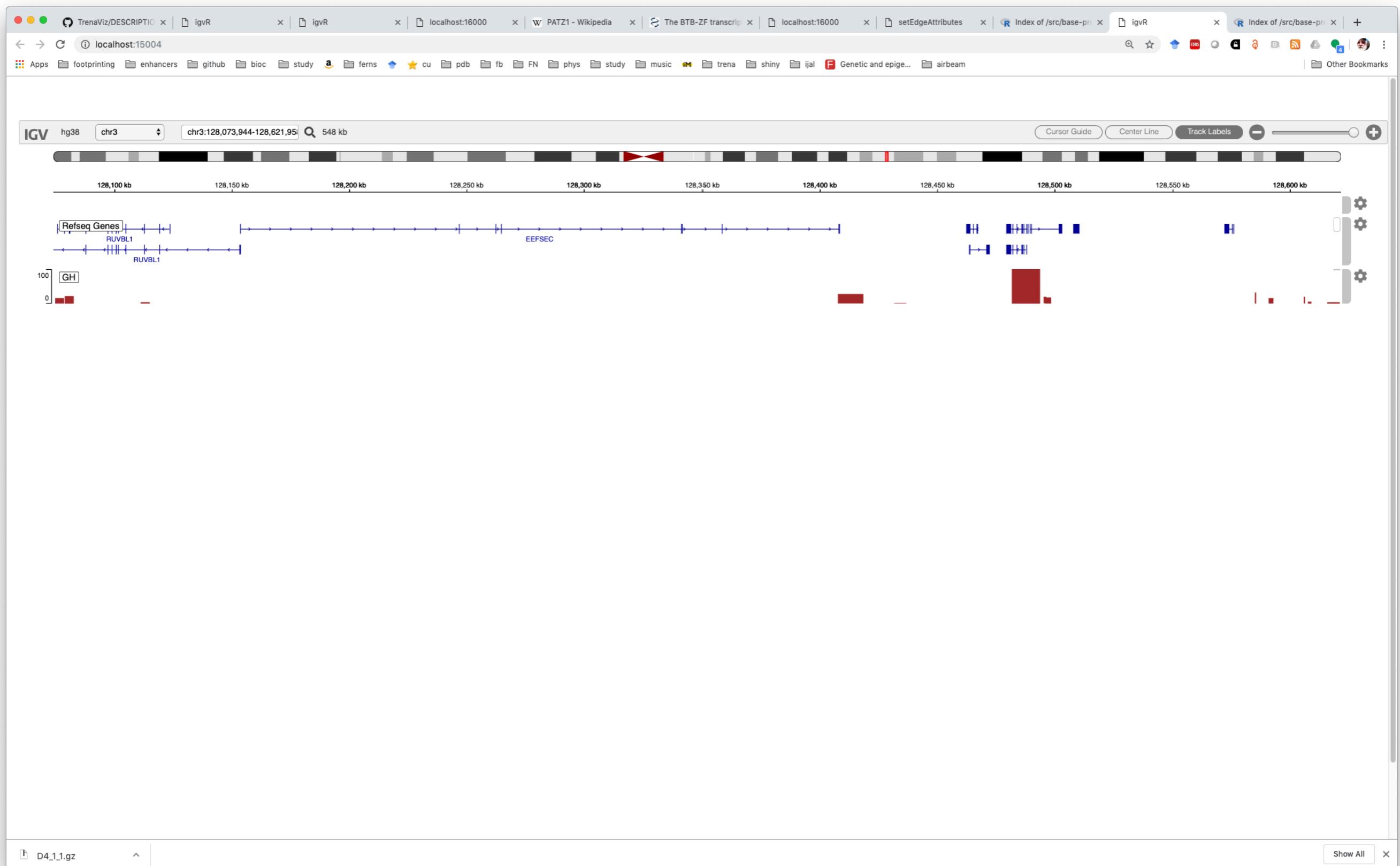


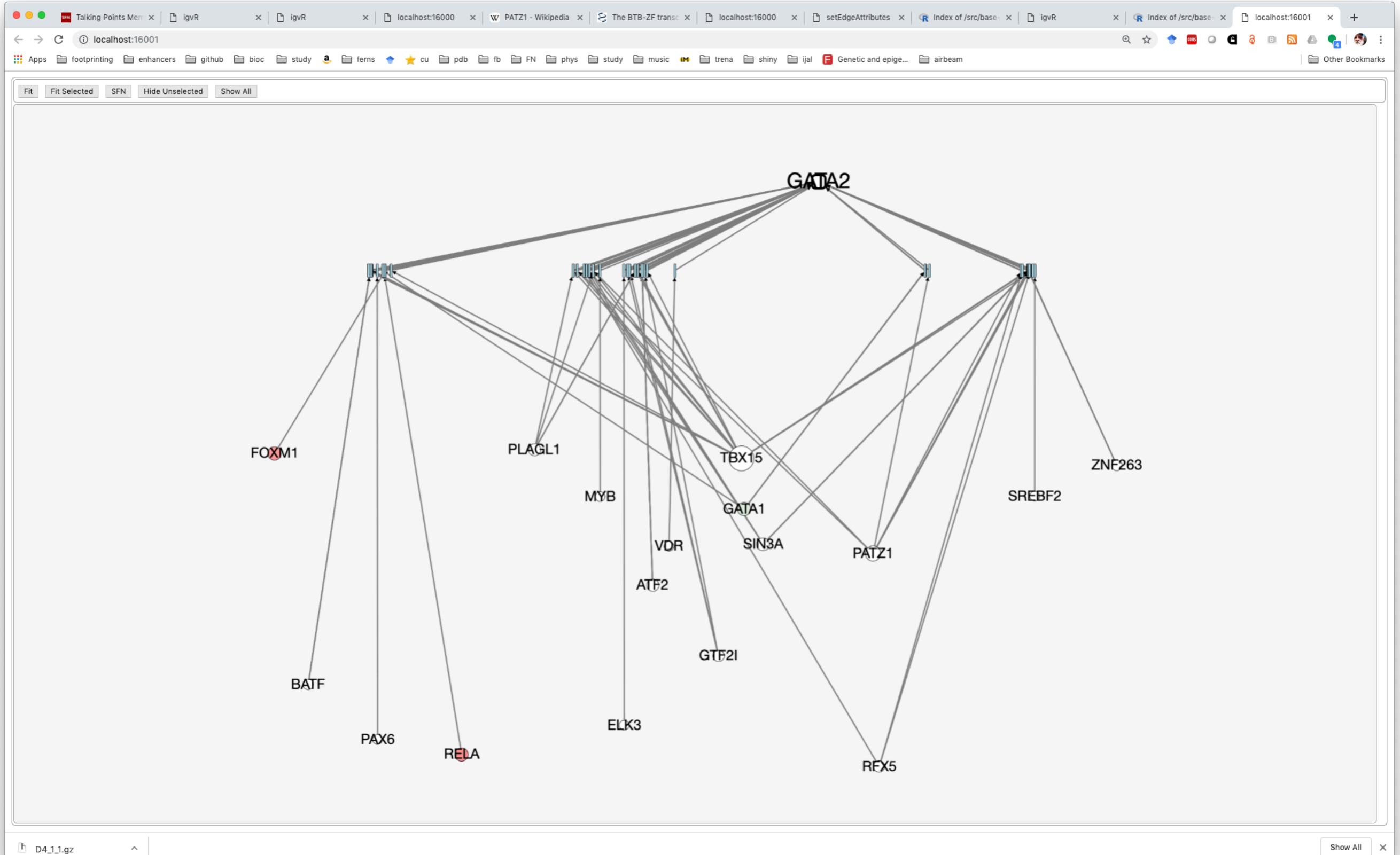
ATAC-seq, RNA-seq and trena to elucidate GATA2 regulation in erythropoiesis

