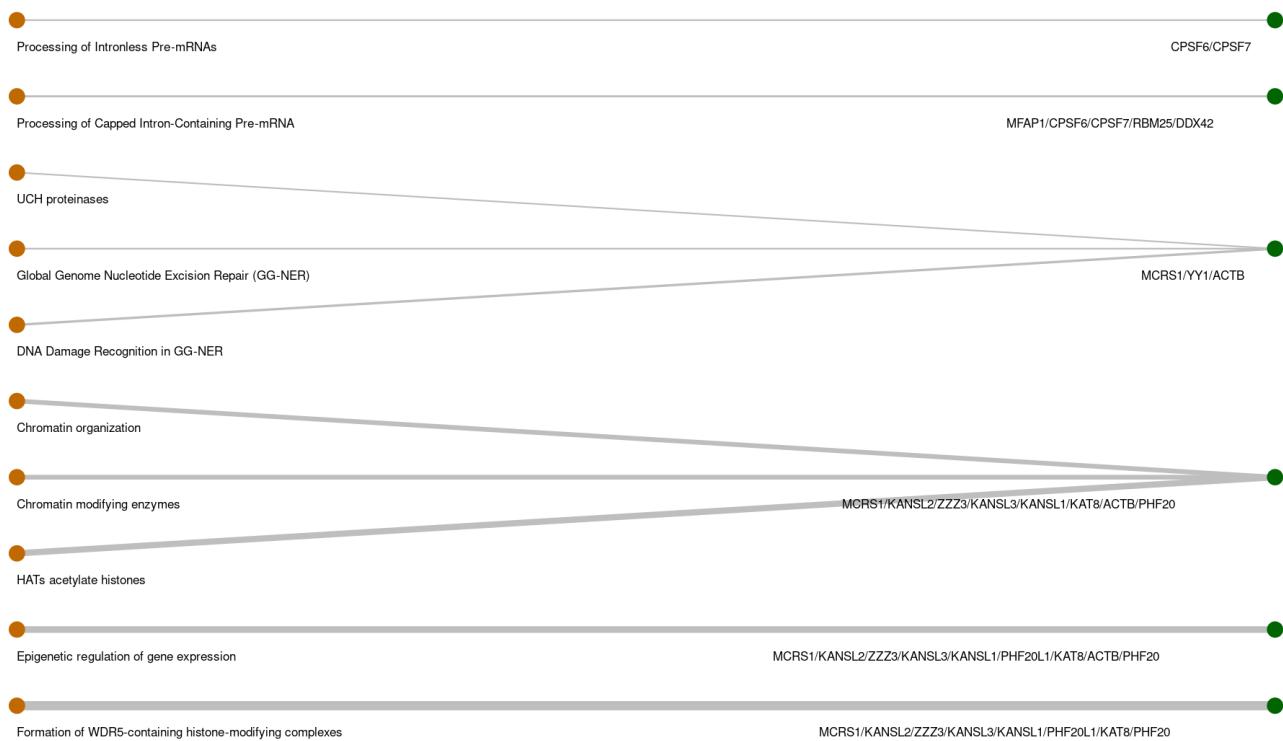
Module 2.1



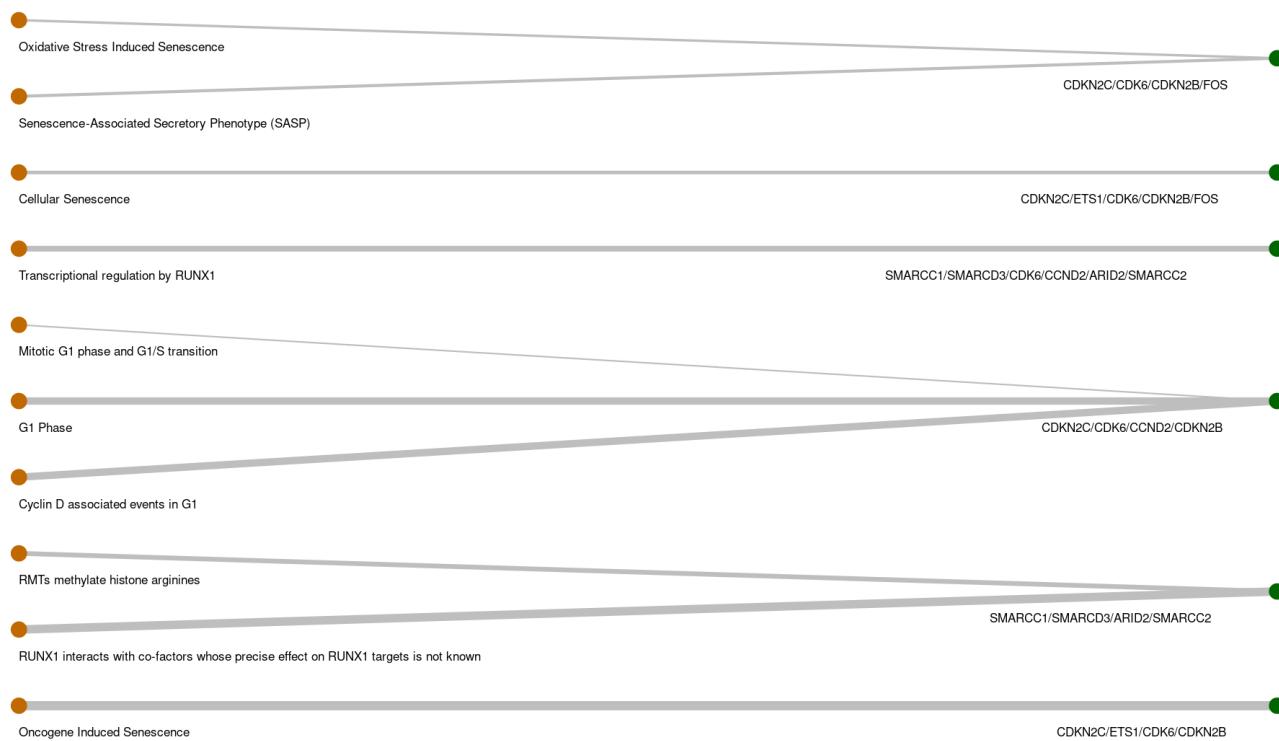
Module 4.1



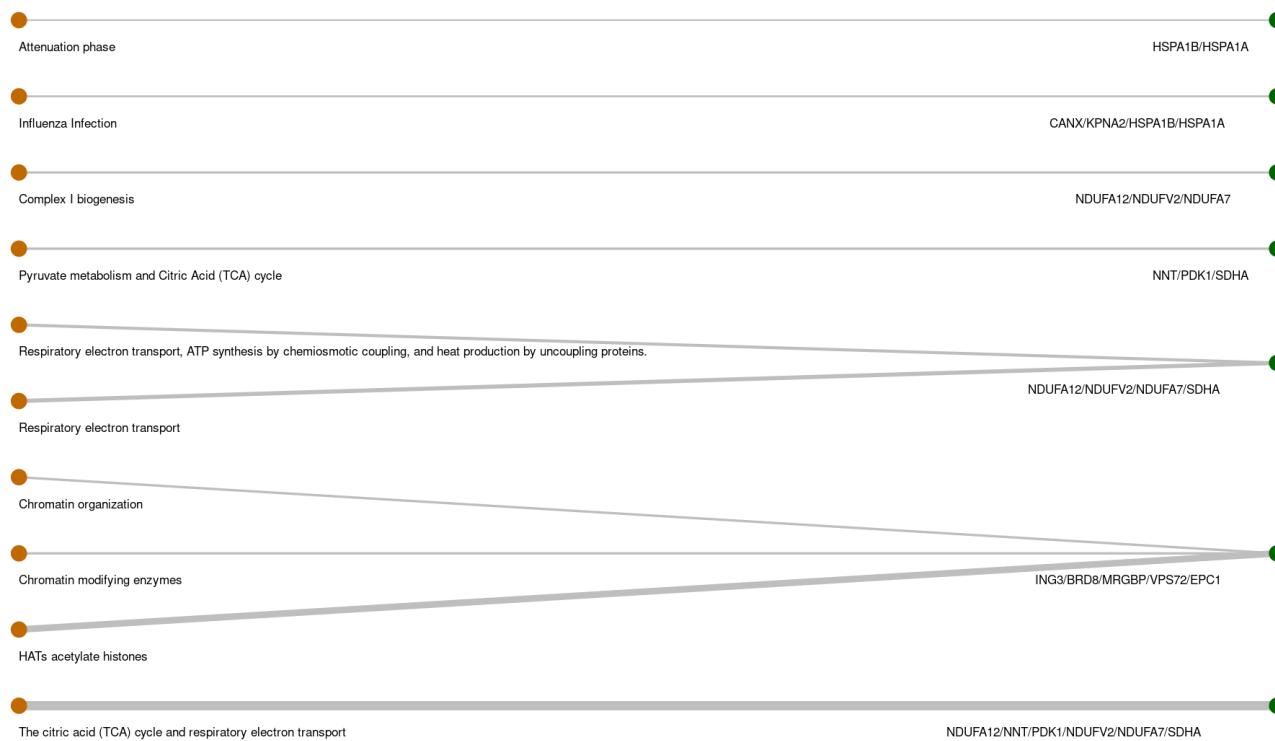
Module 7.1