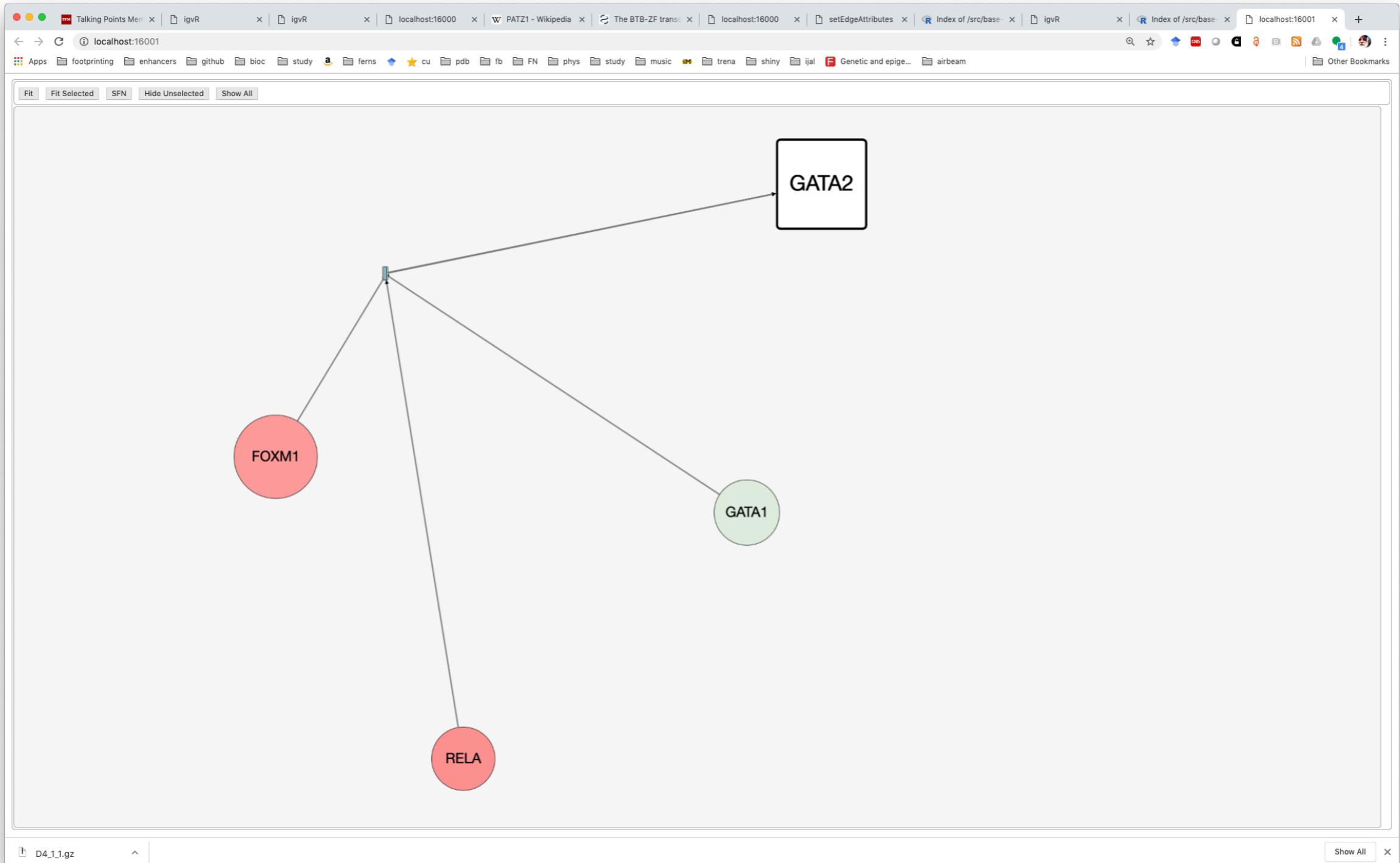




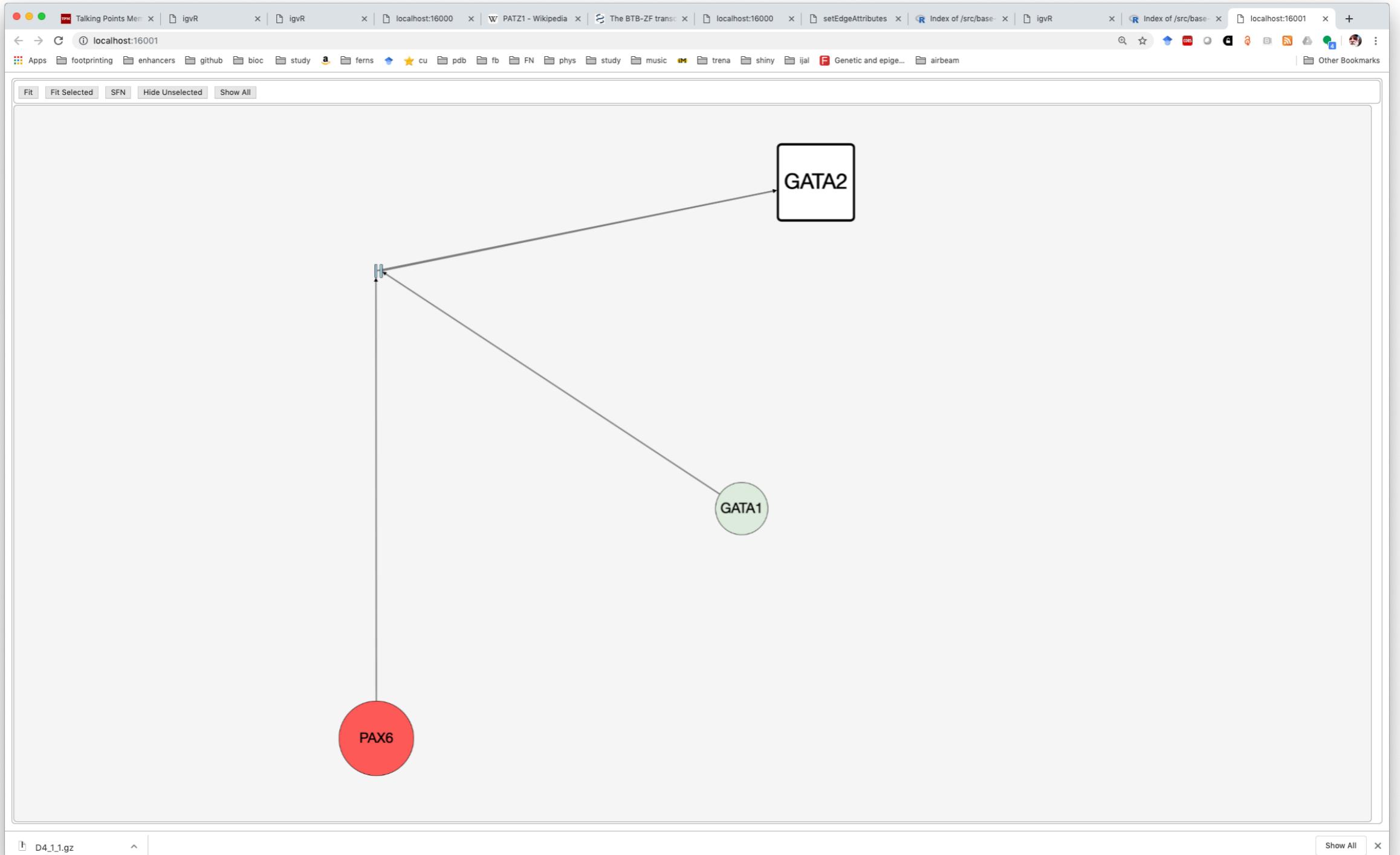








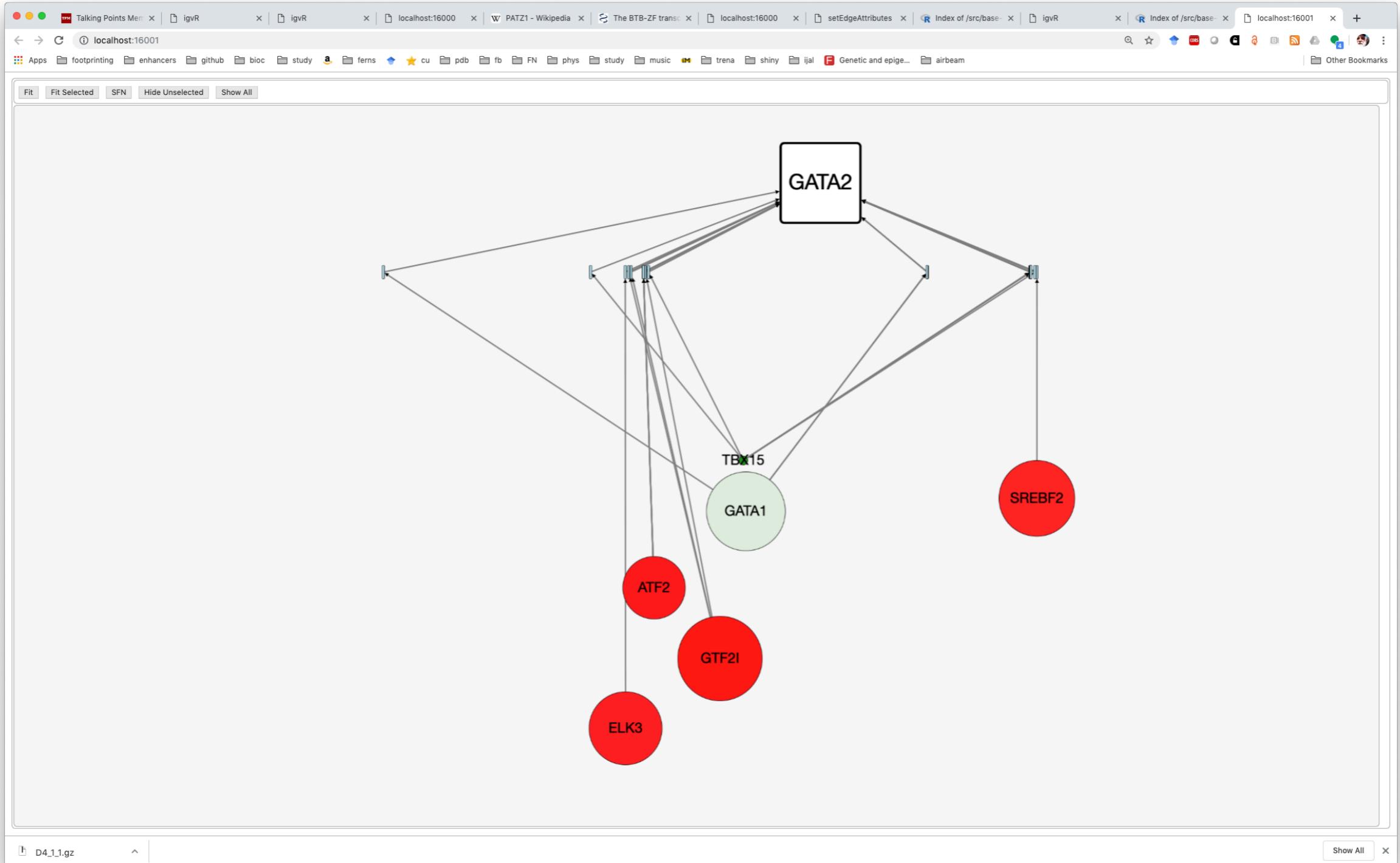
tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
FOXM1	0.7391462	0.01481136	0.3899403	7.576127	0.3850084	0.6288998	d04_rep1
RELA	0.8581484	0.01370444	0.4224163	10.550857	0.4775182	0.2692939	d04_rep1
GATA1	0.0000000	0.71330315	-0.1309038	5.403544	-0.0916623	-0.1904762	d04_rep1