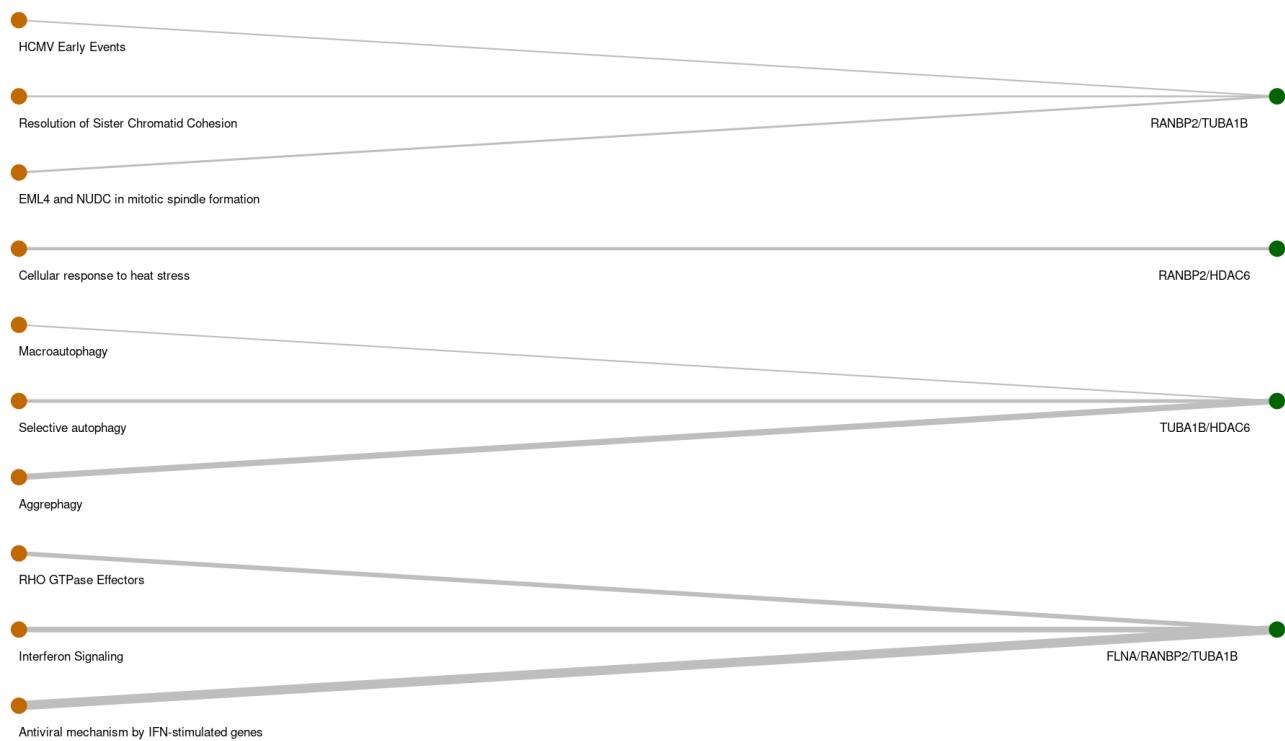
Module 7.2



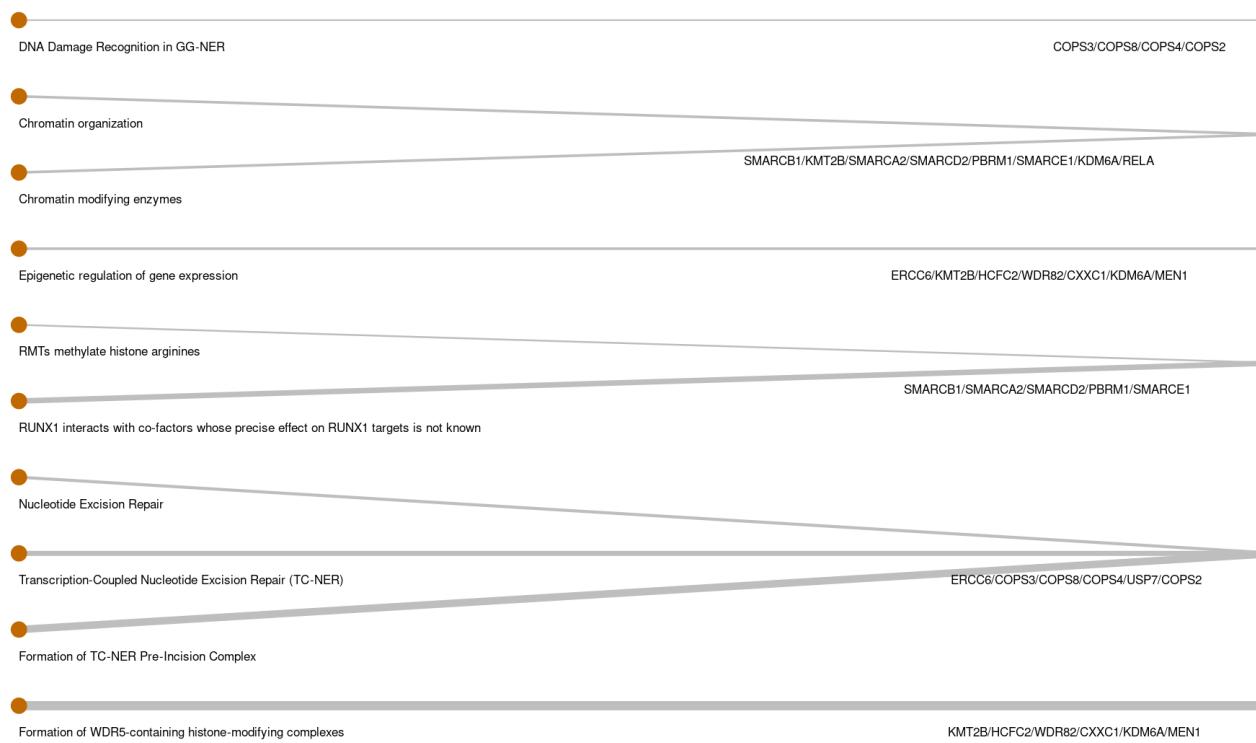
Module 7.3



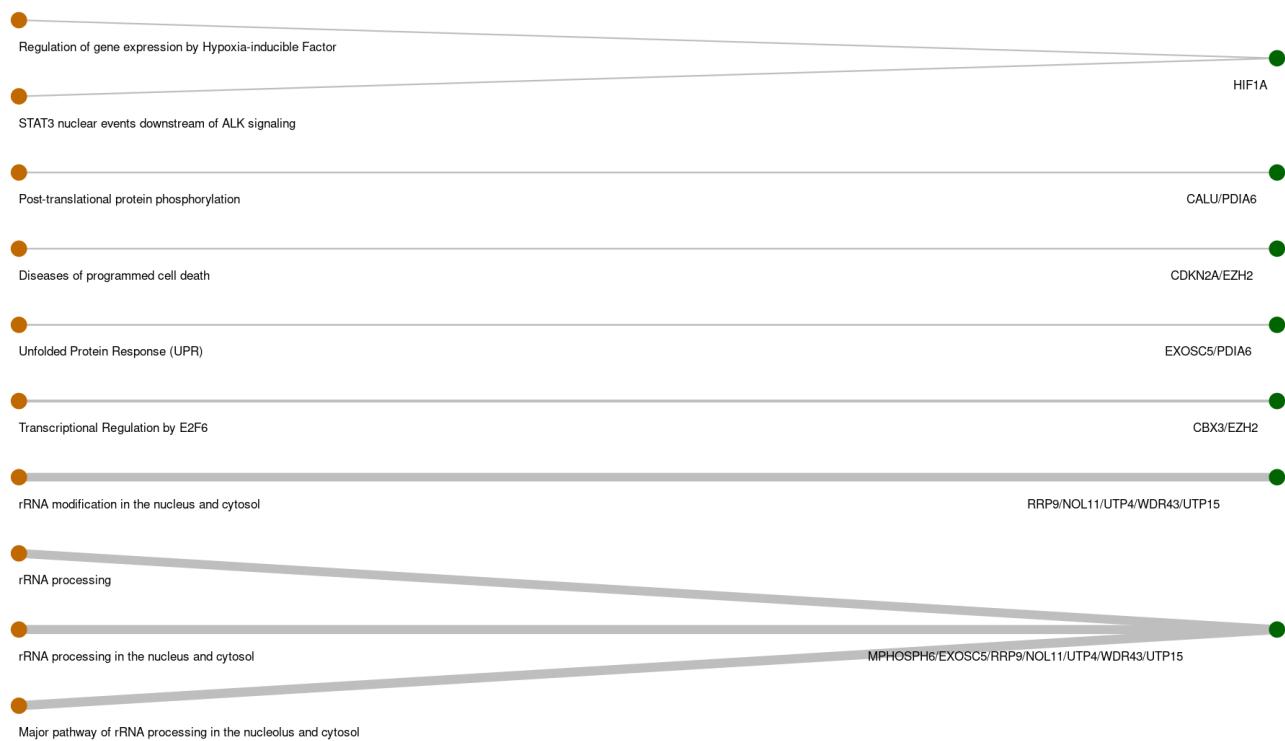
Module 7.4