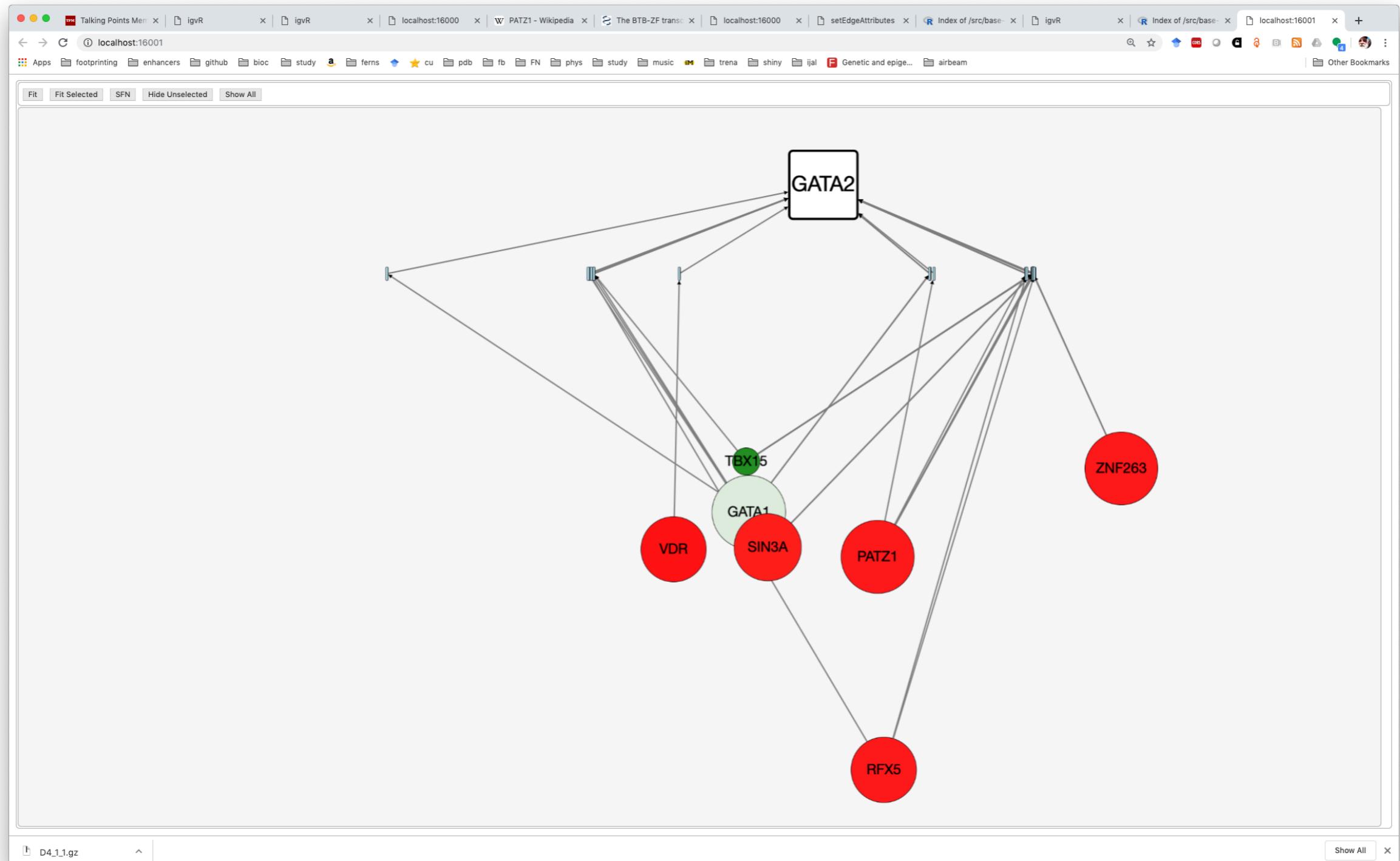
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tf betaLasso lassoPValue pearsonCoeff rfScore betaRidge spearmanCoeff sample
PAX6 1.225138 0.0001909755 0.6482900 13.498780 0.74018166 0.6725979 d04_rep2
GATA1 0.000000 0.8472028154 -0.1309038 6.690079 -0.05232531 -0.1904762 d04_rep2

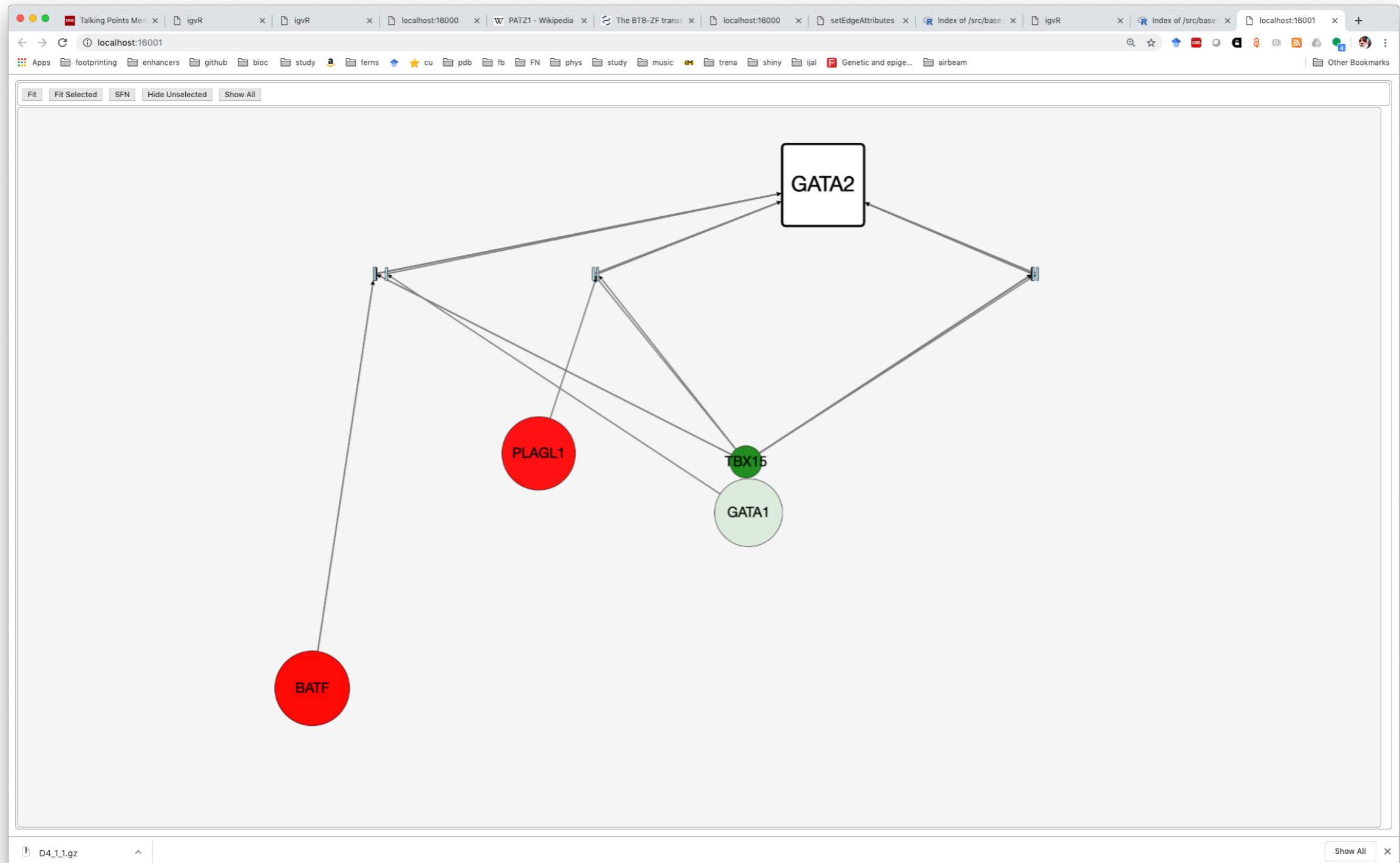
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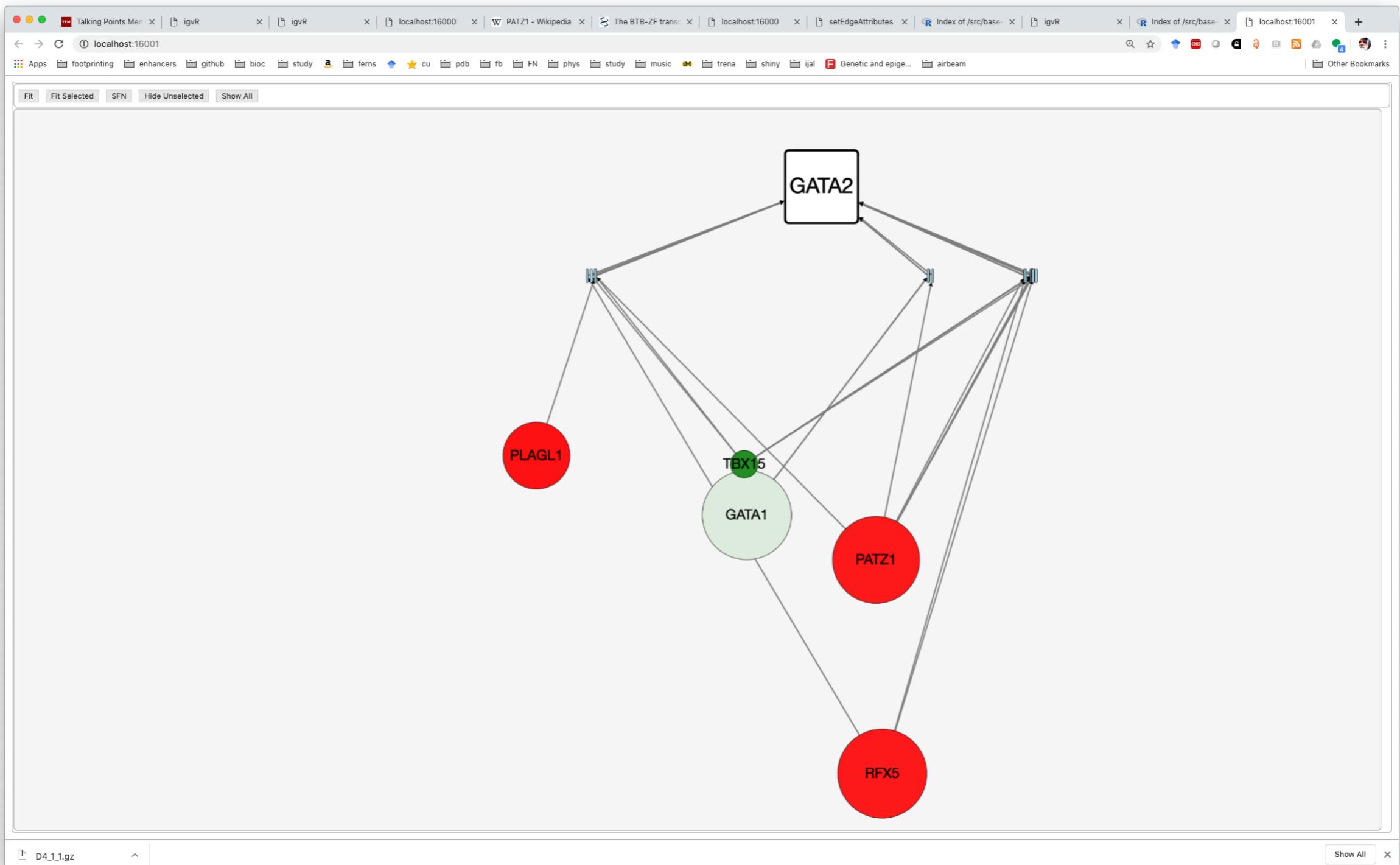
tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
ATF2	0.53783059	1.687186e-10	0.8957882	1.87556646	0.10741979	0.8500274	d08_rep1
GTF2I	0.25115097	4.315737e-11	0.9040150	0.65889572	0.04838884	0.8155446	d08_rep1
ELK3	0.21127086	4.192650e-09	0.8719004	1.83397731	0.03500398	0.7744937	d08_rep1
SREBF2	0.02864121	6.221827e-06	0.8630836	1.00348790	0.05766598	0.7432950	d08_rep1
TBX15	-0.08264719	5.595397e-09	-0.8722489	0.79649940	-0.01602111	-0.7068894	d08_rep1
GATA1	0.00000000	1.000000e+00	-0.1309038	0.01006051	-0.02922623	-0.1904762	d08_rep1