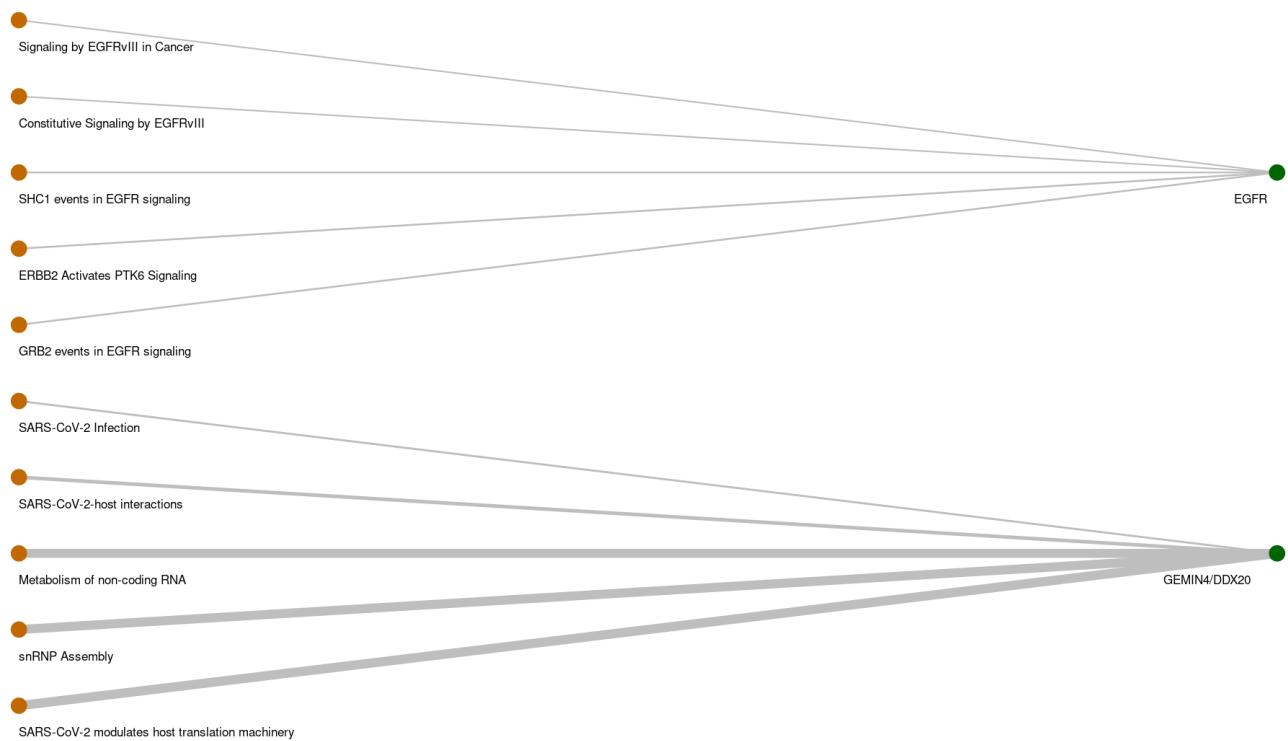
Module 8.1



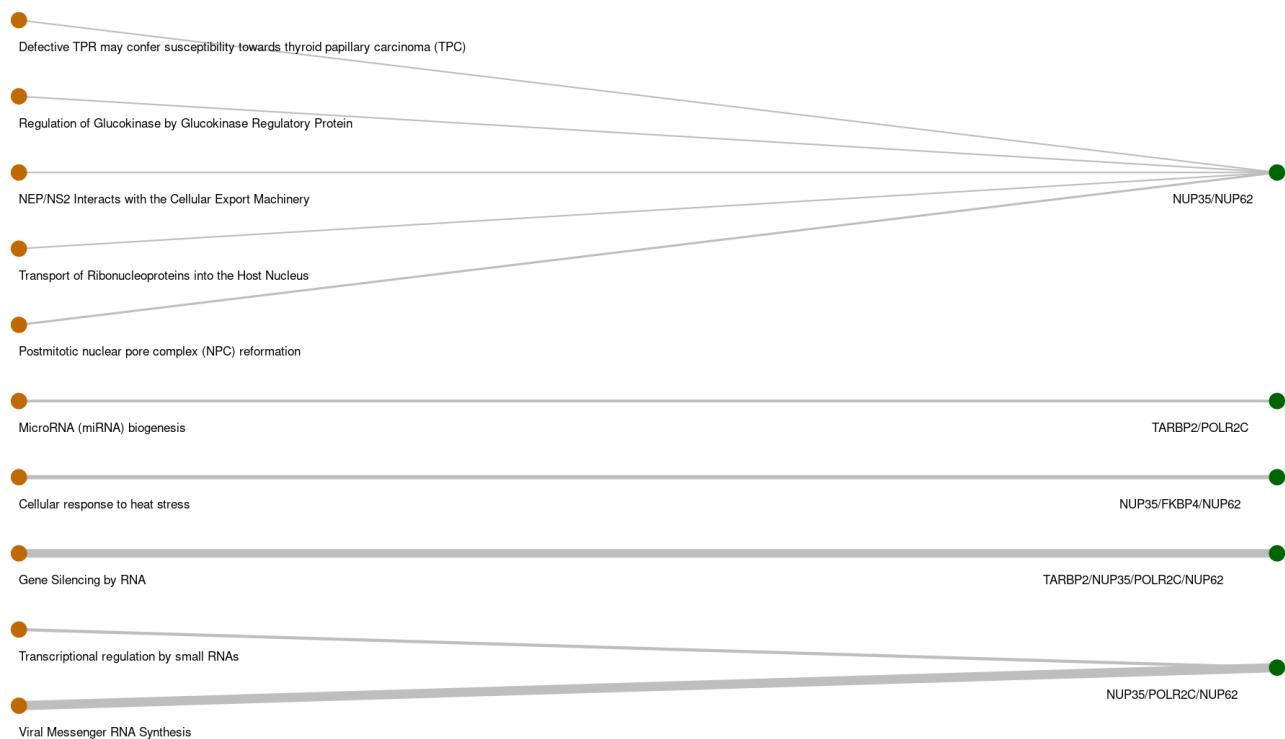
Module 8.2



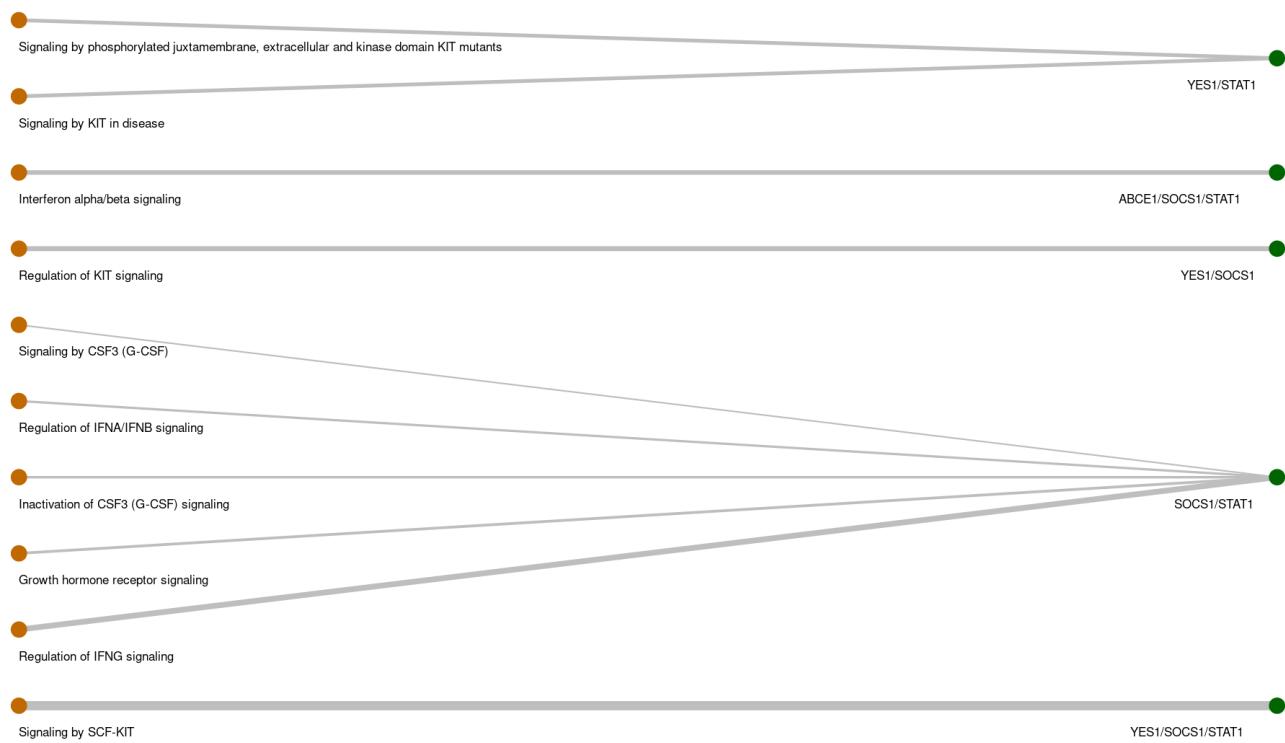
Module 9.1



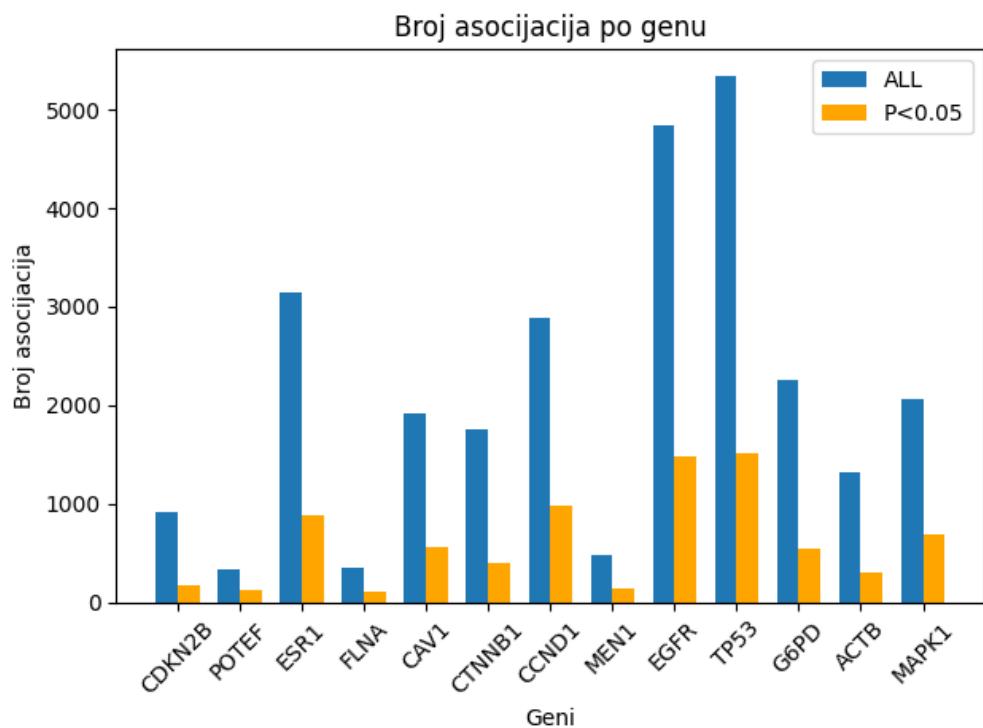