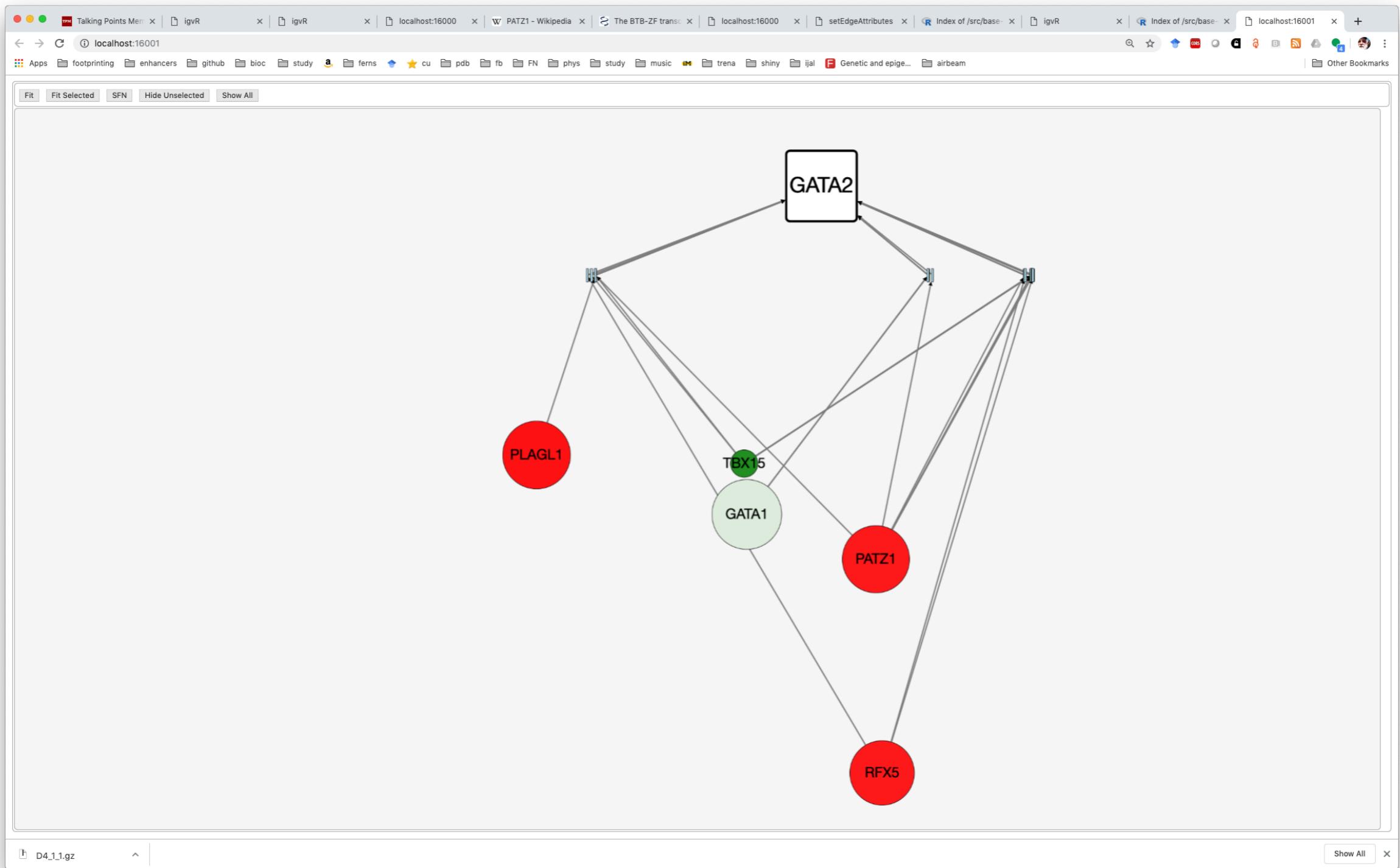
tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
VDR	0.24125437	1.242941e-11	0.9131338	3.28700530	0.03029790	0.8330597	d10_rep1
PATZ1	0.11890991	1.903135e-07	0.8957847	1.09183638	0.04250183	0.8056924	d10_rep1
SIN3A	0.05205079	4.162004e-06	0.8768002	3.13827264	0.05921563	0.7744937	d10_rep1
RFX5	0.16037100	3.222696e-09	0.8870238	3.16470181	0.06535630	0.7739464	d10_rep1
TBX15	-0.06975682	6.082961e-09	-0.8722489	1.26366567	-0.01904815	-0.7068894	d10_rep1
ZNF263	0.14053411	1.194271e-10	0.9003067	2.80570094	0.06133757	0.6360153	d10_rep1
GATA1	0.00000000	1.000000e+00	-0.1309038	0.01054862	-0.03808499	-0.1904762	d10_rep1