Module 11.1

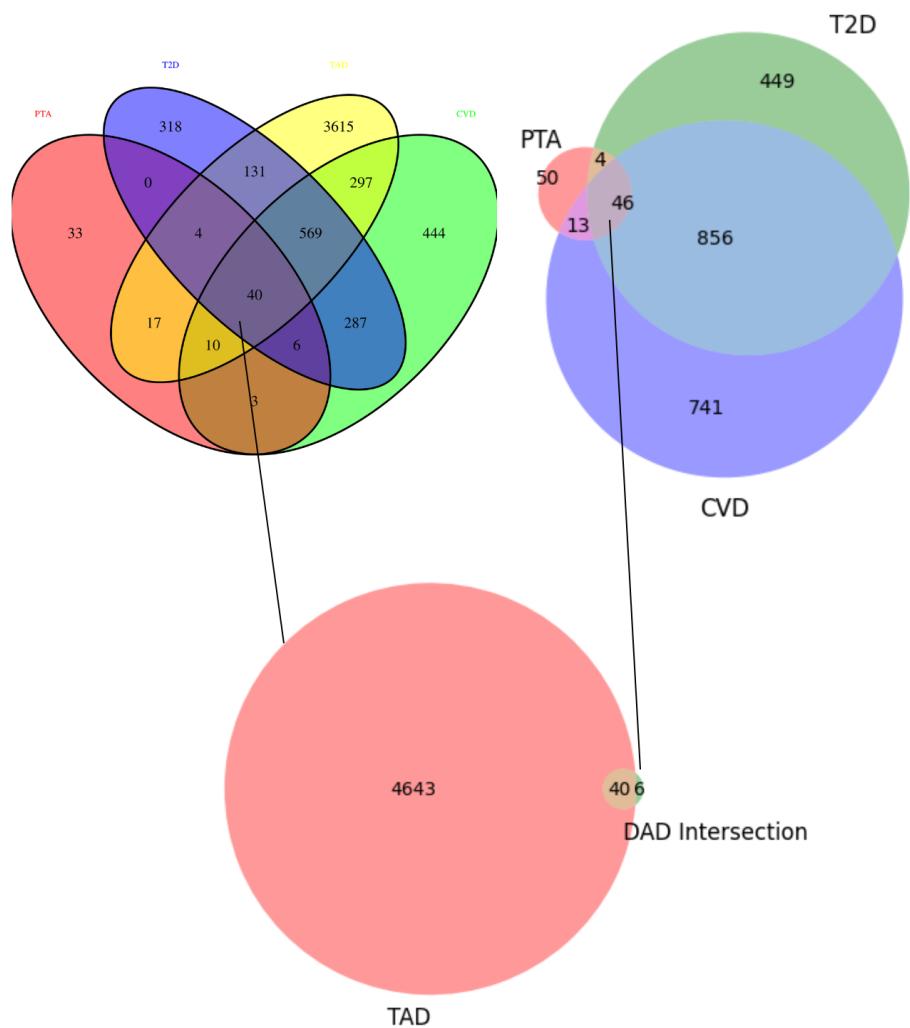


Module 13.1



5 Интеракције између лекова и циљаних протеина





Слика 27: Венеови дијаграми лекова