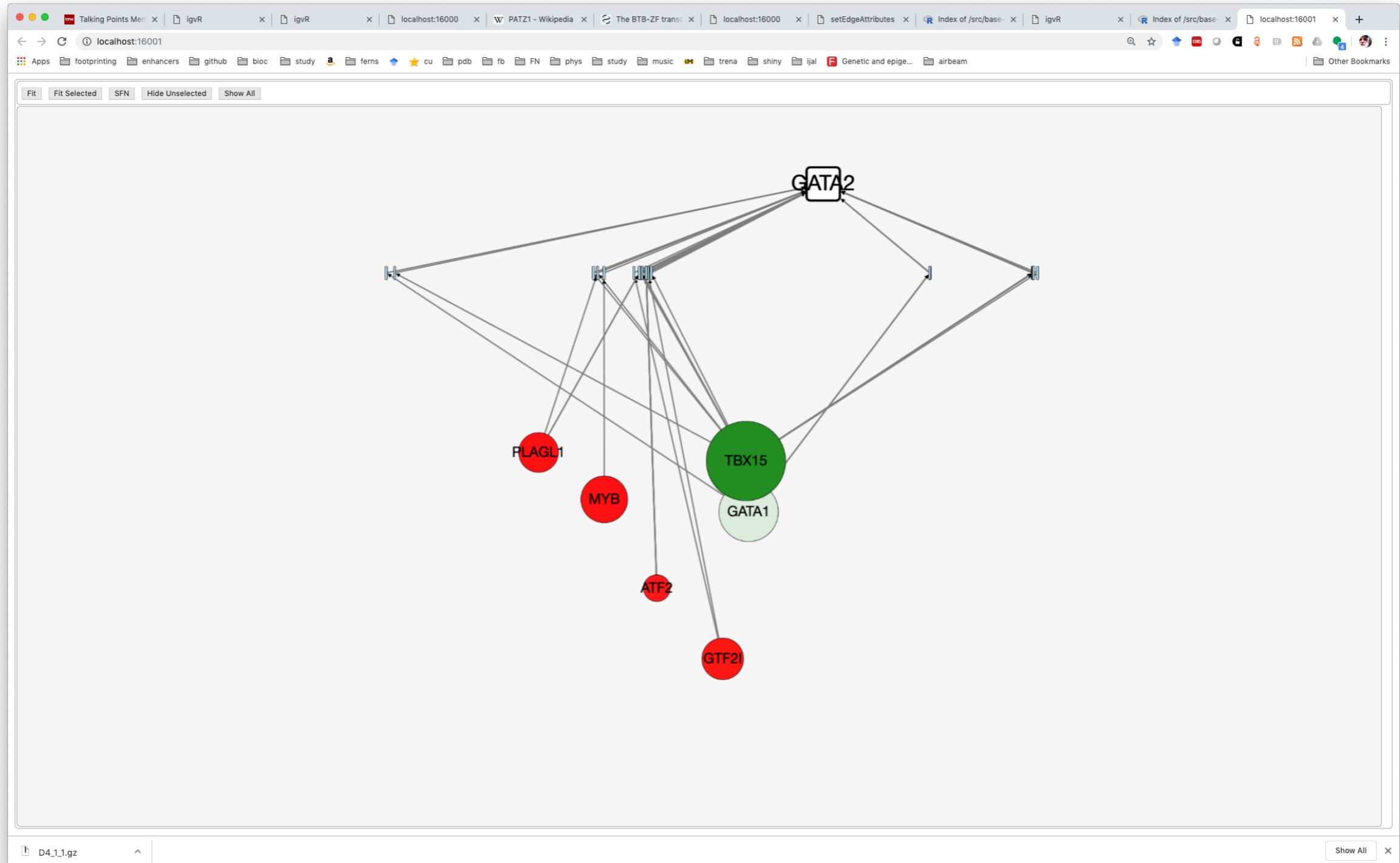
	tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
BATF	0.41146622	7.219804e-17		0.9664341	2.6615052	0.03308399	0.9277504	d10_rep2
PLAGL1	0.12699753	4.814736e-07		0.9226215	2.4150159	0.04038664	0.7509579	d10_rep2
TBX15	-0.02619614	1.437583e-06		-0.8722489	1.7143568	-0.01937820	-0.7068894	d10_rep2
GATA1	0.00000000	1.000000e+00		-0.1309038	0.0173852	-0.03342108	-0.1904762	d10_rep2



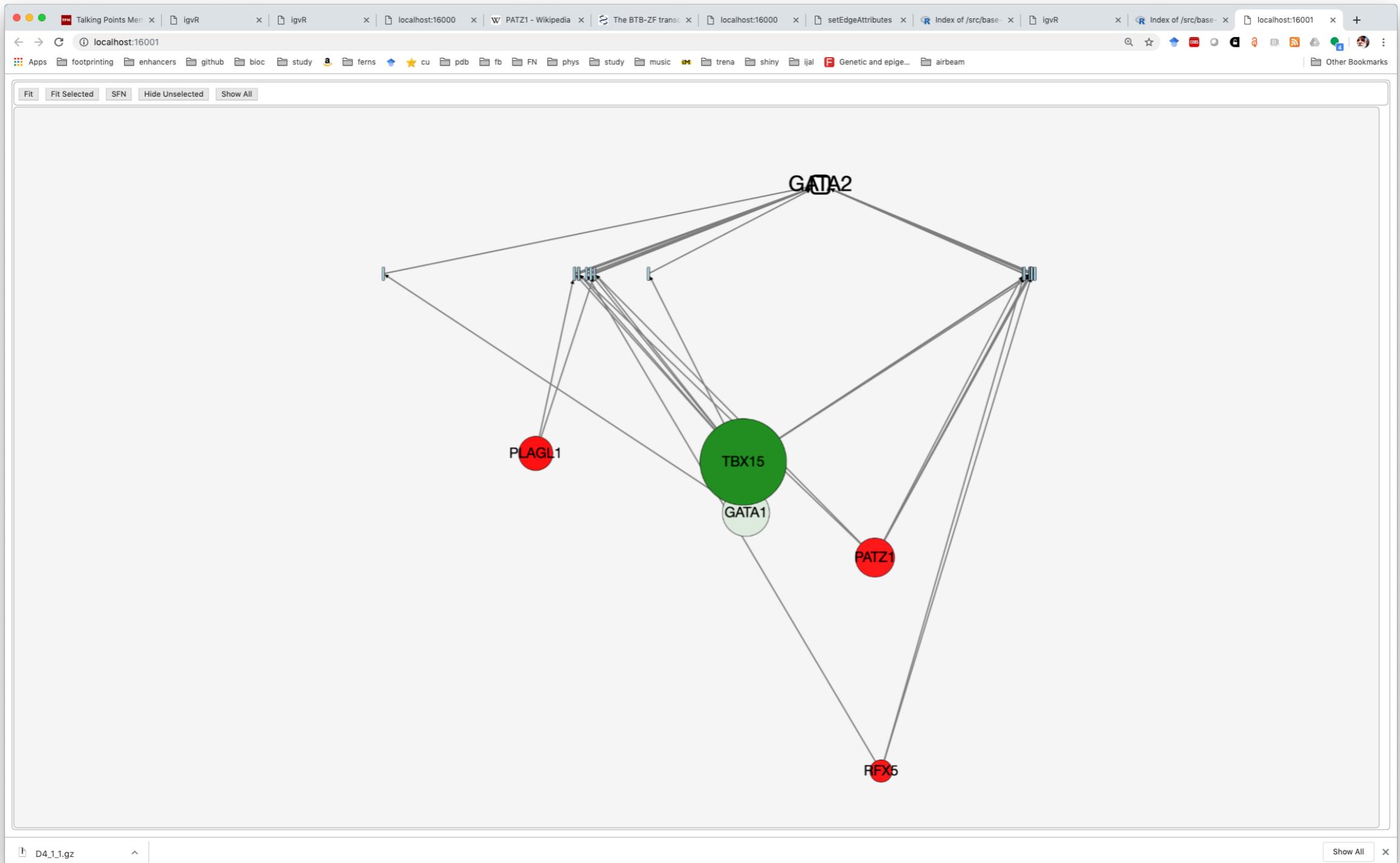
tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
PATZ1	0.12662001	4.551619e-08	0.8957847	1.602749091	0.04612827	0.8056924	d11_rep1
RFX5	0.13710588	9.775395e-10	0.8870238	3.234545478	0.07177100	0.7739464	d11_rep1
PLAGL1	0.39325560	2.919189e-12	0.9226215	3.364422888	0.04447616	0.7509579	d11_rep1
TBX15	-0.09647275	9.270472e-10	-0.8722489	1.801376920	-0.02131773	-0.7068894	d11_rep1
GATA1	0.00000000	1.000000e+00	-0.1309038	0.009326317	-0.03390926	-0.1904762	d11_rep1



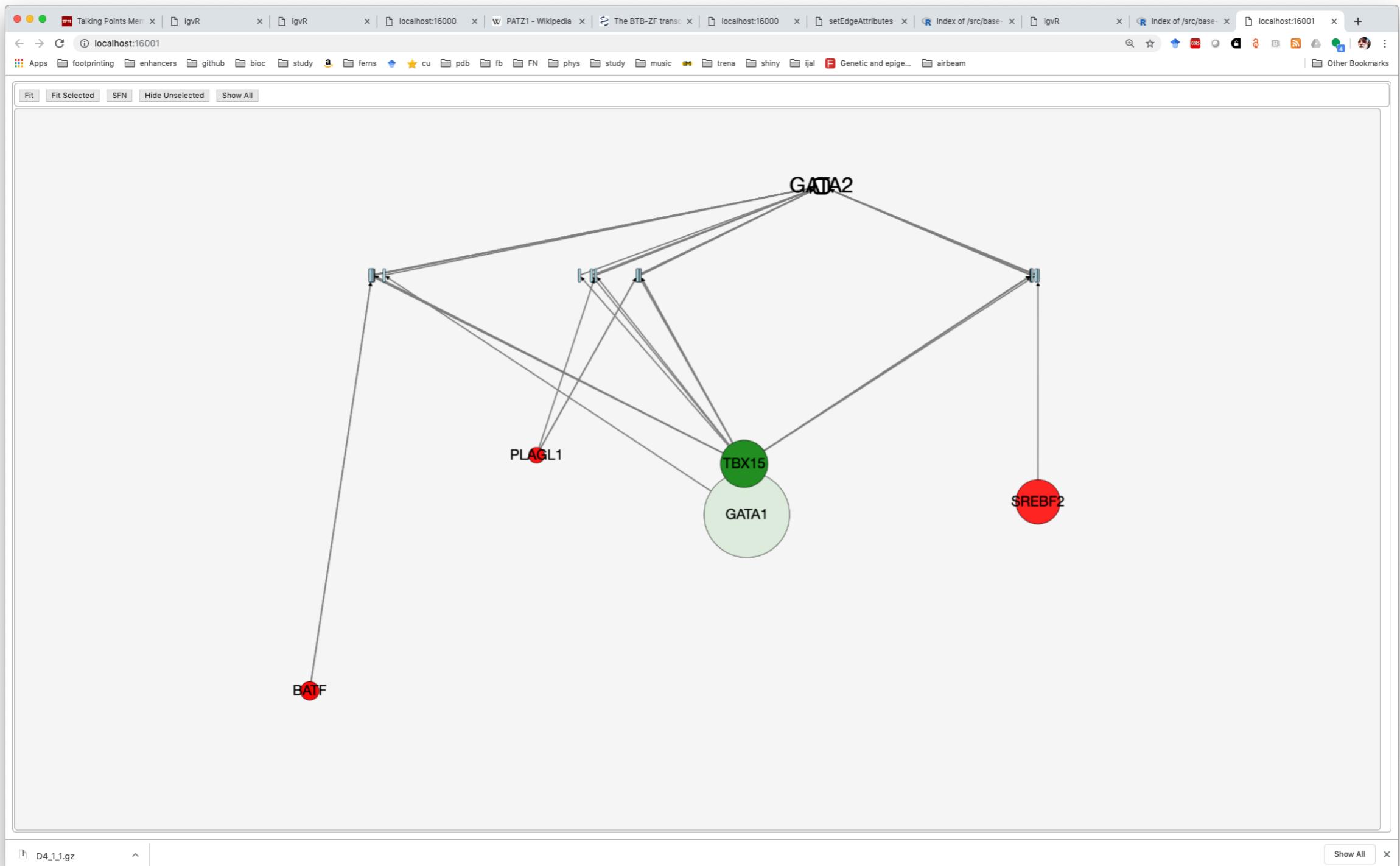
tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
PATZ1	0.12556071	4.551619e-08	0.8957847	1.21223327	0.04158977	0.8056924	d11_rep2
RFX5	0.13653545	9.775395e-10	0.8870238	2.40758303	0.06600372	0.7739464	d11_rep2
PLAGL1	0.39137216	2.919189e-12	0.9226215	2.93118595	0.03976388	0.7509579	d11_rep2
TBX15	-0.09554052	9.270472e-10	-0.8722489	1.47792111	-0.01950688	-0.7068894	d11_rep2
GATA1	0.00000000	1.000000e+00	-0.1309038	0.00876375	-0.02936696	-0.1904762	d11_rep2



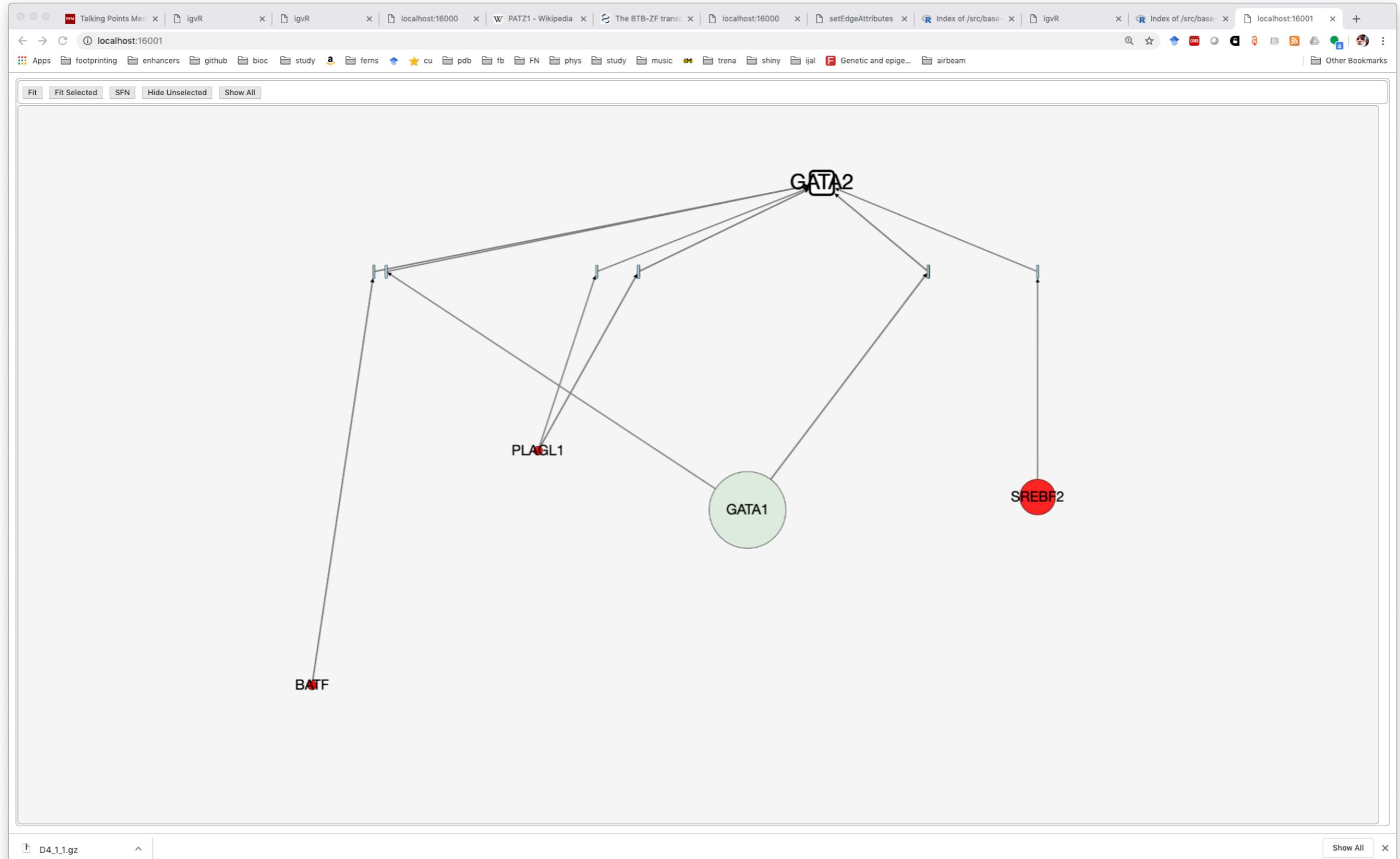
tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
ATF2	0.56220964	7.535444e-11	0.8957882	1.267752167	0.10368707	0.8500274	d12_rep1
GTF2I	0.08095577	7.967509e-09	0.9040150	1.051224569	0.04608357	0.8155446	d12_rep1
MYB	0.16180716	2.122943e-12	0.9245591	2.094466232	0.03449883	0.7586207	d12_rep1
PLAGL1	0.24195779	1.591487e-11	0.9226215	1.841477698	0.03162246	0.7509579	d12_rep1
TBX15	-0.05205921	1.298078e-09	-0.8722489	1.173392937	-0.01524194	-0.7068894	d12_rep1
GATA1	0.00000000	1.000000e+00	-0.1309038	0.007129788	-0.02922265	-0.1904762	d12_rep1



tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
PATZ1	0.11994703	4.551619e-08	0.8957847	1.134060775	0.03892819	0.8056924	d12_rep2
RFX5	0.13331512	9.775395e-10	0.8870238	2.385446292	0.06092610	0.7739464	d12_rep2
PLAGL1	0.38123434	2.919189e-12	0.9226215	2.370903496	0.03700717	0.7509579	d12_rep2
TBX15	-0.09054379	9.270472e-10	-0.8722489	1.258258357	-0.01811740	-0.7068894	d12_rep2
GATA1	0.00000000	1.000000e+00	-0.1309038	0.004976786	-0.03007179	-0.1904762	d12_rep2



tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
BATF	0.379604606	7.219804e-17	0.9664341	2.154968285	0.02496078	0.9277504	d16_rep1
PLAGL1	0.111201694	4.413157e-07	0.9226215	1.314675947	0.02945951	0.7509579	d16_rep1
SREBF2	0.048376814	3.705446e-08	0.8630836	0.950702742	0.05644368	0.7432950	d16_rep1
TBX15	-0.007496013	8.265148e-06	-0.8722489	0.860583601	-0.01503597	-0.7068894	d16_rep1
GATA1	0.000000000	1.000000e+00	-0.1309038	0.002935028	-0.02018451	-0.1904762	d16_rep1



tf	betaLasso	lassoPValue	pearsonCoeff	rfScore	betaRidge	spearmanCoeff	sample
BATF	0.3962122	7.219804e-17	0.9664341	2.015191138	0.02635368	0.9277504	d16_rep2
PLAGL1	0.1056024	4.413157e-07	0.9226215	1.468412452	0.03226756	0.7509579	d16_rep2
SREBF2	0.1180857	3.705446e-08	0.8630836	0.858407460	0.05844986	0.7432950	d16_rep2
GATA1	0.0000000	1.000000e+00	-0.1309038	0.007660986	-0.02557027	-0.1904762	d16_rep2

TBX15(blue) & GATA2(red)

